

# MC-TESTER v1.24.4 - results for decays of particle $\tau^-$ (PDG code 15).

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## Results from **generator 1**.

```
Tauola-bbb BaBar with PHOTOS
   $\tau^-$  decays
  tauola-bbb rev. 1854
  2014-08-18 12:44:45
```

- From directory:
- Total number of analyzed decays: 1617945000
- Number of decay channels found: 133 + 5

## Results from **generator 2**.

```
Tauola events generated in BaBar environment
   $\tau^-$  decays

  2014-07-02 22:51:55
```

- From directory:
- Total number of analyzed decays: 1617945000
- Number of decay channels found: 133 + 2

## Found decay modes:

Decay channel	Branching Ratio $\pm$ Rough Errors		Max. shape dif. param.
	Generator #1	Generator #2	
$\tau^- \rightarrow \pi^- \pi^0 \nu_\tau$	23.6514 $\pm$ 0.0012%	23.6497 $\pm$ 0.0012%	0.00000
$\tau^- \rightarrow \nu_\tau \widetilde{\nu}_\mu \mu^-$	16.7853 $\pm$ 0.0010%	16.7866 $\pm$ 0.0010%	0.00000
$\tau^- \rightarrow \nu_\tau \widetilde{\nu}_e e^-$	15.0612 $\pm$ 0.0010%	15.0612 $\pm$ 0.0010%	0.00000
$\tau^- \rightarrow \pi^- \nu_\tau$	9.9375 $\pm$ 0.0008%	9.9362 $\pm$ 0.0008%	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \pi^0 \nu_\tau$	8.6369 $\pm$ 0.0007%	8.6368 $\pm$ 0.0007%	0.00000
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$	7.5008 $\pm$ 0.0007%	7.5007 $\pm$ 0.0007%	0.00000
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \nu_\tau$	3.8040 $\pm$ 0.0005%	3.8050 $\pm$ 0.0005%	0.00000
$\tau^- \rightarrow \gamma \nu_\tau \widetilde{\nu}_e e^-$	2.8048 $\pm$ 0.0004%	2.8042 $\pm$ 0.0004%	0.00674
$\tau^- \rightarrow \pi^- \pi^0 \gamma \nu_\tau$	1.7407 $\pm$ 0.0003%	1.7413 $\pm$ 0.0003%	0.00058
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \gamma \nu_\tau$	1.5021 $\pm$ 0.0003%	1.5012 $\pm$ 0.0003%	0.01808
$\tau^- \rightarrow \pi^- \pi^0 \pi^0 \pi^0 \nu_\tau$	1.1921 $\pm$ 0.0003%	1.1924 $\pm$ 0.0003%	0.00000
$\tau^- \rightarrow \pi^- \gamma \nu_\tau$	1.0865 $\pm$ 0.0003%	1.0868 $\pm$ 0.0003%	0.00000
$\tau^- \rightarrow K^- \nu_\tau$	0.6717 $\pm$ 0.0002%	0.6714 $\pm$ 0.0002%	0.00000
$\tau^- \rightarrow \gamma \nu_\tau \widetilde{\nu}_\mu \mu^-$	0.5691 $\pm$ 0.0002%	0.5703 $\pm$ 0.0002%	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \pi^0 \gamma \nu_\tau$	0.5247 $\pm$ 0.0002%	0.5251 $\pm$ 0.0002%	0.01614
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \gamma \nu_\tau$	0.5165 $\pm$ 0.0002%	0.5169 $\pm$ 0.0002%	0.02312
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \nu_\tau$	0.4493 $\pm$ 0.0002%	0.4492 $\pm$ 0.0002%	0.00000
$\tau^- \rightarrow K^- \pi^0 \nu_\tau$	0.4473 $\pm$ 0.0002%	0.4591 $\pm$ 0.0002%	0.00000
$\tau^- \rightarrow \pi^- K_L^0 \nu_\tau$	0.4318 $\pm$ 0.0002%	0.4258 $\pm$ 0.0002%	0.00000
$\tau^- \rightarrow K_S^0 \pi^- \nu_\tau$	0.4313 $\pm$ 0.0002%	0.4255 $\pm$ 0.0002%	0.00000
$\tau^- \rightarrow K^- \pi^- \pi^+ \nu_\tau$	0.2649 $\pm$ 0.0001%	0.2650 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow \pi^- K_L^0 \pi^0 \nu_\tau$	0.1784 $\pm$ 0.0001%	0.1784 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow K_S^0 \pi^- \pi^0 \nu_\tau$	0.1784 $\pm$ 0.0001%	0.1784 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow \eta \pi^- \pi^0 \nu_\tau$	0.1734 $\pm$ 0.0001%	0.1734 $\pm$ 0.0001%	0.00046
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \gamma \nu_\tau$	0.1621 $\pm$ 0.0001%	0.1622 $\pm$ 0.0001%	0.02455
$\tau^- \rightarrow K^- K^+ \pi^- \nu_\tau$	0.1482 $\pm$ 0.0001%	0.1483 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow K^- K_S^0 \nu_\tau$	0.0816 $\pm$ 0.0001%	0.0816 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow K^- K_L^0 \nu_\tau$	0.0815 $\pm$ 0.0001%	0.0815 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow K_S^0 \pi^- K_L^0 \nu_\tau$	0.0804 $\pm$ 0.0001%	0.0804 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow K^- K_L^0 \pi^0 \nu_\tau$	0.0762 $\pm$ 0.0001%	0.0762 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow K^- K_S^0 \pi^0 \nu_\tau$	0.0761 $\pm$ 0.0001%	0.0762 $\pm$ 0.0001%	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \pi^0 \pi^0 \gamma \nu_\tau$	0.0674 $\pm$ 0.0001%	0.0675 $\pm$ 0.0001%	0.01970

$\tau^- \rightarrow K^- \pi^0 \pi^0 \nu_\tau$	$0.0671 \pm 0.0001\%$	$0.0671 \pm 0.0001\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \nu_\tau$	$0.0654 \pm 0.0001\%$	$0.0654 \pm 0.0001\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \gamma \nu_\tau$	$0.0619 \pm 0.0001\%$	$0.0620 \pm 0.0001\%$	0.11355
$\tau^- \rightarrow \pi^- \gamma \nu_\tau$	$0.0582 \pm 0.0001\%$	$0.0582 \pm 0.0001\%$	0.01750
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \gamma \nu_\tau$	$0.0484 \pm 0.0001\%$	$0.0484 \pm 0.0001\%$	0.02010
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \gamma \nu_\tau$	$0.0421 \pm 0.0001\%$	$0.0421 \pm 0.0001\%$	0.02753
$\tau^- \rightarrow \pi^- K_L^0 K_L^0 \nu_\tau$	$0.0402 \pm 0.0000\%$	$0.0402 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K_S^0 K_S^0 \pi^- \nu_\tau$	$0.0402 \pm 0.0000\%$	$0.0401 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K^- \pi^- \pi^+ \gamma \nu_\tau$	$0.0336 \pm 0.0000\%$	$0.0336 \pm 0.0000\%$	0.01563
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \nu_\tau$	$0.0230 \pm 0.0000\%$	$0.0229 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K_S^0 \pi^- \gamma \nu_\tau$	$0.0226 \pm 0.0000\%$	$0.0223 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K^- \gamma \nu_\tau$	$0.0226 \pm 0.0000\%$	$0.0226 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- K_L^0 \gamma \nu_\tau$	$0.0226 \pm 0.0000\%$	$0.0223 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \pi^0 \gamma \nu_\tau$	$0.0165 \pm 0.0000\%$	$0.0165 \pm 0.0000\%$	0.02358
$\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \pi^0 \nu_\tau$	$0.0158 \pm 0.0000\%$	$0.0158 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \gamma \gamma \nu_\tau$	$0.0124 \pm 0.0000\%$	$0.0124 \pm 0.0000\%$	0.01760
$\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \gamma \nu_\tau$	$0.0120 \pm 0.0000\%$	$0.0120 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K^- K^+ \pi^- \gamma \nu_\tau$	$0.0103 \pm 0.0000\%$	$0.0103 \pm 0.0000\%$	0.01302
$\tau^- \rightarrow K_S^0 \pi^- \pi^0 \gamma \nu_\tau$	$0.0097 \pm 0.0000\%$	$0.0097 \pm 0.0000\%$	0.01332
$\tau^- \rightarrow \pi^- K_L^0 \pi^0 \gamma \nu_\tau$	$0.0097 \pm 0.0000\%$	$0.0097 \pm 0.0000\%$	0.01068
$\tau^- \rightarrow \eta \pi^- \pi^0 \gamma \nu_\tau$	$0.0093 \pm 0.0000\%$	$0.0093 \pm 0.0000\%$	0.01579
$\tau^- \rightarrow K^- \pi^0 \gamma \nu_\tau$	$0.0076 \pm 0.0000\%$	$0.0078 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \gamma \nu_\tau$	$0.0032 \pm 0.0000\%$	$0.0032 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K_S^0 \pi^- K_L^0 \gamma \nu_\tau$	$0.0031 \pm 0.0000\%$	$0.0031 \pm 0.0000\%$	0.00203
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \gamma \gamma \nu_\tau$	$0.0026 \pm 0.0000\%$	$0.0026 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K^- \pi^- \pi^+ \gamma \nu_\tau$	$0.0024 \pm 0.0000\%$	$0.0024 \pm 0.0000\%$	0.00781
$\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \pi^0 \gamma \nu_\tau$	$0.0023 \pm 0.0000\%$	$0.0023 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- \gamma \gamma \nu_\tau$	$0.0020 \pm 0.0000\%$	$0.0020 \pm 0.0000\%$	0.00937
$\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \gamma \nu_\tau$	$0.0020 \pm 0.0000\%$	$0.0020 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \pi^0 \pi^0 \gamma \nu_\tau$	$0.0020 \pm 0.0000\%$	$0.0020 \pm 0.0000\%$	0.02039
$\tau^- \rightarrow K_S^0 K_S^0 \pi^- \gamma \nu_\tau$	$0.0016 \pm 0.0000\%$	$0.0016 \pm 0.0000\%$	0.00160
$\tau^- \rightarrow \pi^- K_L^0 K_L^0 \gamma \nu_\tau$	$0.0015 \pm 0.0000\%$	$0.0016 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow \pi^- \pi^0 \gamma \gamma \nu_\tau$	$0.0015 \pm 0.0000\%$	$0.0014 \pm 0.0000\%$	0.10912
$\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \gamma \nu_\tau$	$0.0013 \pm 0.0000\%$	$0.0013 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K^- K_L^0 \gamma \nu_\tau$	$0.0010 \pm 0.0000\%$	$0.0010 \pm 0.0000\%$	0.00000
$\tau^- \rightarrow K^- K_S^0 \gamma \nu_\tau$	$0.0010 \pm 0.0000\%$	$0.0010 \pm 0.0000\%$	0.00000





$\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \gamma \gamma \gamma \nu_\tau$	-	$0.0000 \pm 0.0000 \%$	-
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Similarity coefficients: T1=0.033235 %, T2=0.058567 %

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61 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \gamma \gamma \nu_\tau$	213
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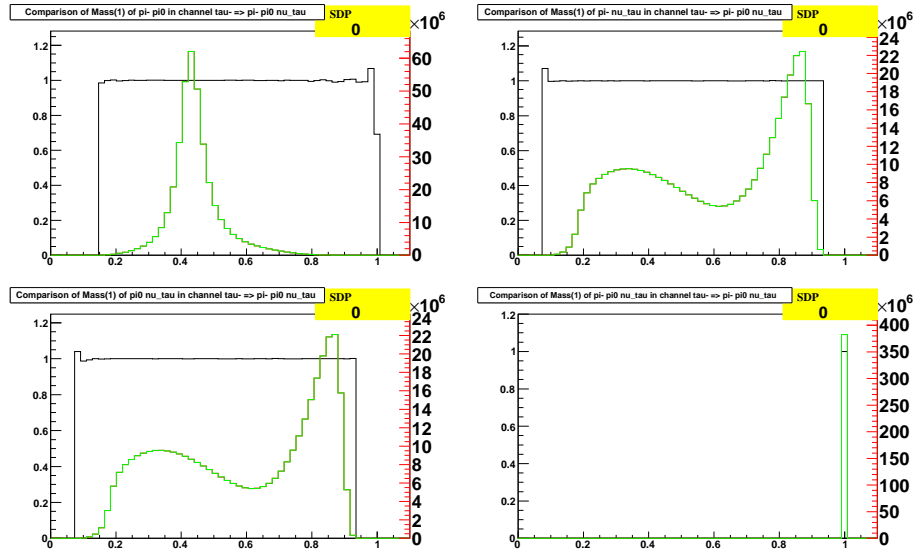
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94 Decay Channel: $\tau^- \rightarrow \pi^- \gamma \gamma \nu_\tau$	412
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# 1 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \nu_\tau$

Number of events from generator 1: 382665918

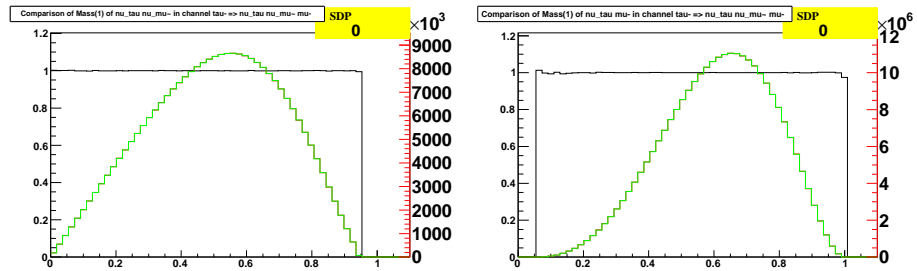
Number of events from generator 2: 382639219 (scaled to generator1)

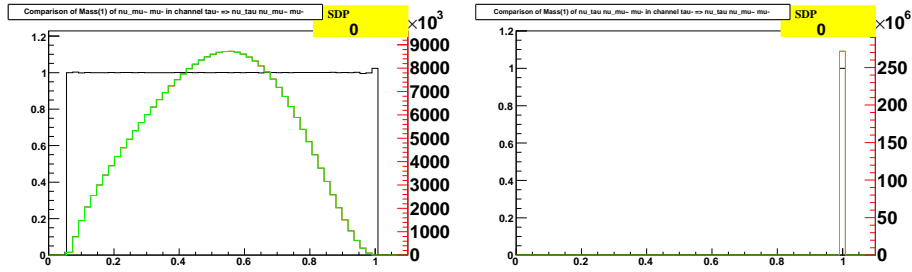


# 2 Decay Channel: $\tau^- \rightarrow \nu_\tau \tilde{\nu}_\mu \mu^-$

Number of events from generator 1: 271576613 (scaled to generator2)

Number of events from generator 2: 271597821

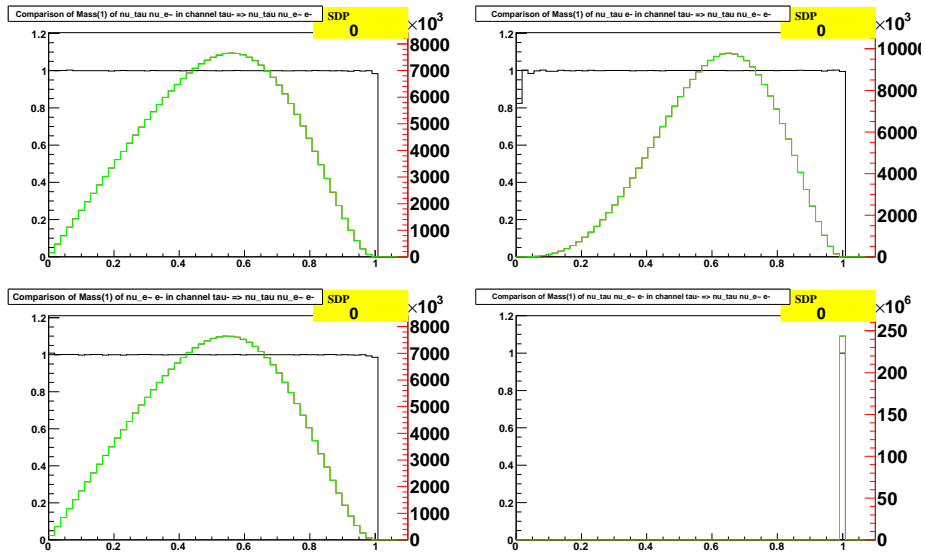




### 3 Decay Channel: $\tau^- \rightarrow \nu_\tau \tilde{\nu}_e e^-$

Number of events from generator 1: 243681580

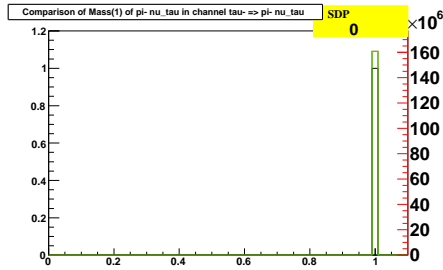
Number of events from generator 2: 243681349 (scaled to generator1)



### 4 Decay Channel: $\tau^- \rightarrow \pi^- \nu_\tau$

Number of events from generator 1: 160783100

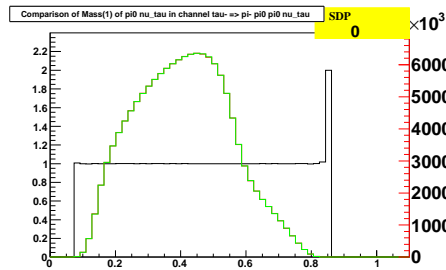
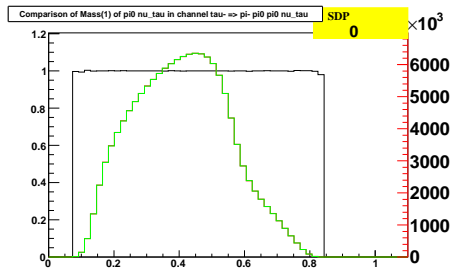
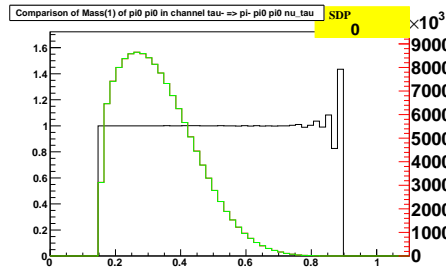
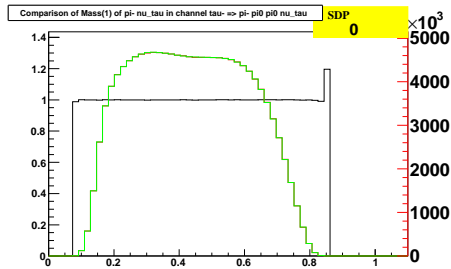
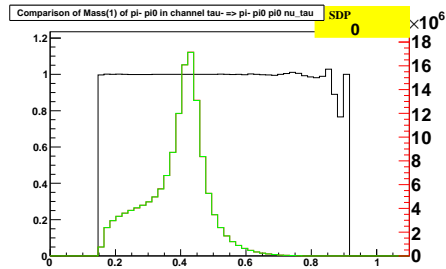
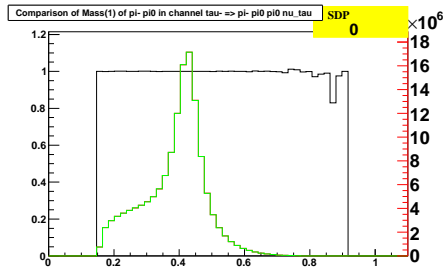
Number of events from generator 2: 160761680 (scaled to generator1)

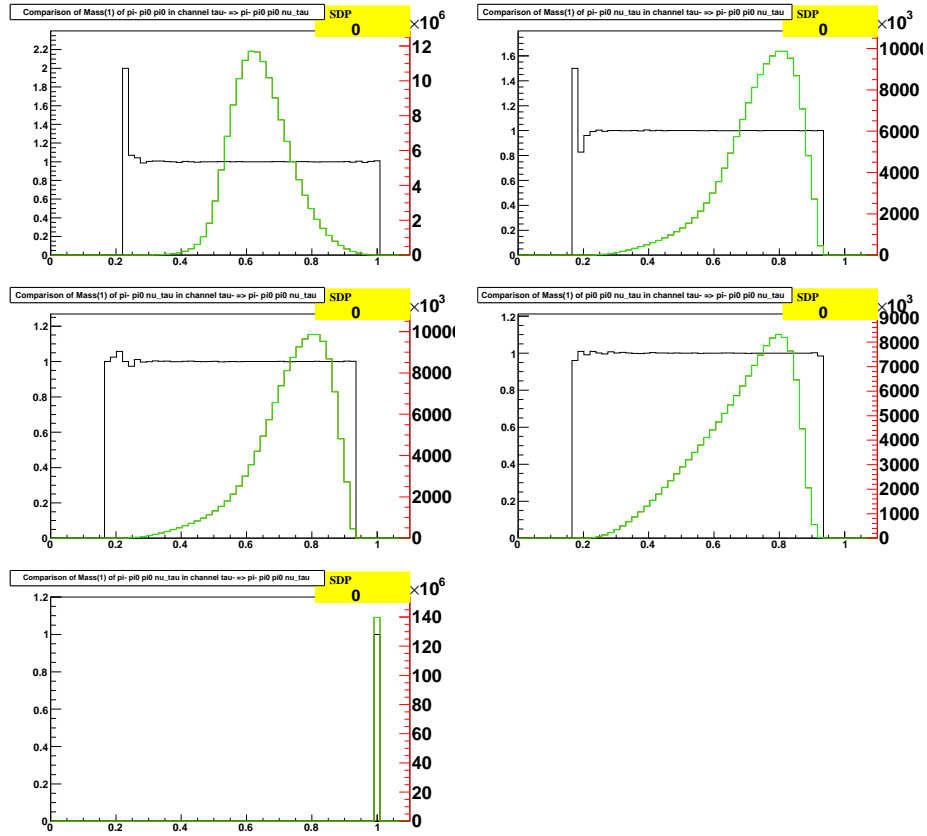


## 5 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \nu_\tau$

Number of events from generator 1: 139740952

Number of events from generator 2: 139739321 (scaled to generator1)

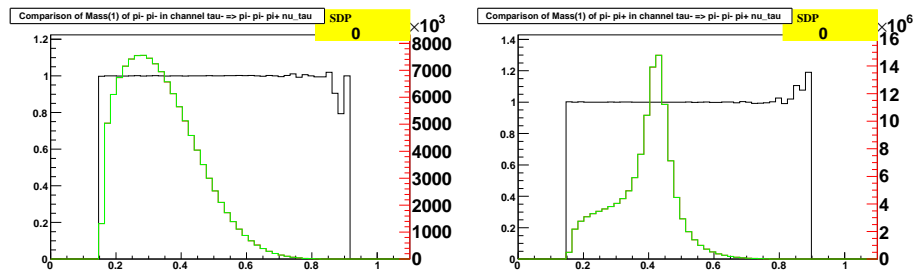


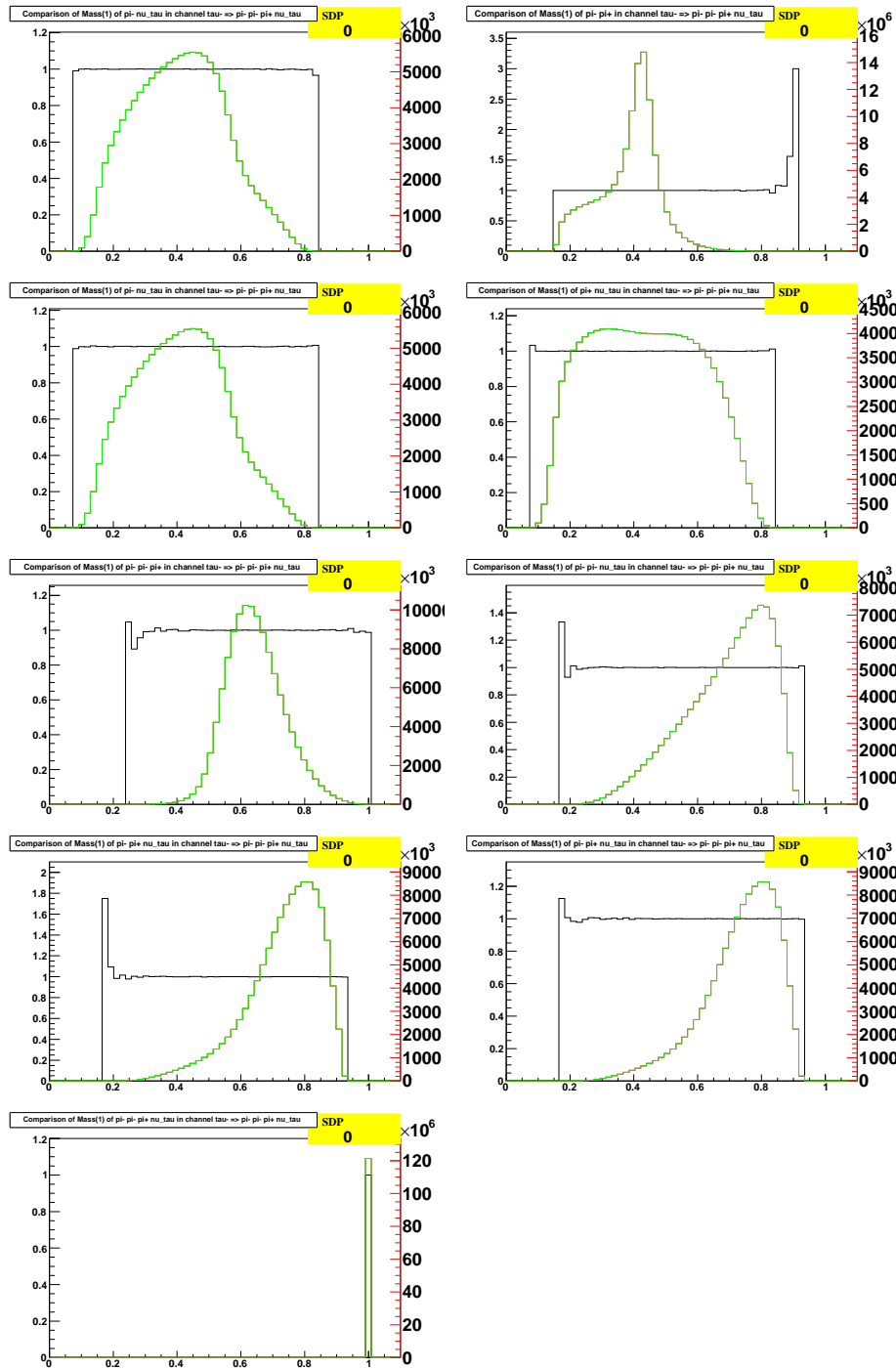


## 6 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$

Number of events from generator 1: 121359130

Number of events from generator 2: 121357031 (scaled to generator1)



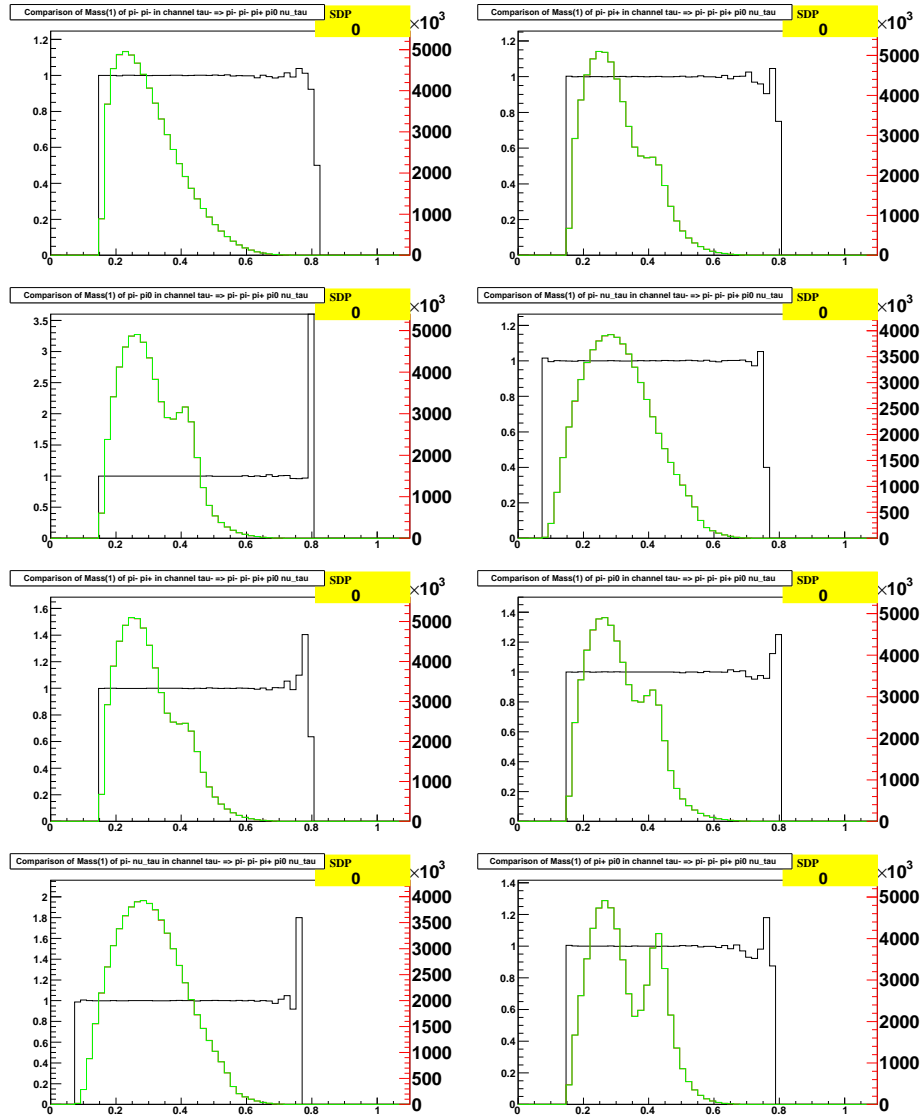


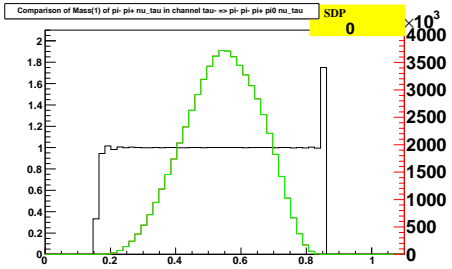
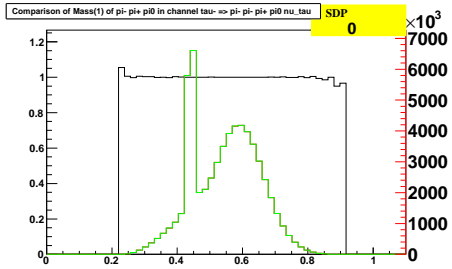
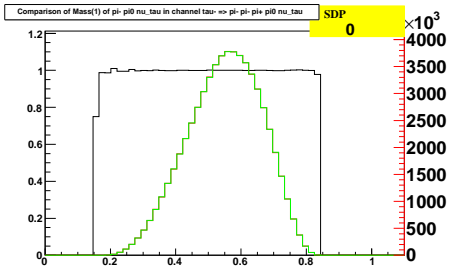
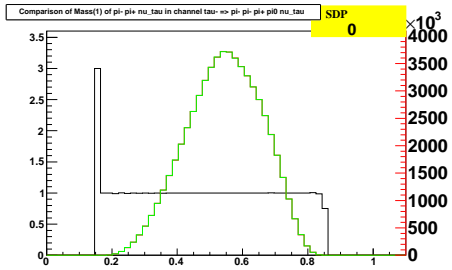
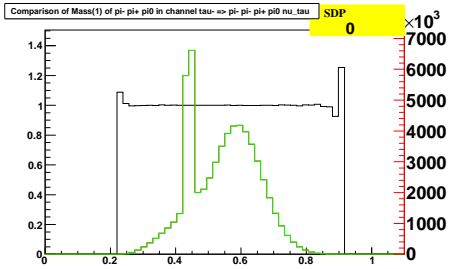
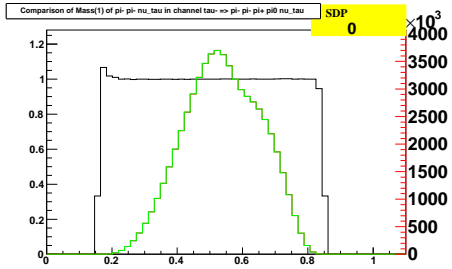
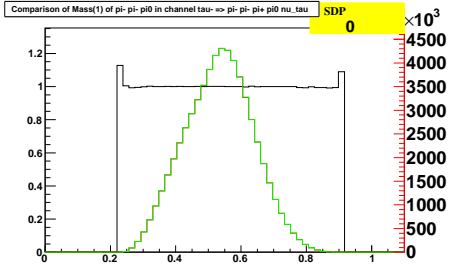
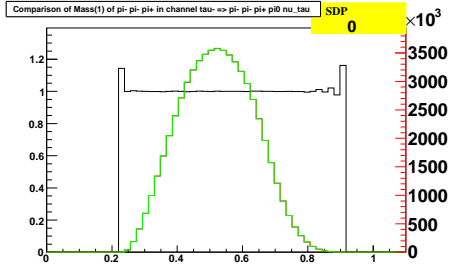
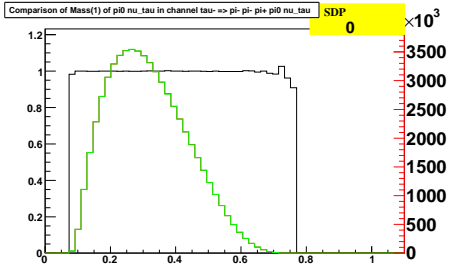
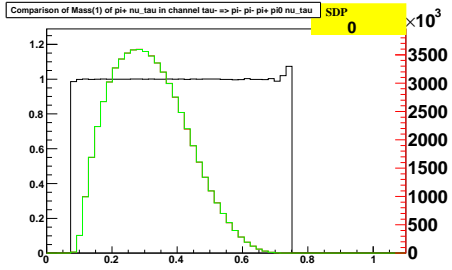


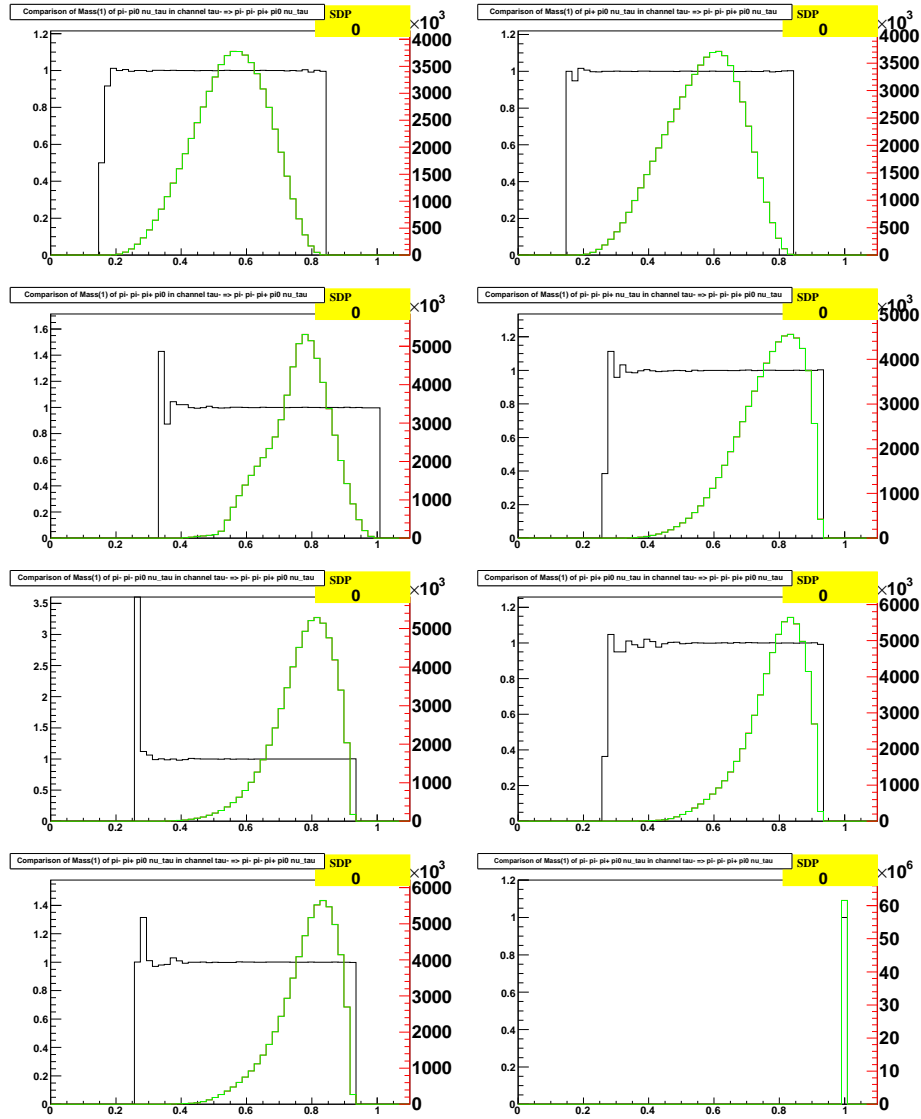
## 7 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \nu_\tau$

Number of events from generator 1: 61545957 (scaled to generator2)

Number of events from generator 2: 61562130



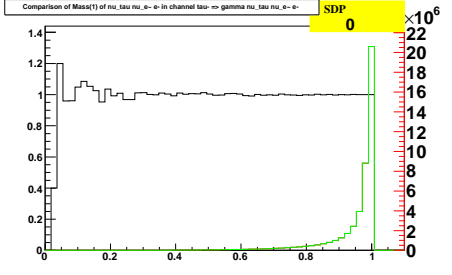
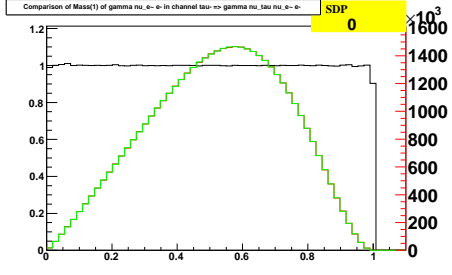
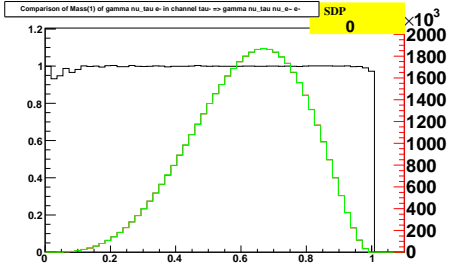
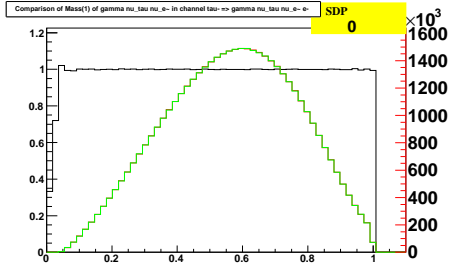
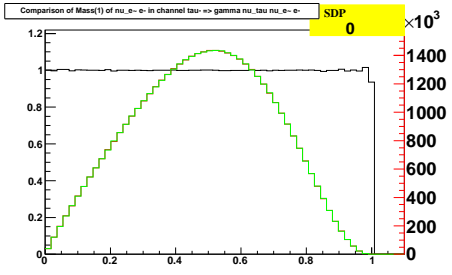
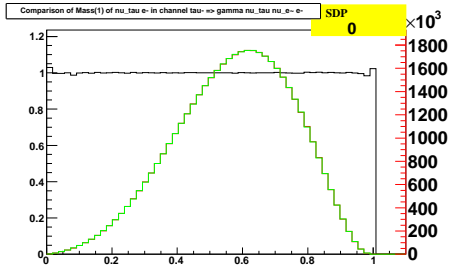
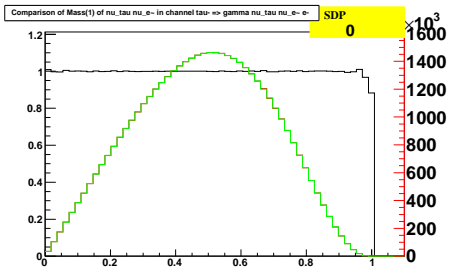
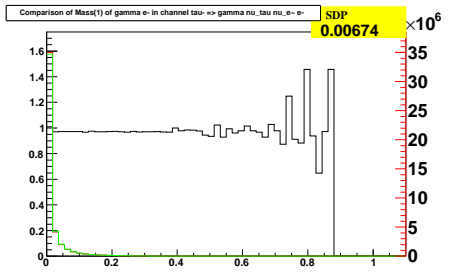
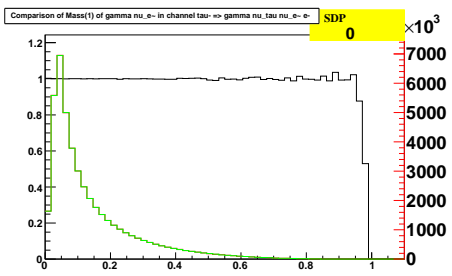
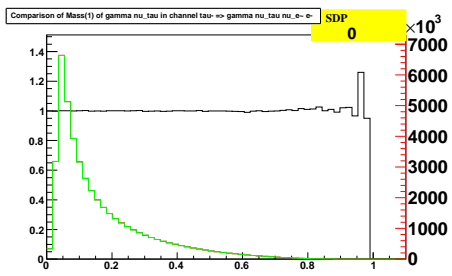


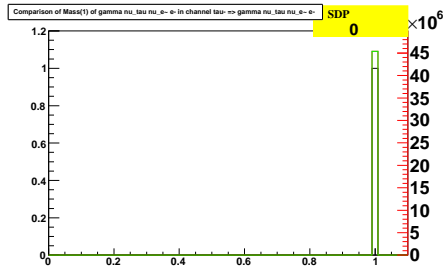


## 8 Decay Channel: $\tau^- \rightarrow \gamma \nu_\tau \tilde{\nu}_e e^-$

Number of events from **generator 1**: 45379636

Number of events from **generator 2**: 45370697 (*scaled to generator1*)

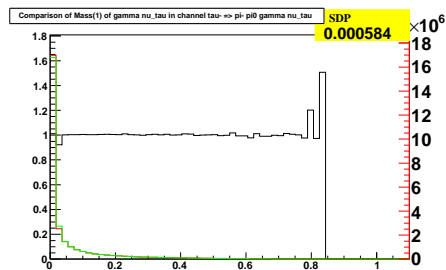
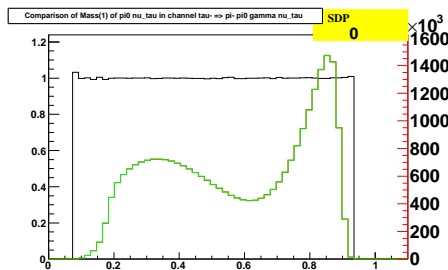
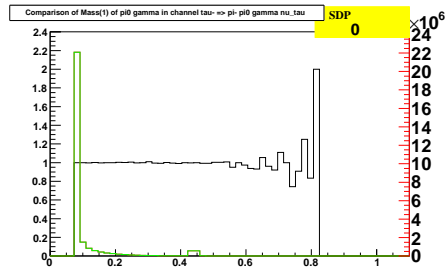
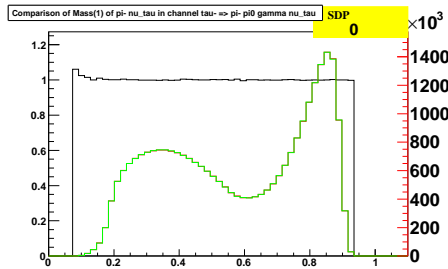
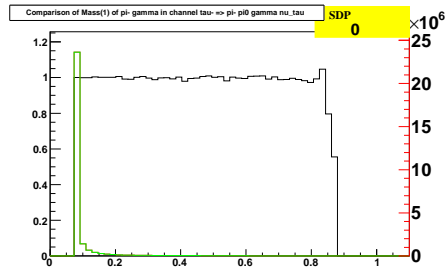
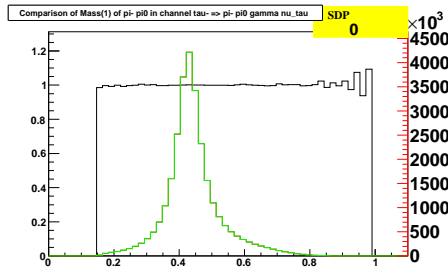


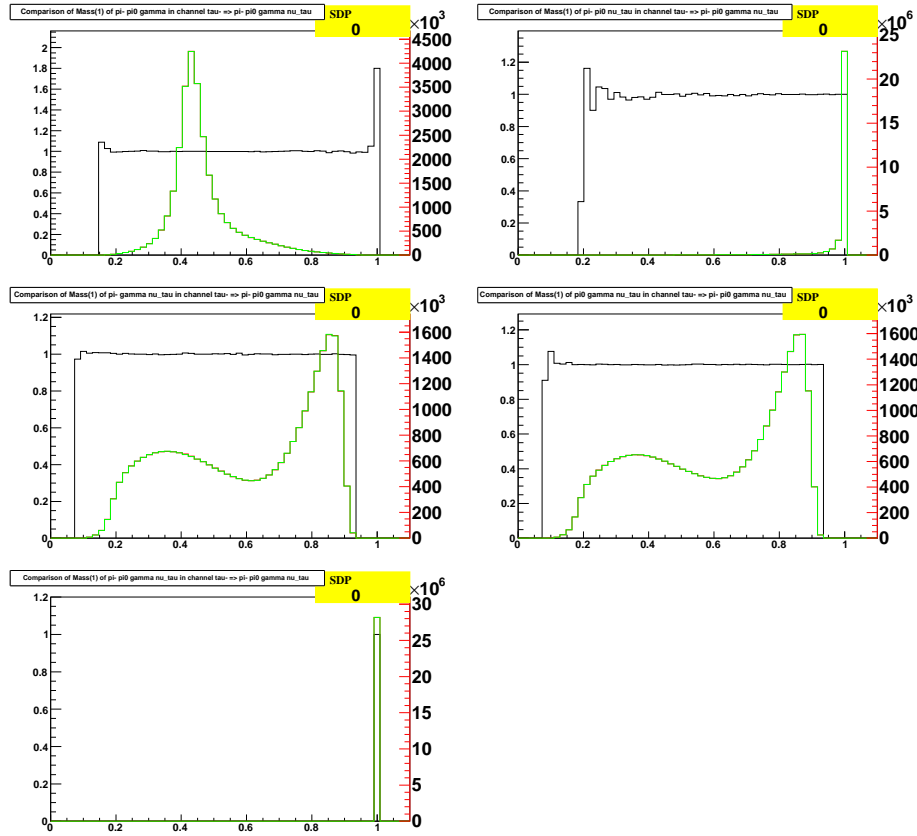


## 9 Decay Channel: $\tau^{-} \rightarrow \pi^{-} \pi^0 \gamma \nu_{\tau}$

Number of events from generator 1: 28164194 (scaled to generator2)

Number of events from generator 2: 28172872

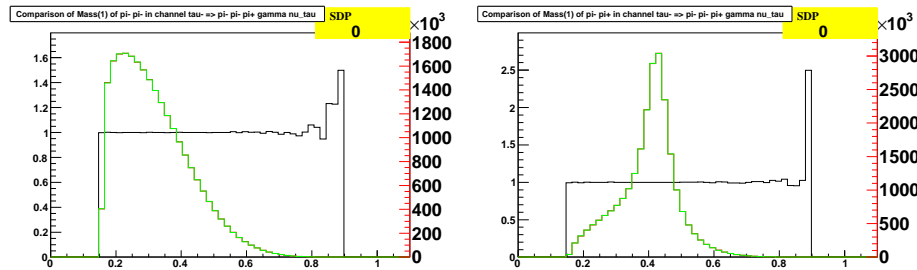


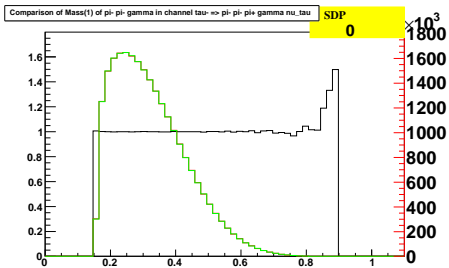
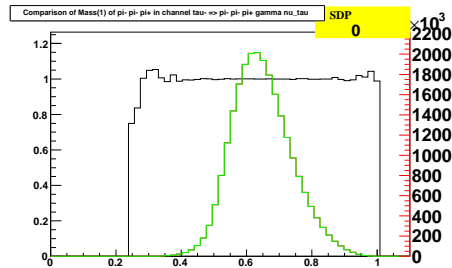
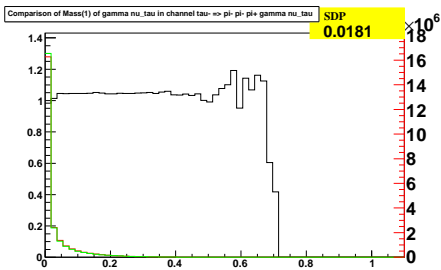
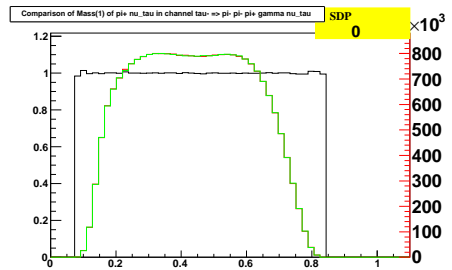
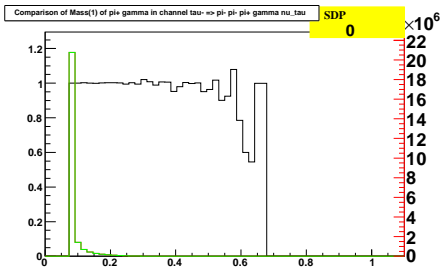
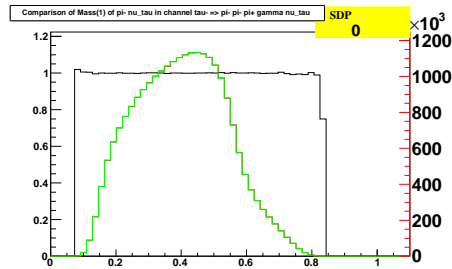
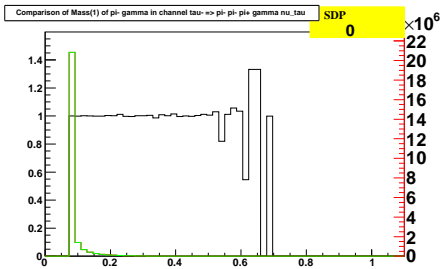
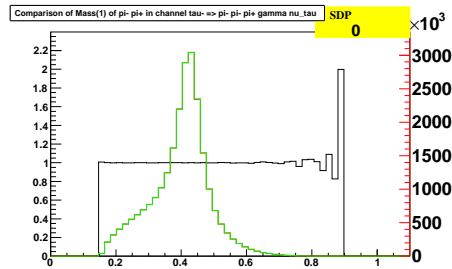
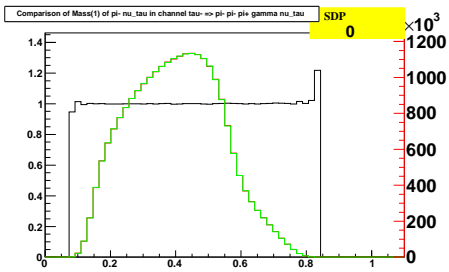
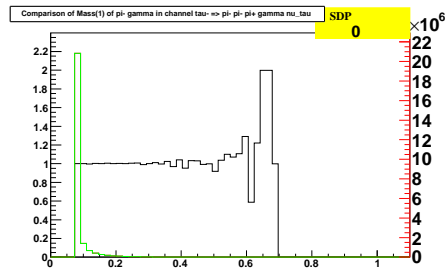


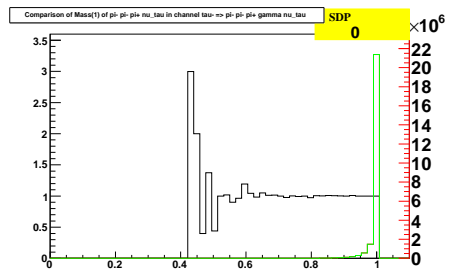
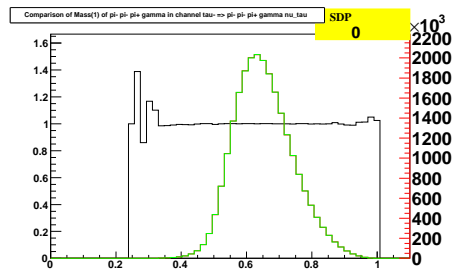
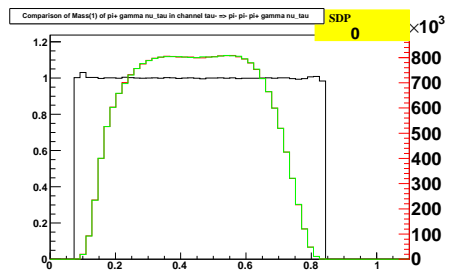
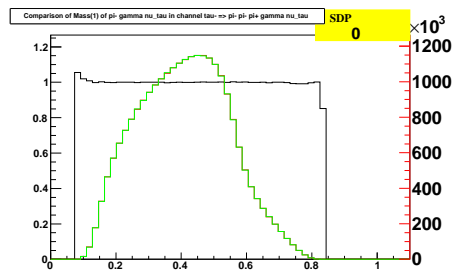
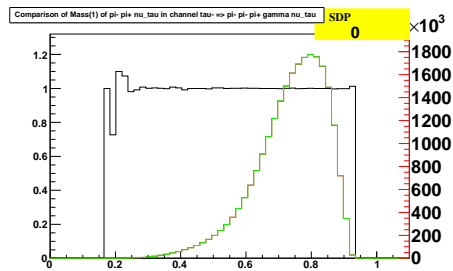
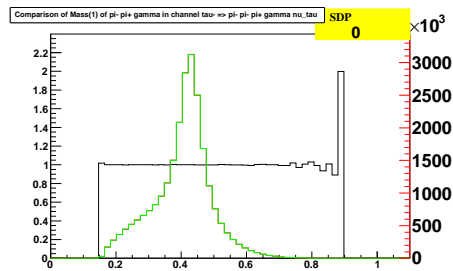
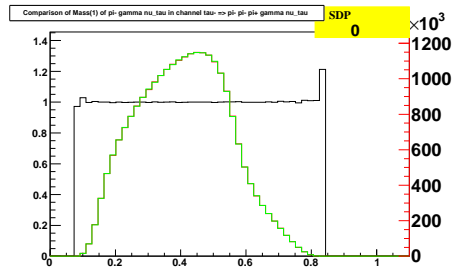
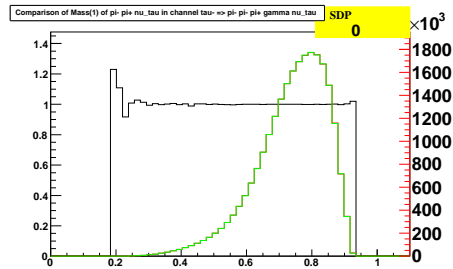
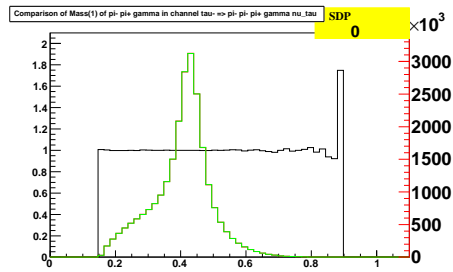
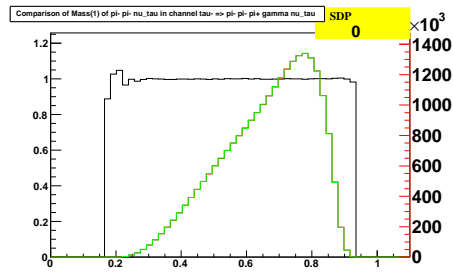
## 10 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \gamma \nu_\tau$

Number of events from generator 1: 24303334

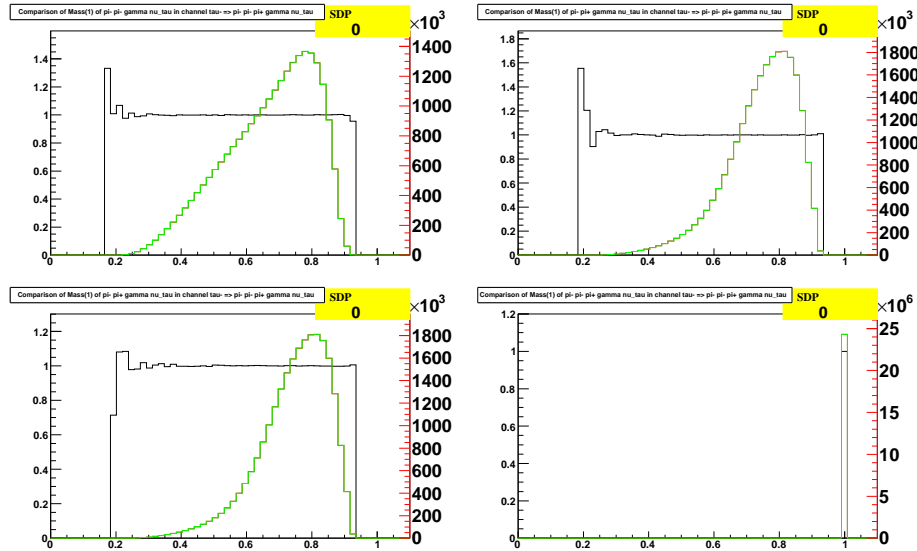
Number of events from generator 2: 24288421 (scaled to generator1)







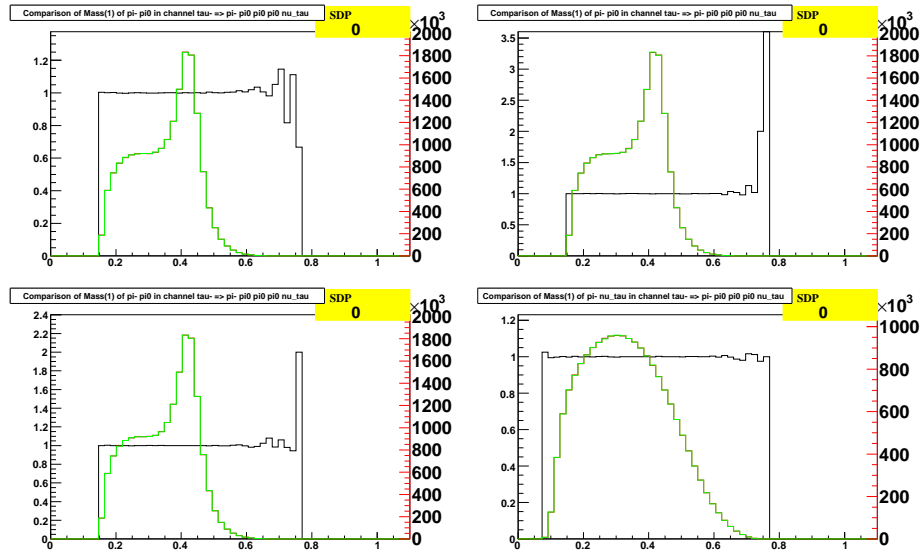


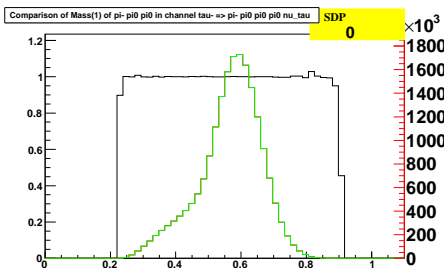
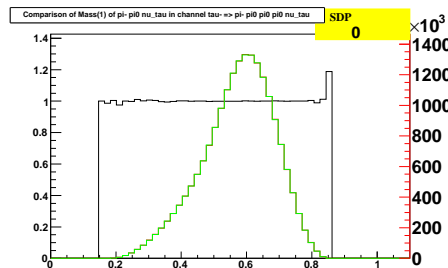
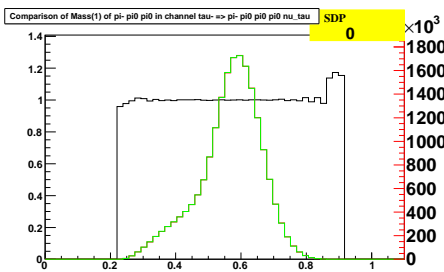
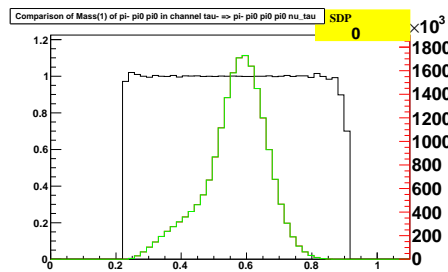
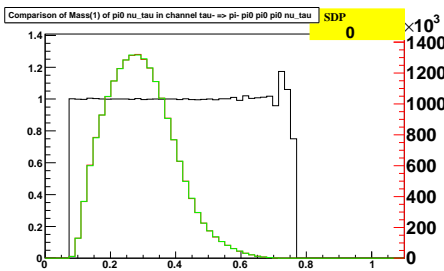
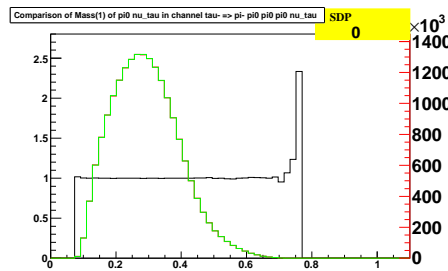
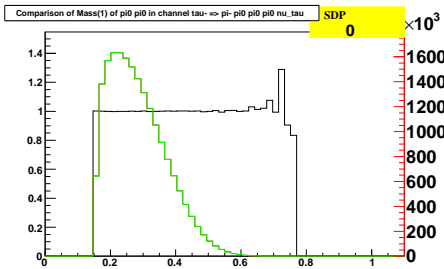
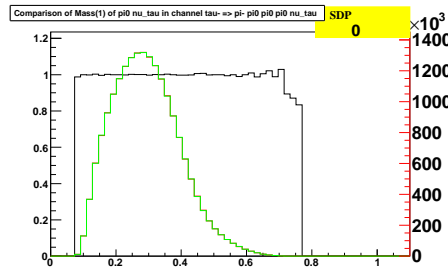
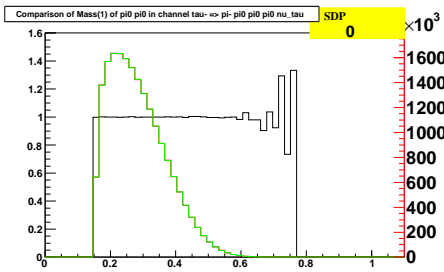
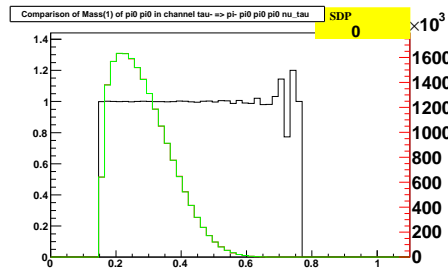


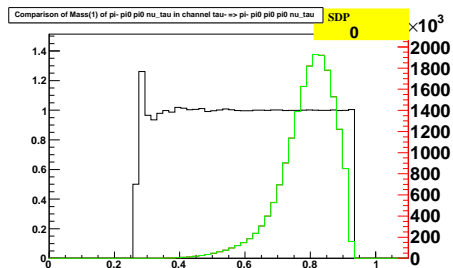
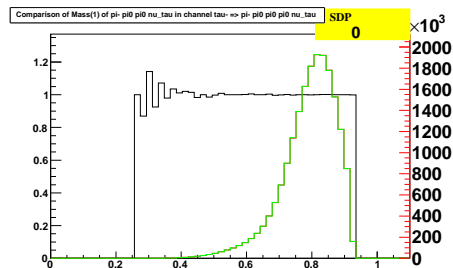
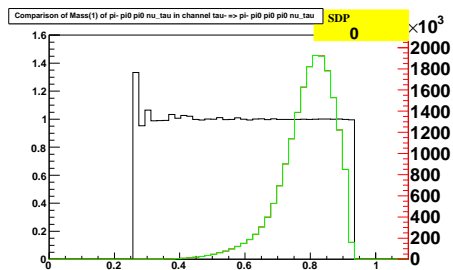
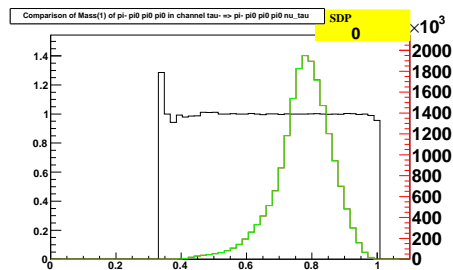
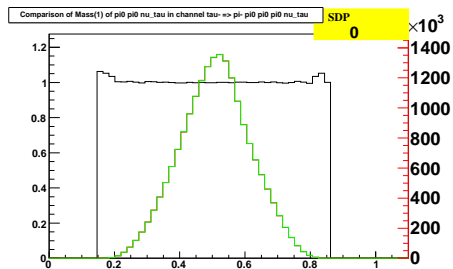
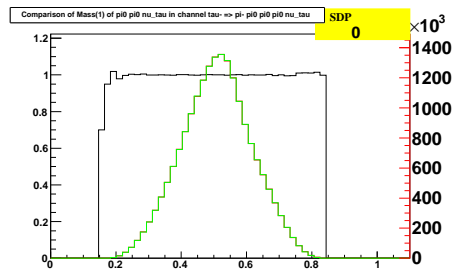
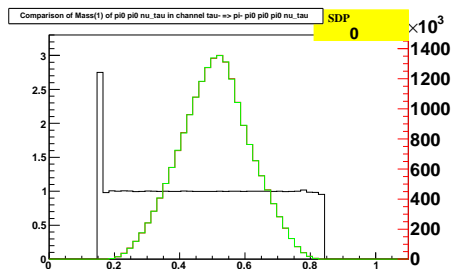
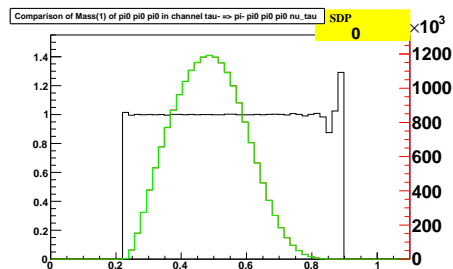
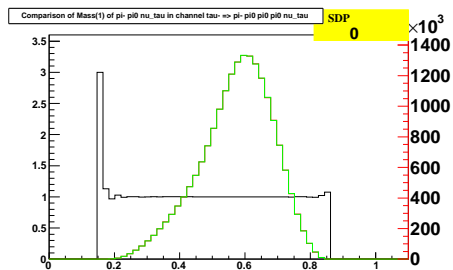
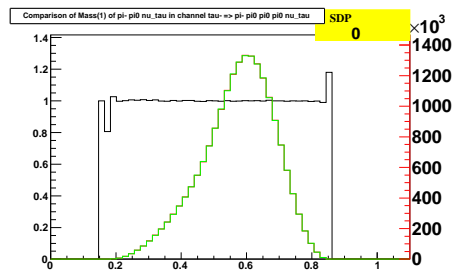
## 11 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \pi^0 \nu_\tau$

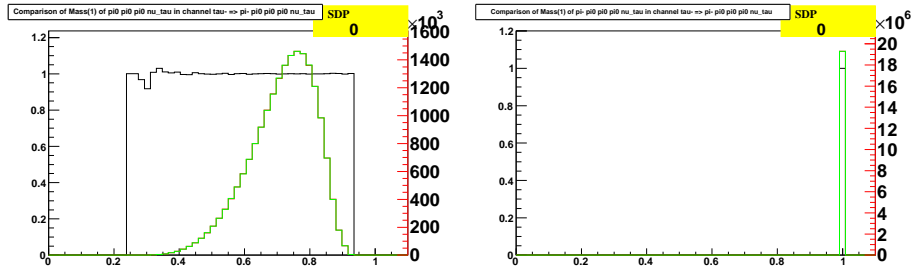
Number of events from generator 1: 19287144 (scaled to generator2)

Number of events from generator 2: 19291593





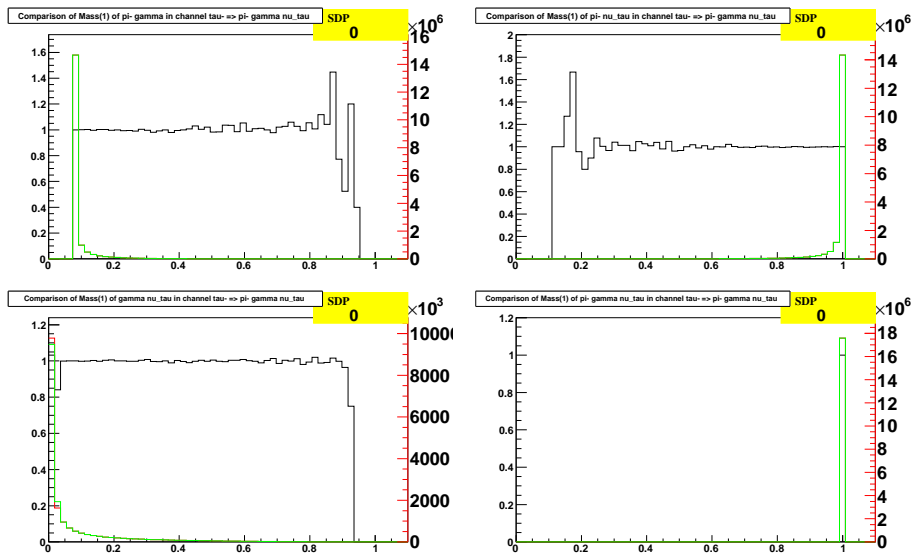




## 12 Decay Channel: $\tau^- \rightarrow \pi^- \gamma \nu_\tau$

Number of events from generator 1: 17579671 (scaled to generator2)

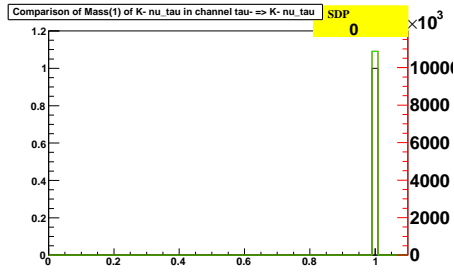
Number of events from generator 2: 17583103



## 13 Decay Channel: $\tau^- \rightarrow K^- \nu_\tau$

Number of events from generator 1: 10867565

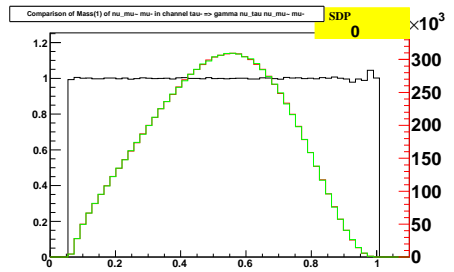
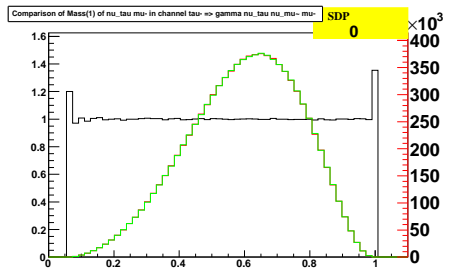
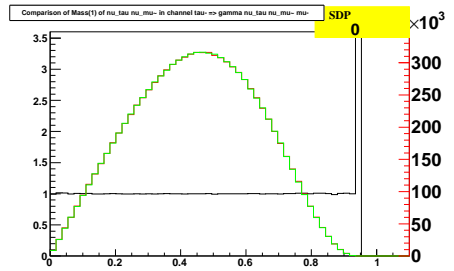
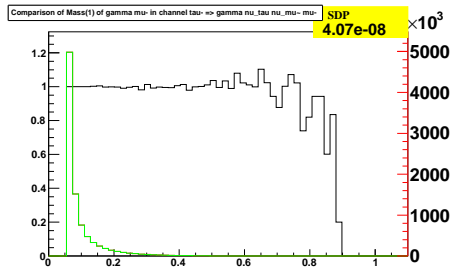
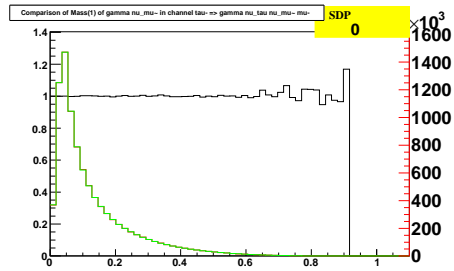
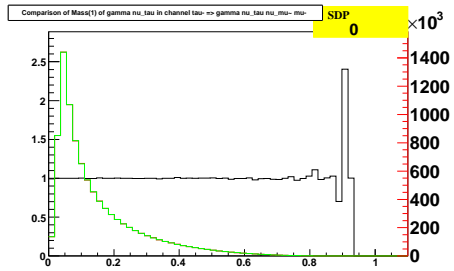
Number of events from generator 2: 10863498 (scaled to generator1)

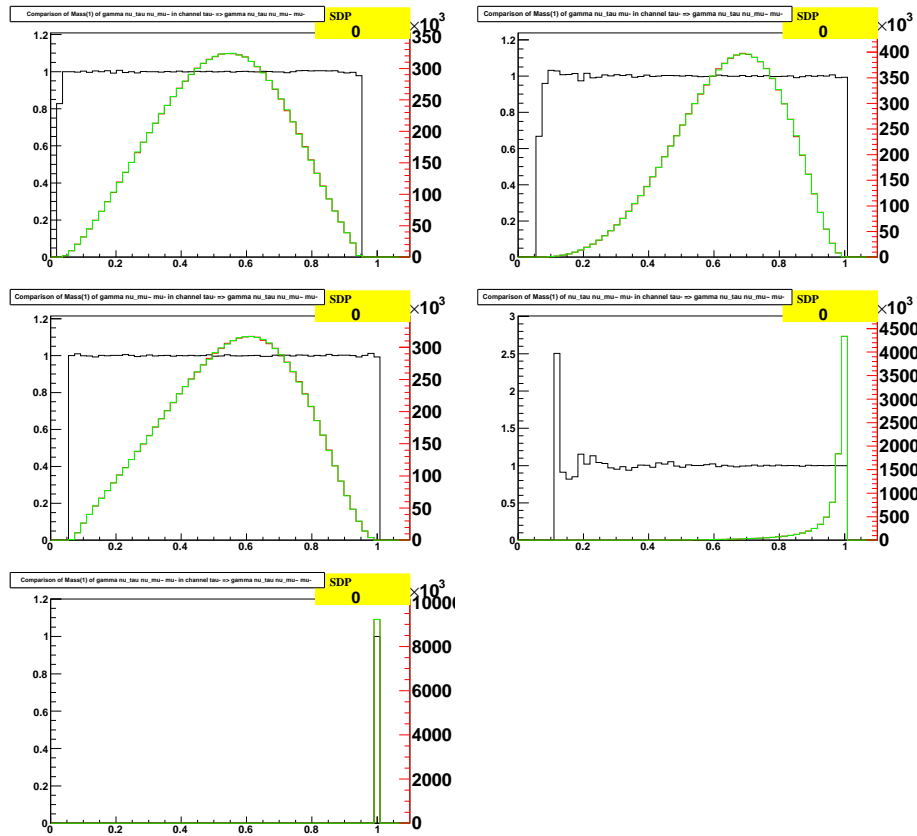


## 14 Decay Channel: $\tau^- \rightarrow \gamma \nu_\tau \tilde{\nu}_\mu \mu^-$

Number of events from generator 1: 9208517 (scaled to generator2)

Number of events from generator 2: 9226697

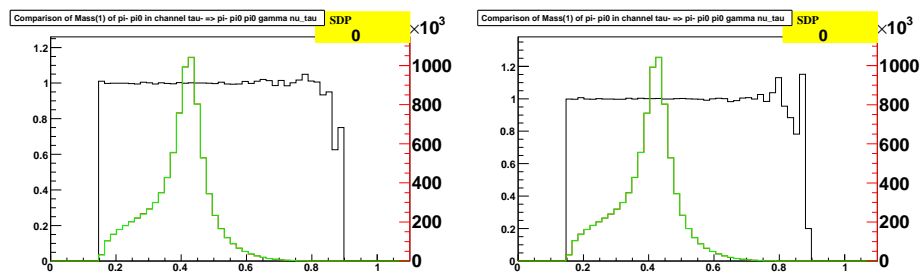


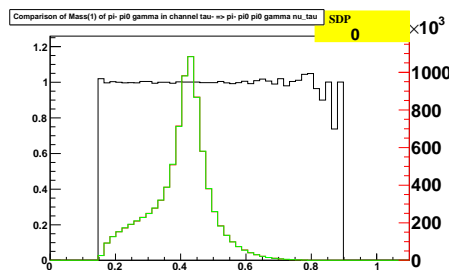
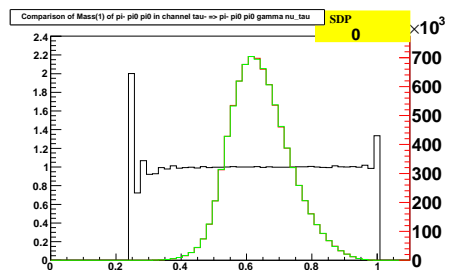
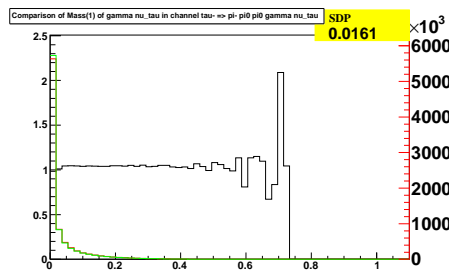
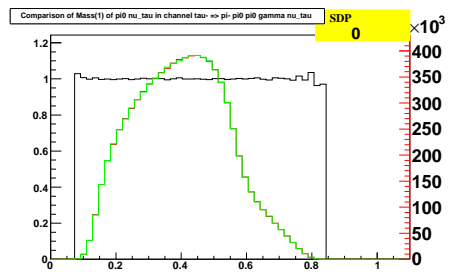
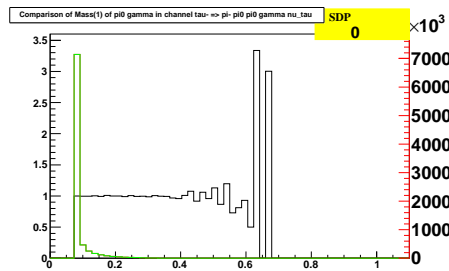
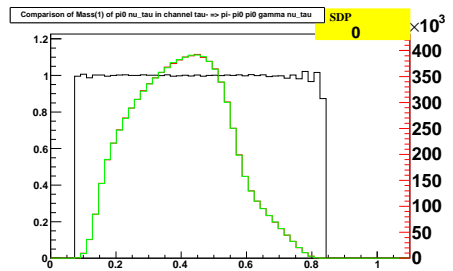
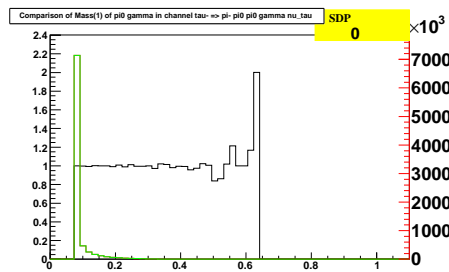
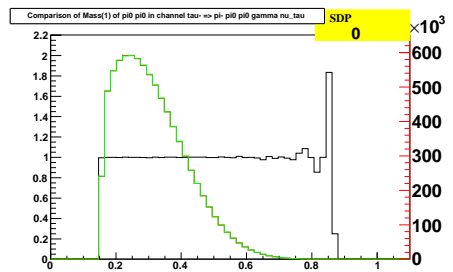
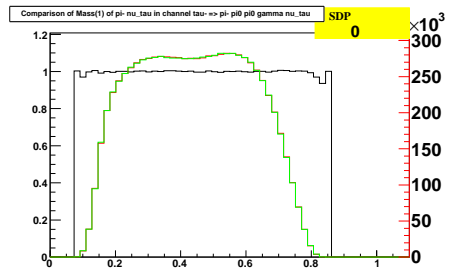
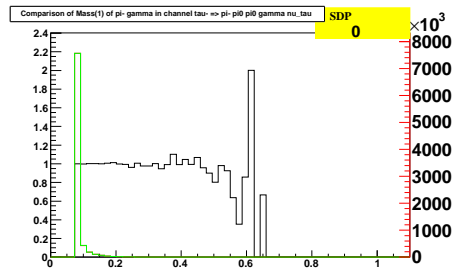


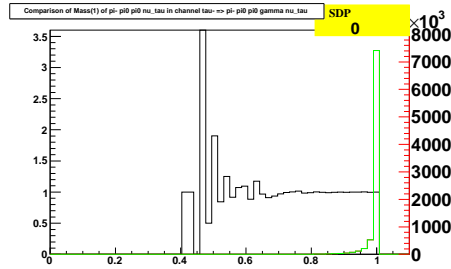
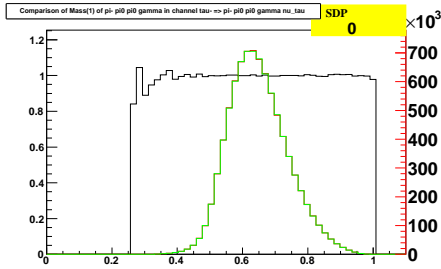
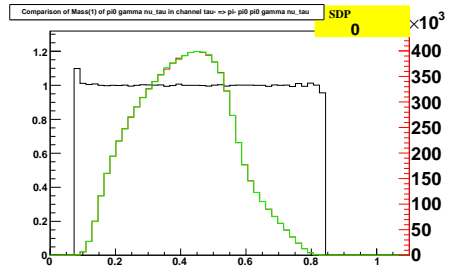
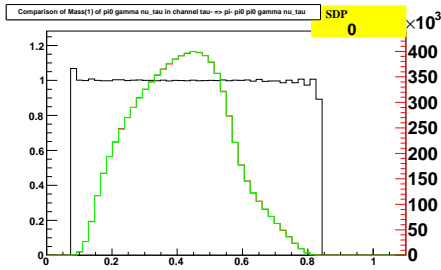
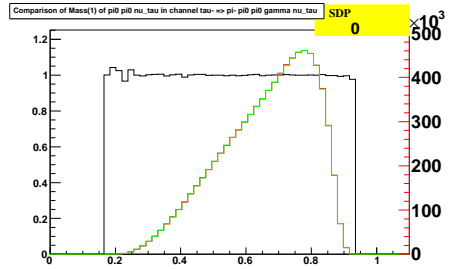
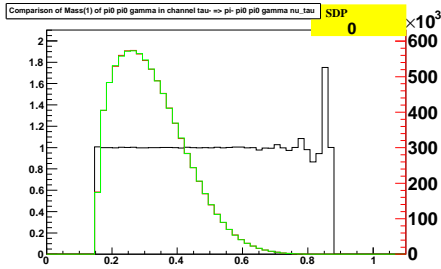
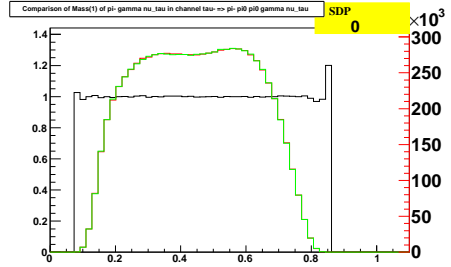
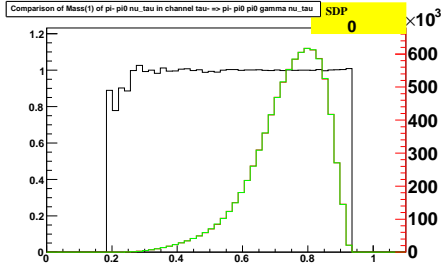
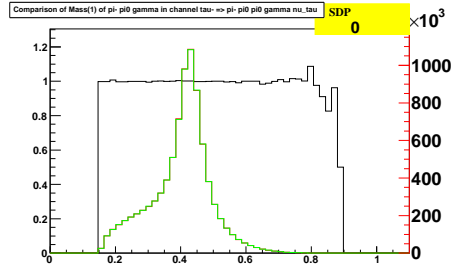
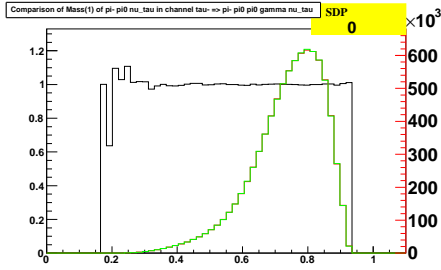
## 15 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 8489400 (scaled to generator2)

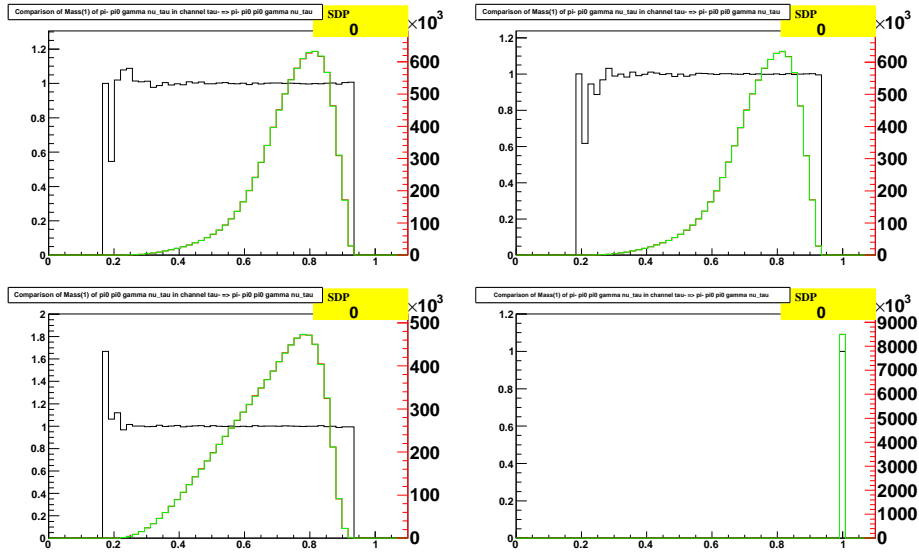
Number of events from generator 2: 8495414







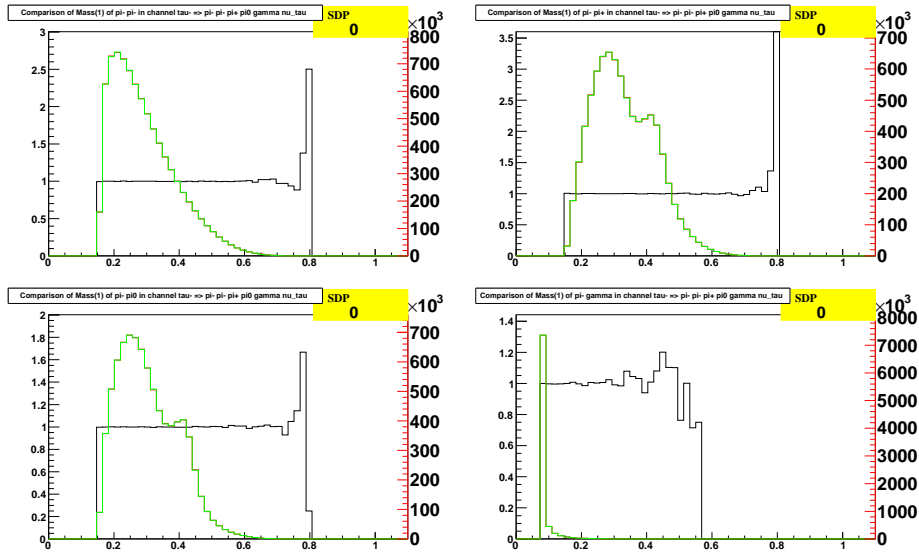


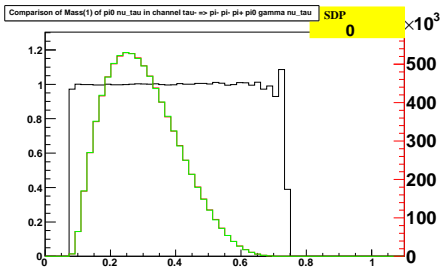
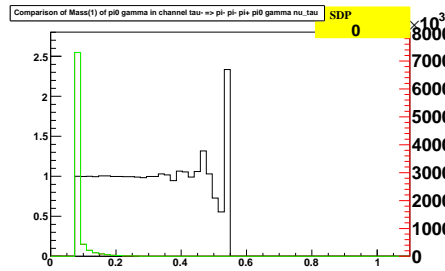
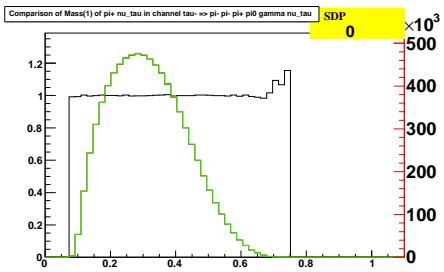
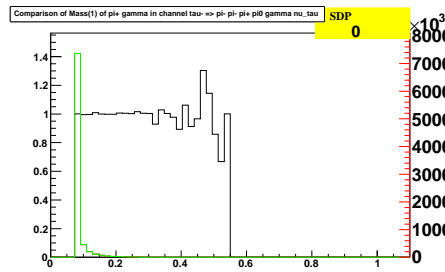
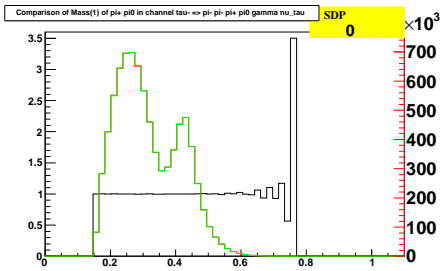
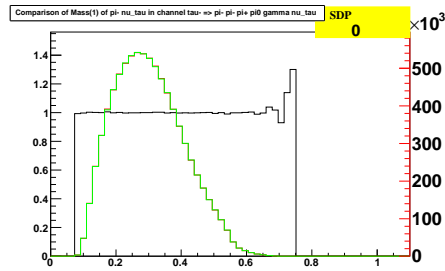
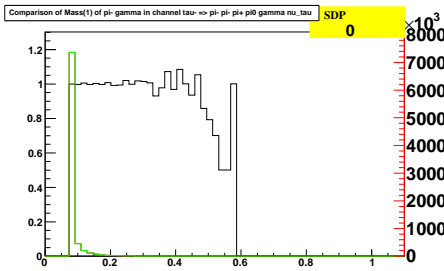
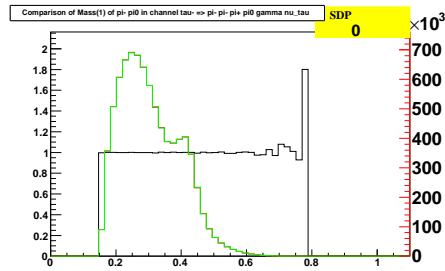
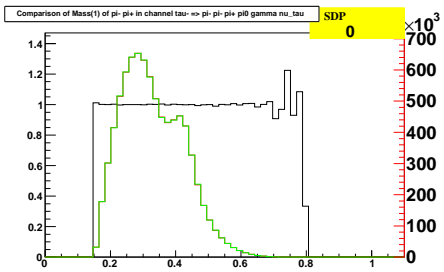
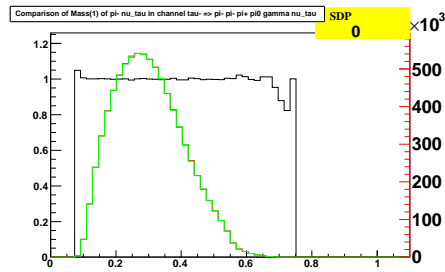


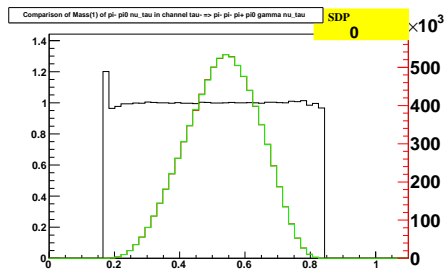
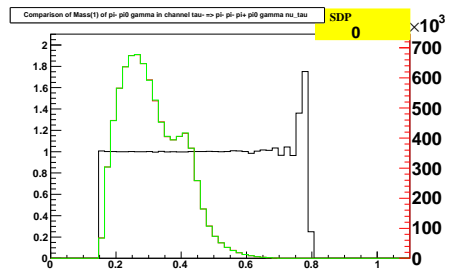
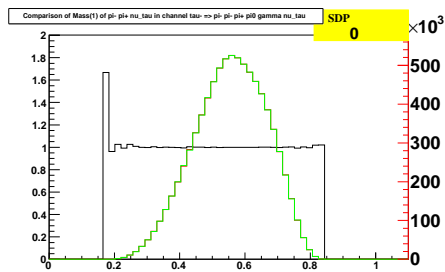
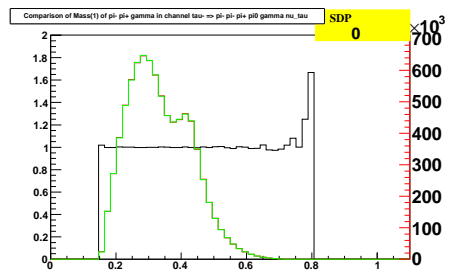
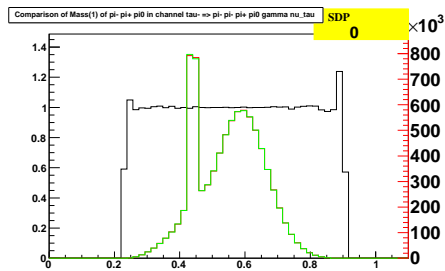
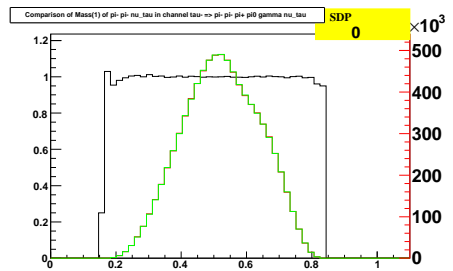
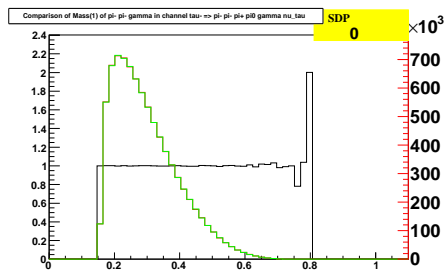
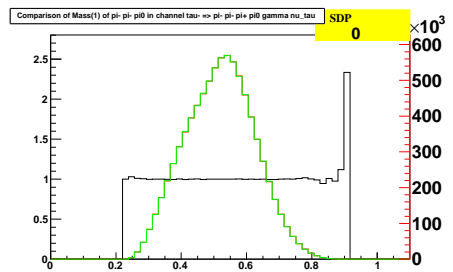
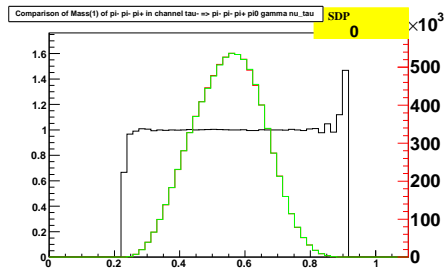
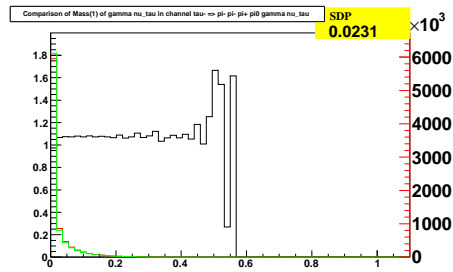
## 16 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \gamma \nu_\tau$

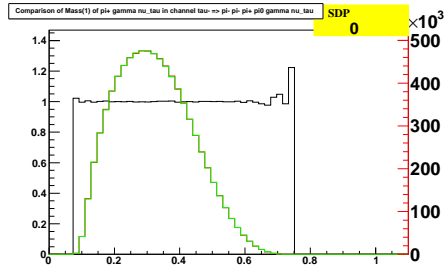
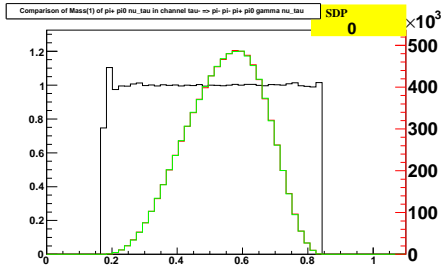
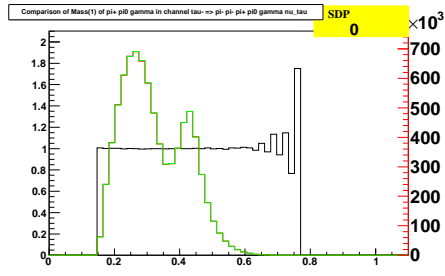
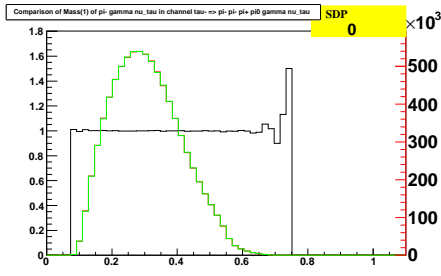
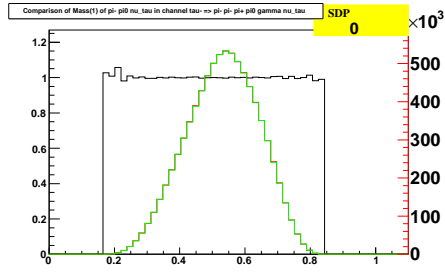
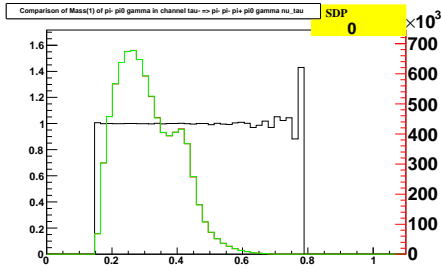
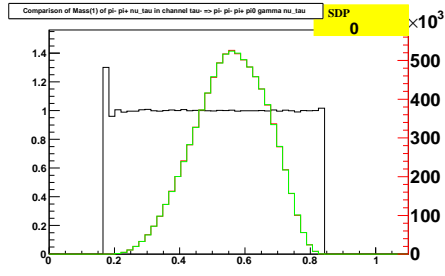
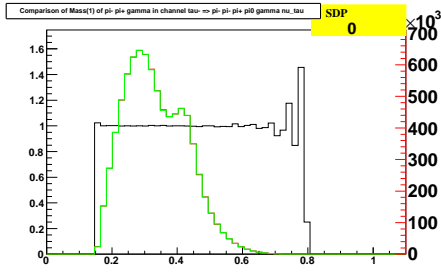
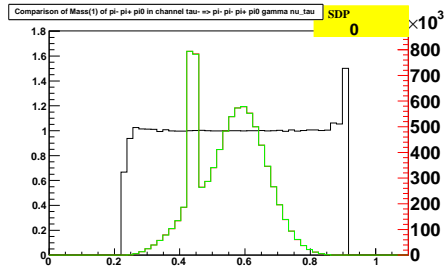
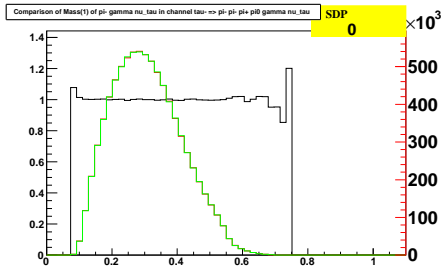
Number of events from generator 1: 8355966 (scaled to generator2)

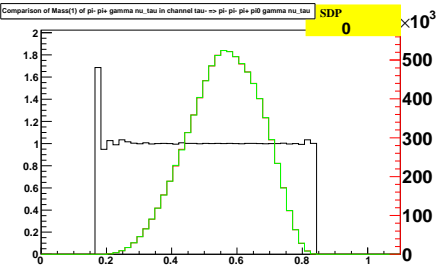
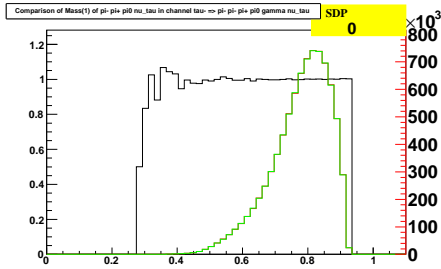
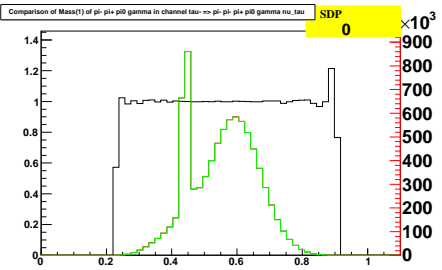
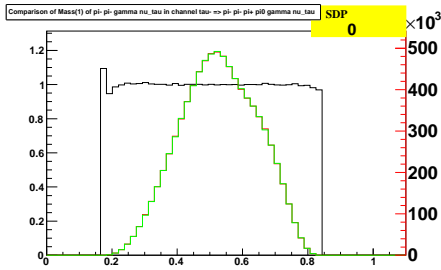
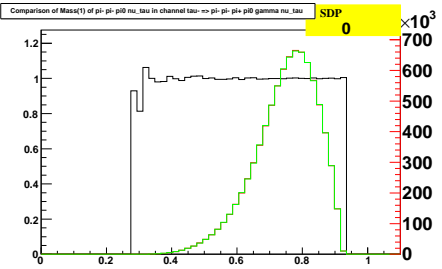
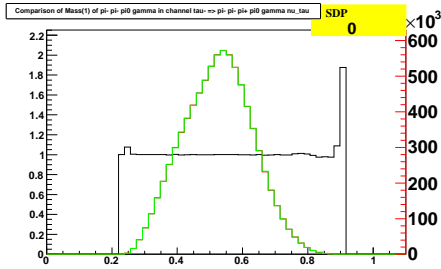
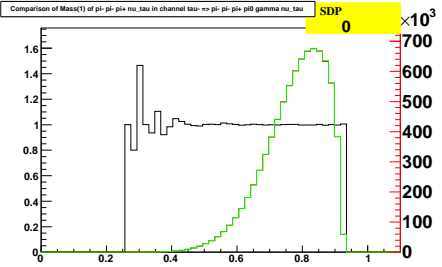
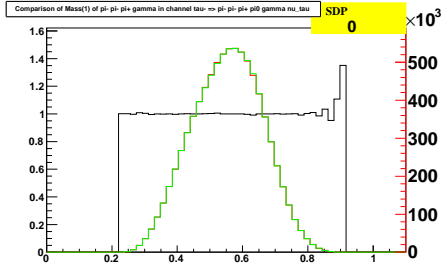
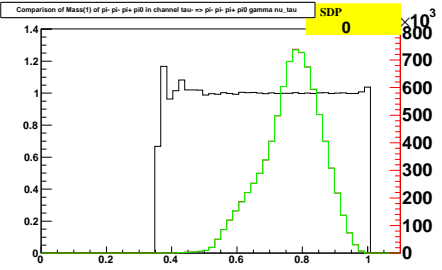
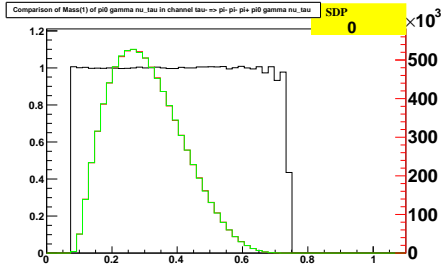
Number of events from generator 2: 8363088

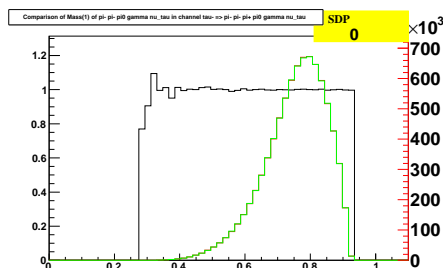
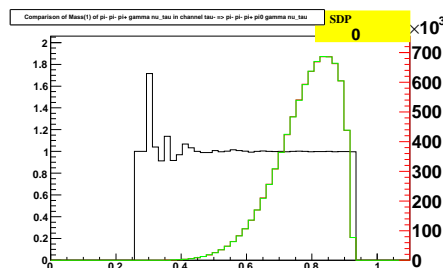
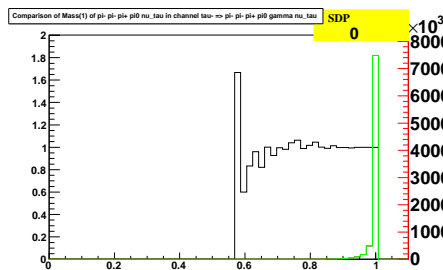
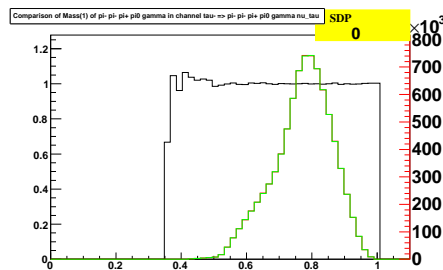
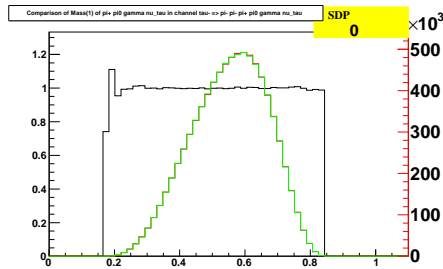
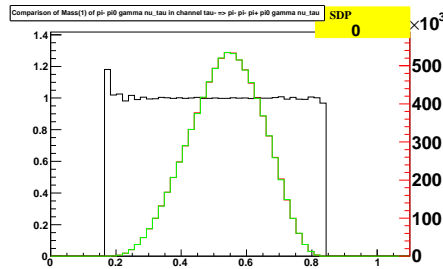
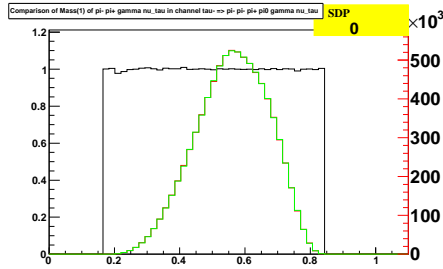
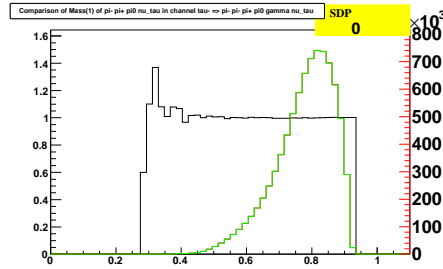
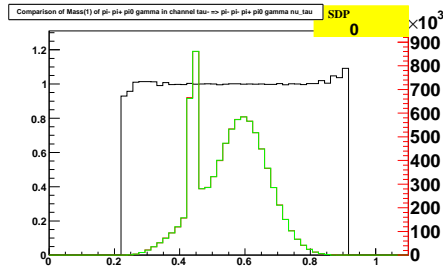
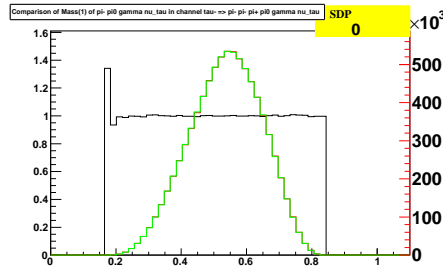


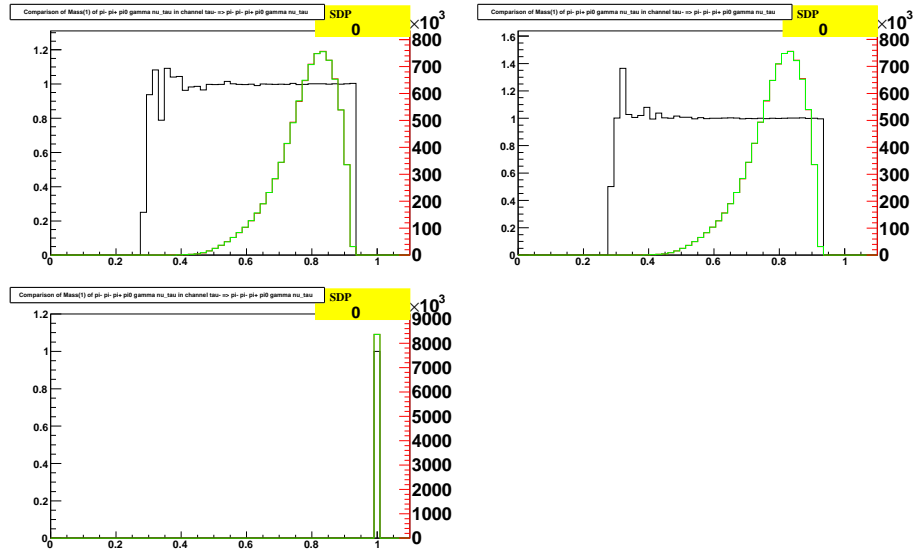








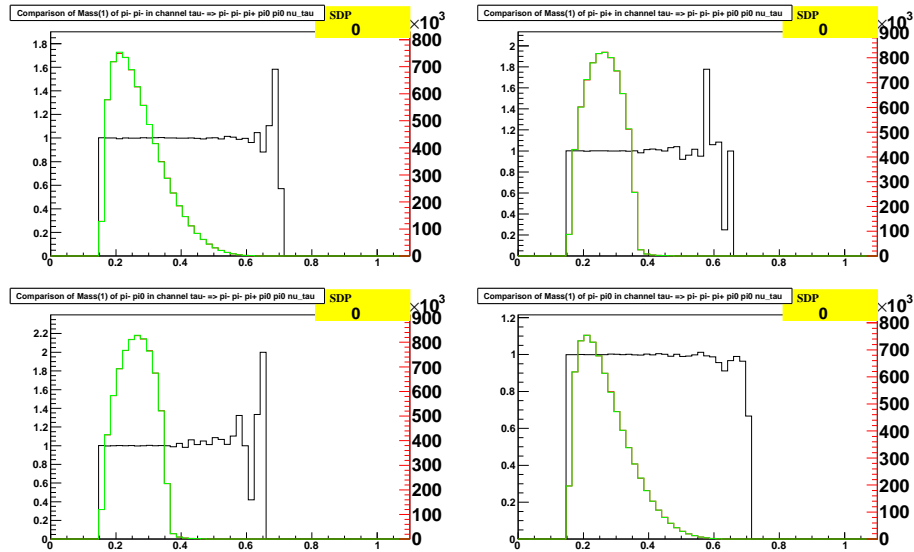


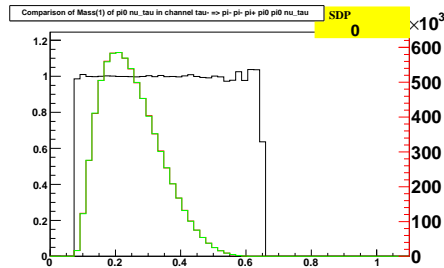
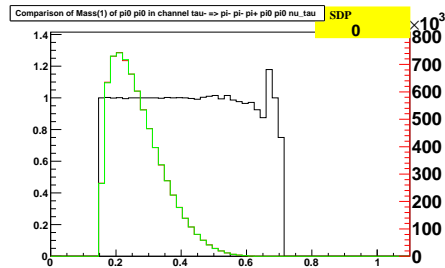
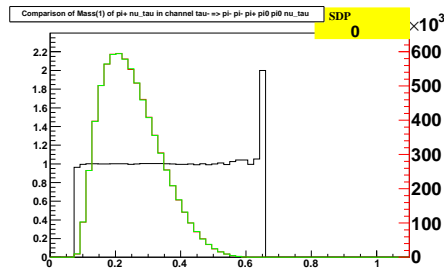
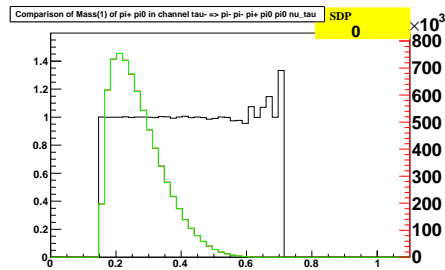
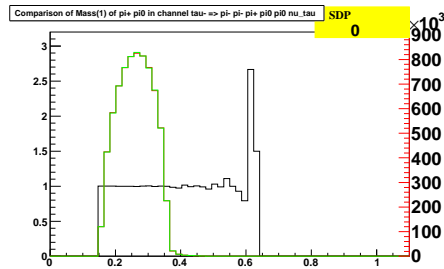
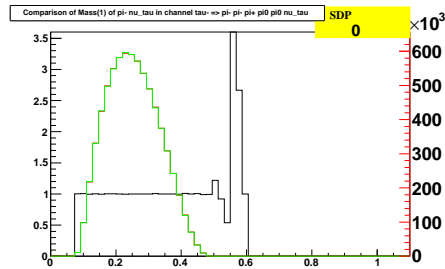
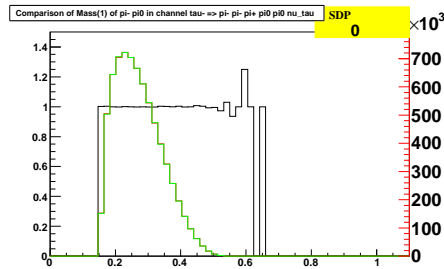
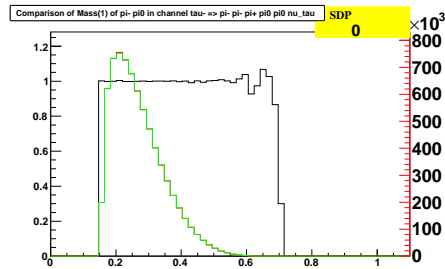
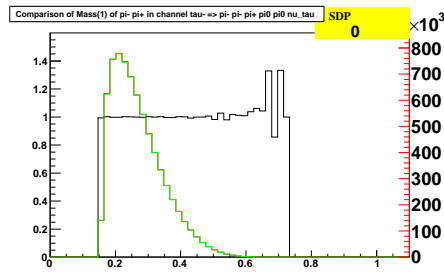
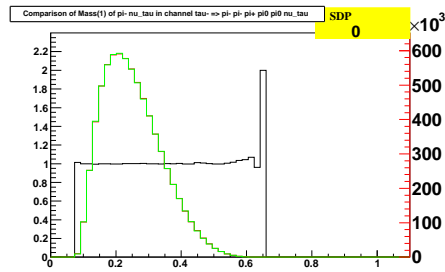


## 17 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \nu_\tau$

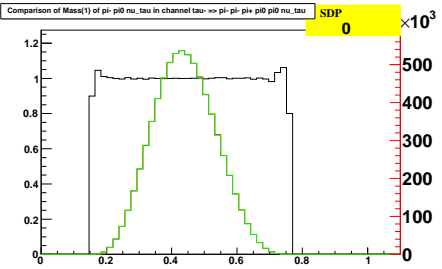
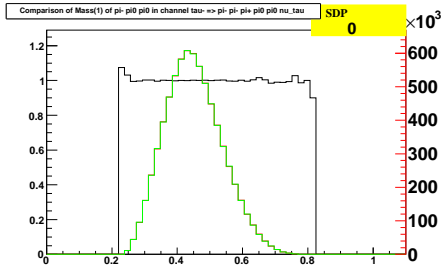
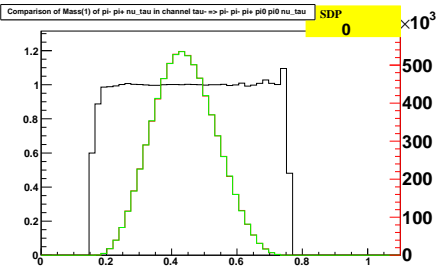
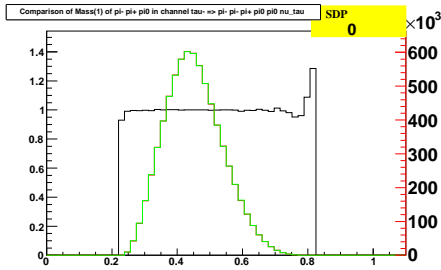
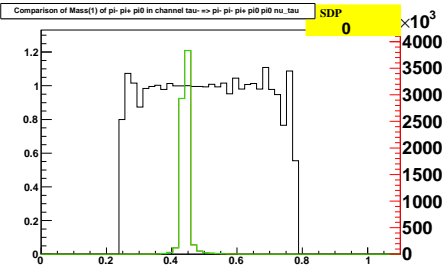
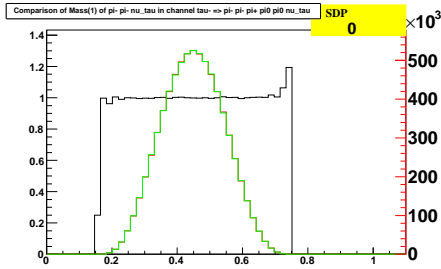
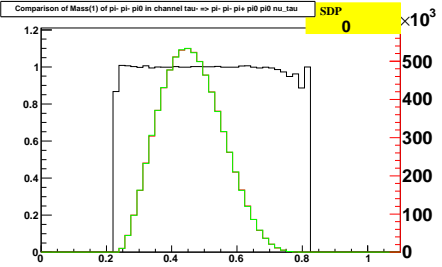
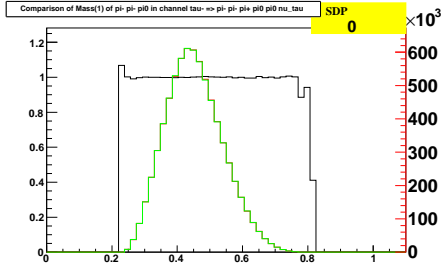
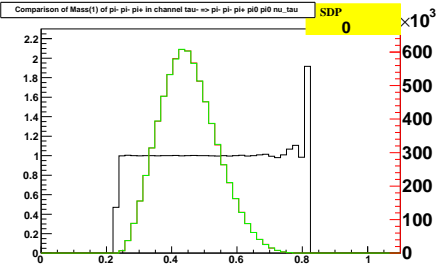
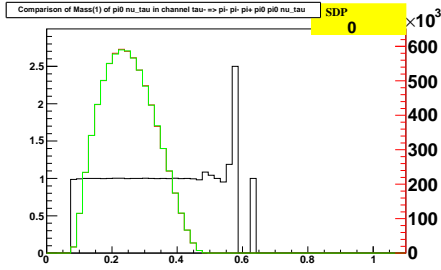
Number of events from generator 1: 7269055

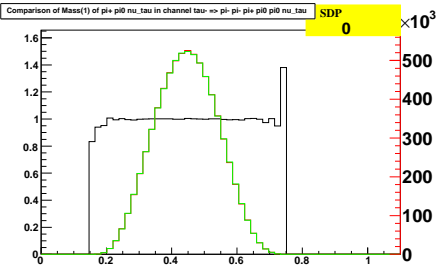
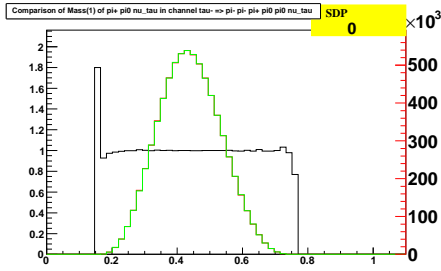
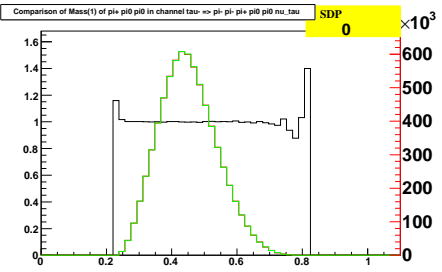
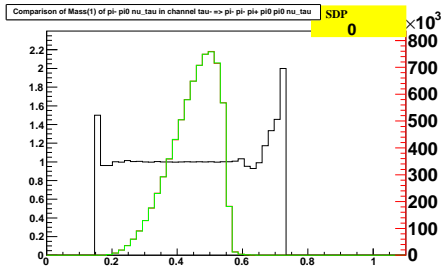
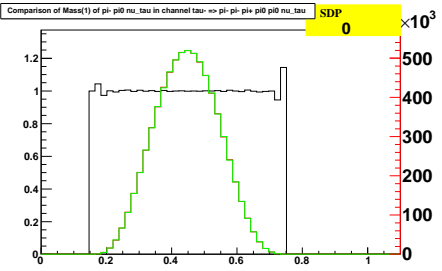
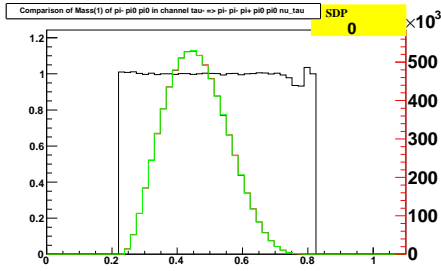
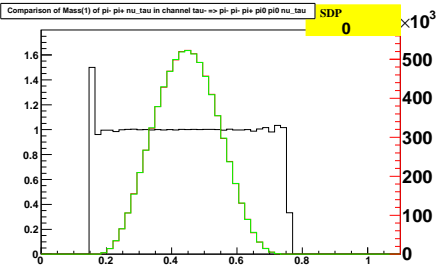
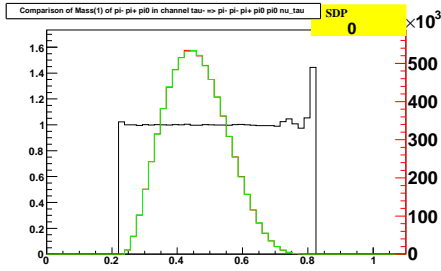
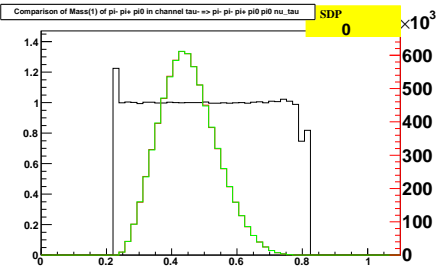
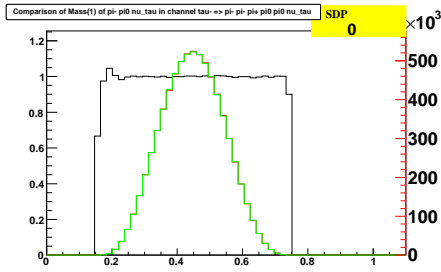
Number of events from generator 2: 7268600 (scaled to generator1)

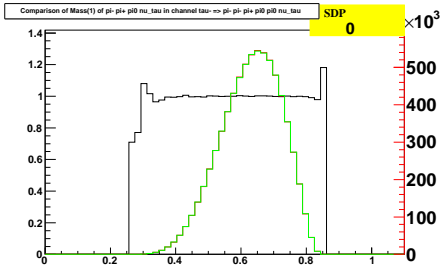
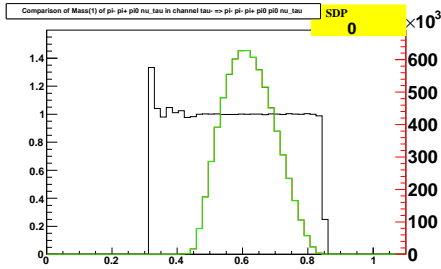
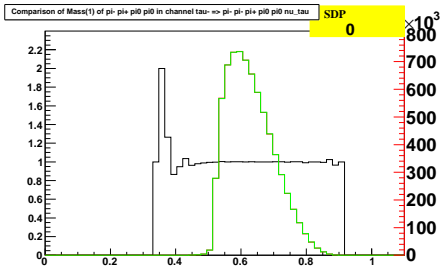
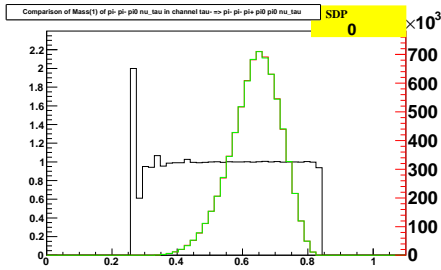
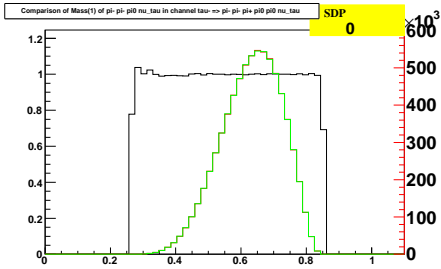
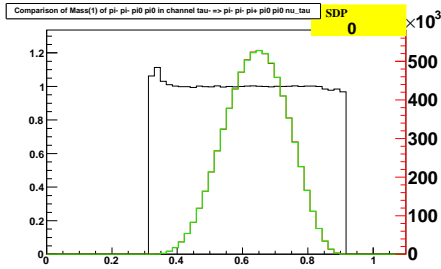
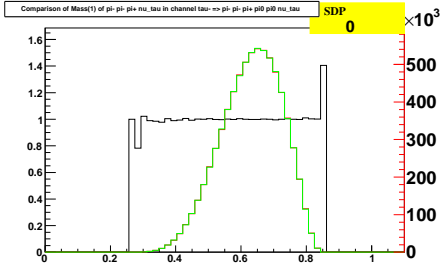
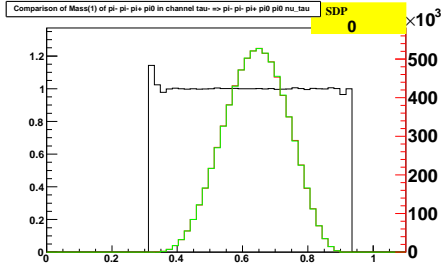
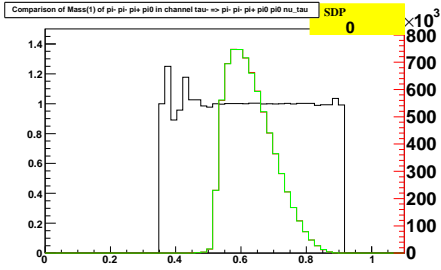
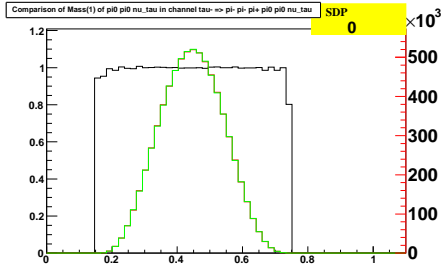


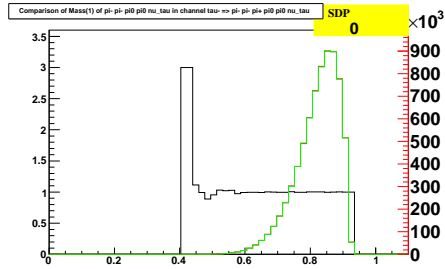
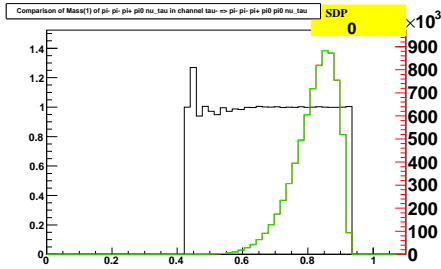
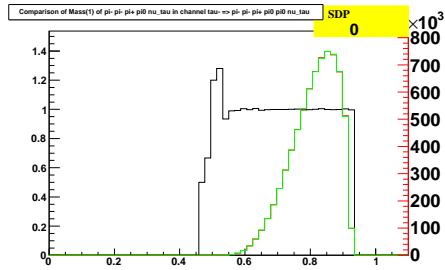
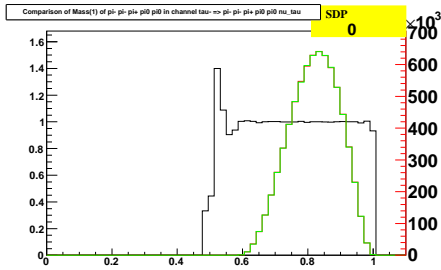
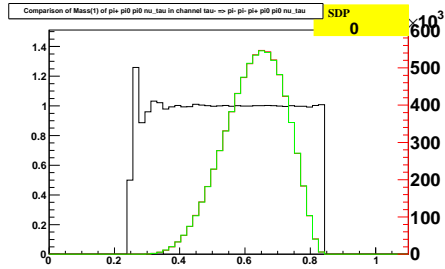
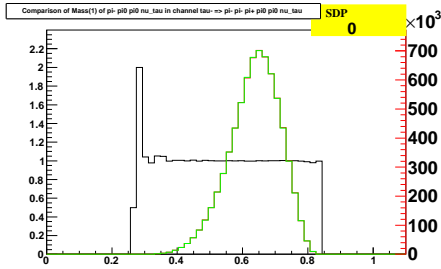
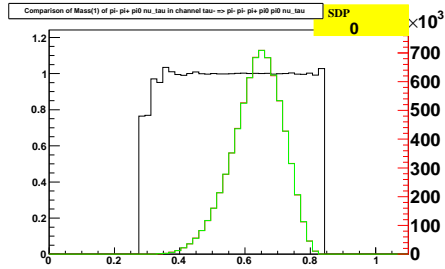
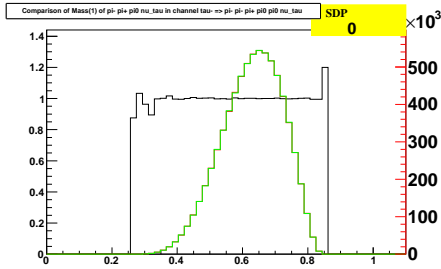
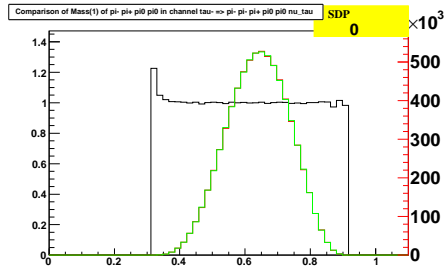
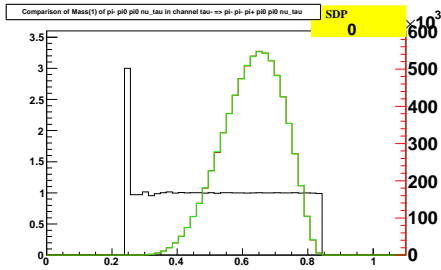


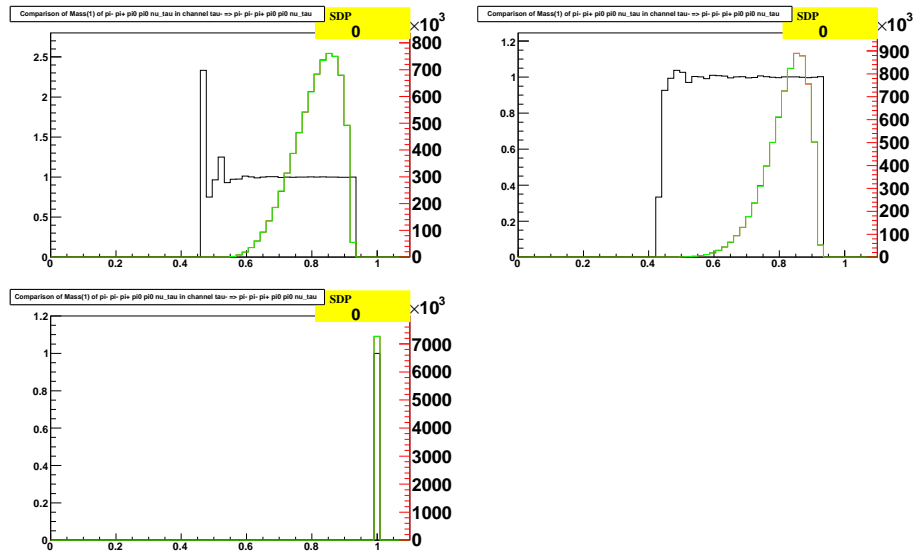








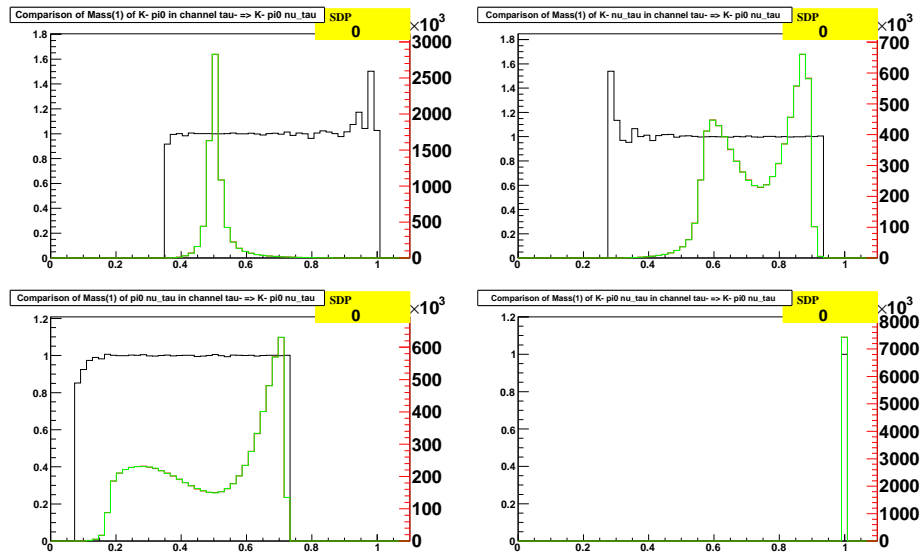




## 18 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \nu_\tau$

Number of events from generator 1: 7237075 (scaled to generator2)

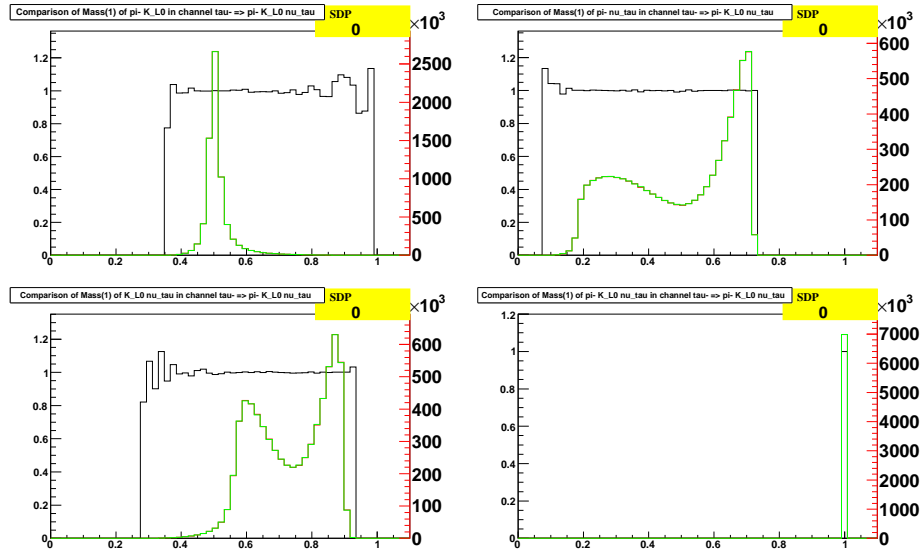
Number of events from generator 2: 7427181



## 19 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \nu_\tau$

Number of events from generator 1: 6985984

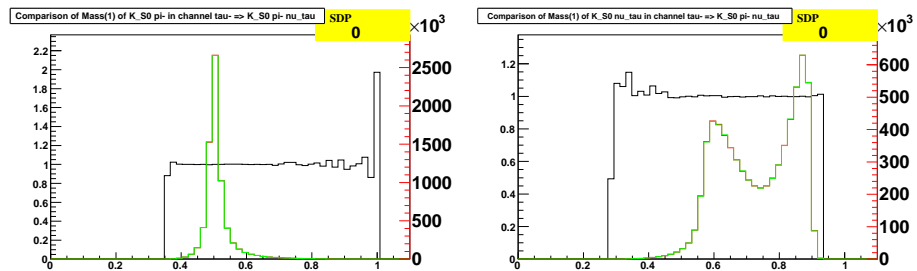
Number of events from generator 2: 6889645 (scaled to generator1)

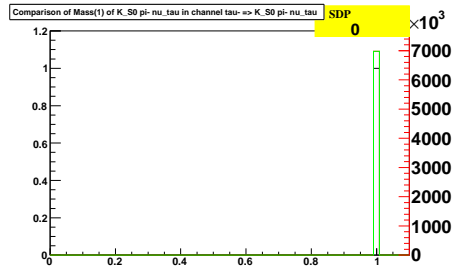
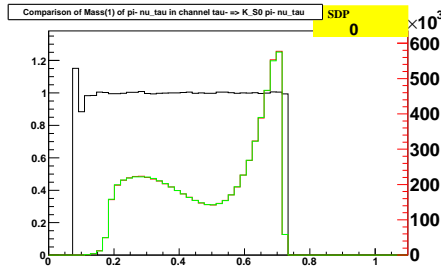


## 20 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \nu_\tau$

Number of events from generator 1: 6978334

Number of events from generator 2: 6884636 (scaled to generator1)

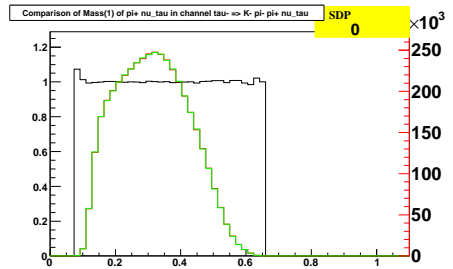
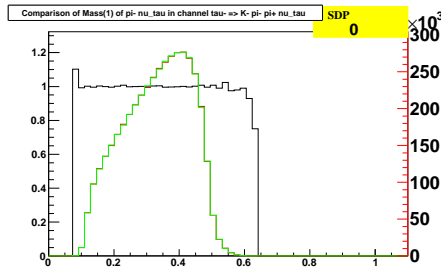
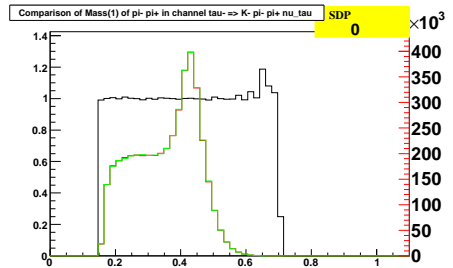
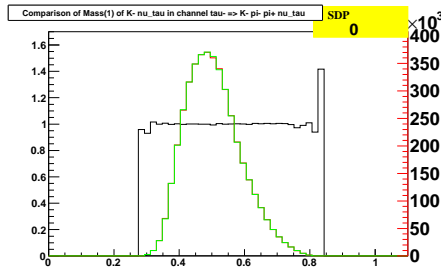
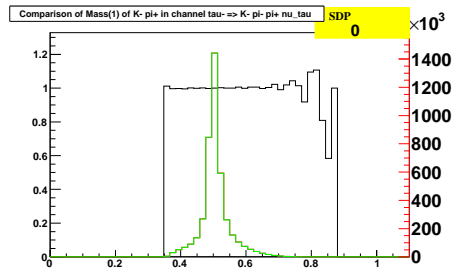
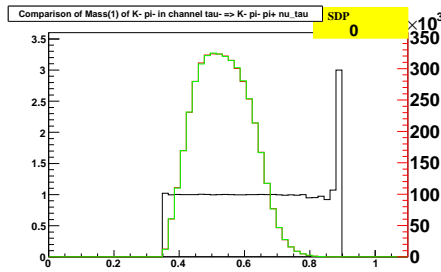


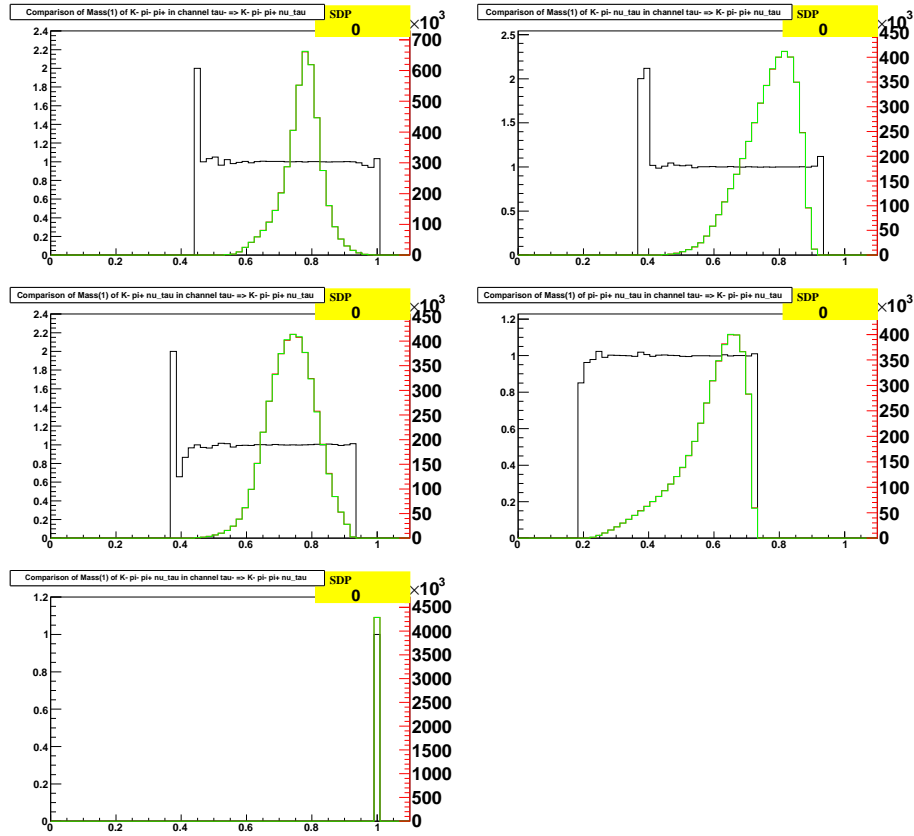


## 21 Decay Channel: $\tau^- \rightarrow K^- \pi^- \pi^+ \nu_\tau$

Number of events from generator 1: 4286283 (scaled to generator2)

Number of events from generator 2: 4287415

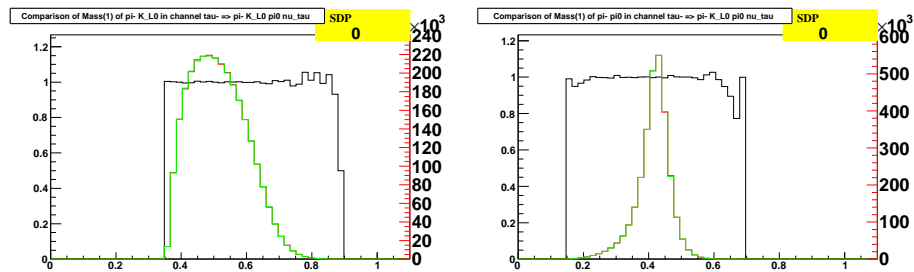




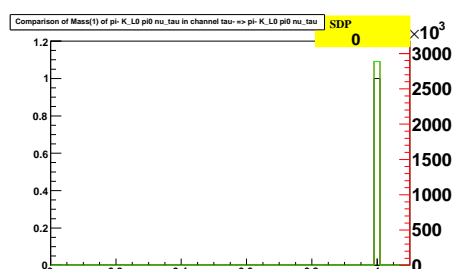
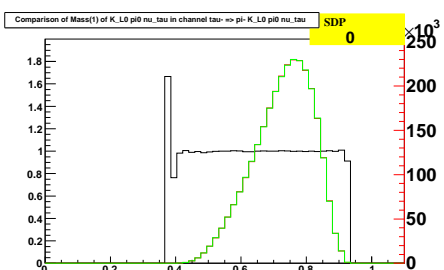
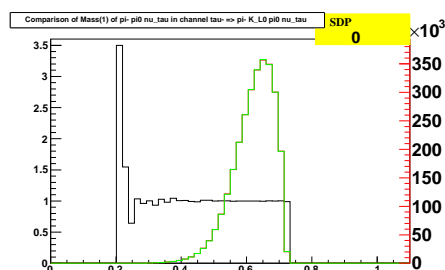
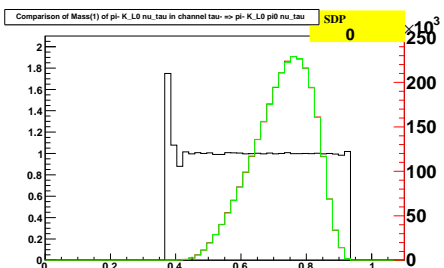
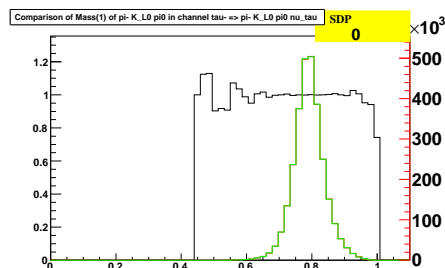
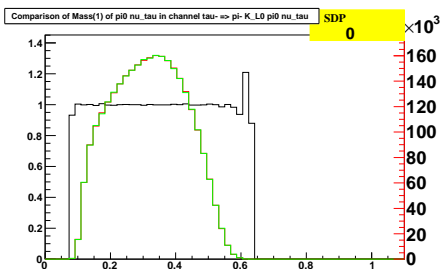
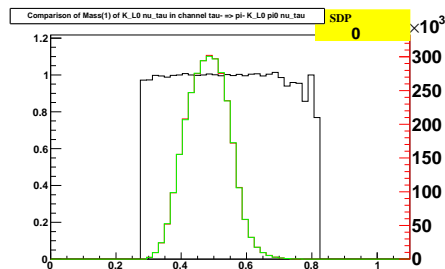
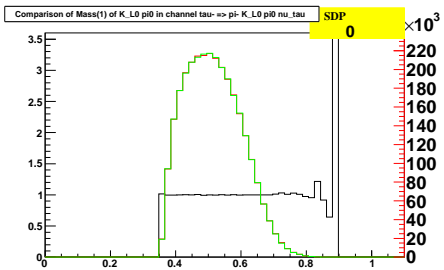
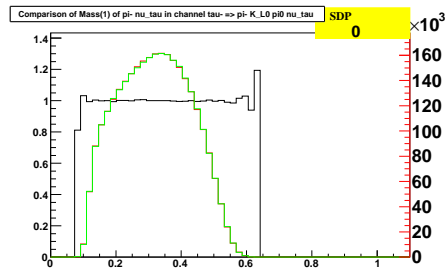
## 22 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \pi^0 \nu_\tau$

Number of events from generator 1: 2886831

Number of events from generator 2: 2886528 (scaled to generator 1)



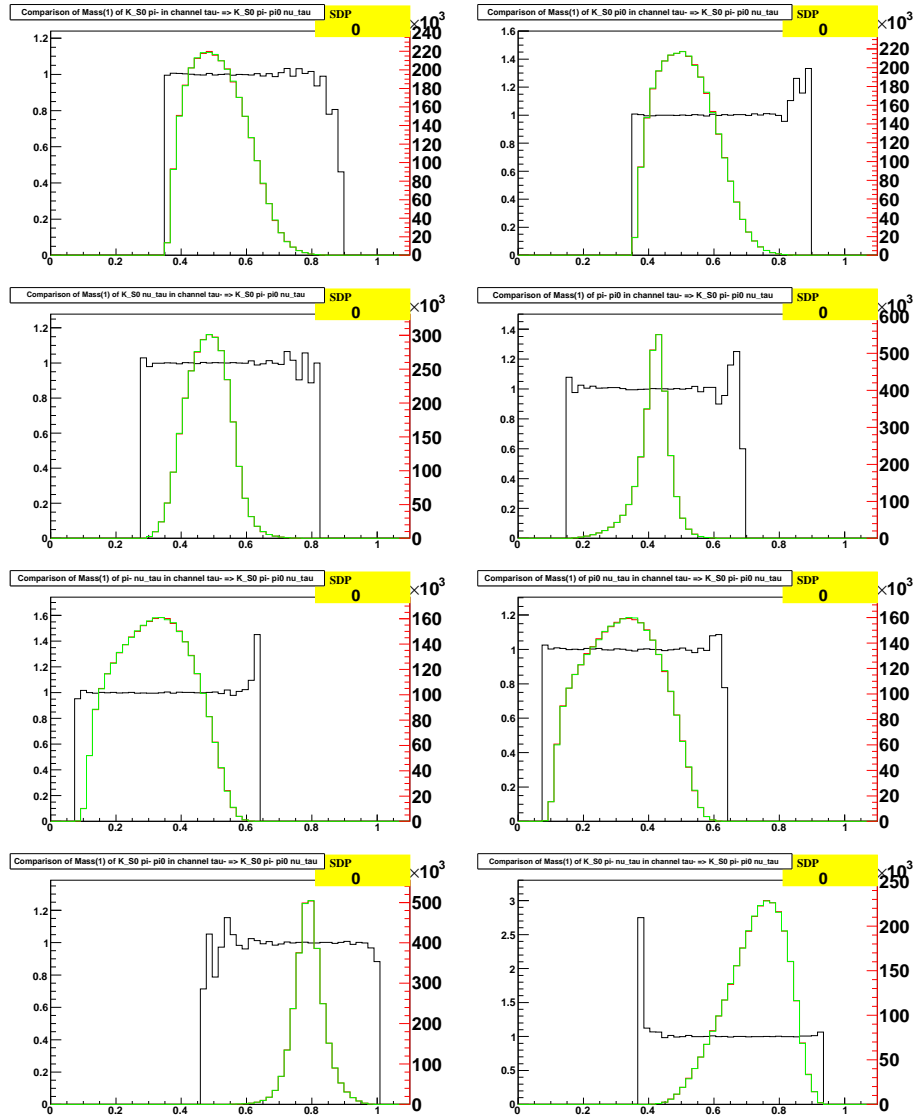


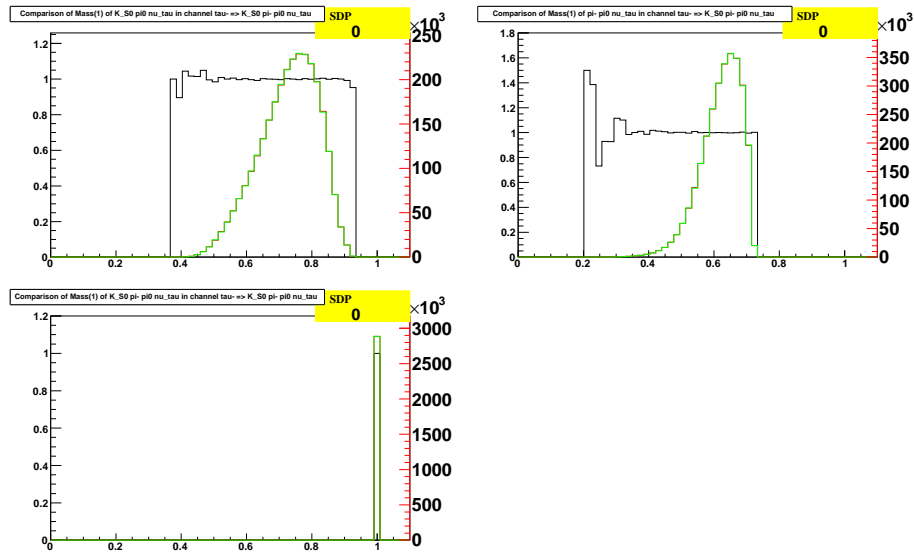


## 23 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \pi^0 \nu_\tau$

Number of events from generator 1: 2885649 (scaled to generator2)

Number of events from generator 2: 2885806

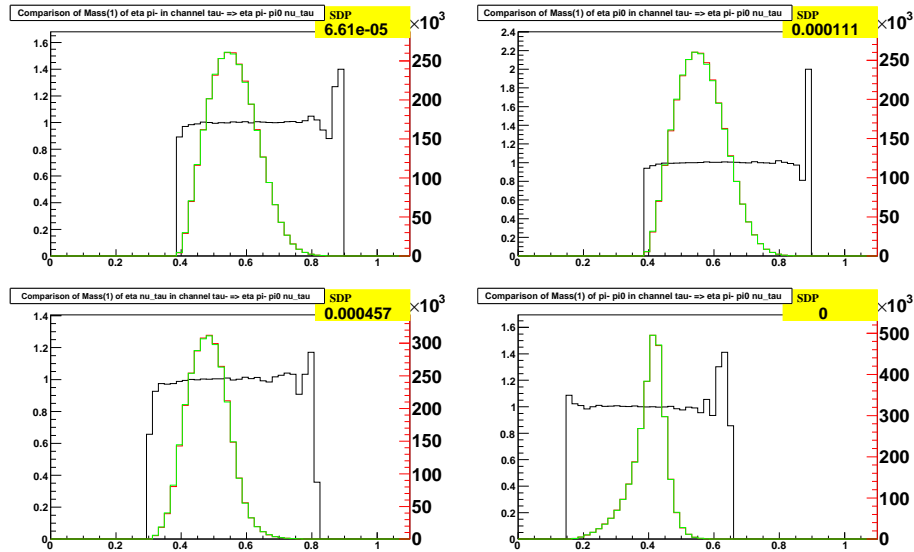


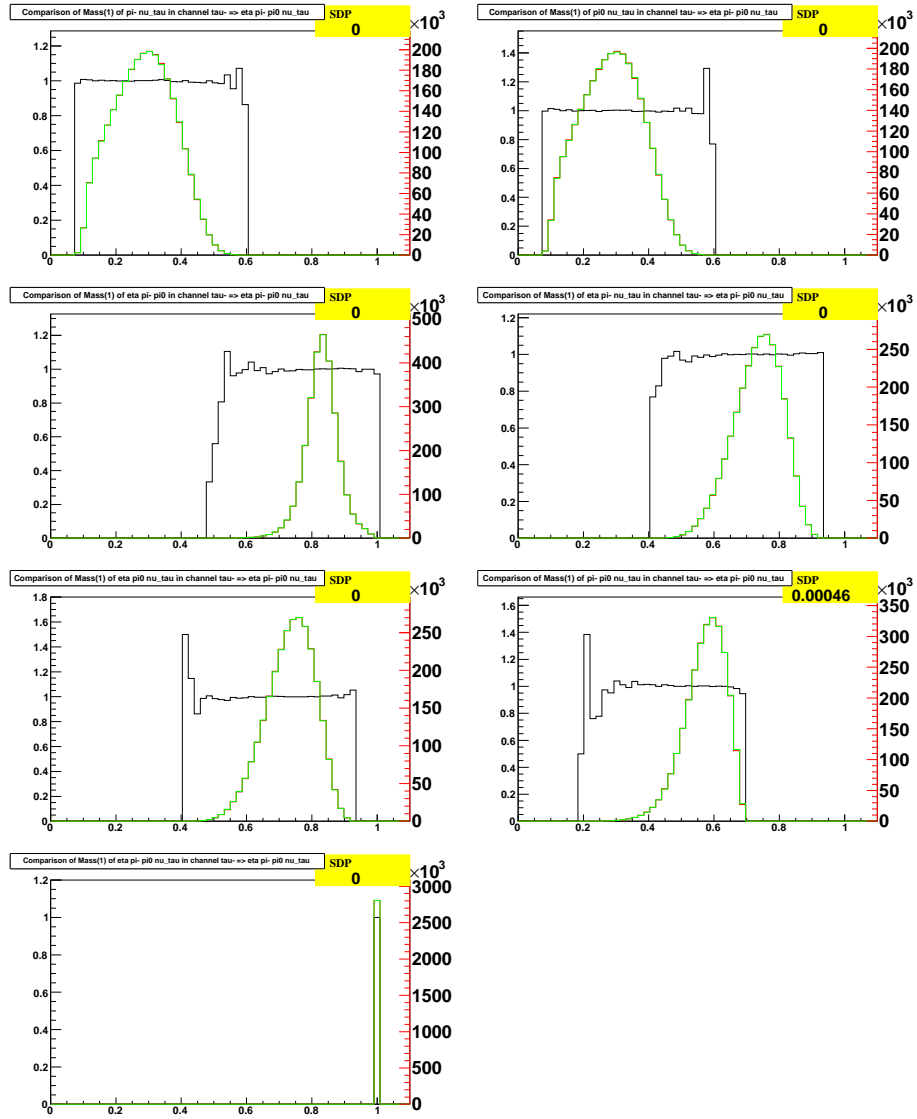


## 24 Decay Channel: $\tau^- \rightarrow \eta \pi^- \pi^0 \nu_\tau$

Number of events from generator 1: 2805377 (scaled to generator2)

Number of events from generator 2: 2805546

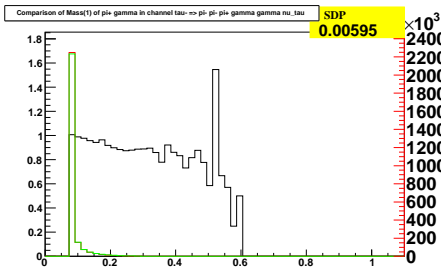
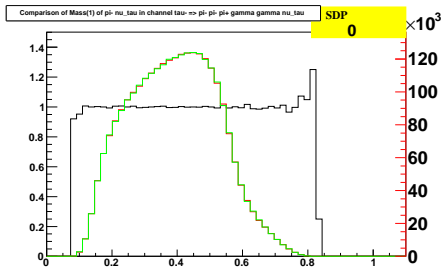
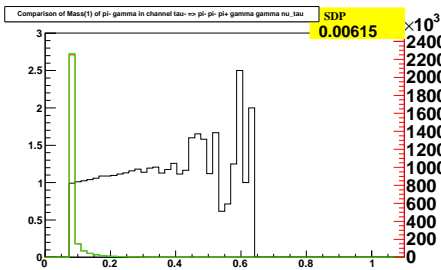
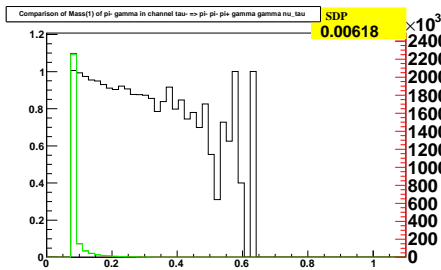
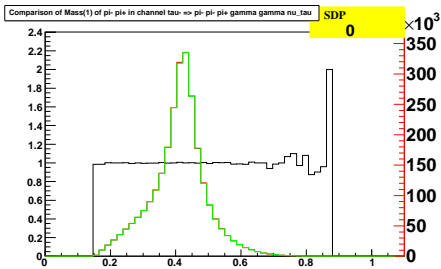
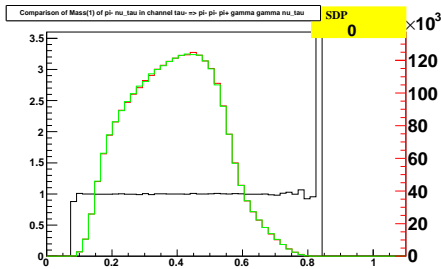
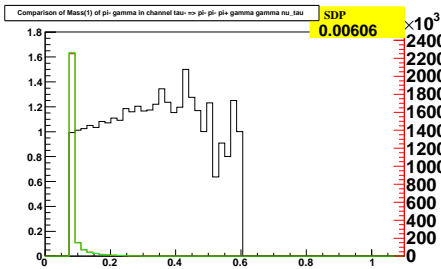
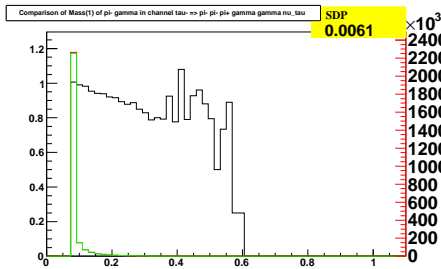
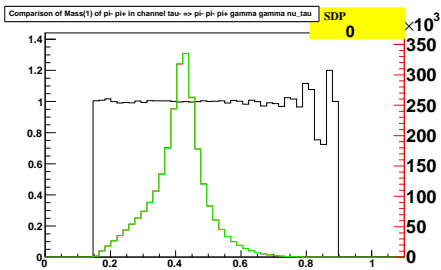
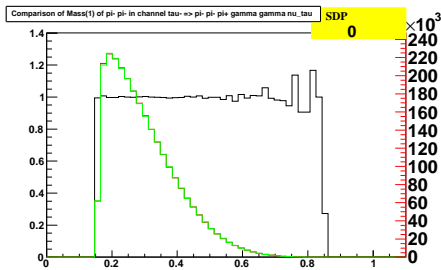


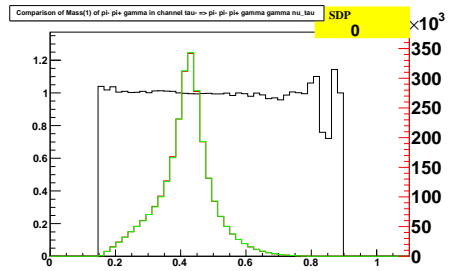
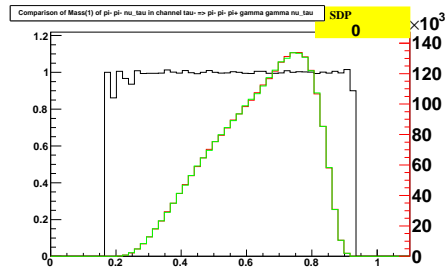
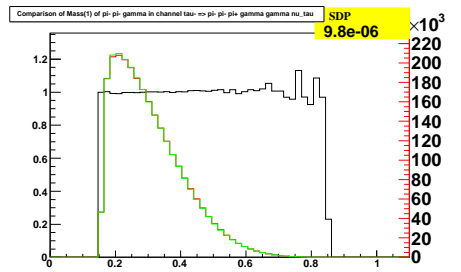
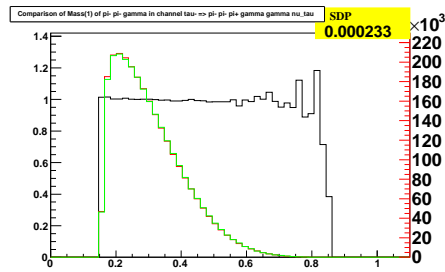
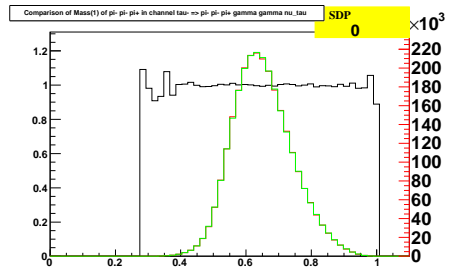
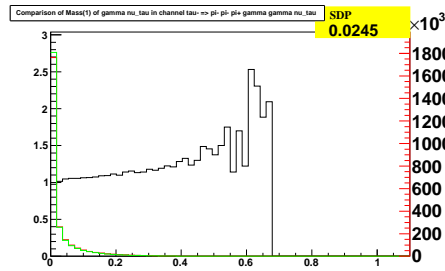
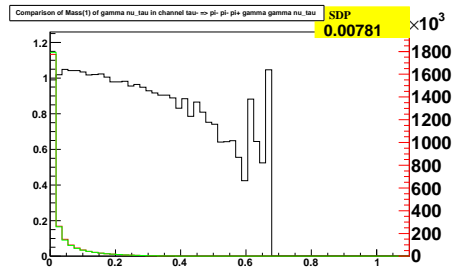
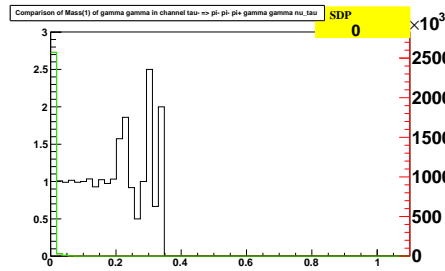
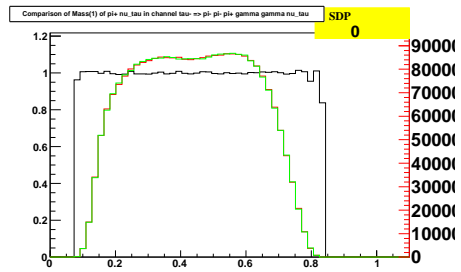
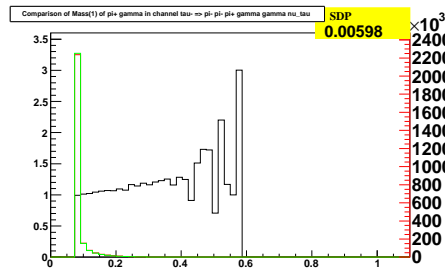


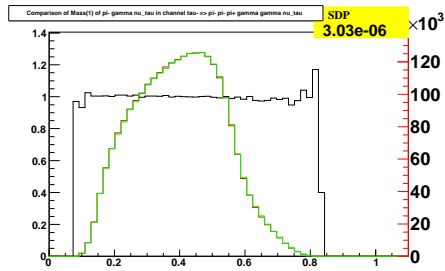
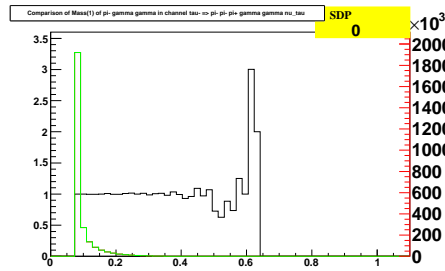
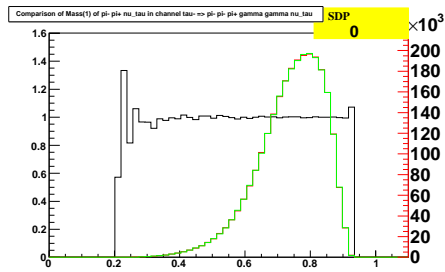
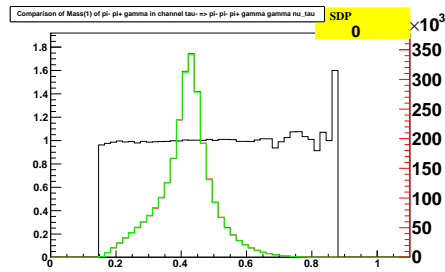
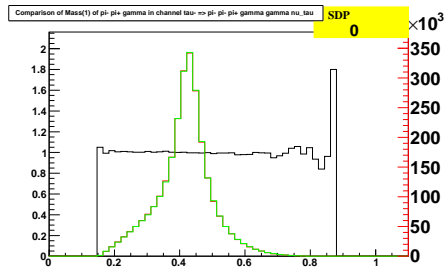
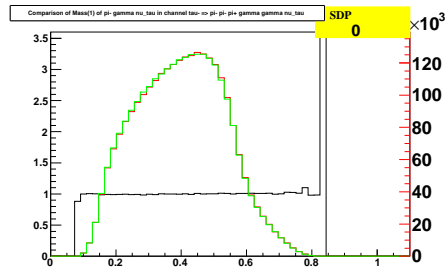
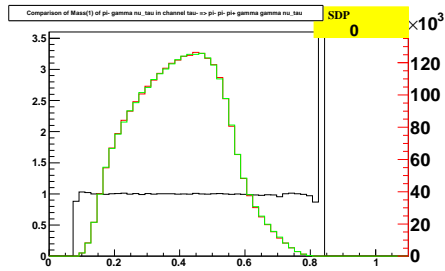
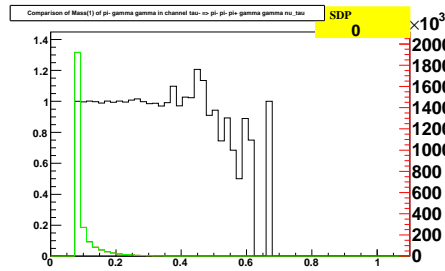
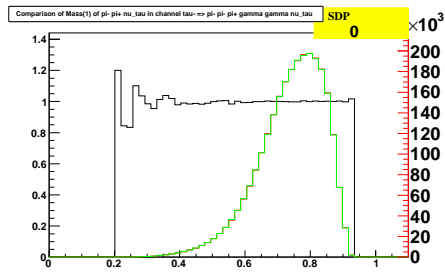
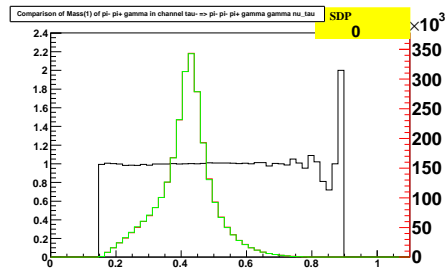
## 25 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \gamma \nu_\tau$

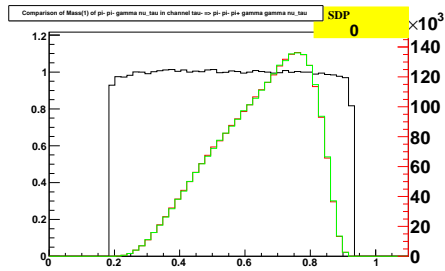
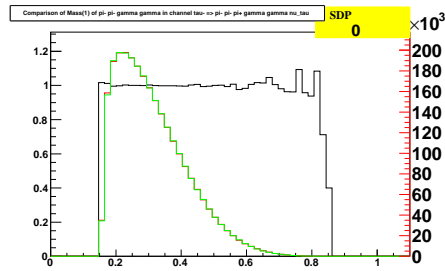
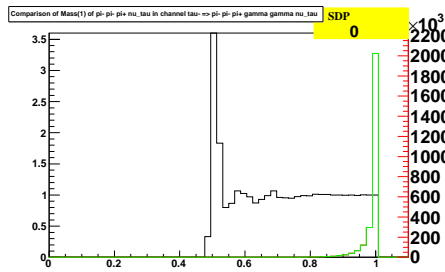
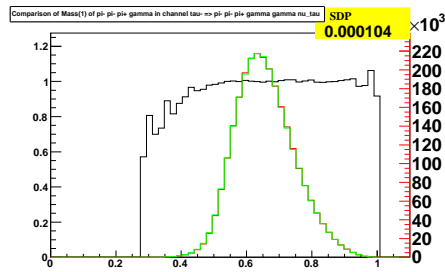
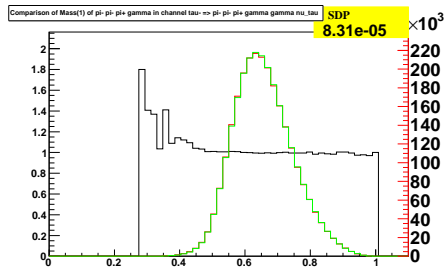
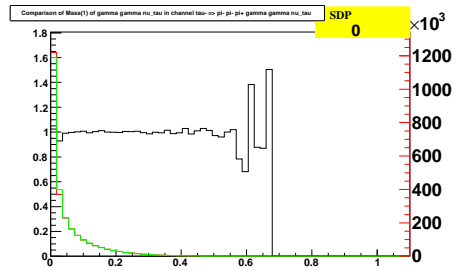
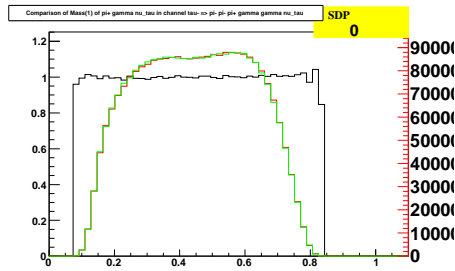
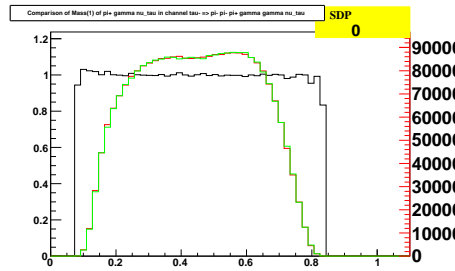
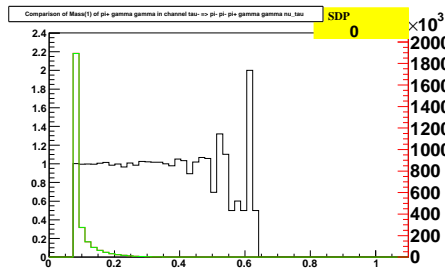
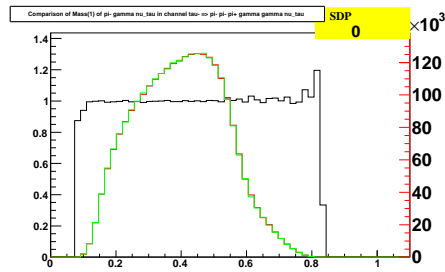
Number of events from generator 1: 2623071 (scaled to generator2)

Number of events from generator 2: 2624274

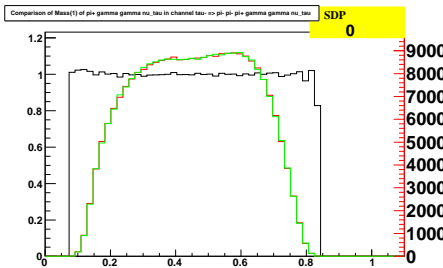
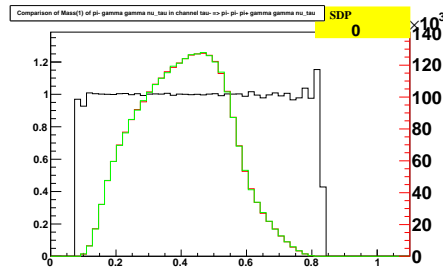
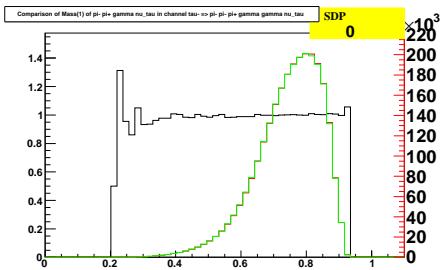
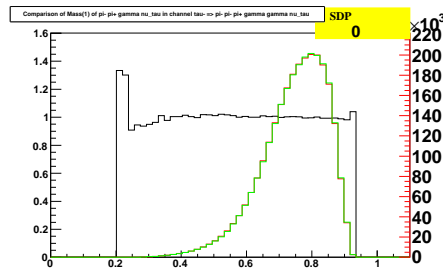
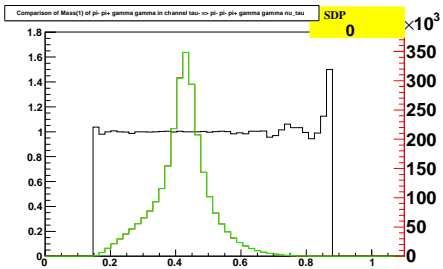
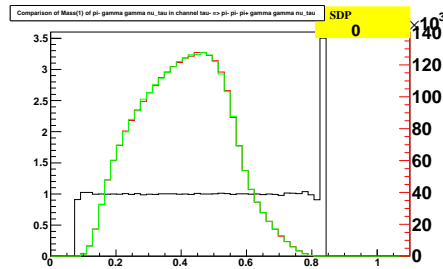
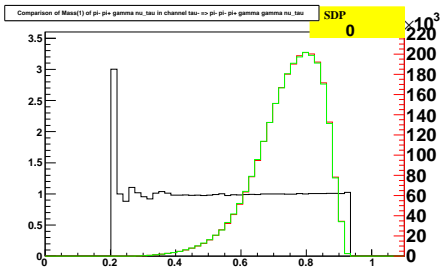
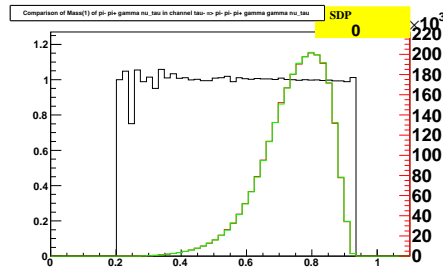
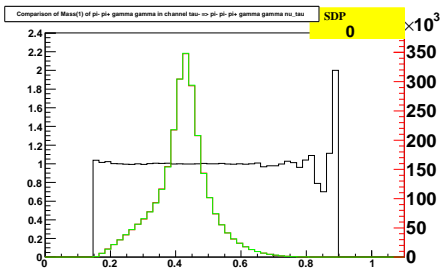
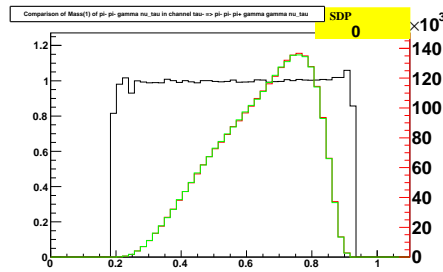


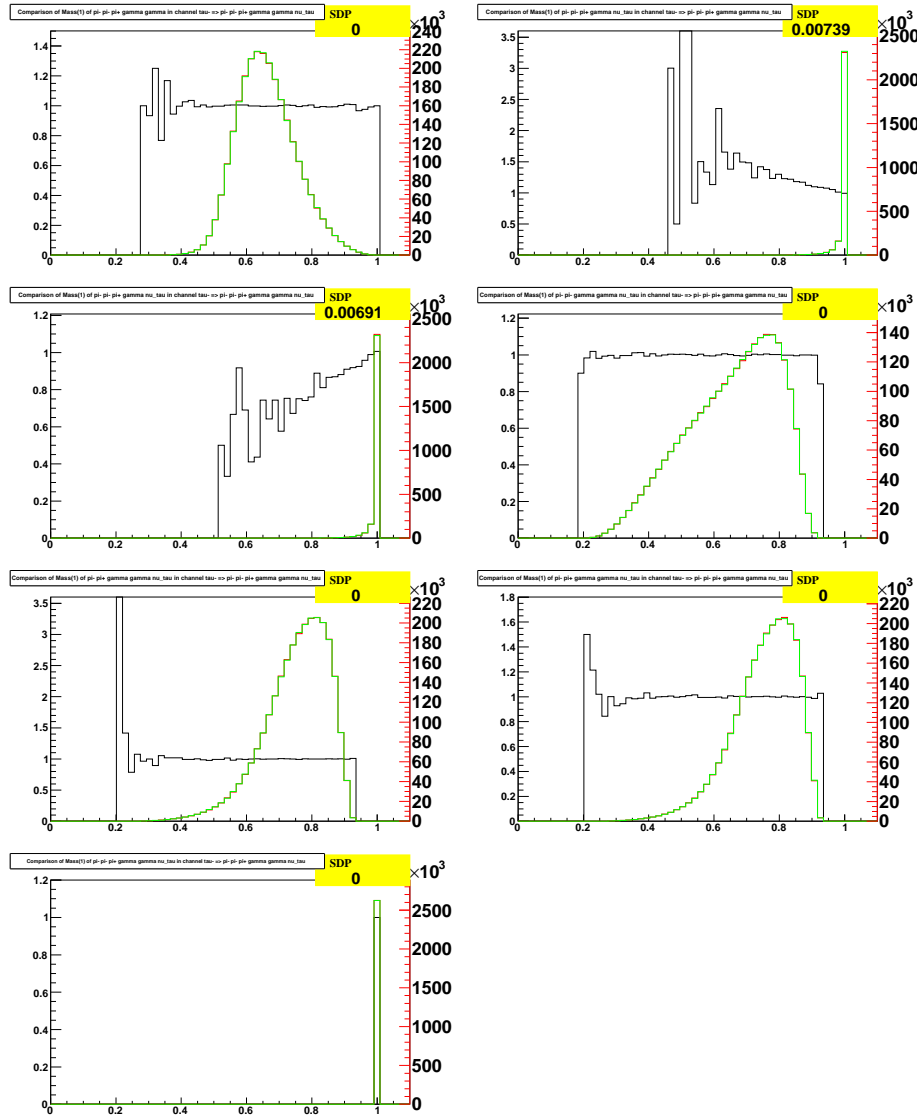








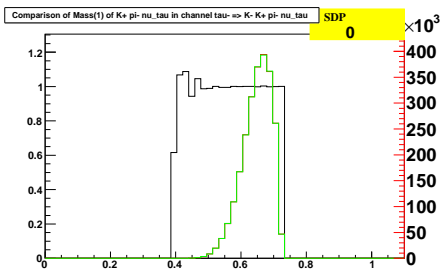
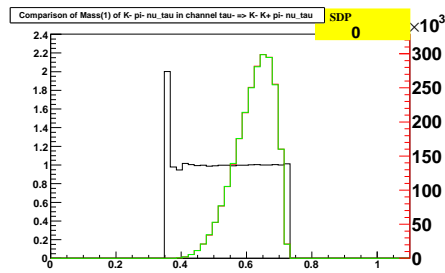
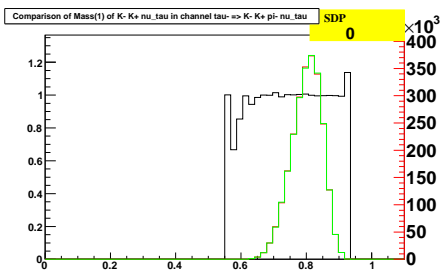
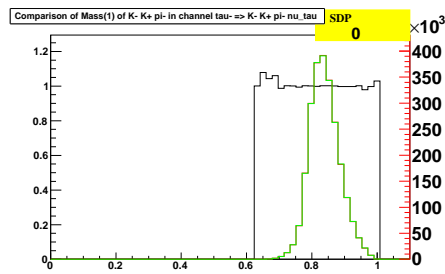
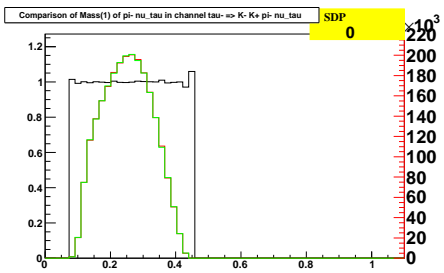
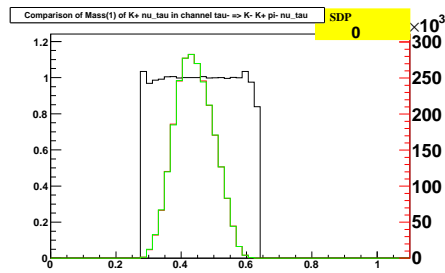
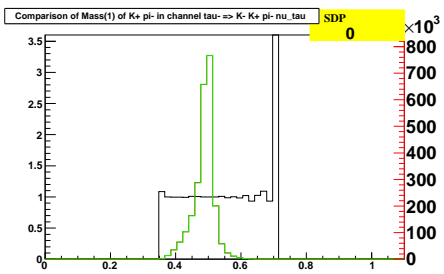
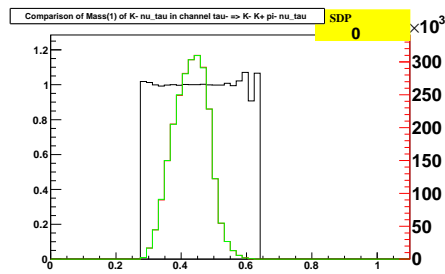
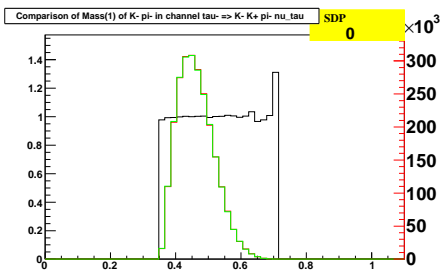
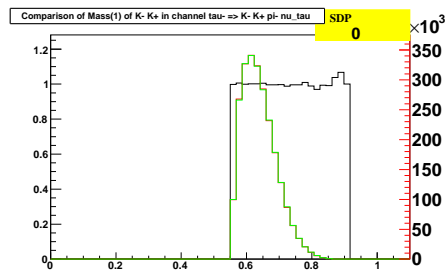


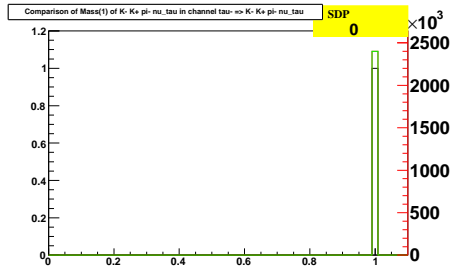


## 26 Decay Channel: $\tau^- \rightarrow K^- K^+ \pi^- \nu_\tau$

Number of events from generator 1: 2398326 (scaled to generator2)

Number of events from generator 2: 2400127

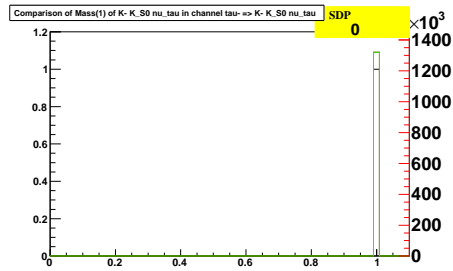
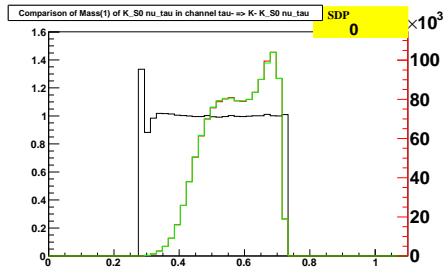
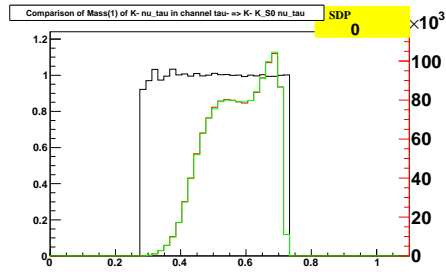
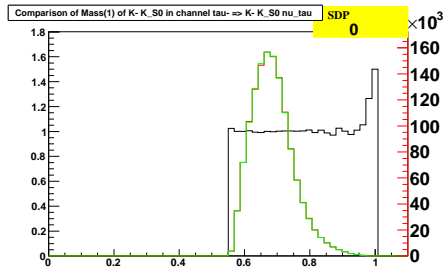




## 27 Decay Channel: $\tau^- \rightarrow K^- K_S^0 \nu_\tau$

Number of events from generator 1: 1319816 (scaled to generator2)

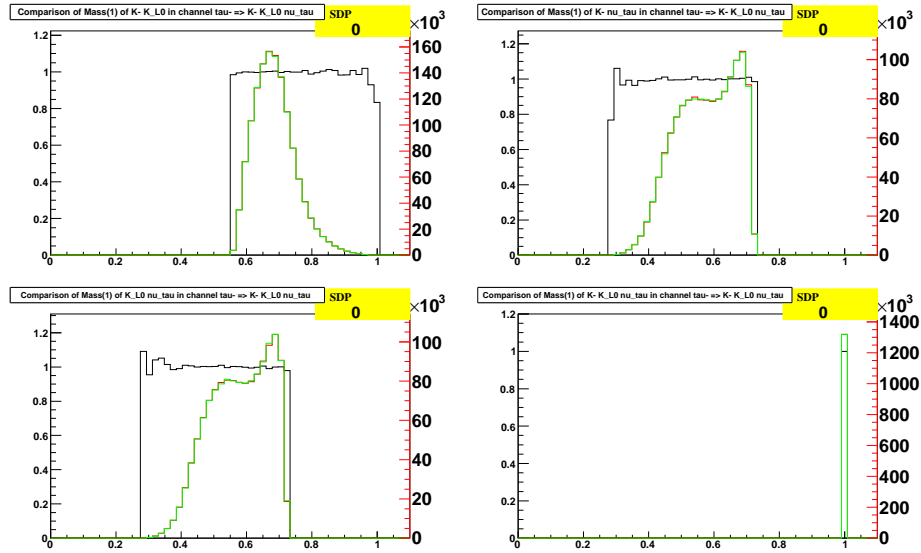
Number of events from generator 2: 1320259



## 28 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \nu_\tau$

Number of events from generator 1: 1319294 (scaled to generator2)

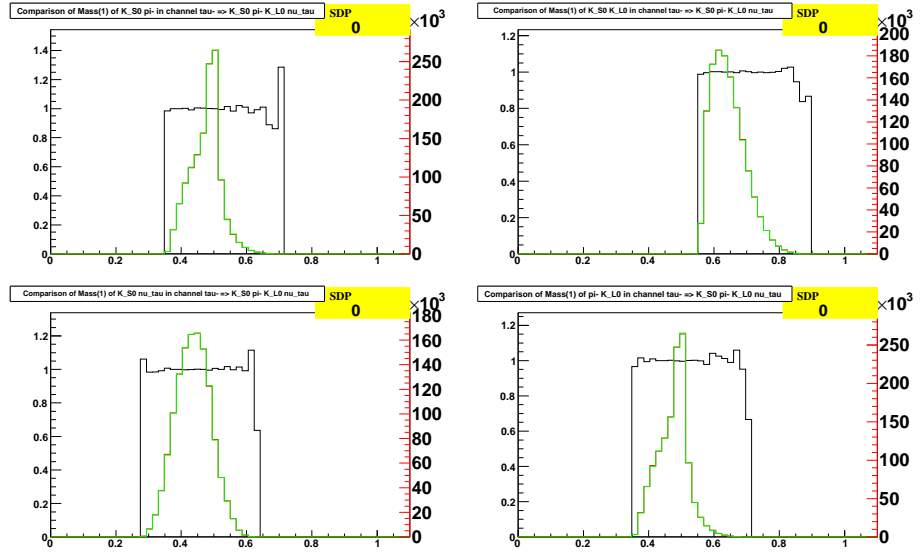
Number of events from generator 2: 1319359

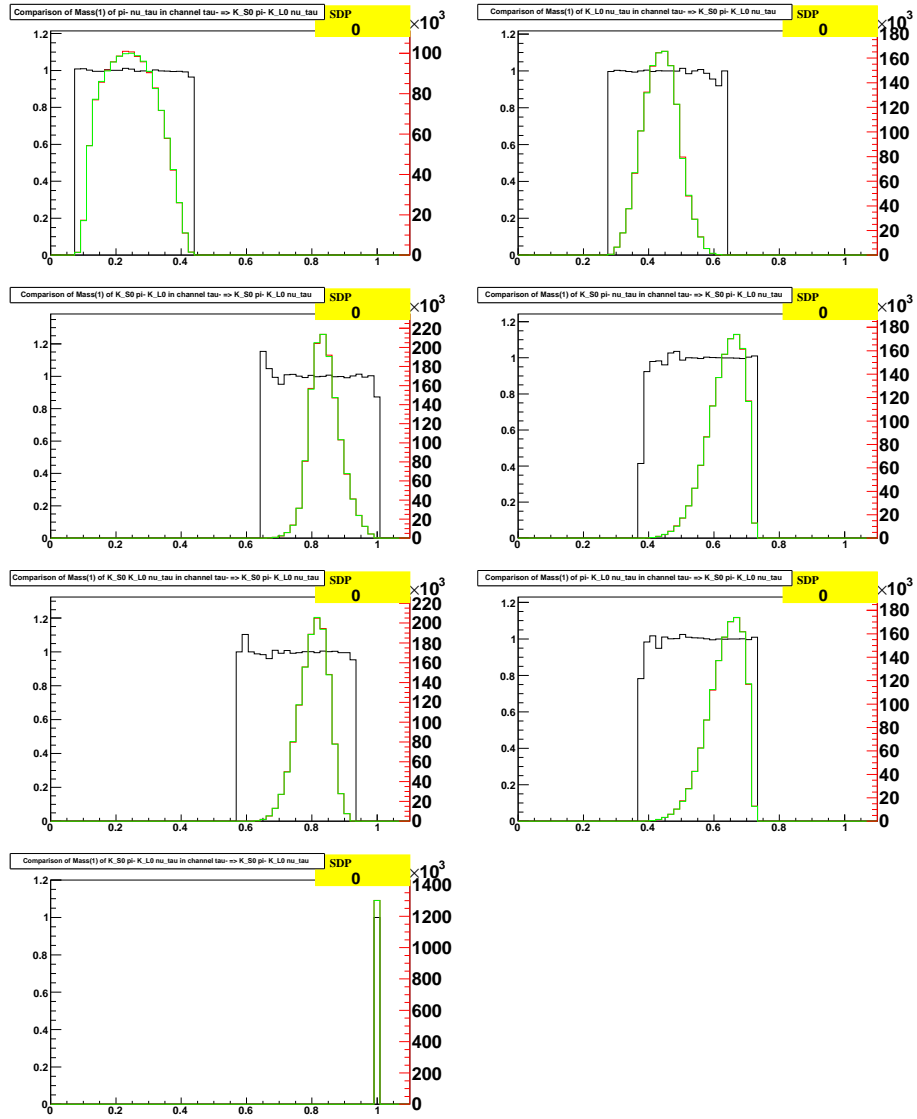


## 29 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- K_L^0 \nu_\tau$

Number of events from generator 1: 1301021 (scaled to generator2)

Number of events from generator 2: 1301038

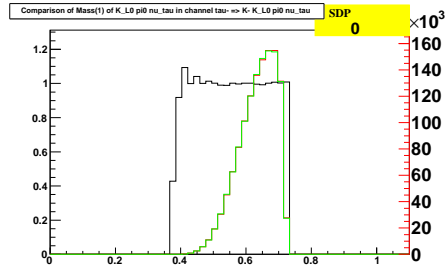
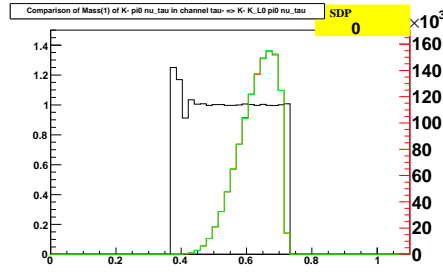
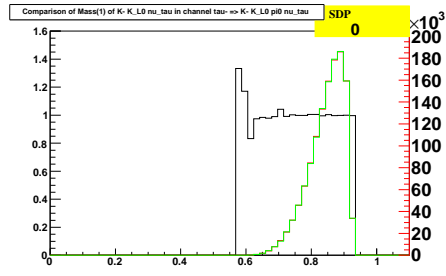
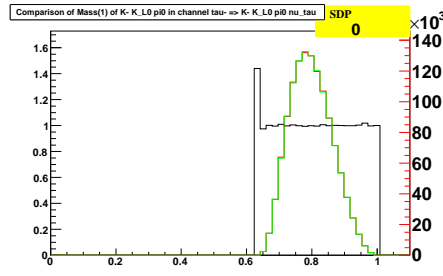
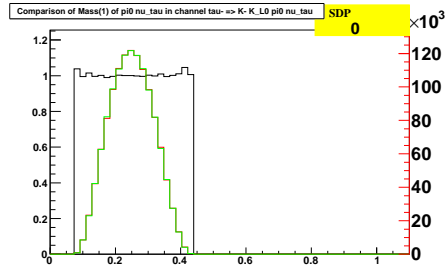
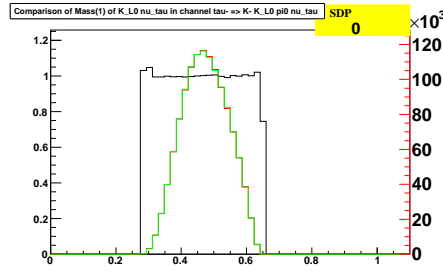
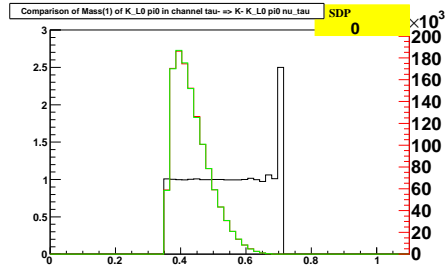
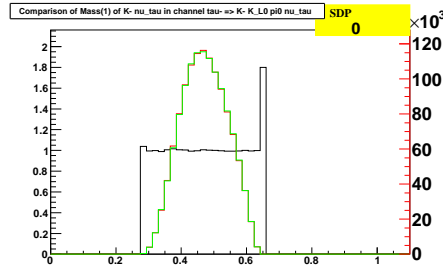
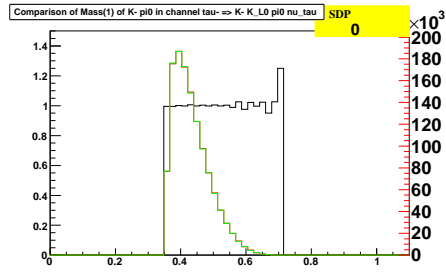
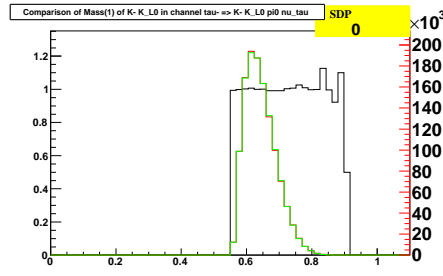


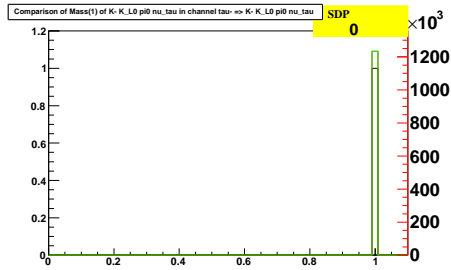


### 30 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \pi^0 \nu_\tau$

Number of events from generator 1: 1233206 (scaled to generator2)

Number of events from generator 2: 1233344

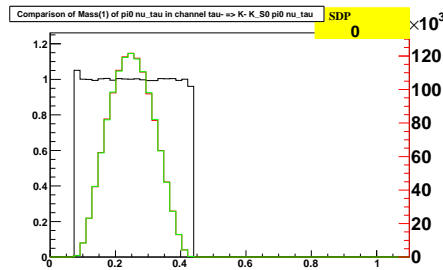
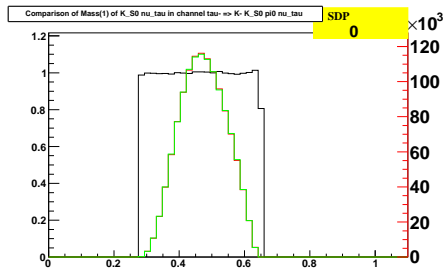
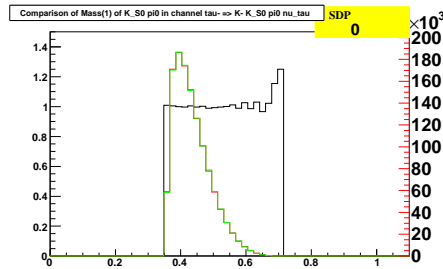
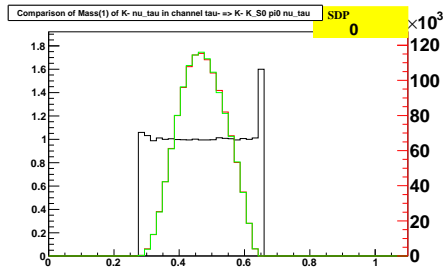
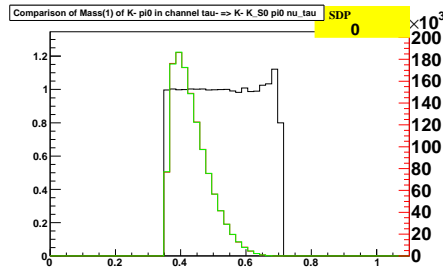
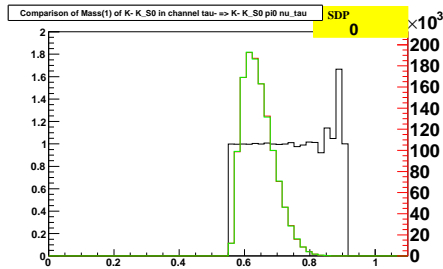




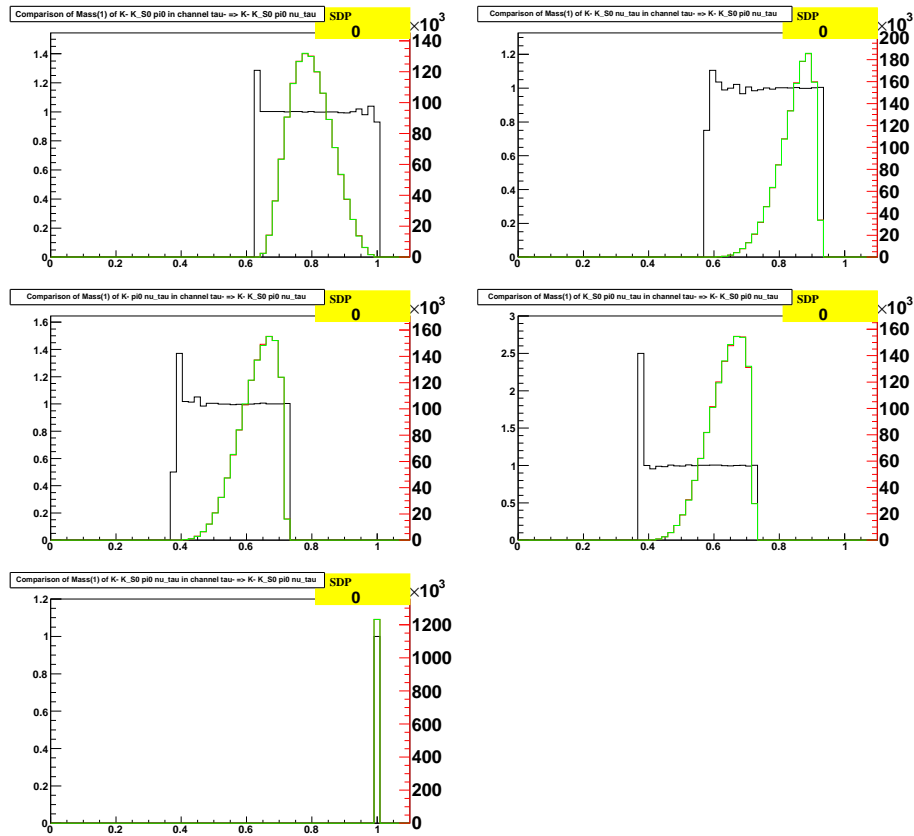
### 31 Decay Channel: $\tau^- \rightarrow K^- K_S^0 \pi^0 \nu_\tau$

Number of events from generator 1: 1232025 (scaled to generator2)

Number of events from generator 2: 1232102



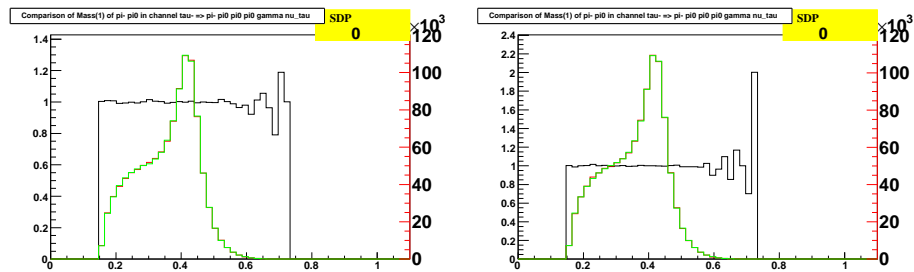




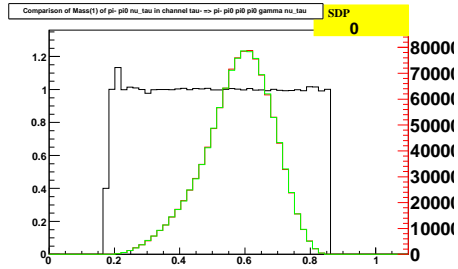
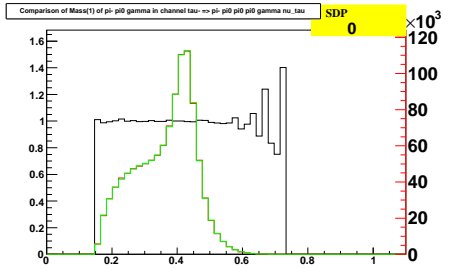
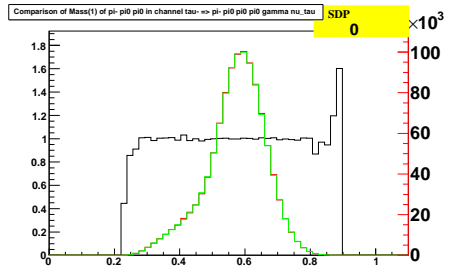
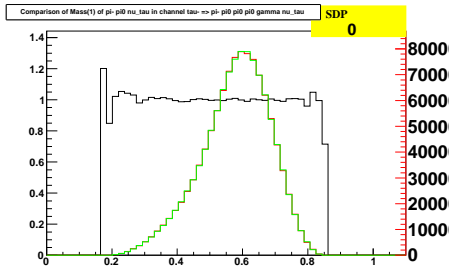
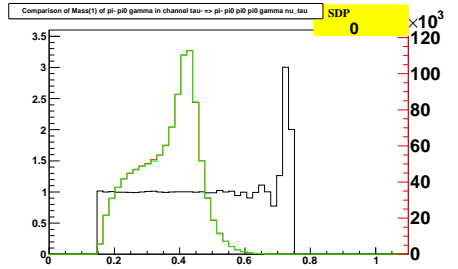
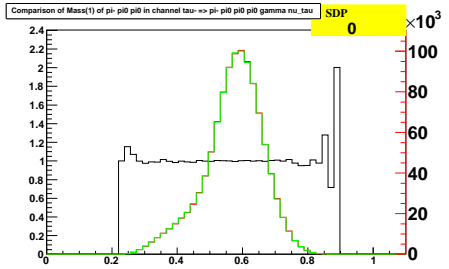
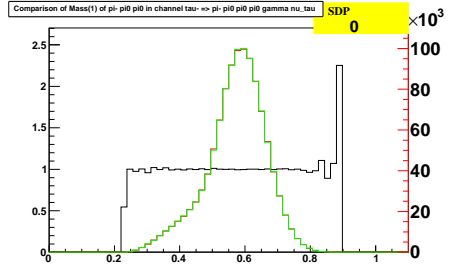
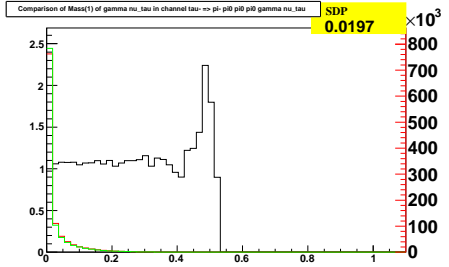
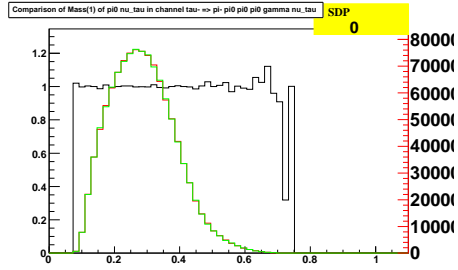
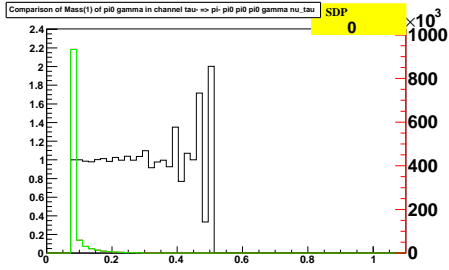
### 32 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \pi^0 \gamma \nu_\tau$

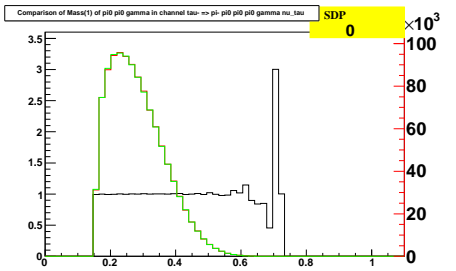
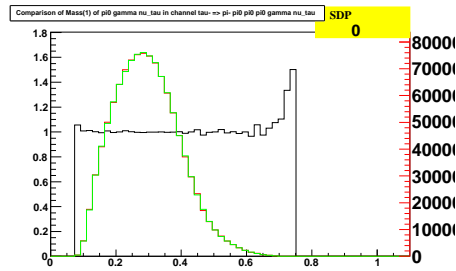
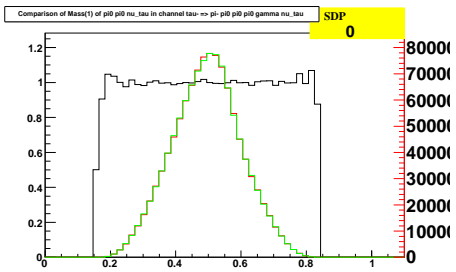
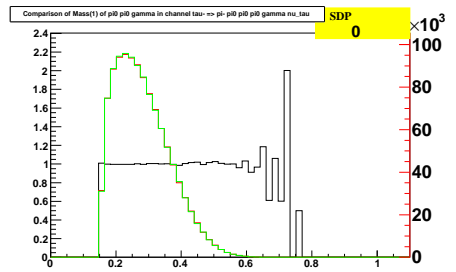
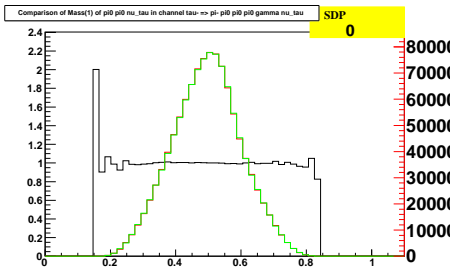
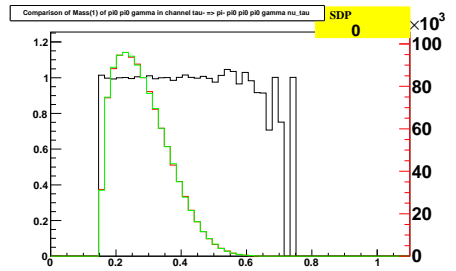
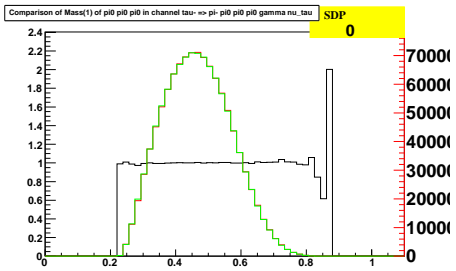
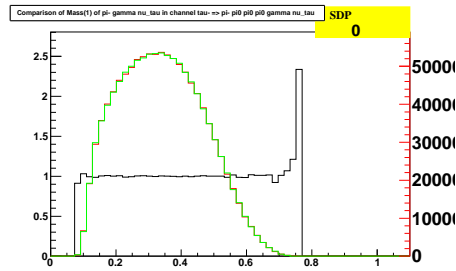
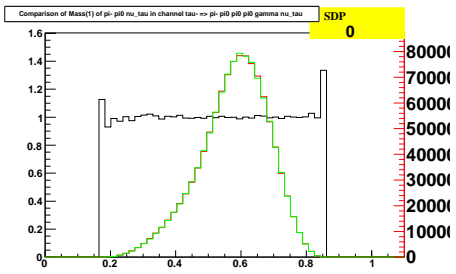
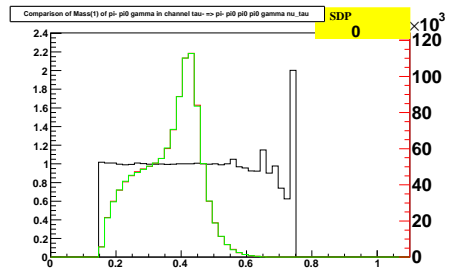
Number of events from generator 1: 1089973 (scaled to generator2)

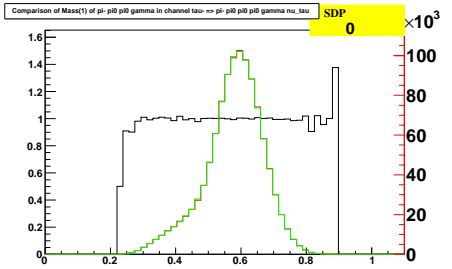
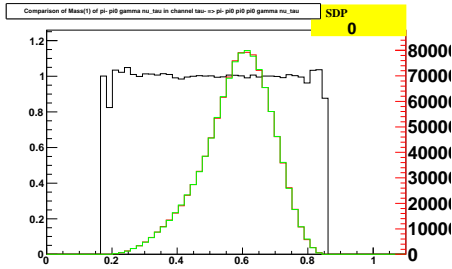
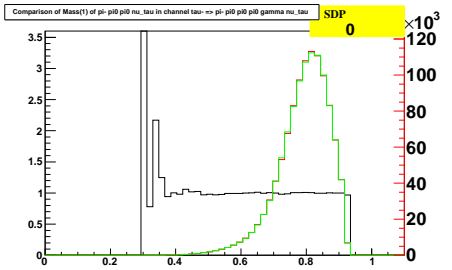
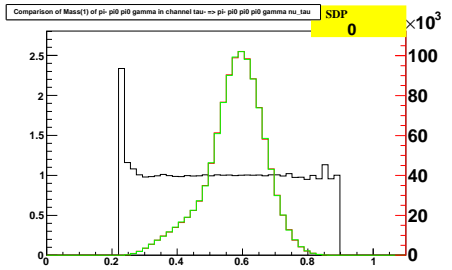
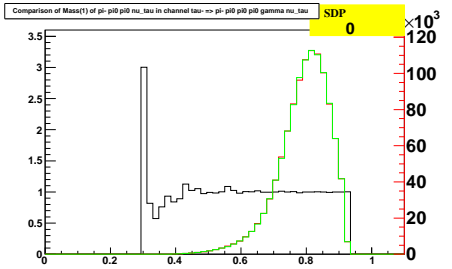
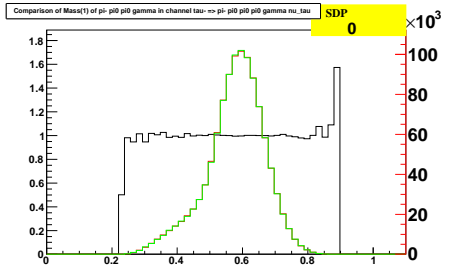
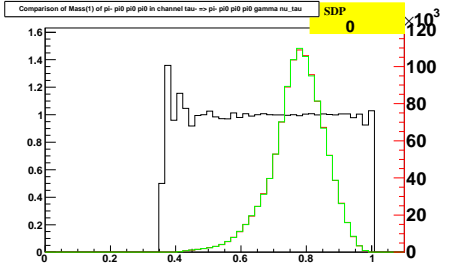
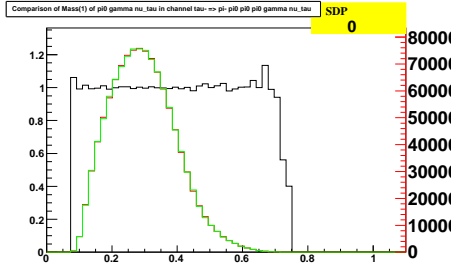
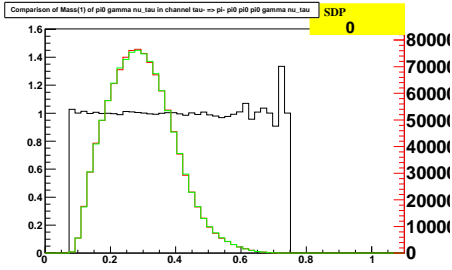
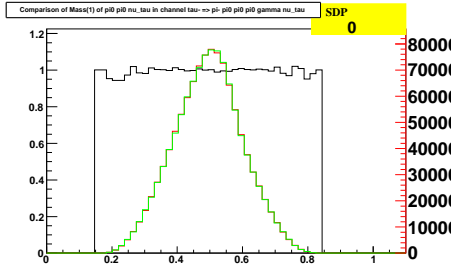
Number of events from generator 2: 1091509

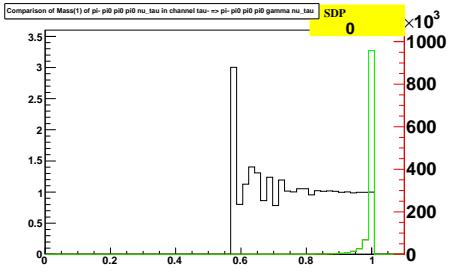
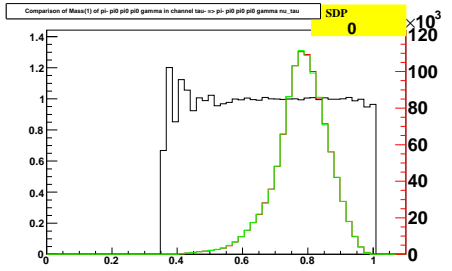
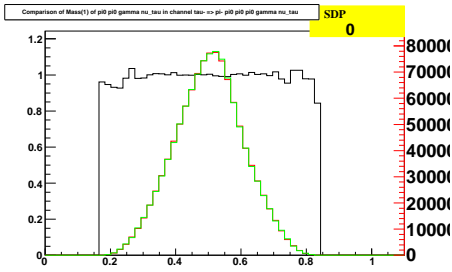
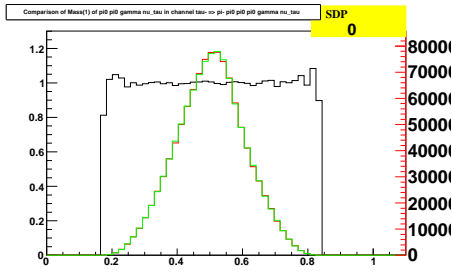
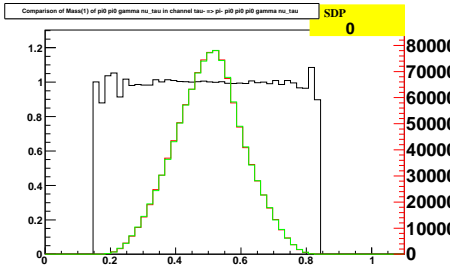
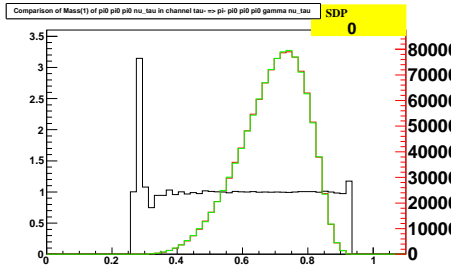
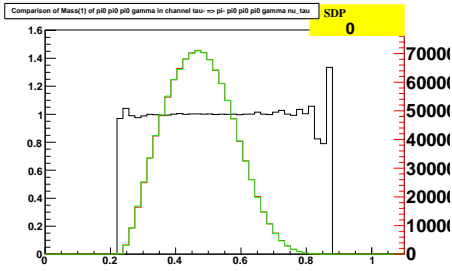
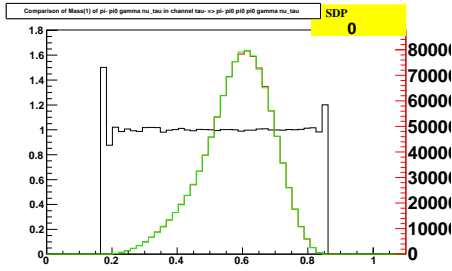
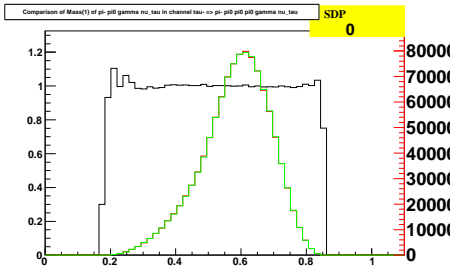
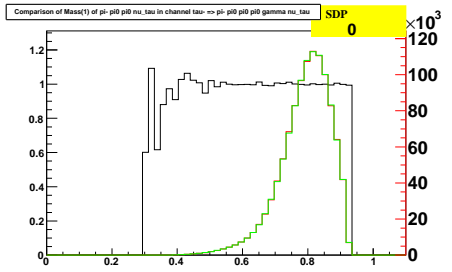


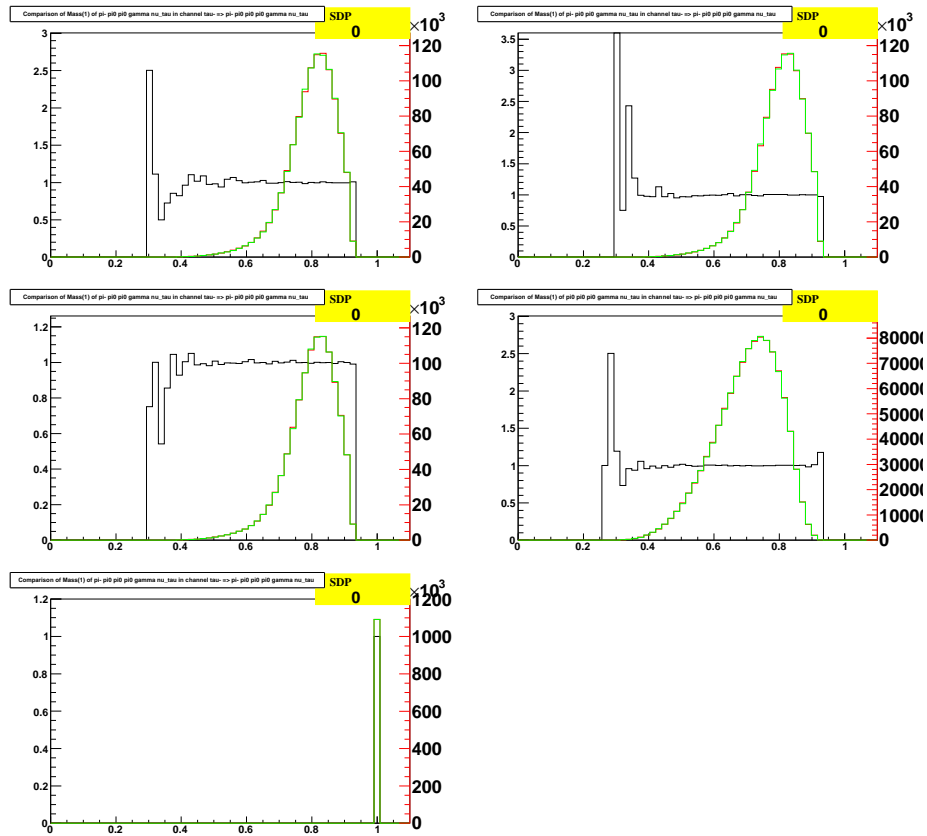








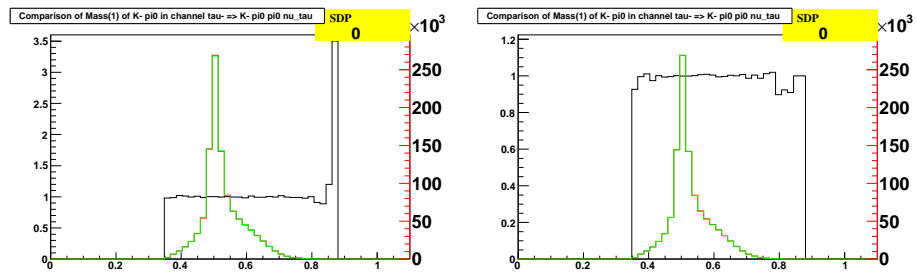


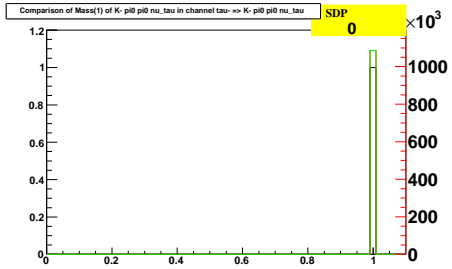
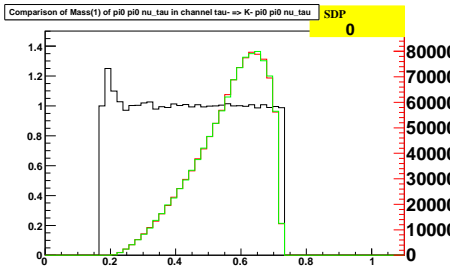
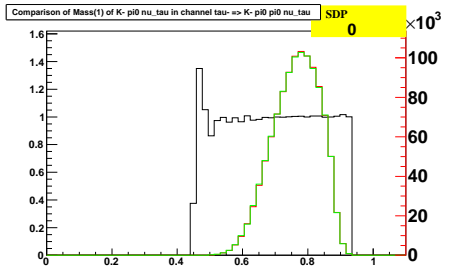
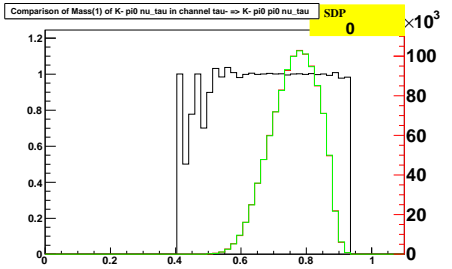
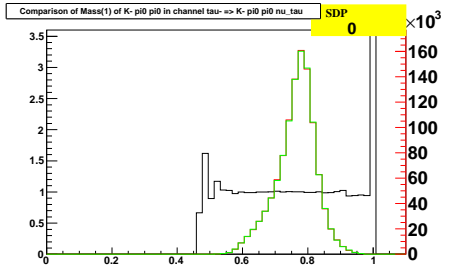
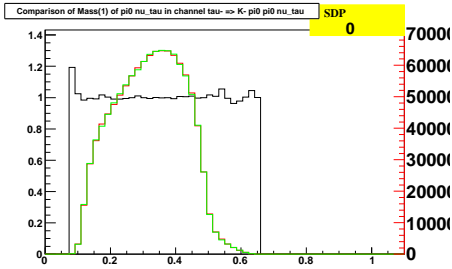
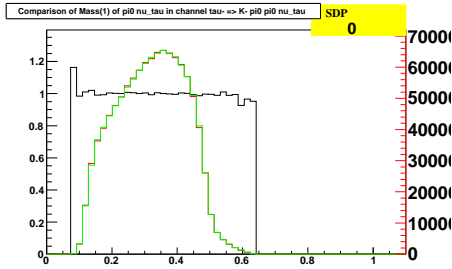
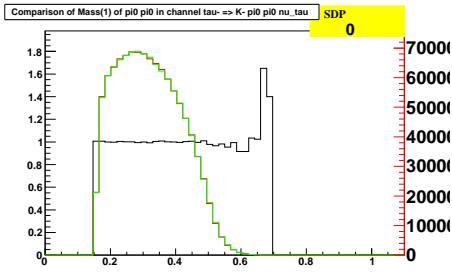
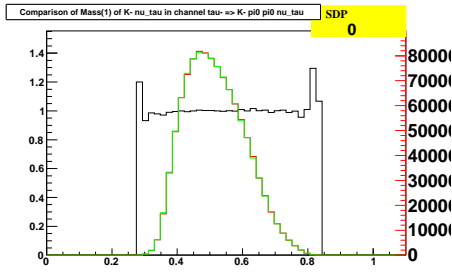


### 33 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \pi^0 \nu_\tau$

Number of events from generator 1: 1085336 (scaled to generator2)

Number of events from generator 2: 1085717



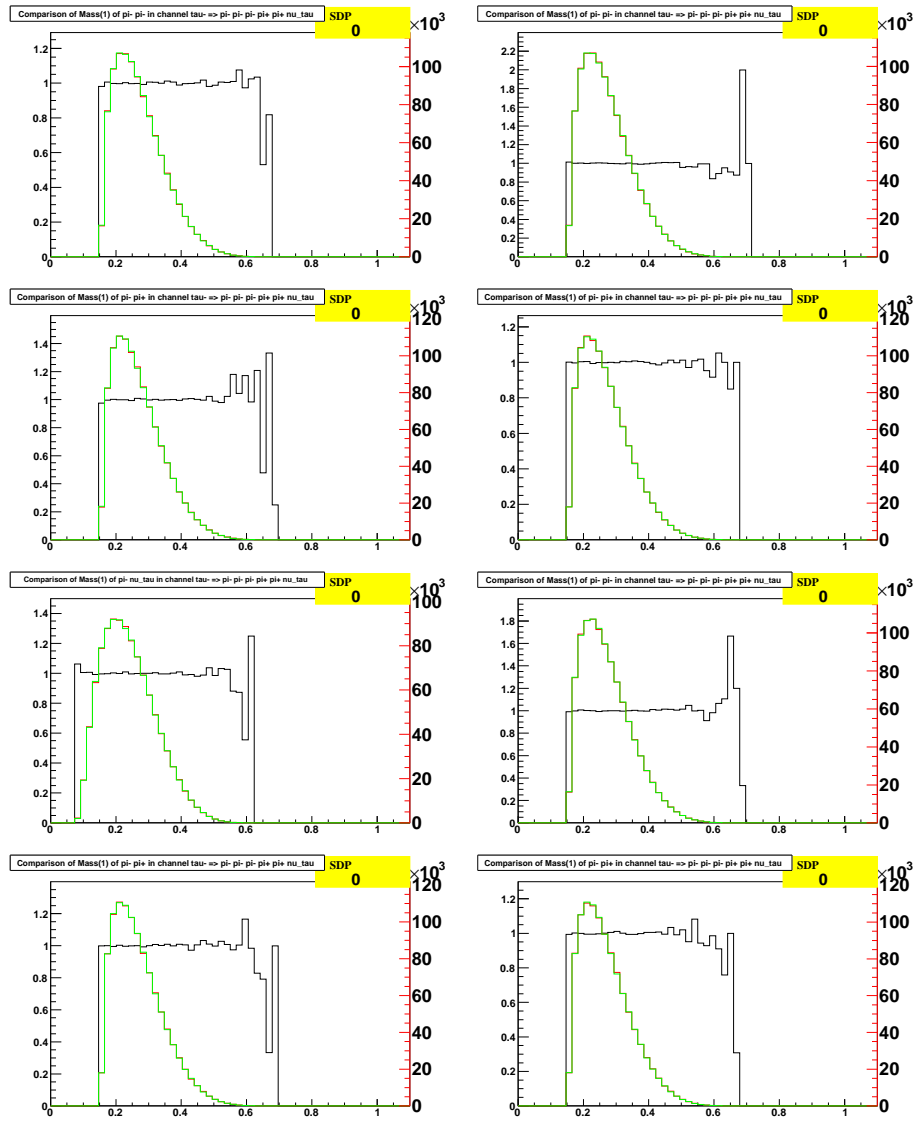


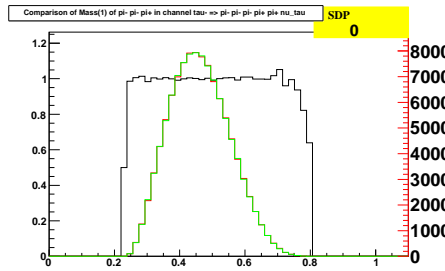
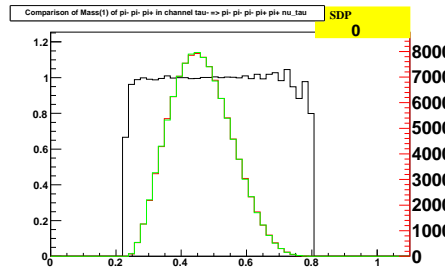
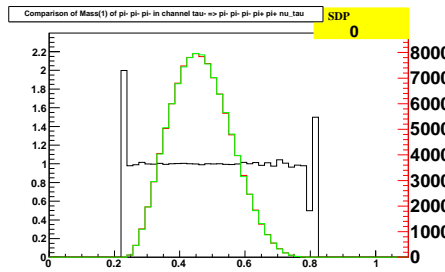
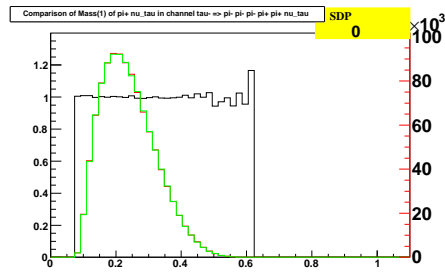
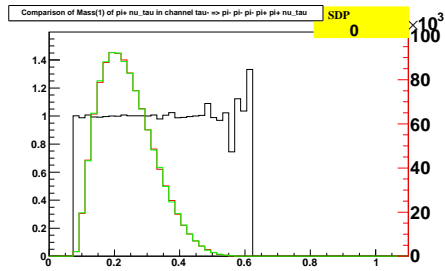
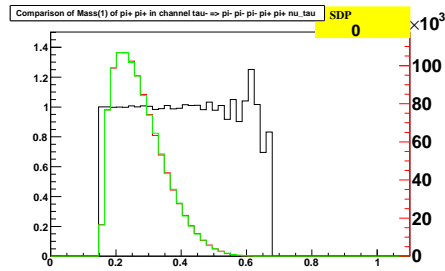
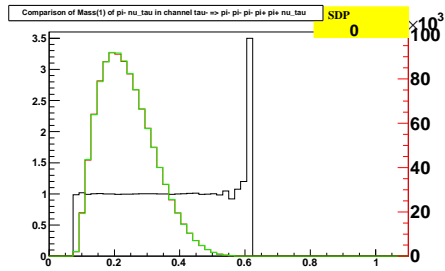
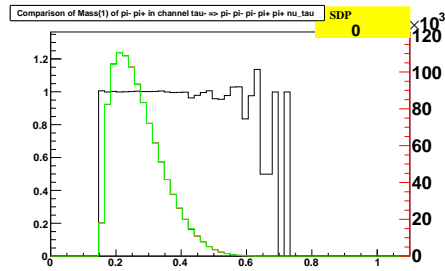
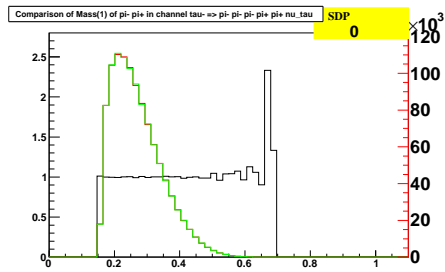
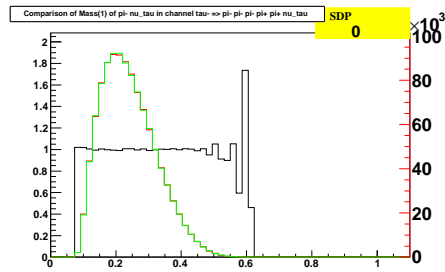


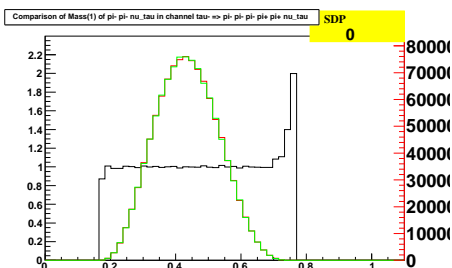
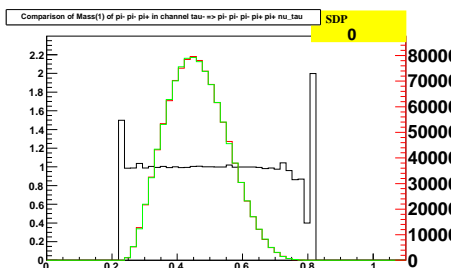
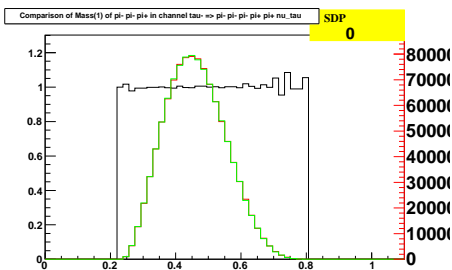
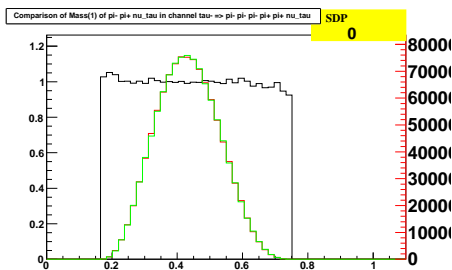
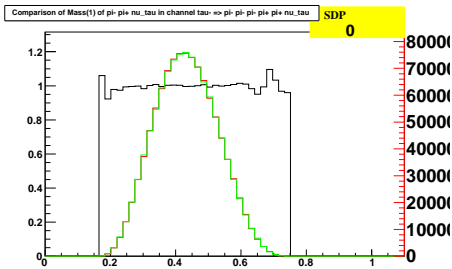
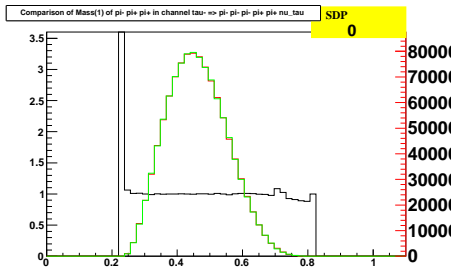
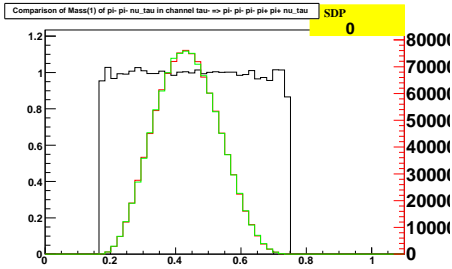
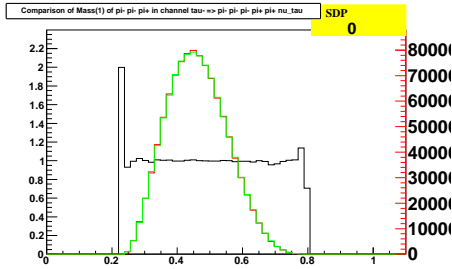
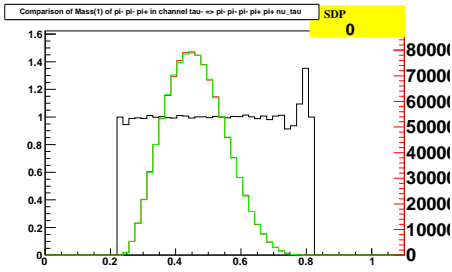
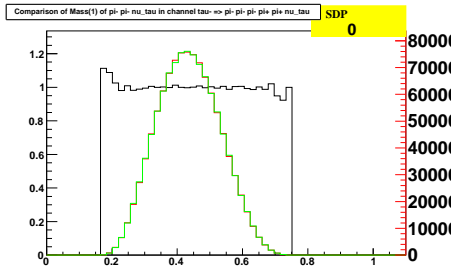
### 34 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \nu_\tau$

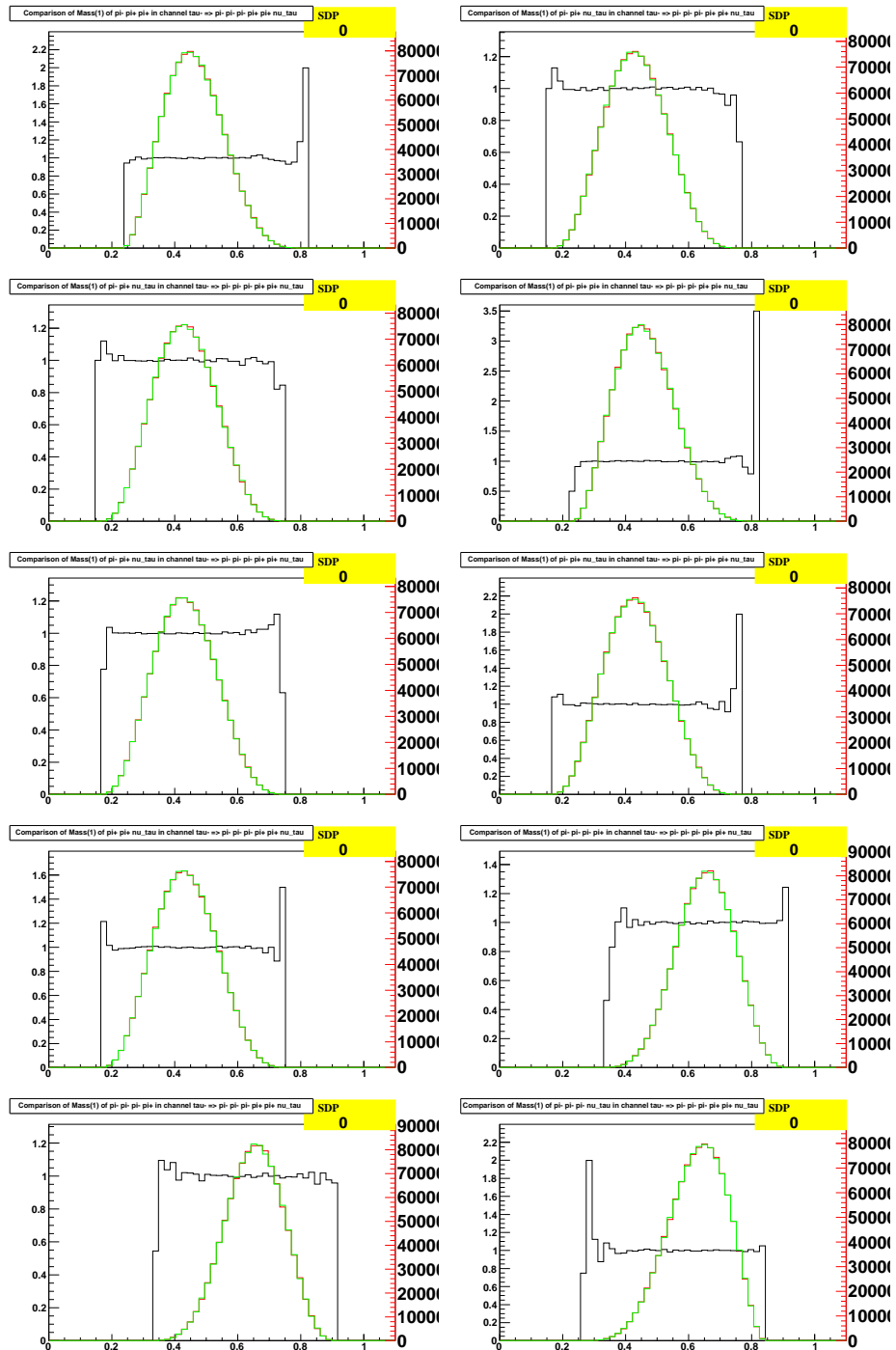
Number of events from generator 1: 1057883

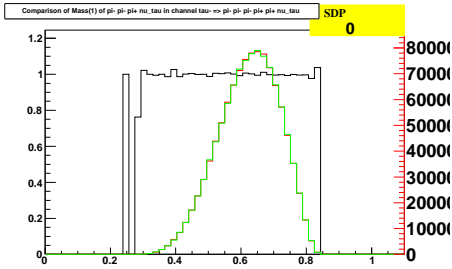
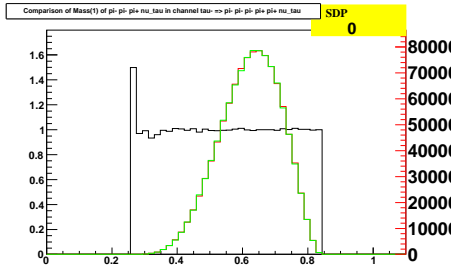
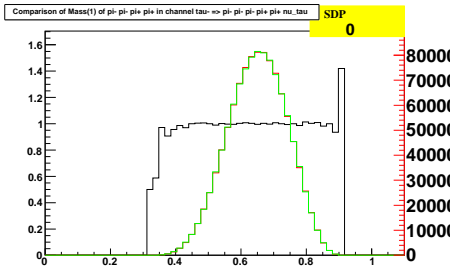
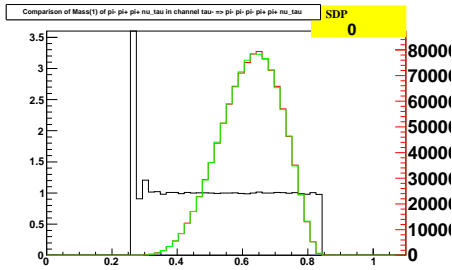
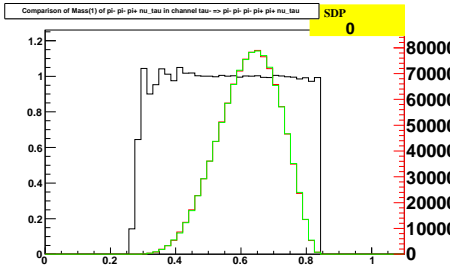
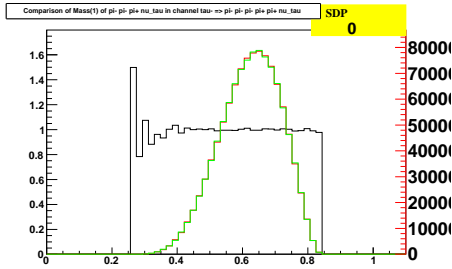
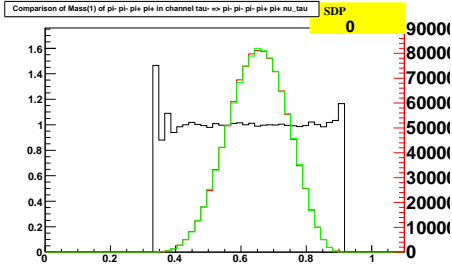
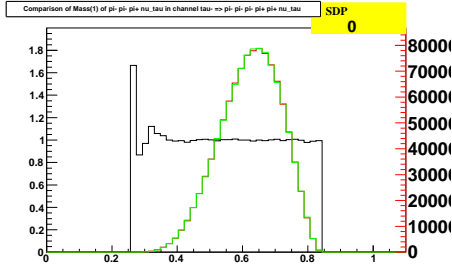
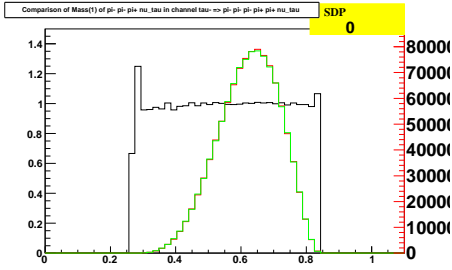
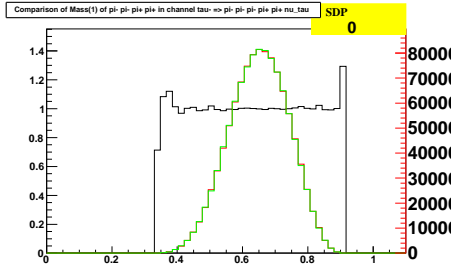
Number of events from generator 2: 1057350 (scaled to generator1)

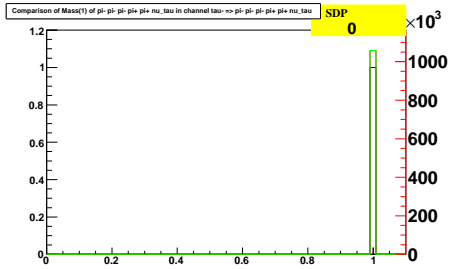
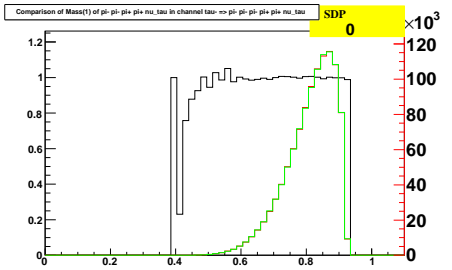
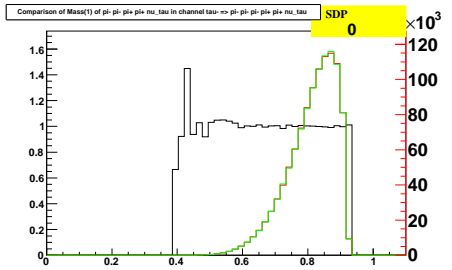
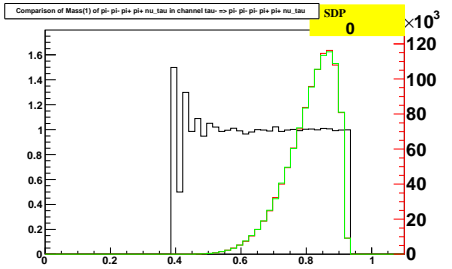
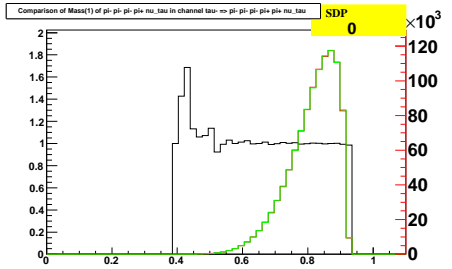
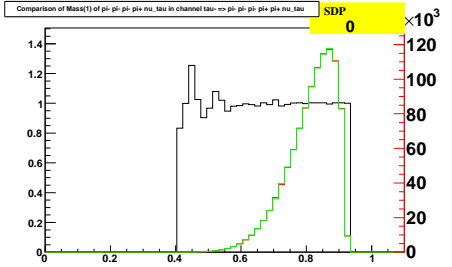
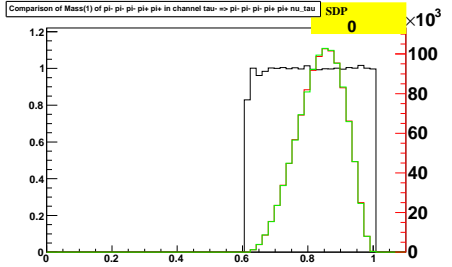
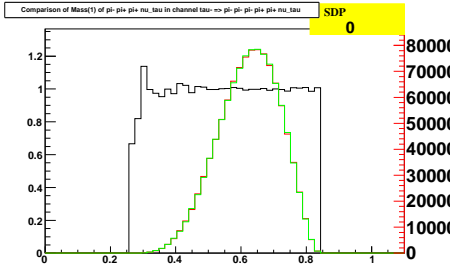
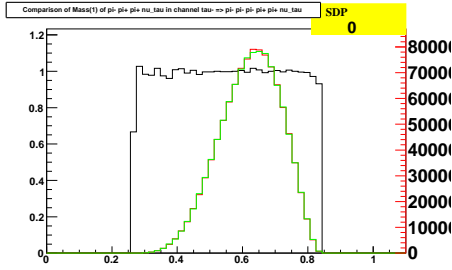








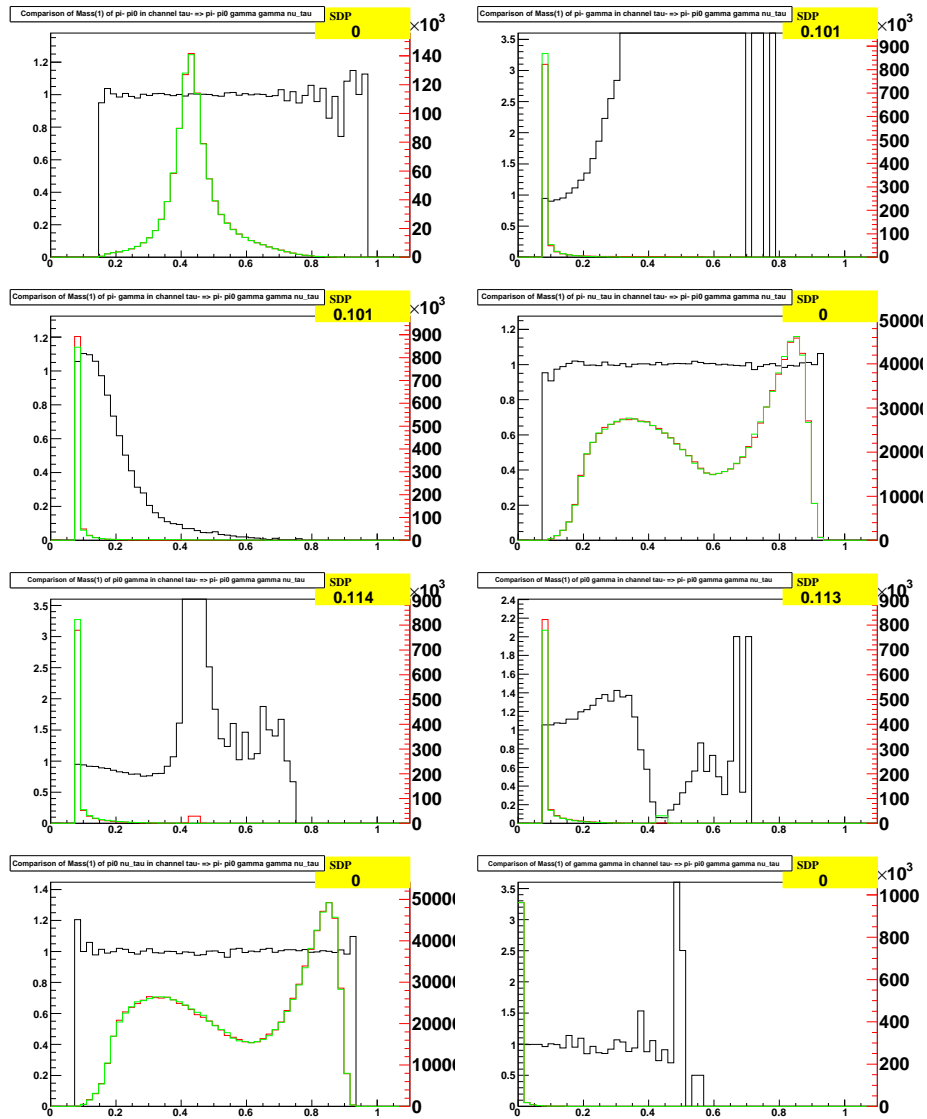


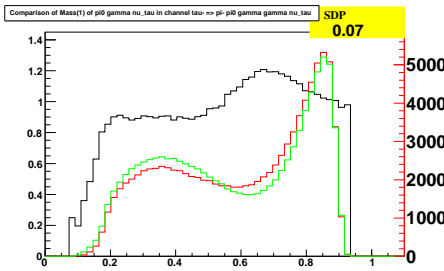
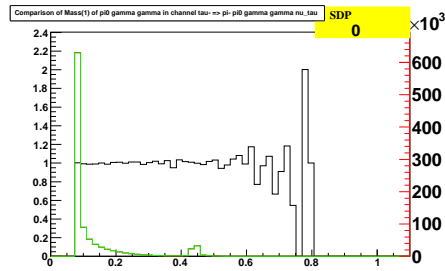
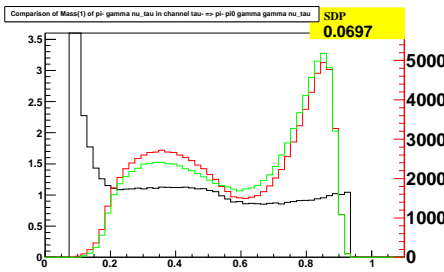
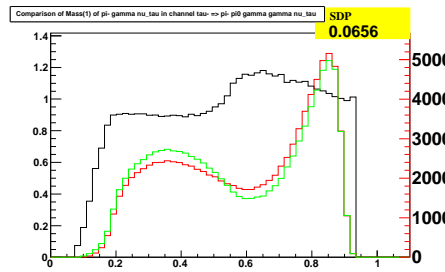
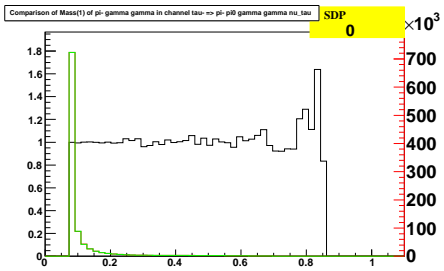
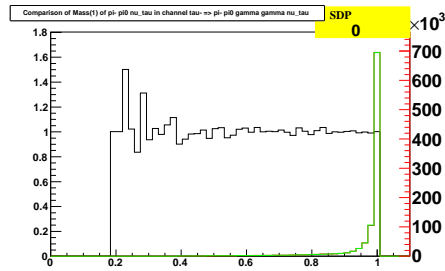
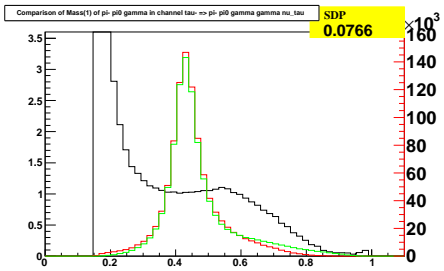
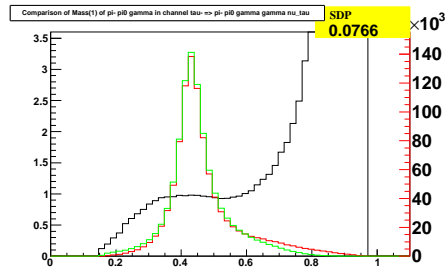
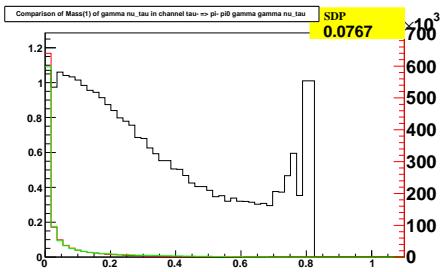
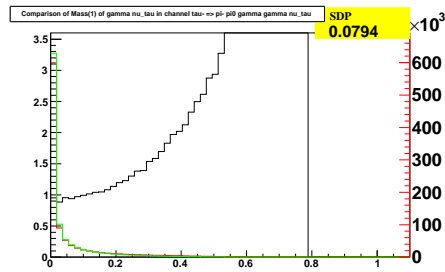


### 35 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \gamma \nu_\tau$

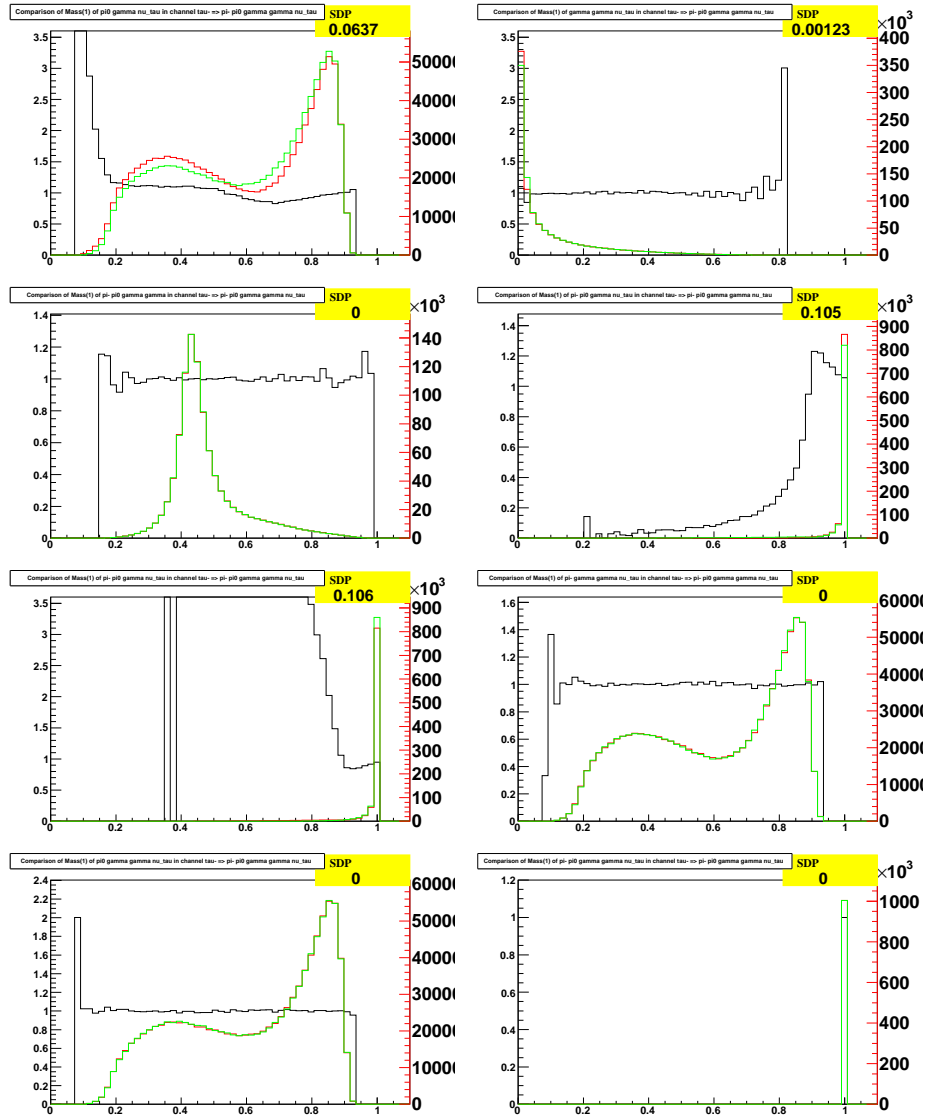
Number of events from generator 1: 1002015 (scaled to generator2)

Number of events from generator 2: 1003431





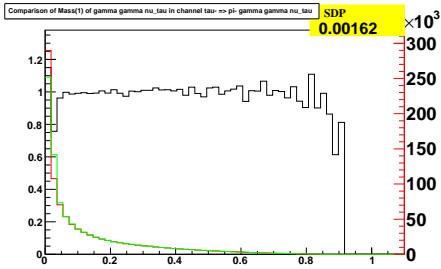
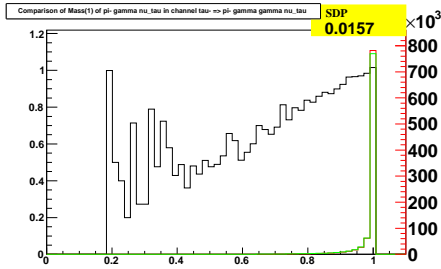
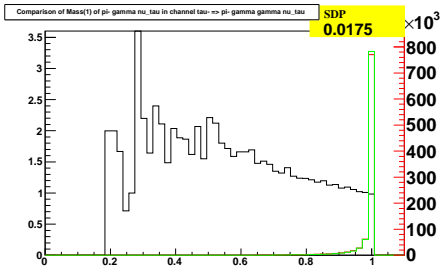
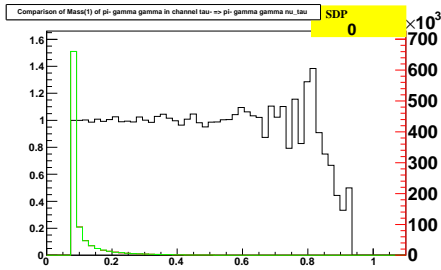
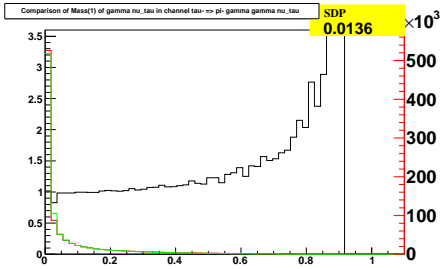
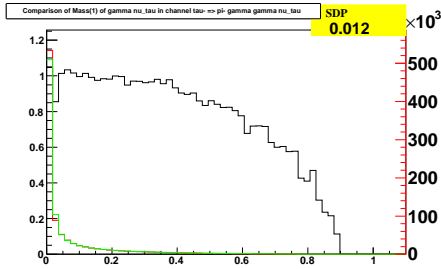
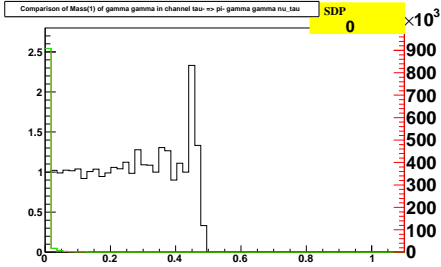
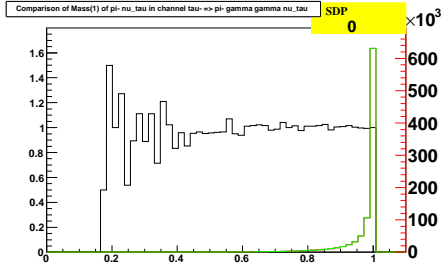
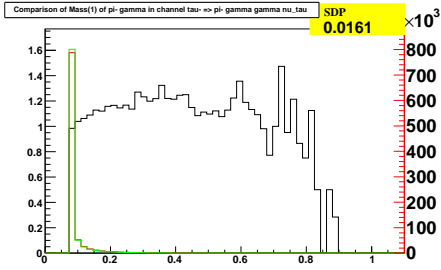
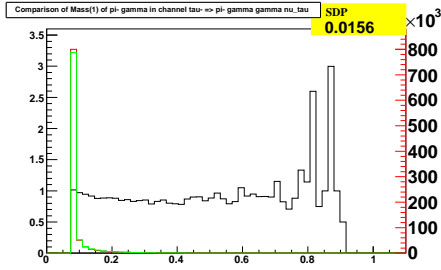


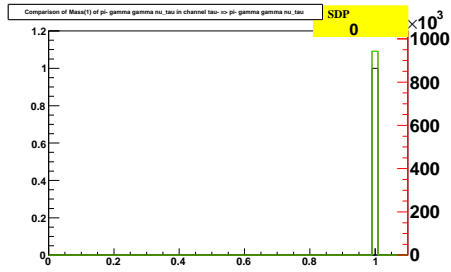


### 36 Decay Channel: $\tau^- \rightarrow \pi^- \gamma \nu_\tau$

Number of events from generator 1: 942286

Number of events from generator 2: 941887 (scaled to generator1)

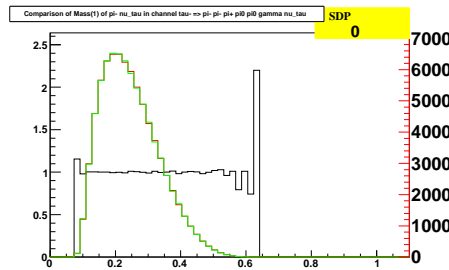
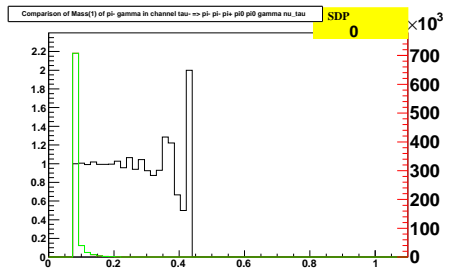
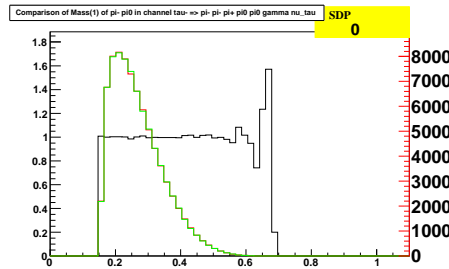
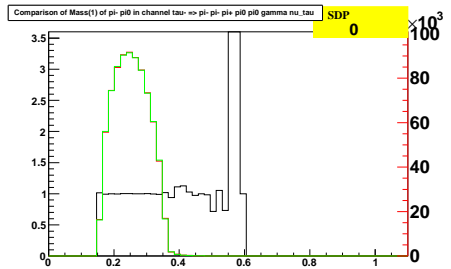
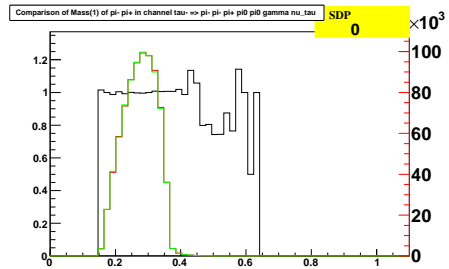
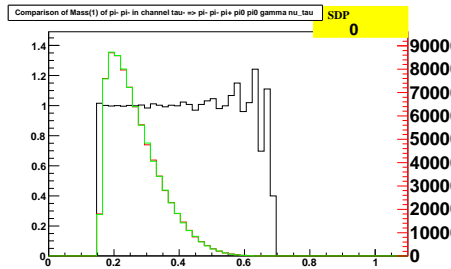


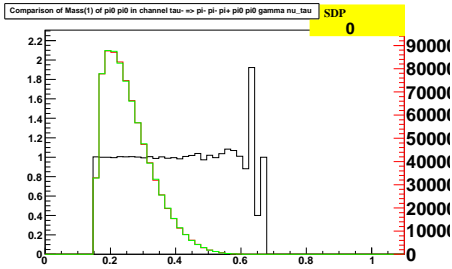
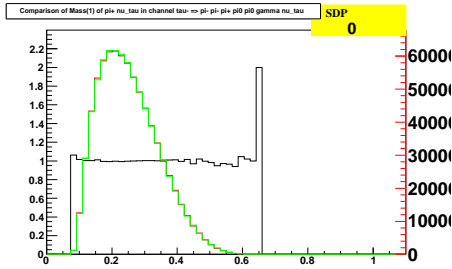
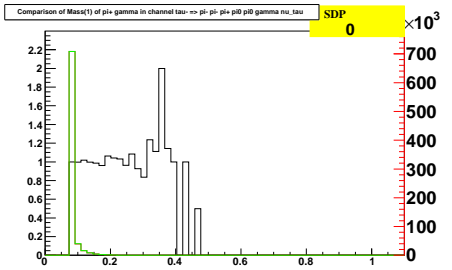
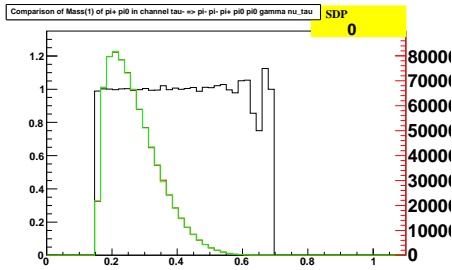
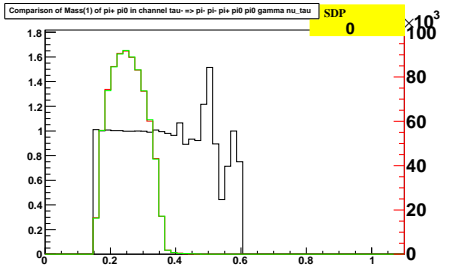
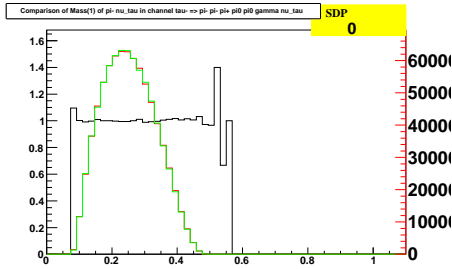
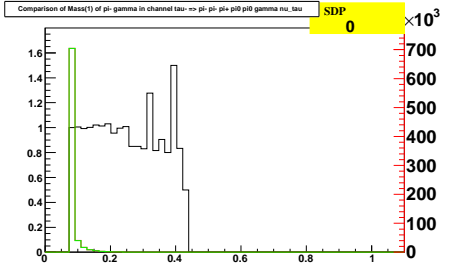
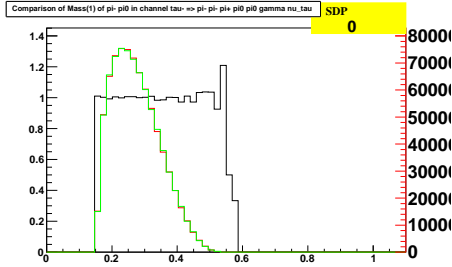
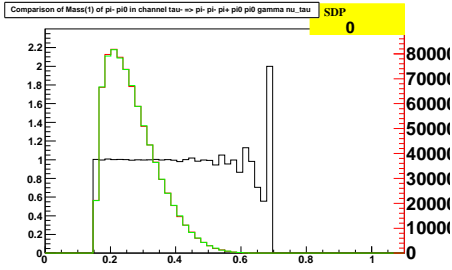
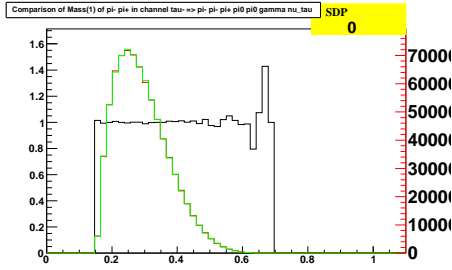


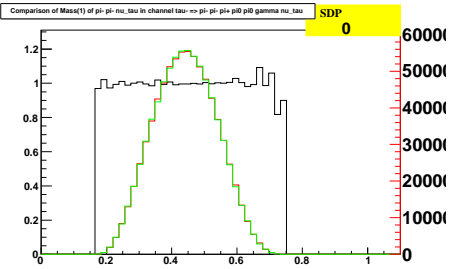
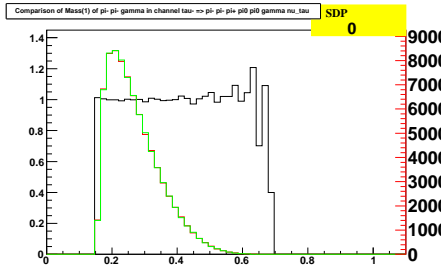
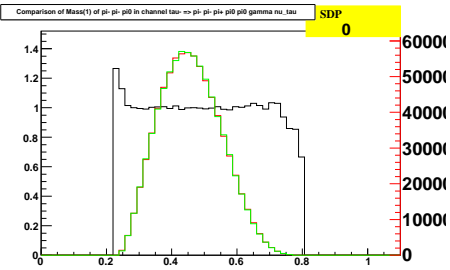
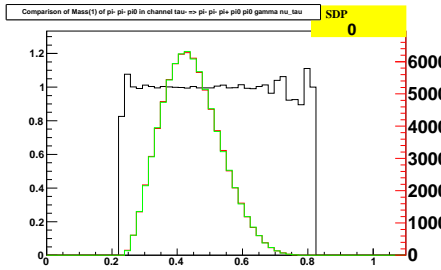
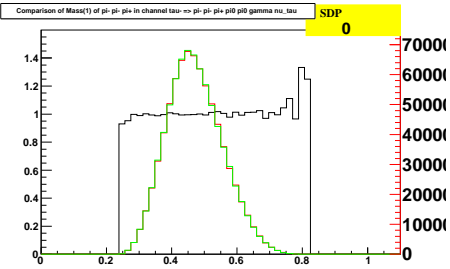
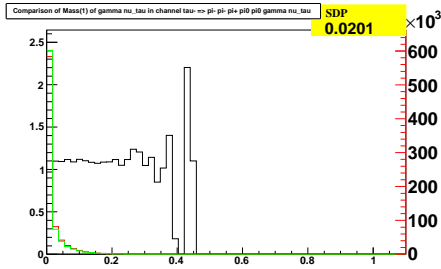
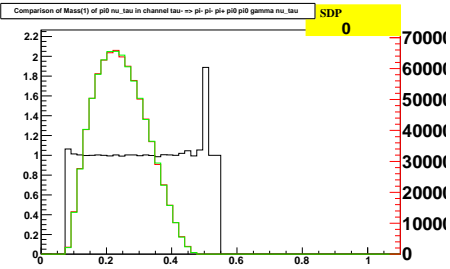
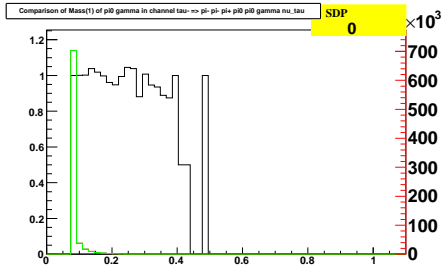
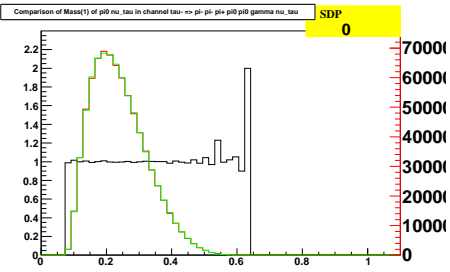
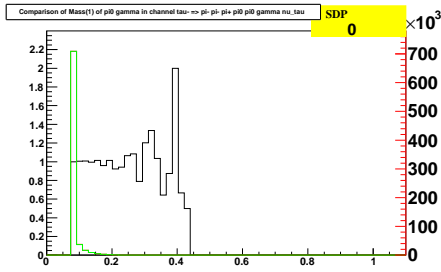
### 37 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \gamma \nu_\tau$

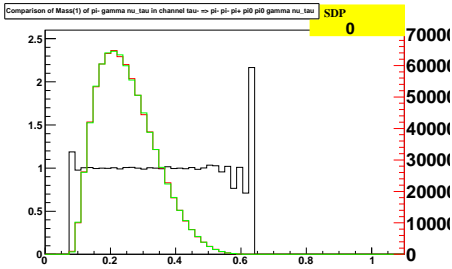
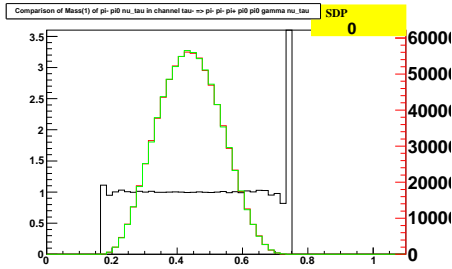
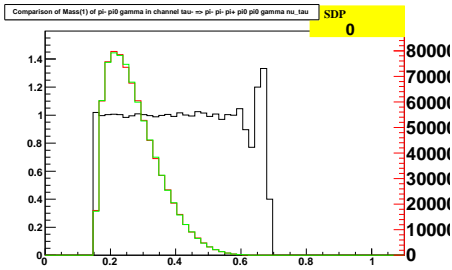
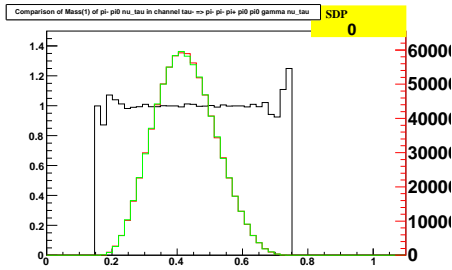
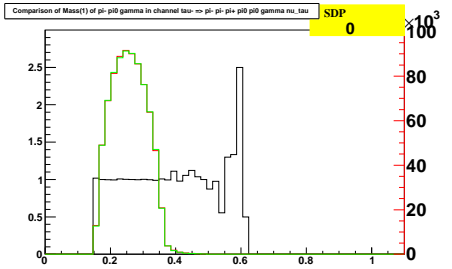
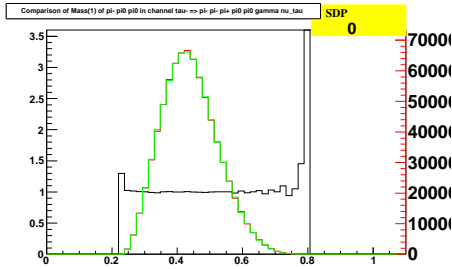
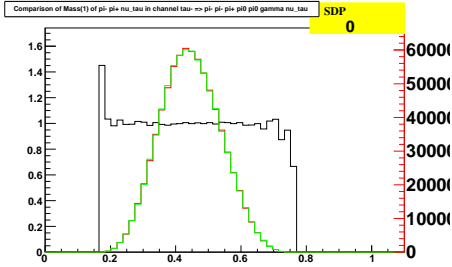
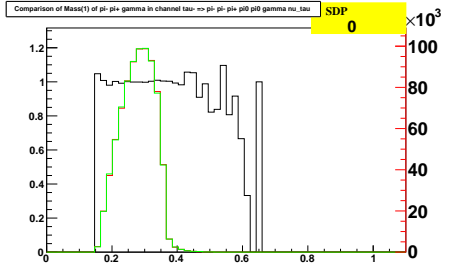
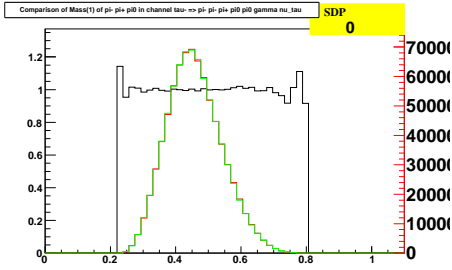
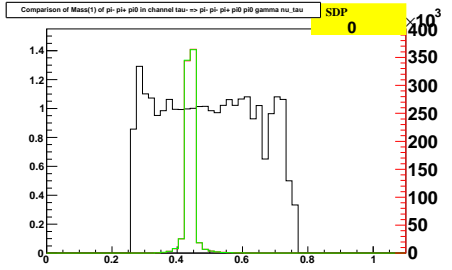
Number of events from generator 1: 783557

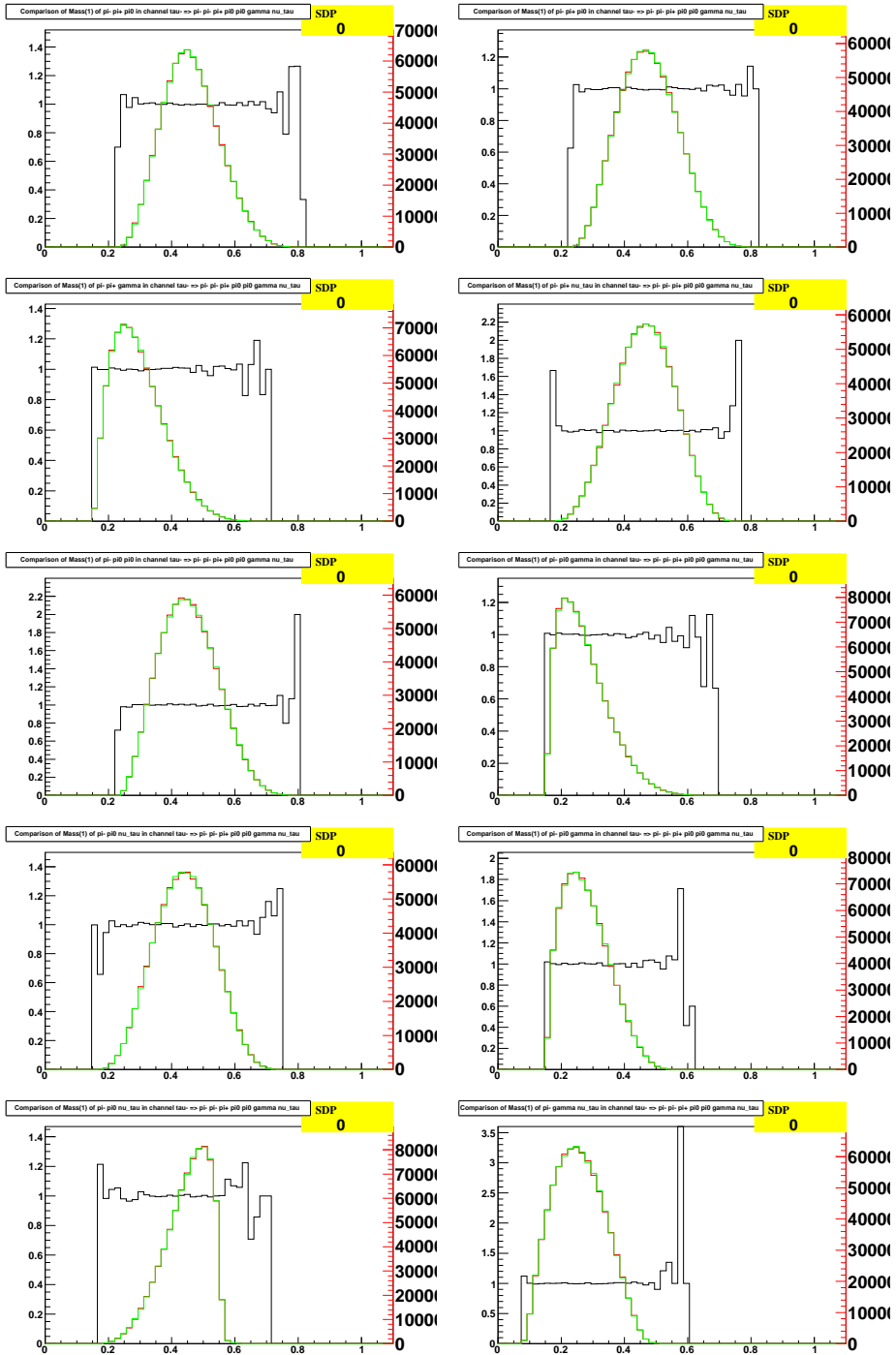
Number of events from generator 2: 783416 (scaled to generator 1)

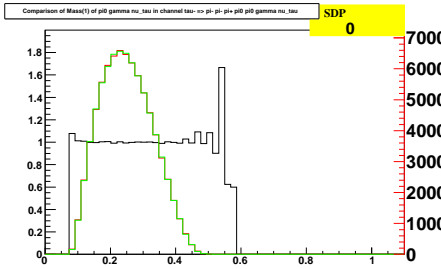
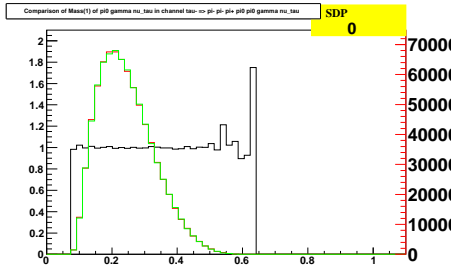
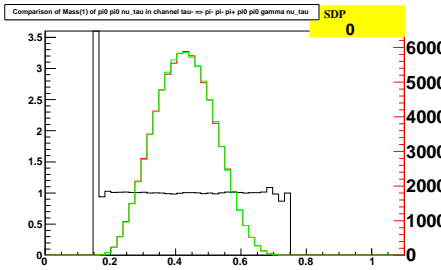
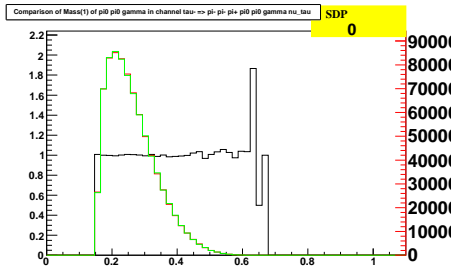
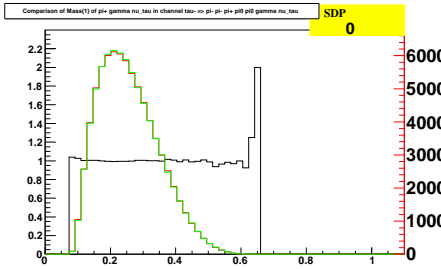
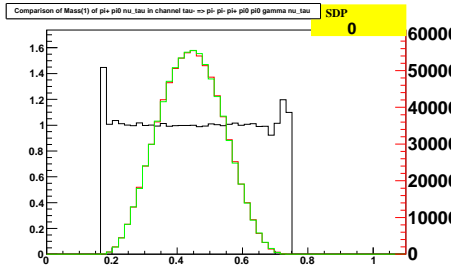
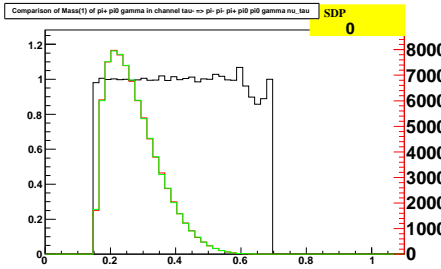
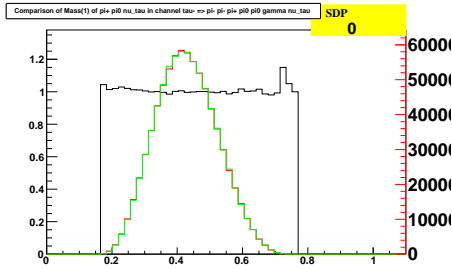
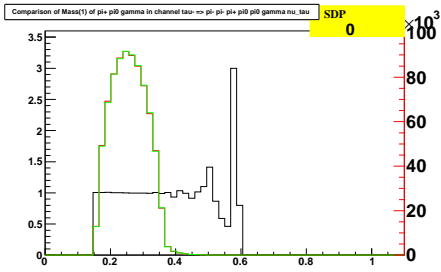
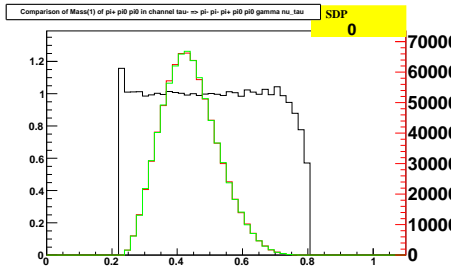




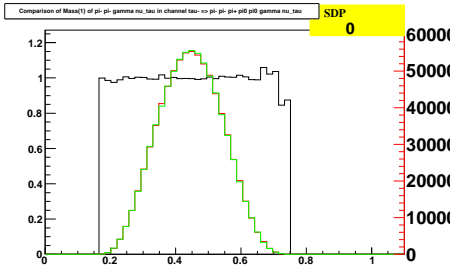
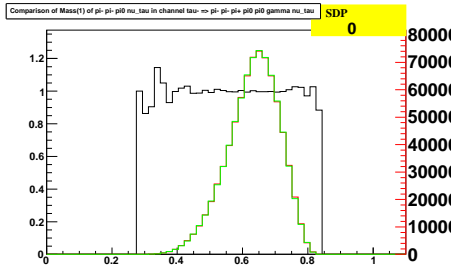
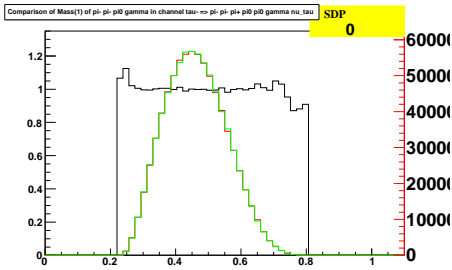
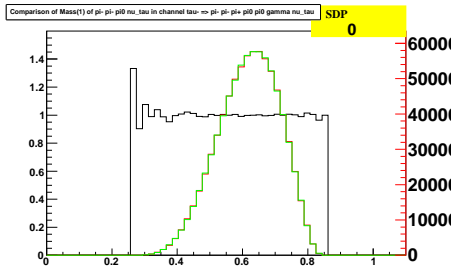
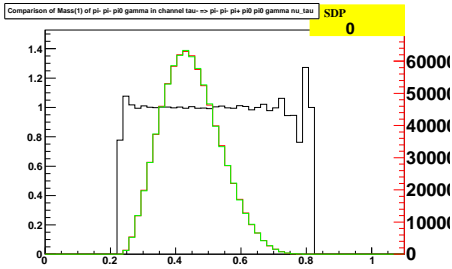
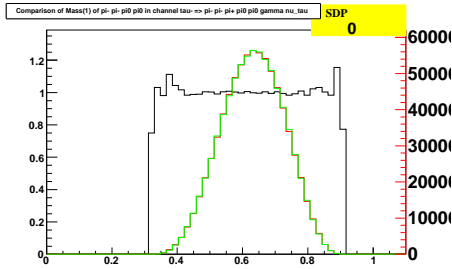
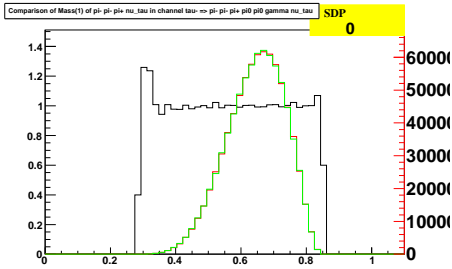
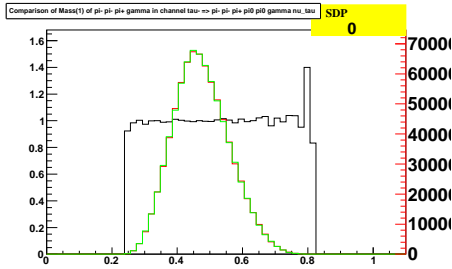
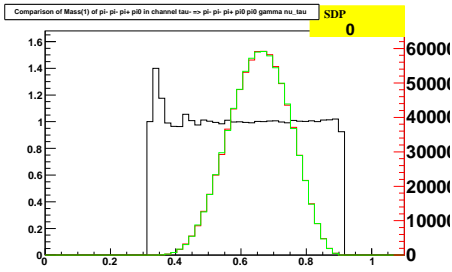
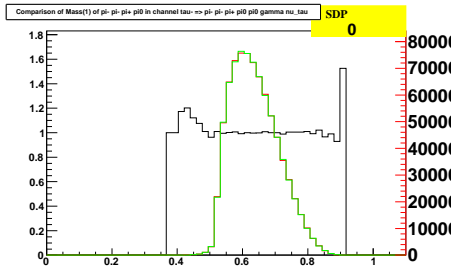


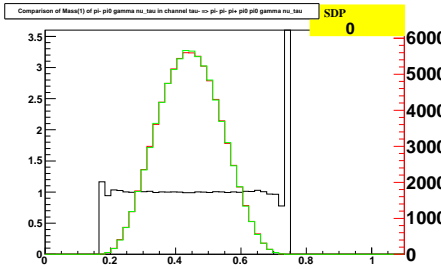
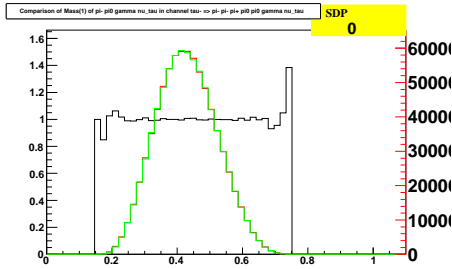
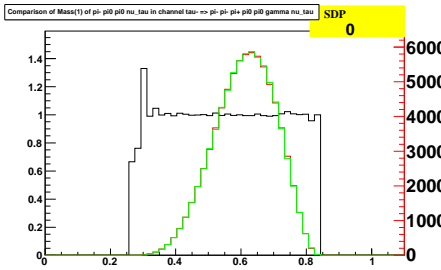
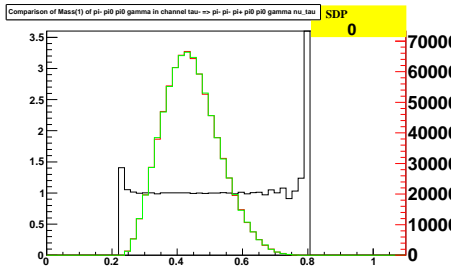
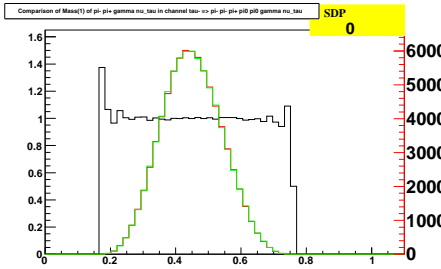
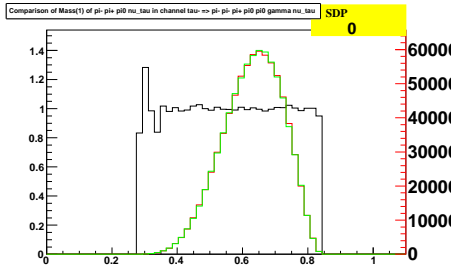
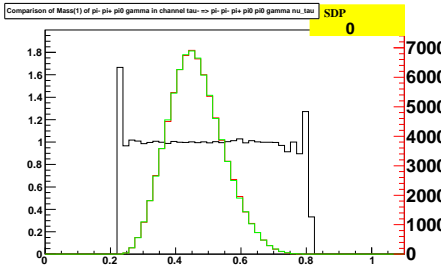
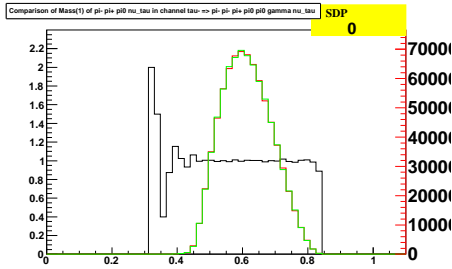
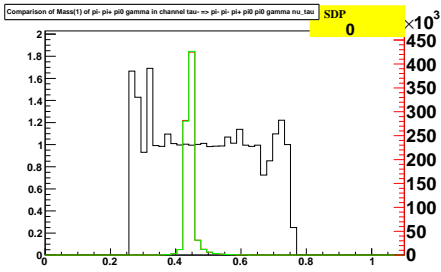
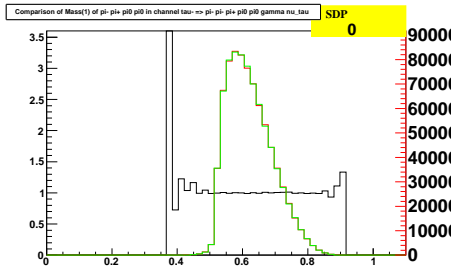


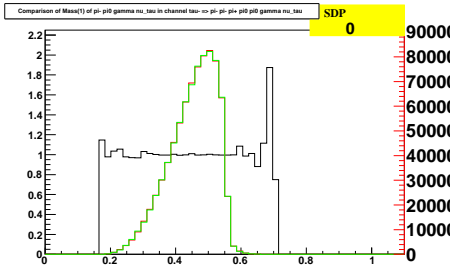
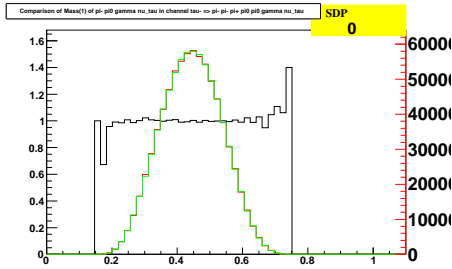
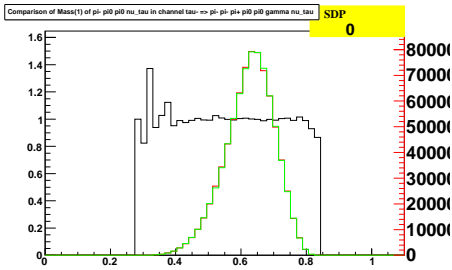
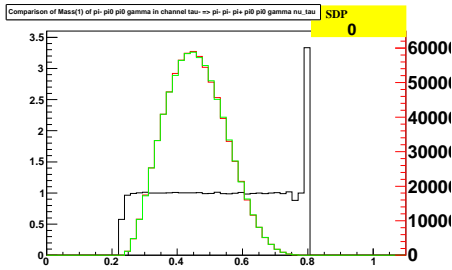
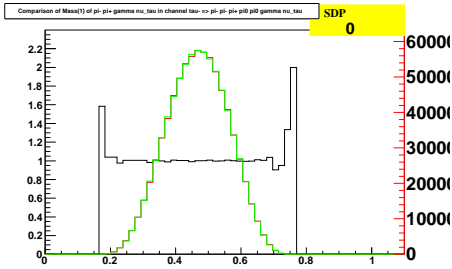
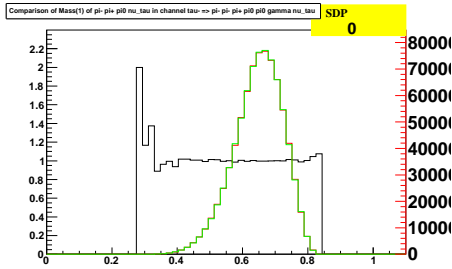
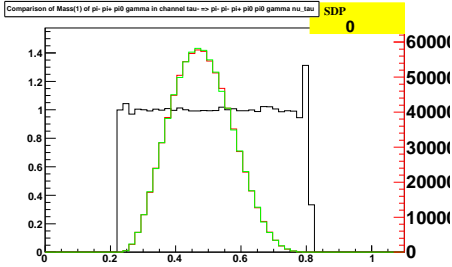
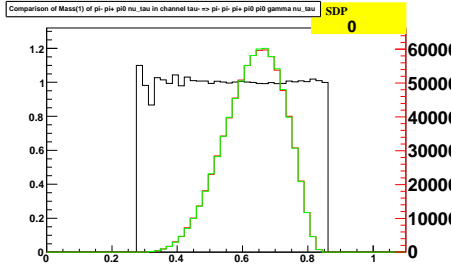
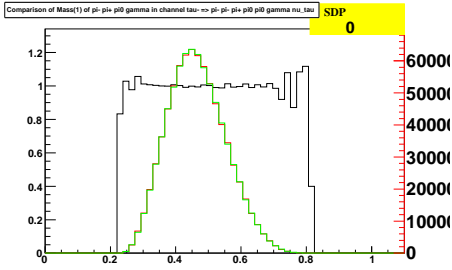
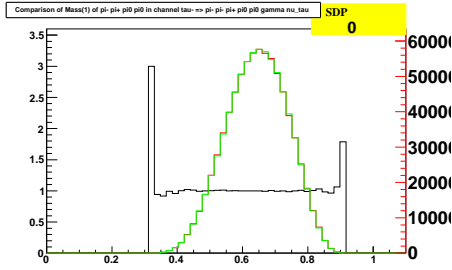




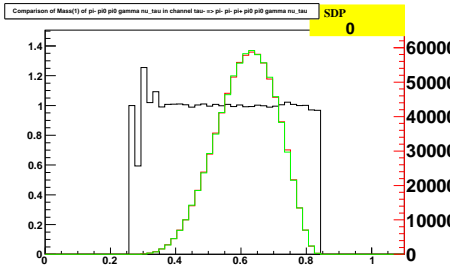
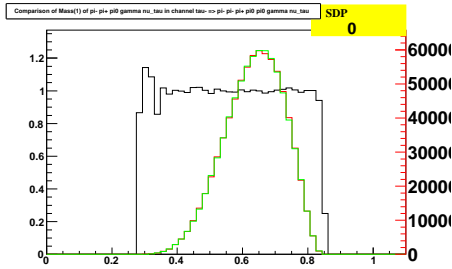
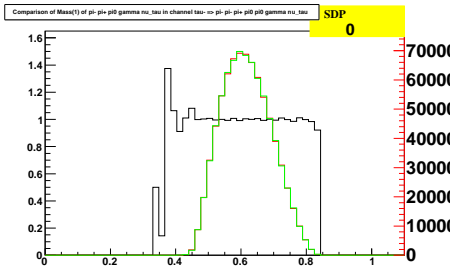
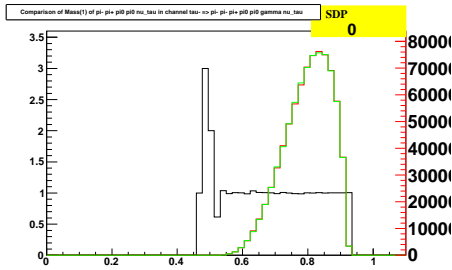
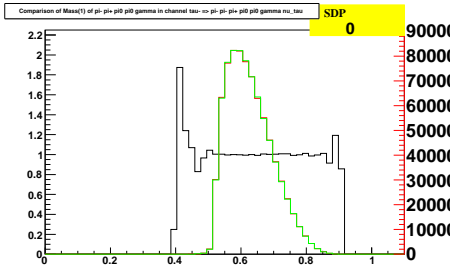
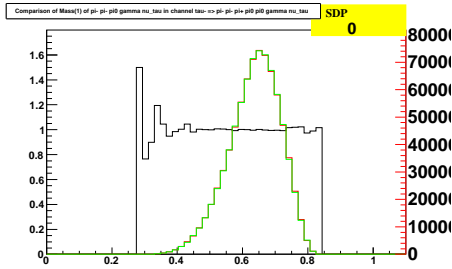
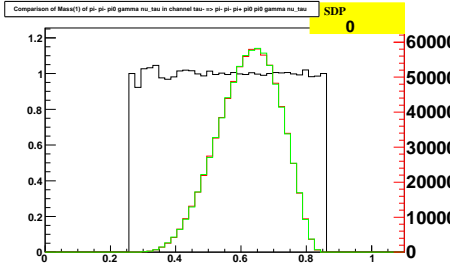
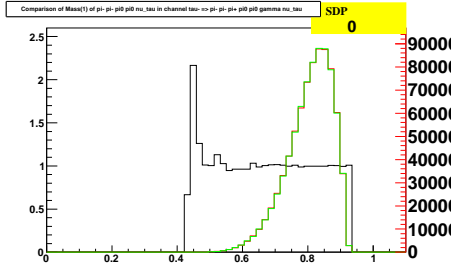
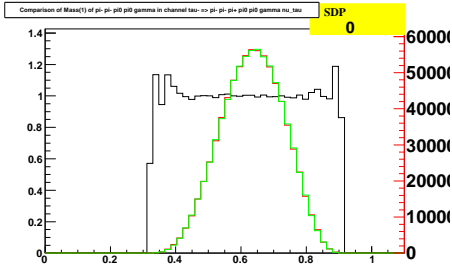
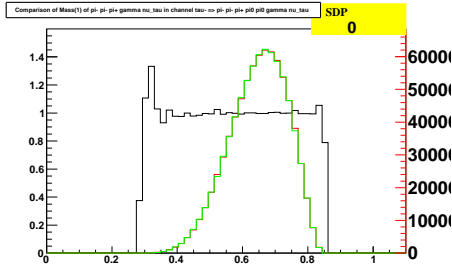


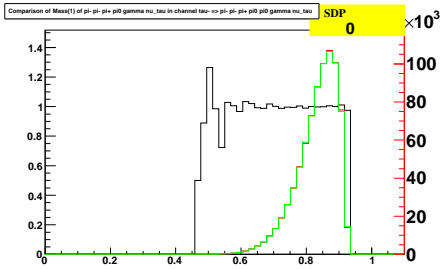
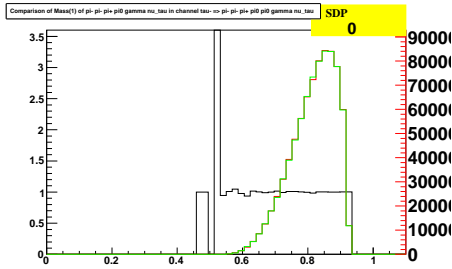
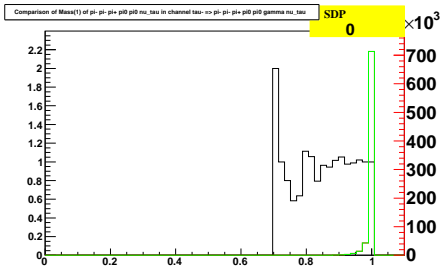
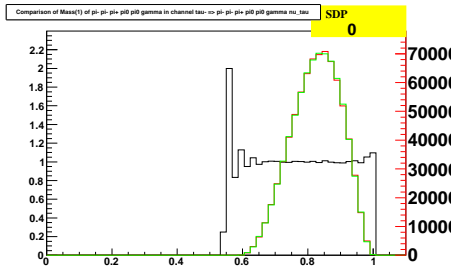
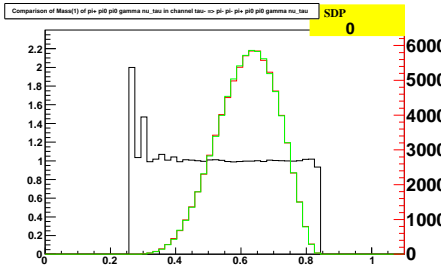
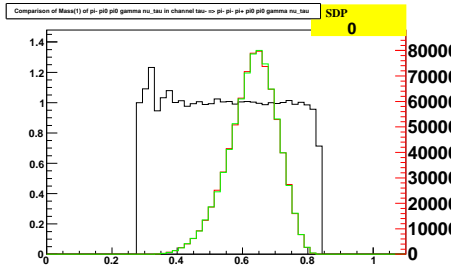
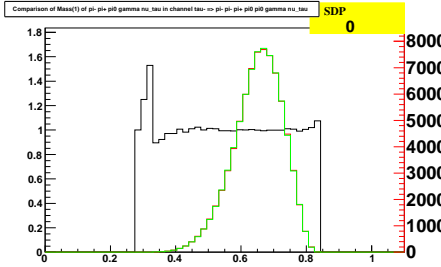
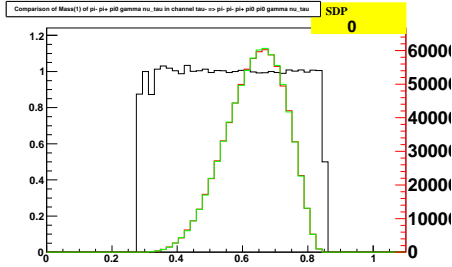
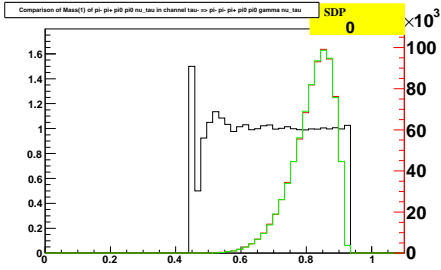
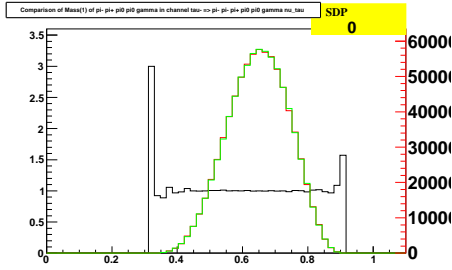


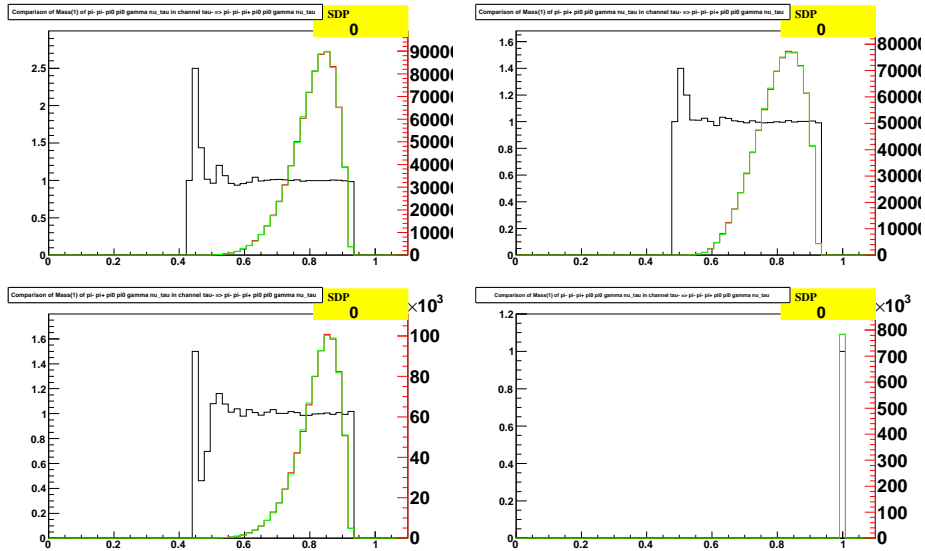








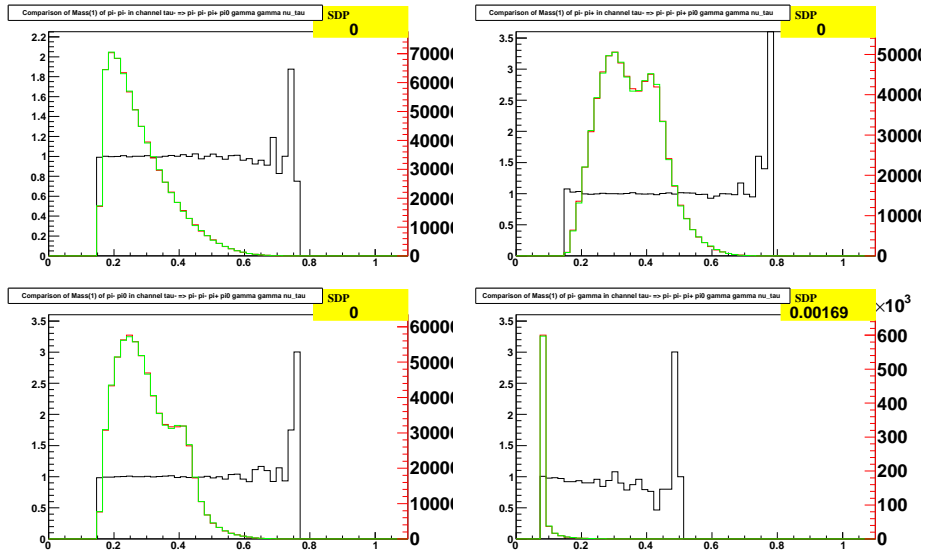


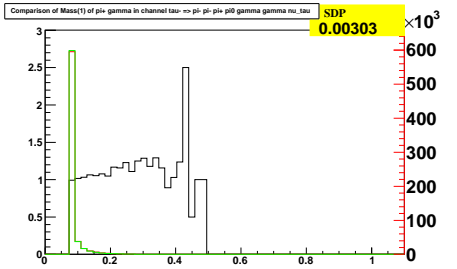
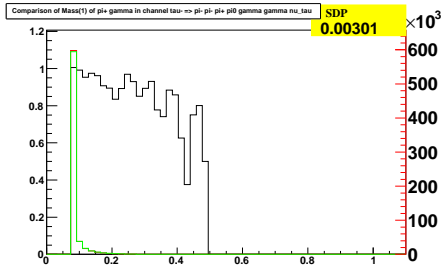
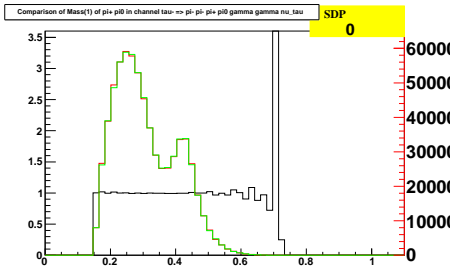
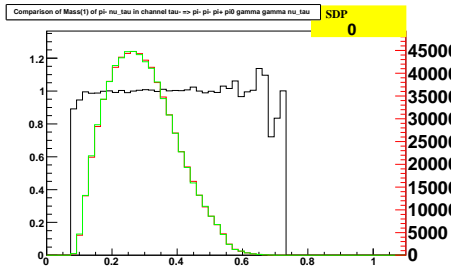
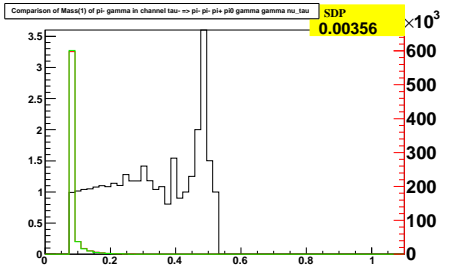
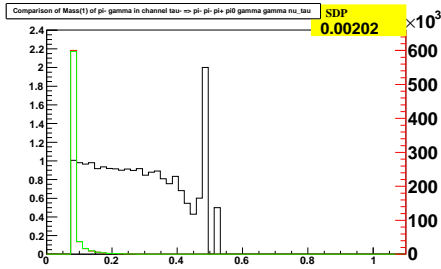
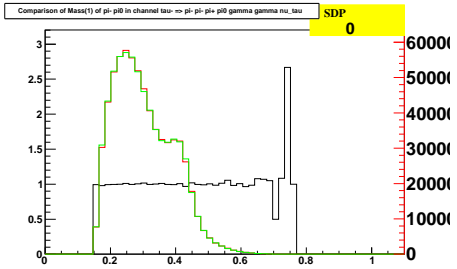
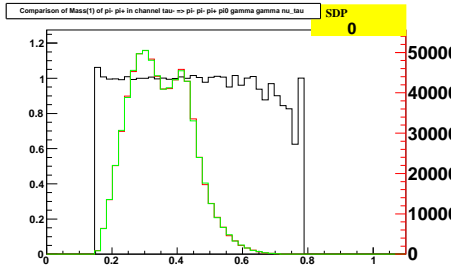
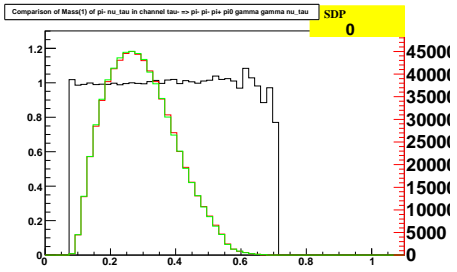
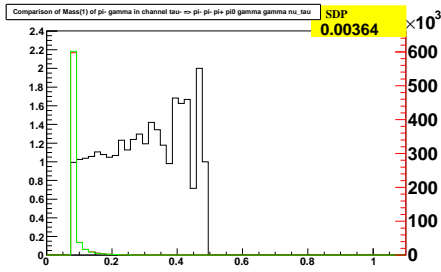


### 38 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \gamma \nu_\tau$

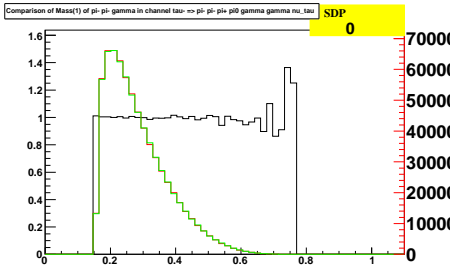
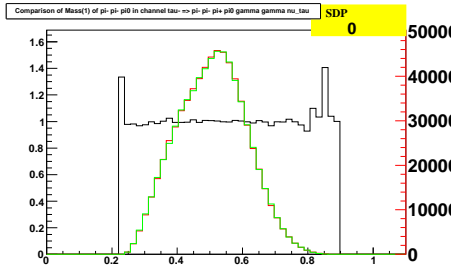
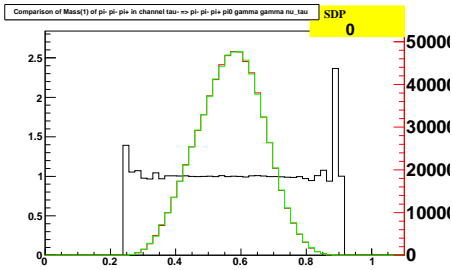
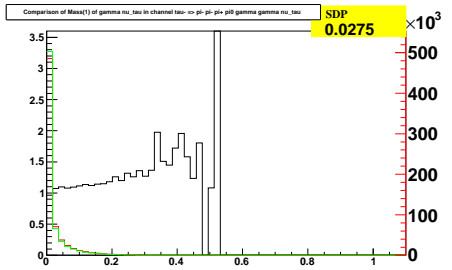
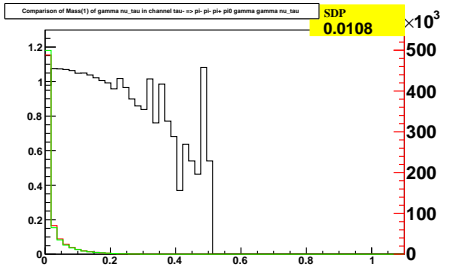
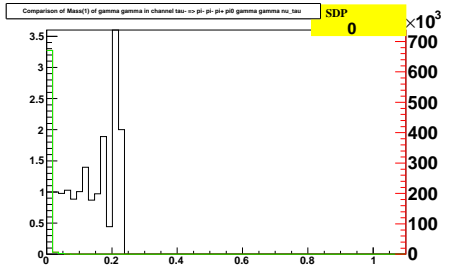
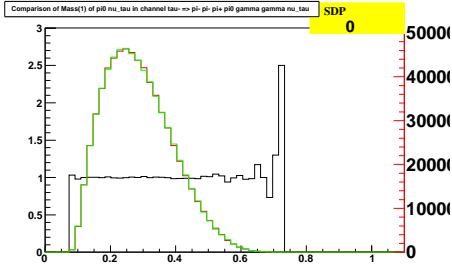
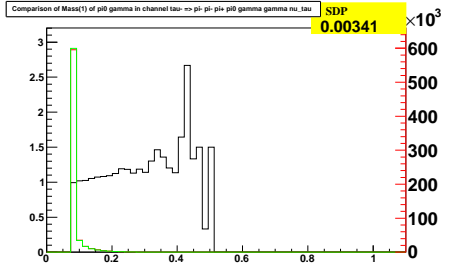
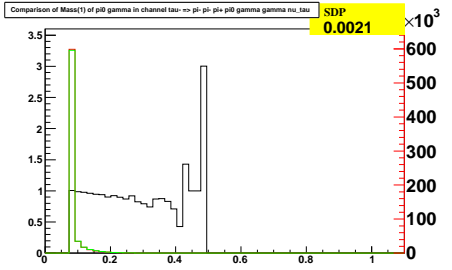
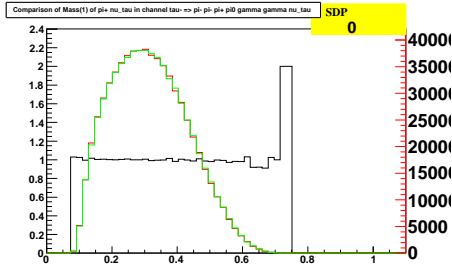
Number of events from generator 1: 680851 (scaled to generator2)

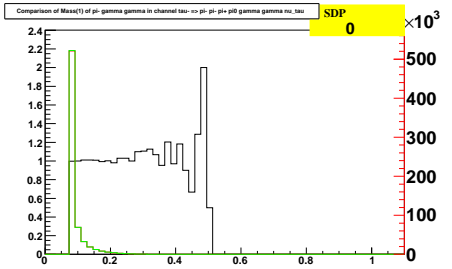
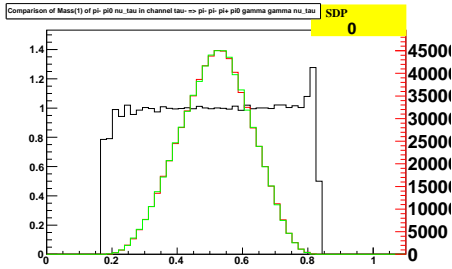
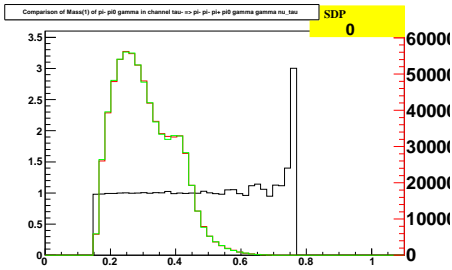
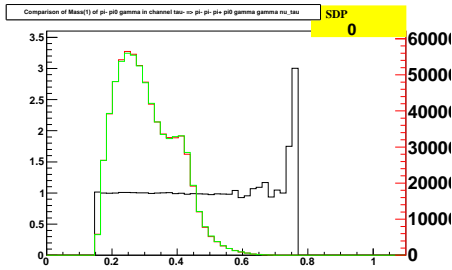
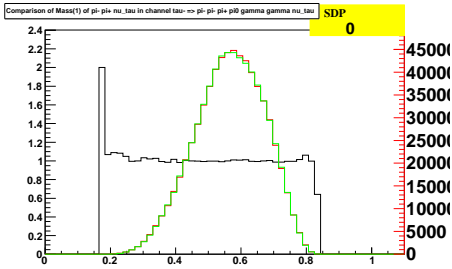
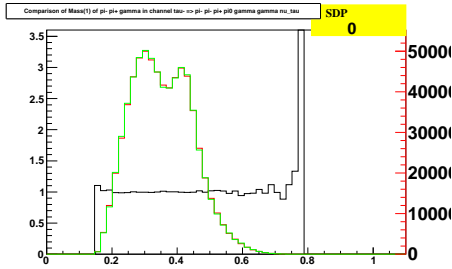
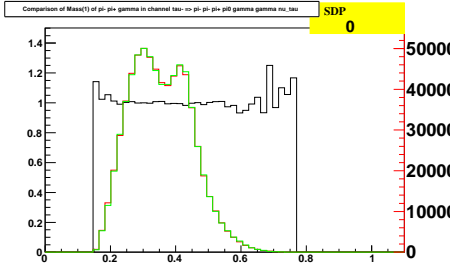
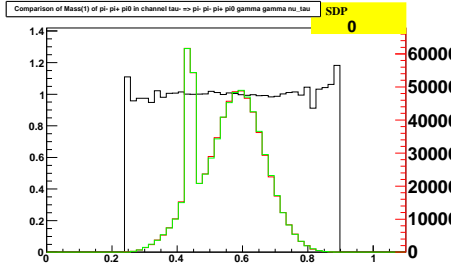
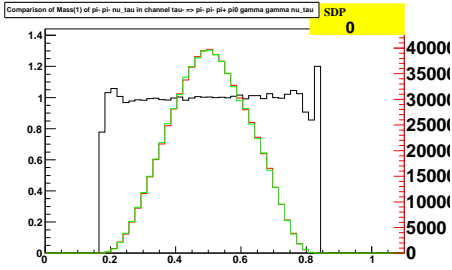
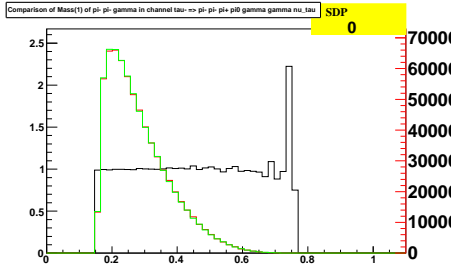
Number of events from generator 2: 681319

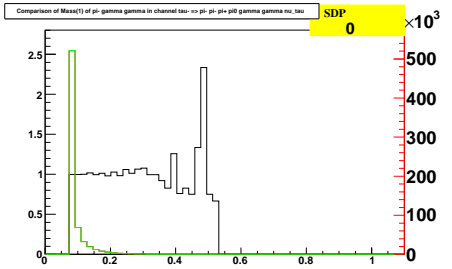
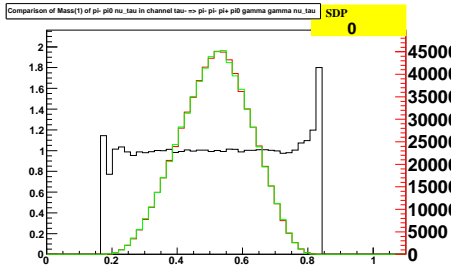
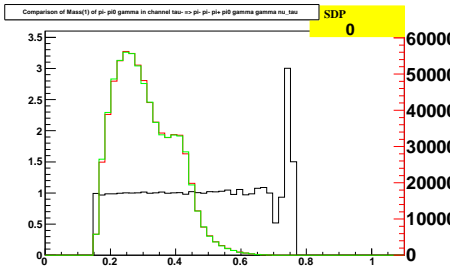
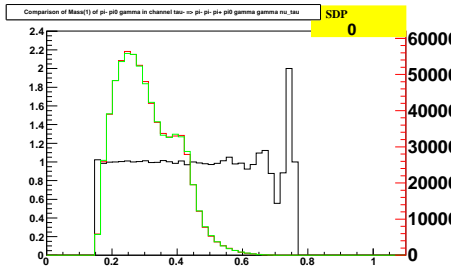
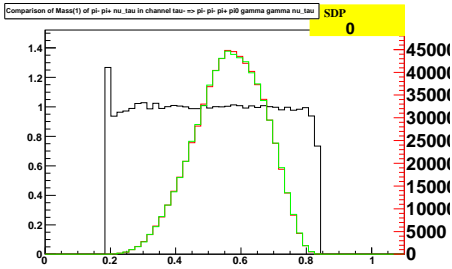
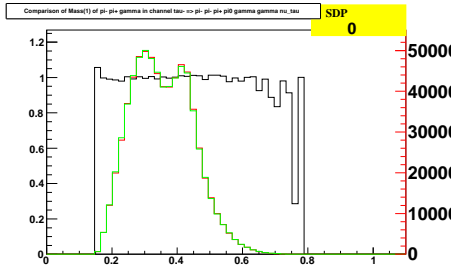
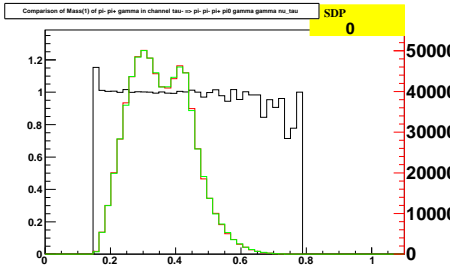
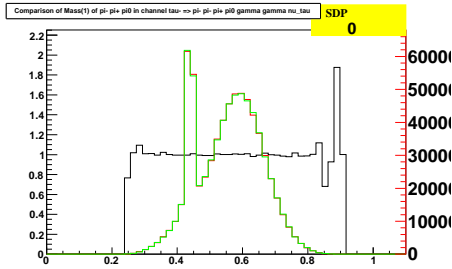
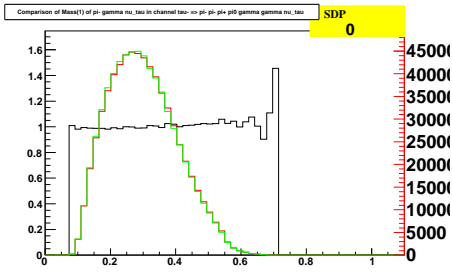
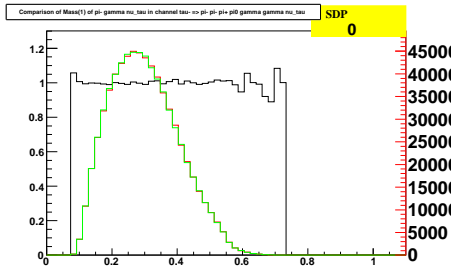


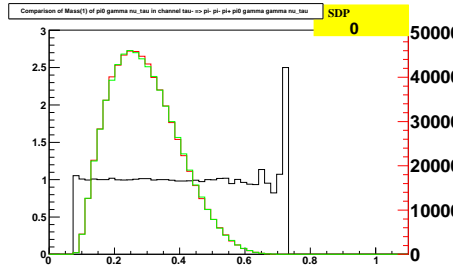
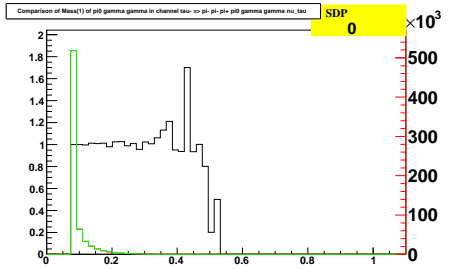
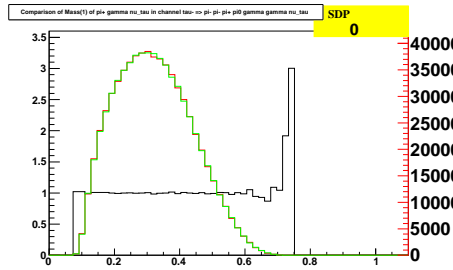
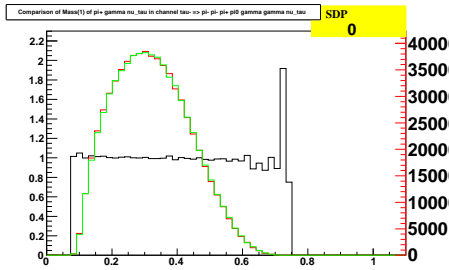
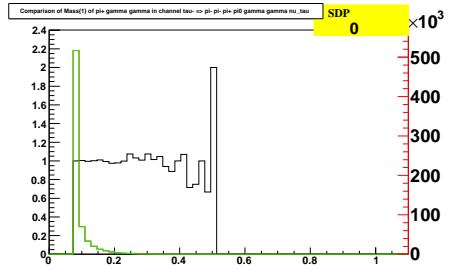
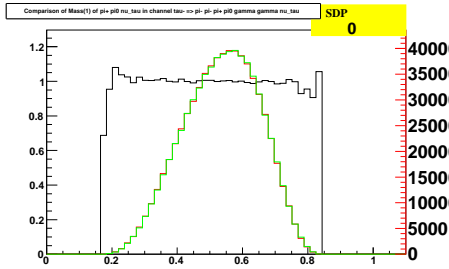
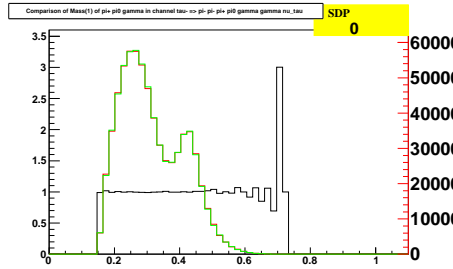
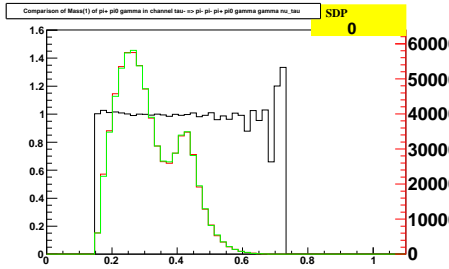
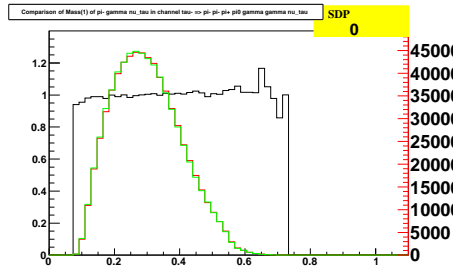
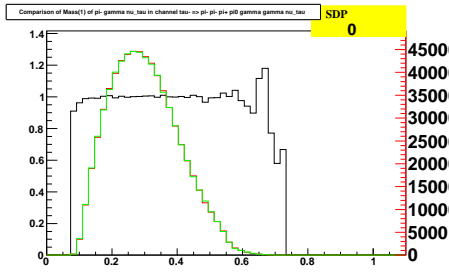


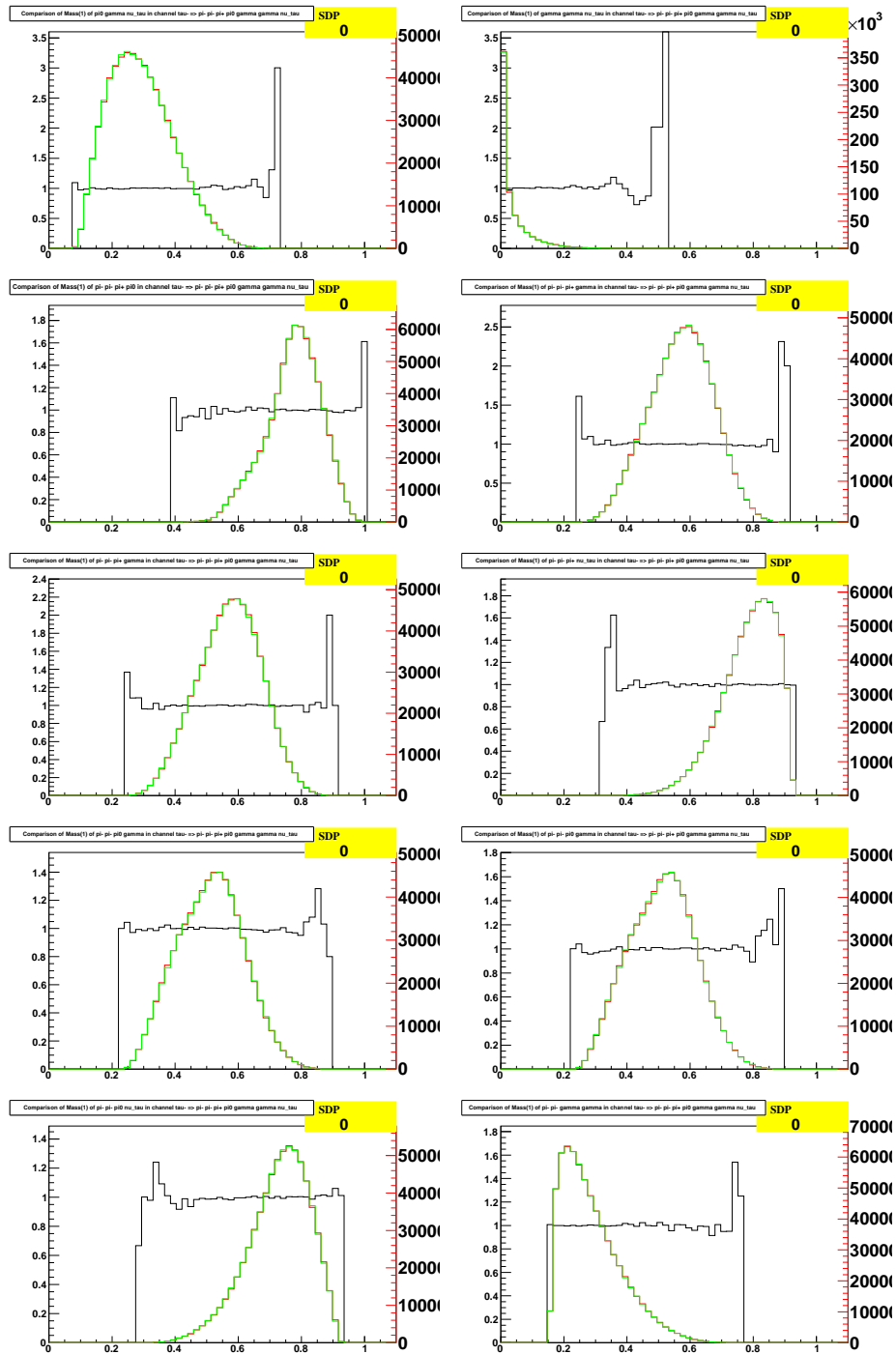


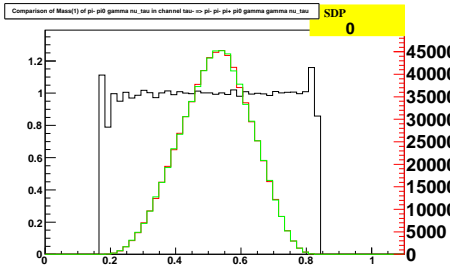
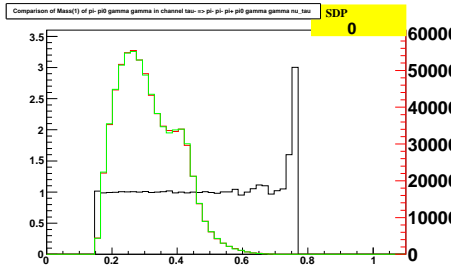
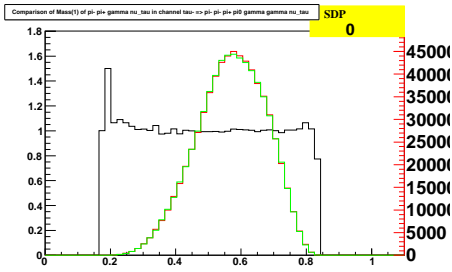
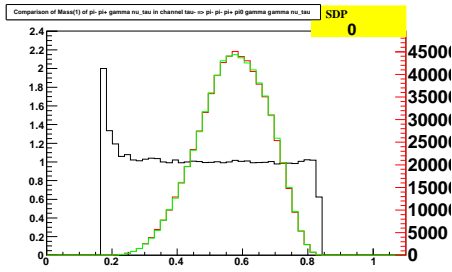
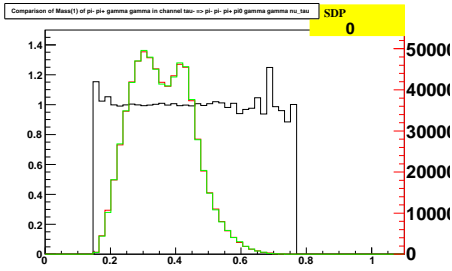
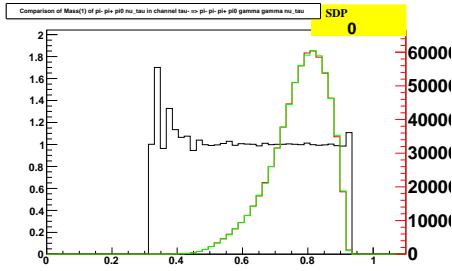
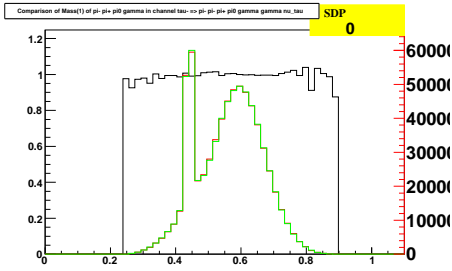
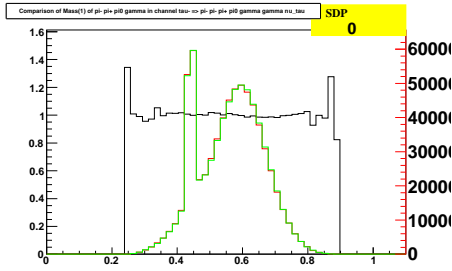
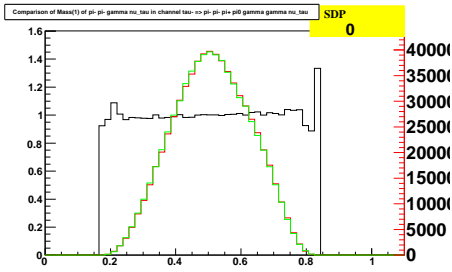
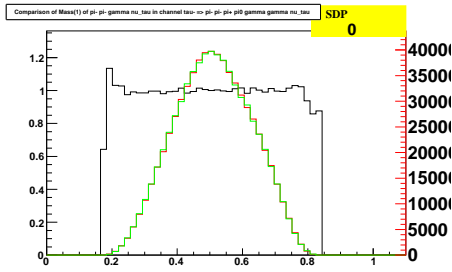


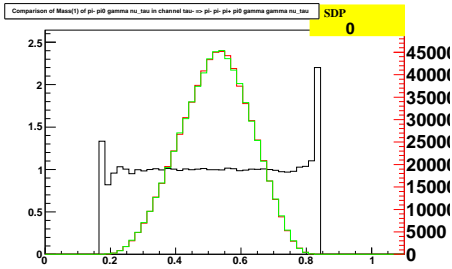
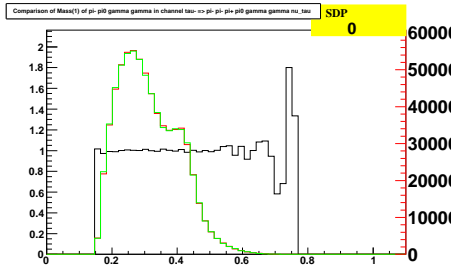
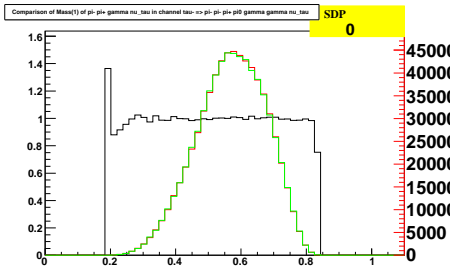
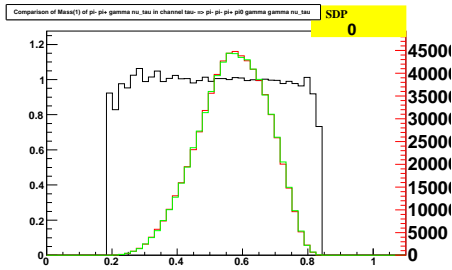
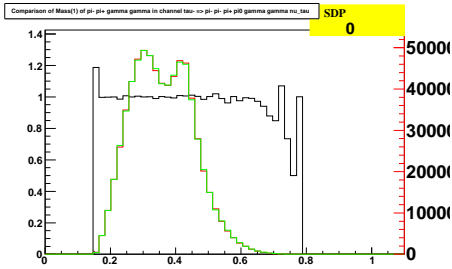
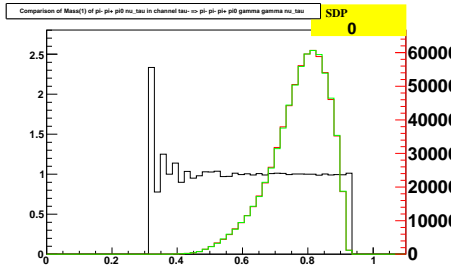
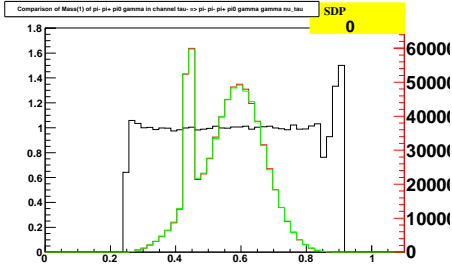
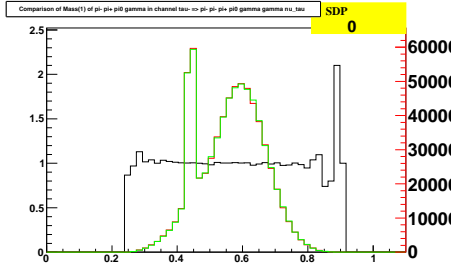
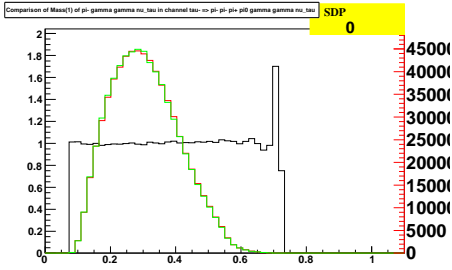
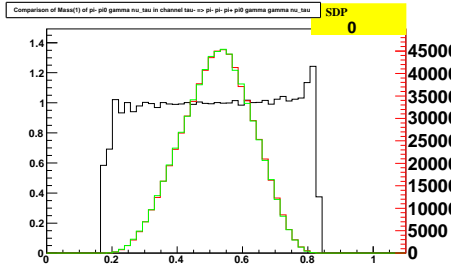


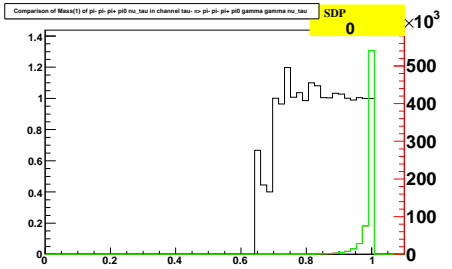
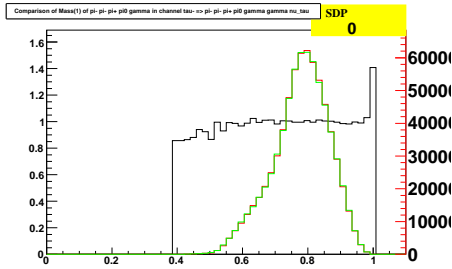
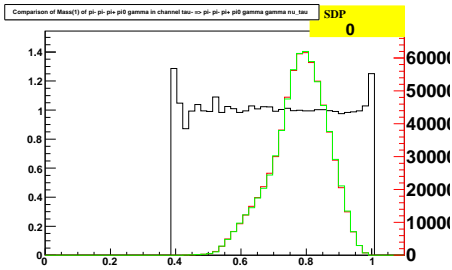
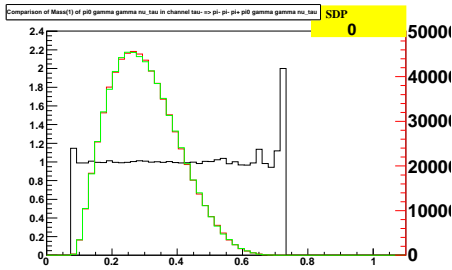
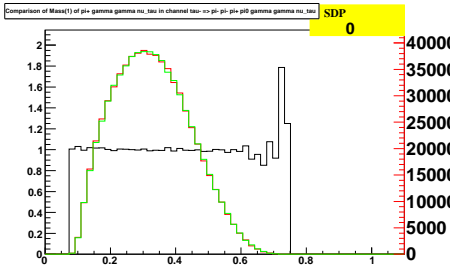
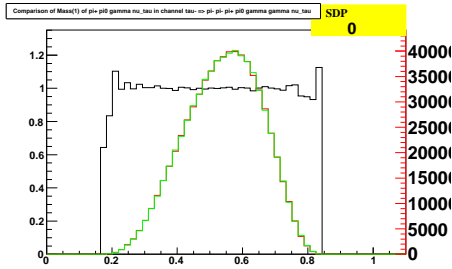
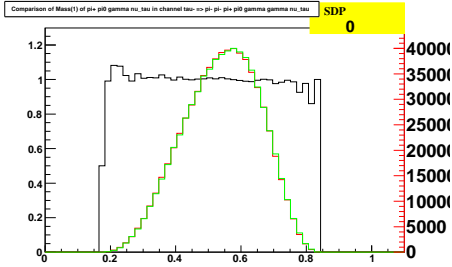
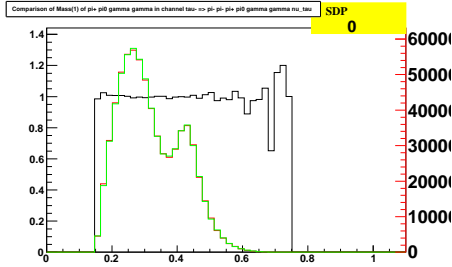
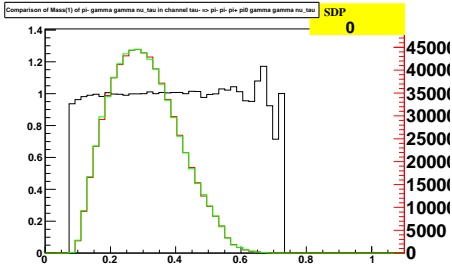
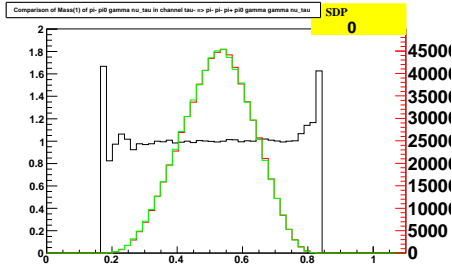




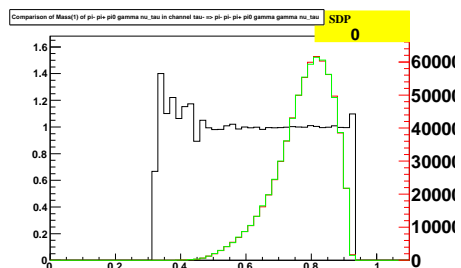
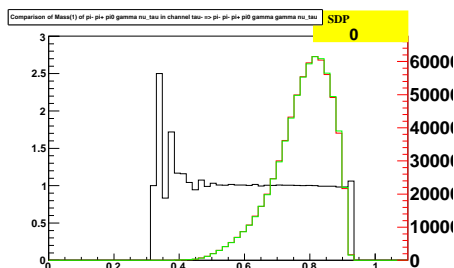
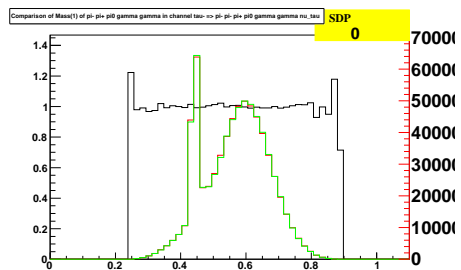
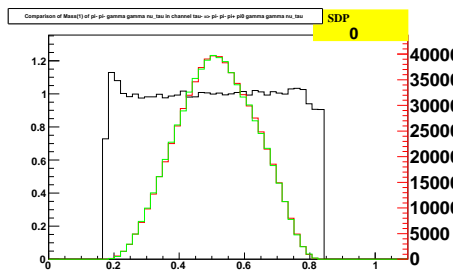
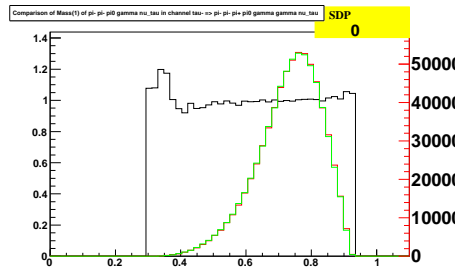
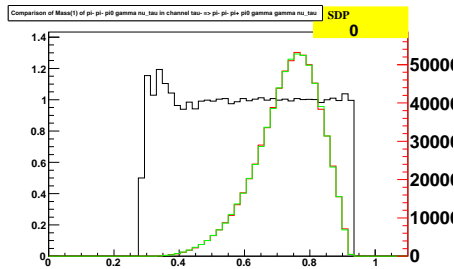
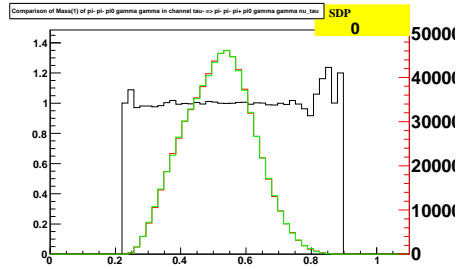
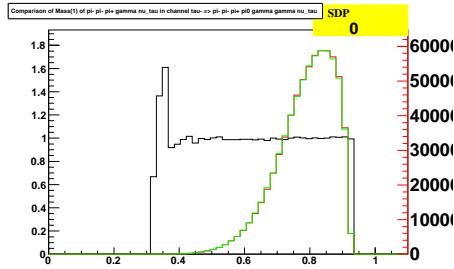
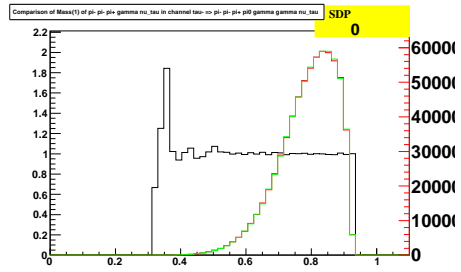
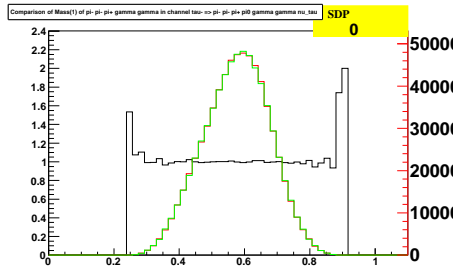


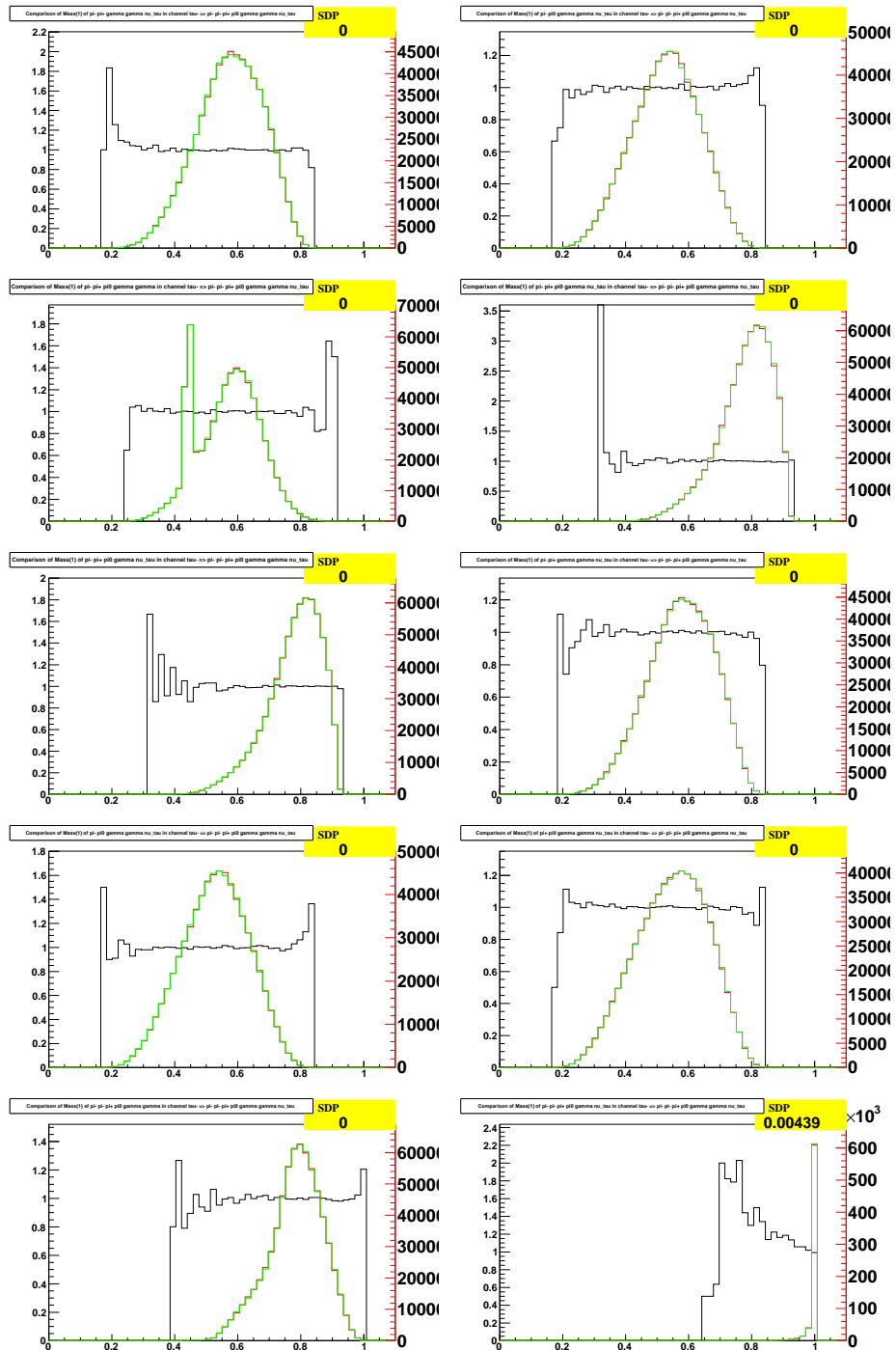


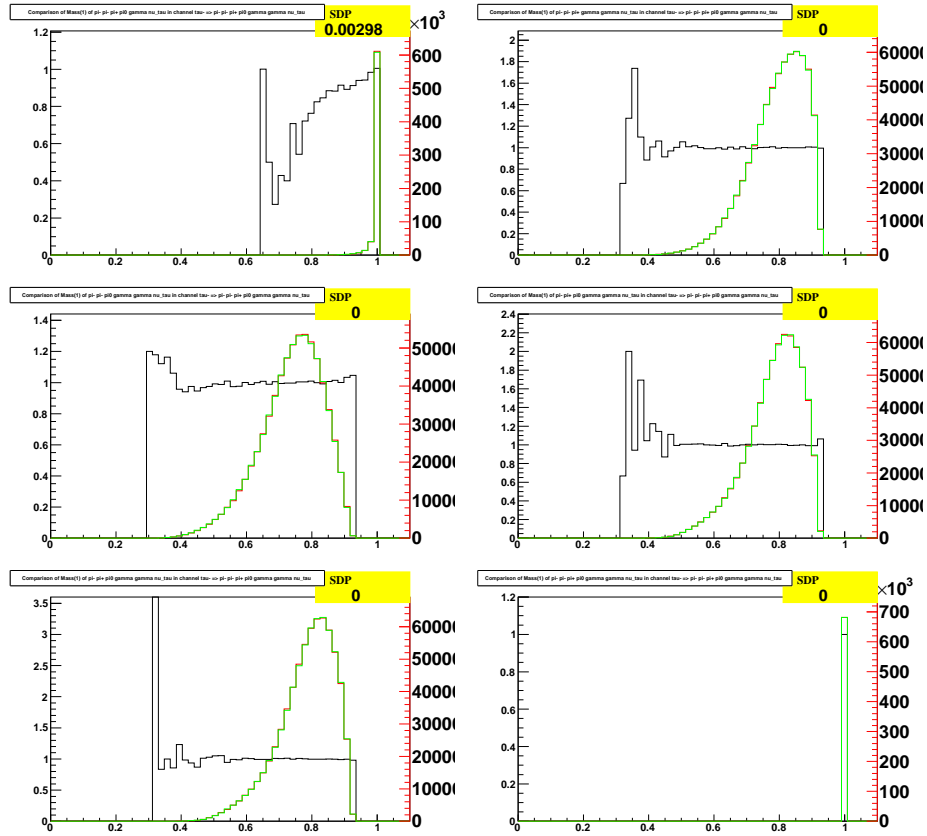








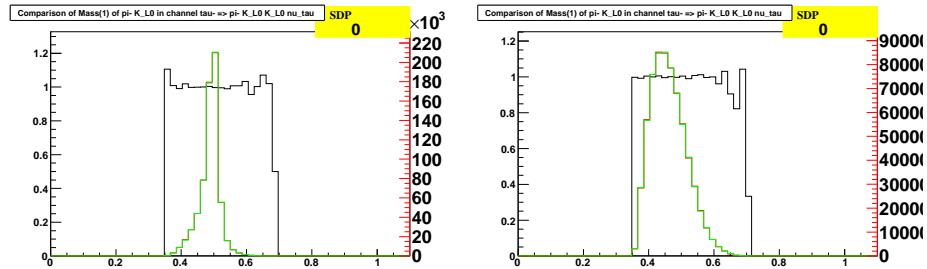


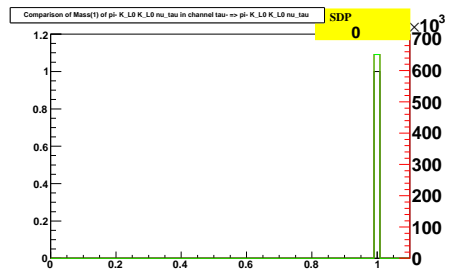
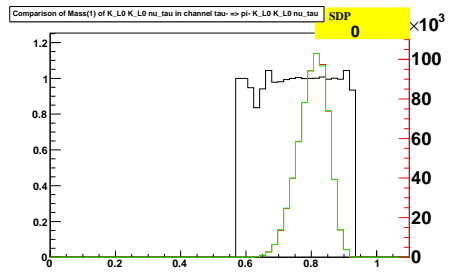
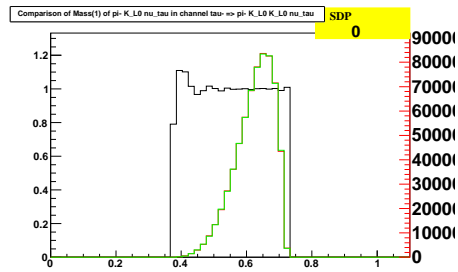
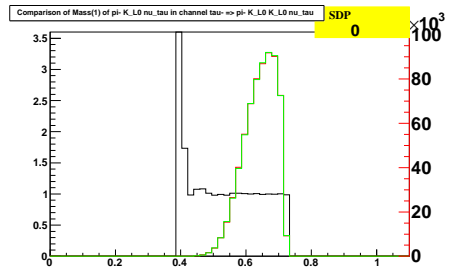
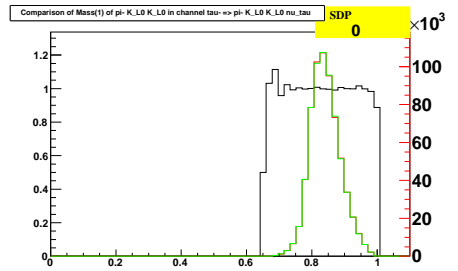
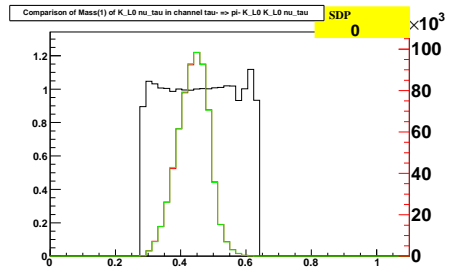
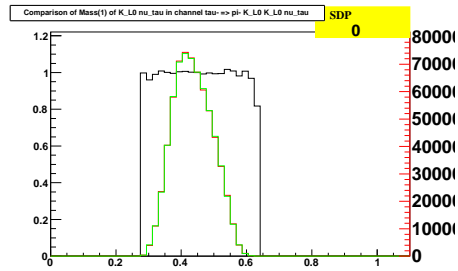
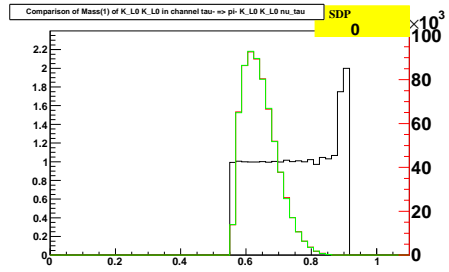
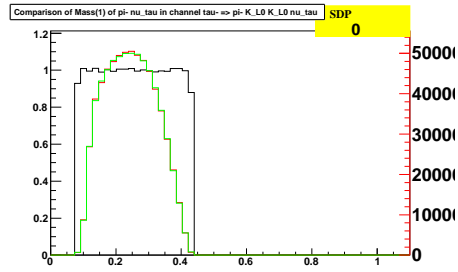


### 39 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 K_L^0 \nu_\tau$

Number of events from generator 1: 651206

Number of events from generator 2: 651030 (scaled to generator 1)

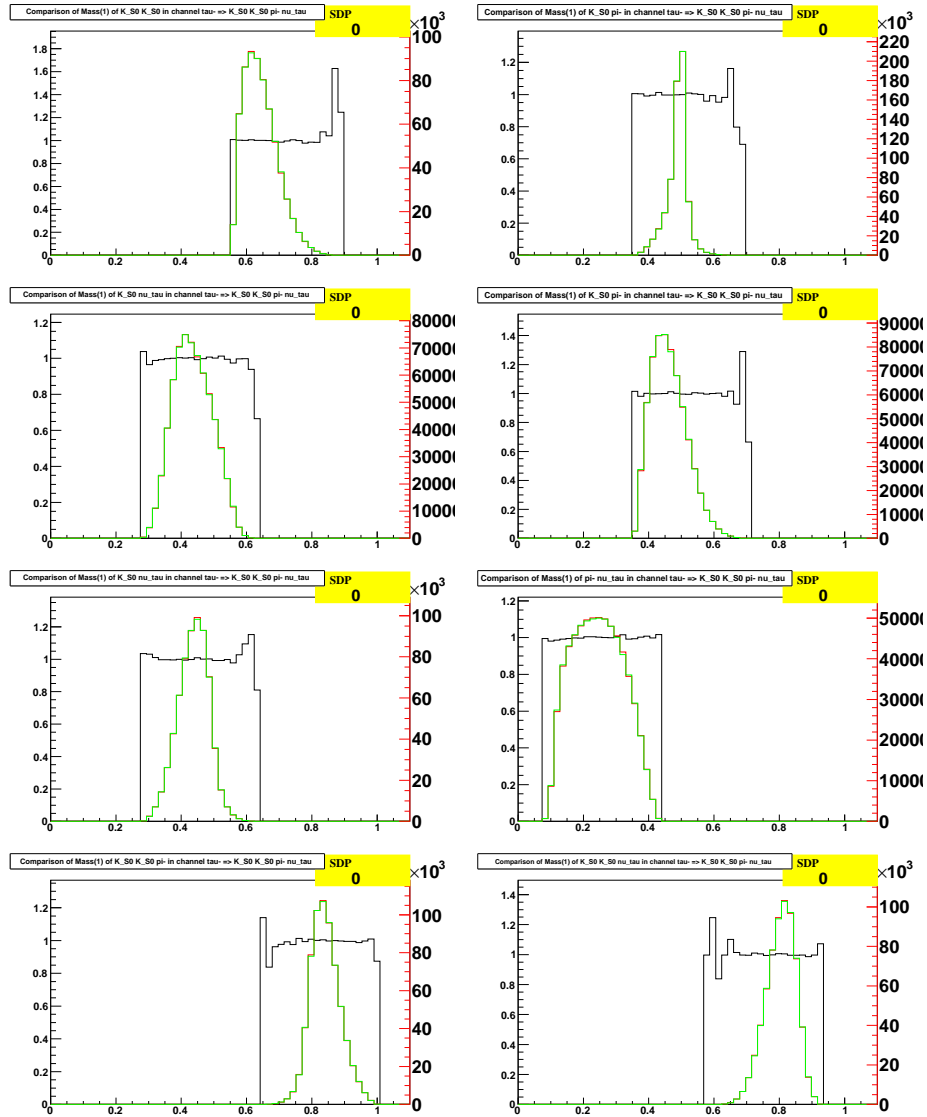


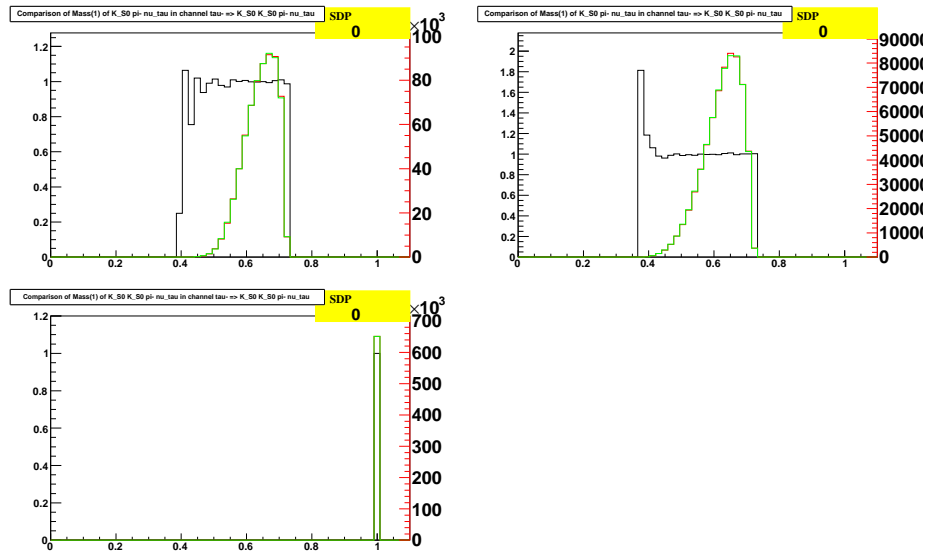


## 40 Decay Channel: $\tau^- \rightarrow K_S^0 K_S^0 \pi^- \nu_\tau$

Number of events from generator 1: 651177

Number of events from generator 2: 649549 (scaled to generator1)

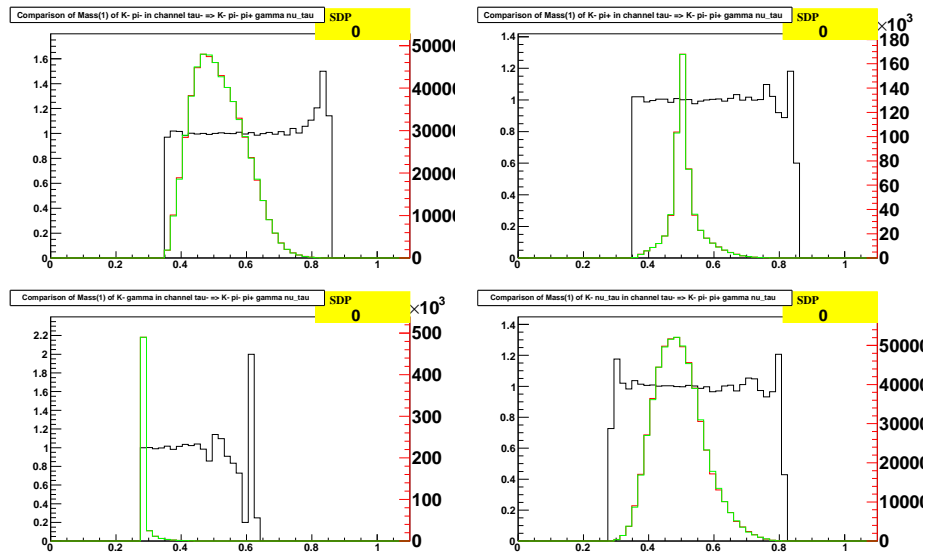


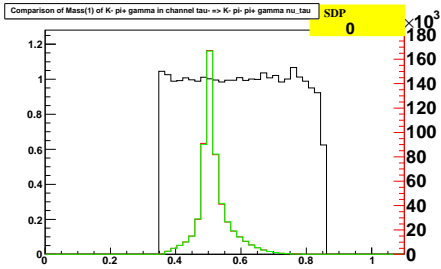
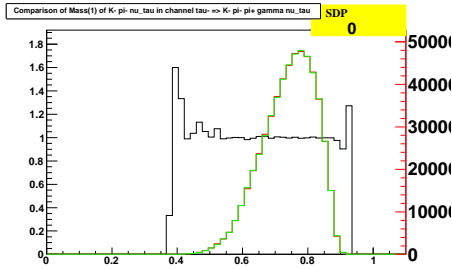
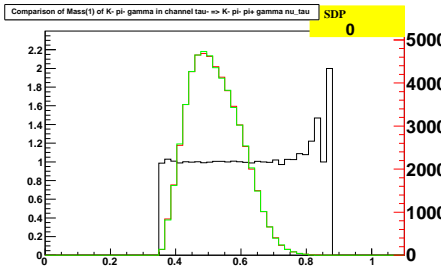
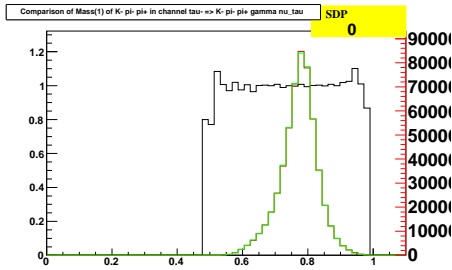
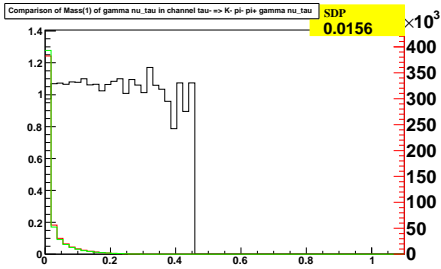
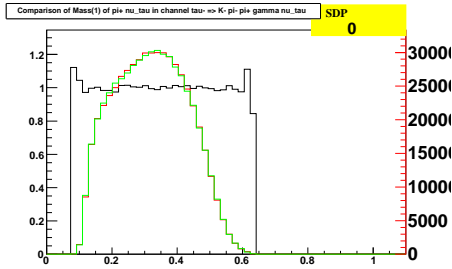
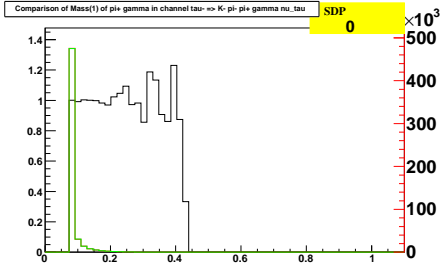
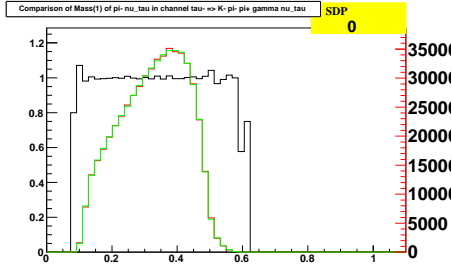
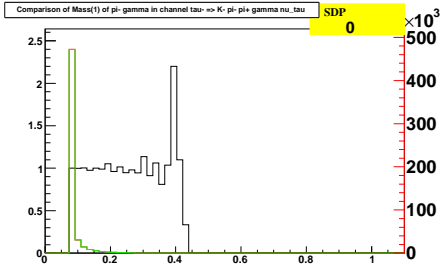
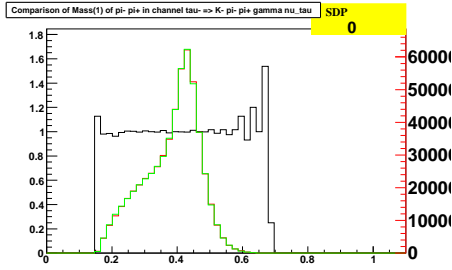


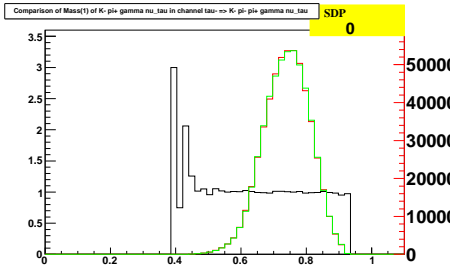
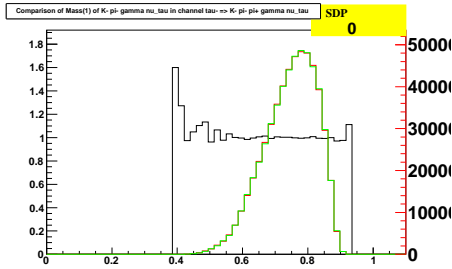
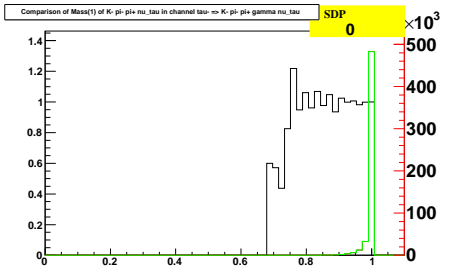
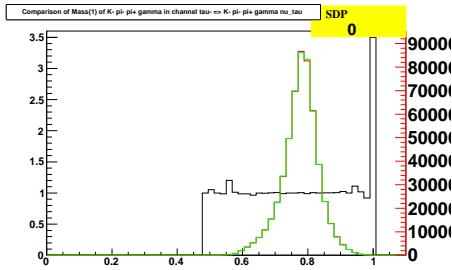
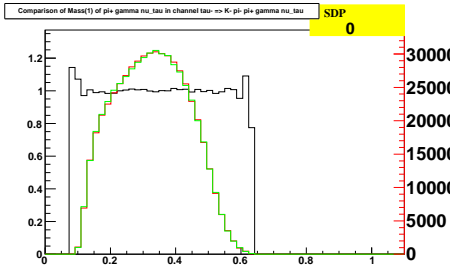
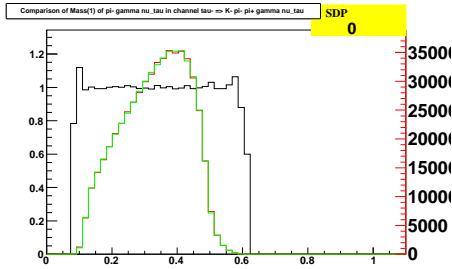
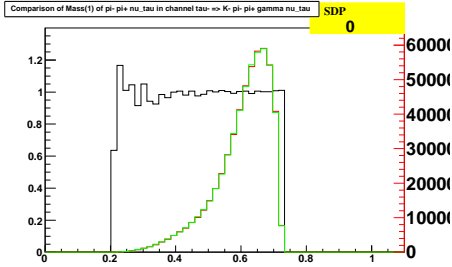
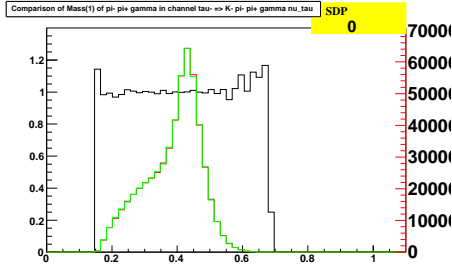
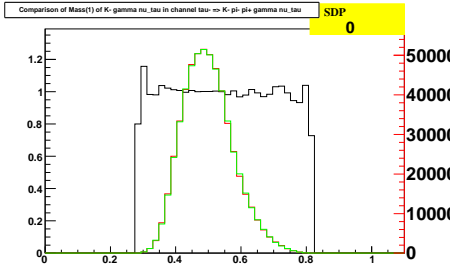
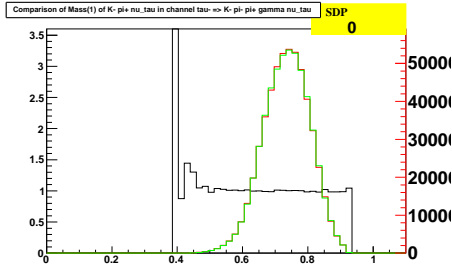
#### 41 Decay Channel: $\tau^- \rightarrow K^- \pi^- \pi^+ \gamma \nu_\tau$

Number of events from generator 1: 543659

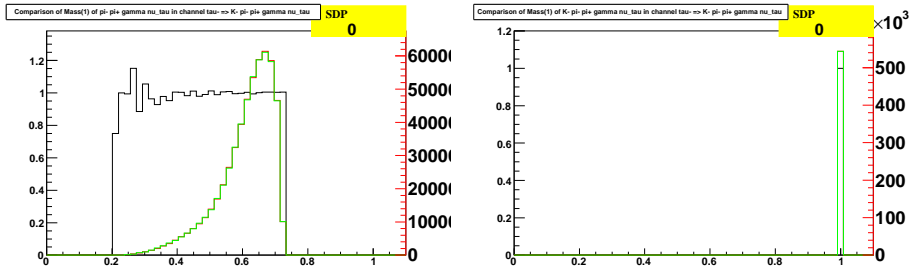
Number of events from generator 2: 543596 (scaled to generator 1)







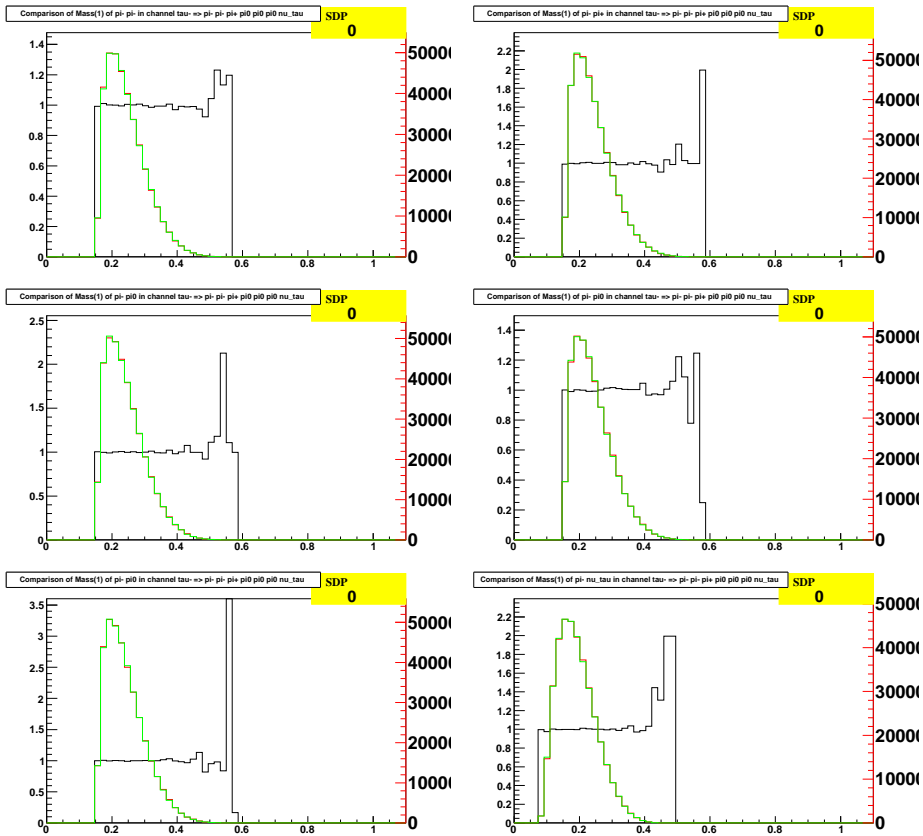


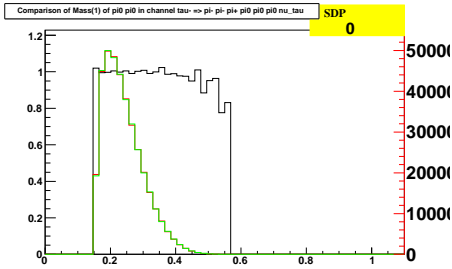
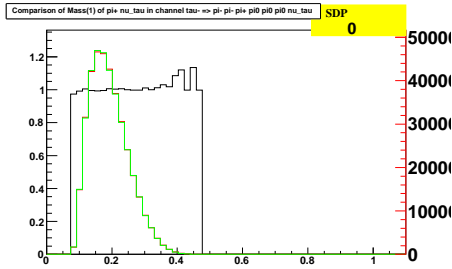
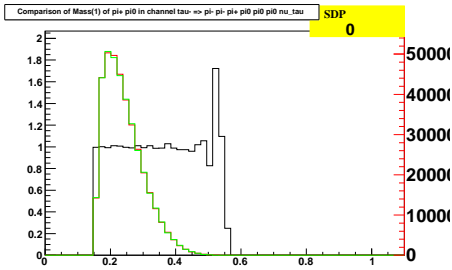
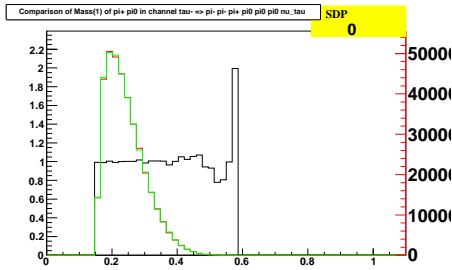
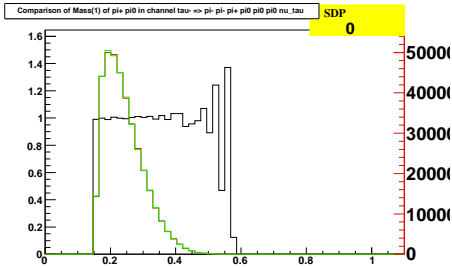
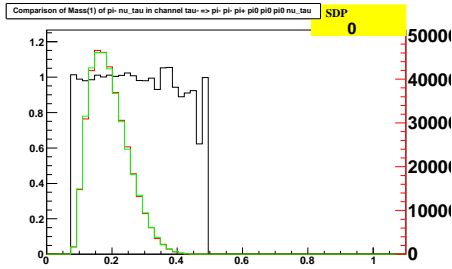
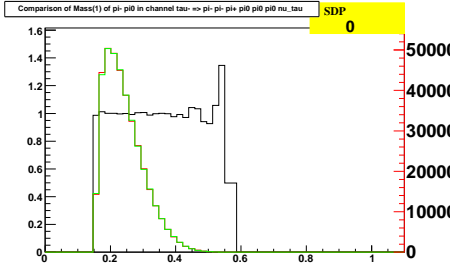
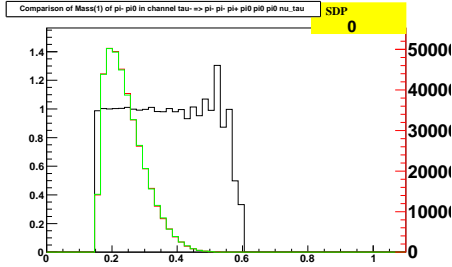
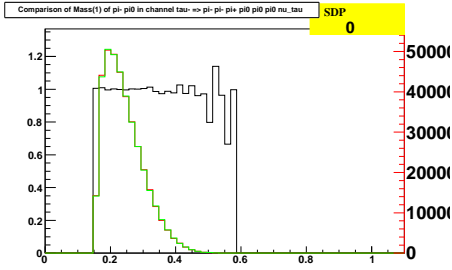
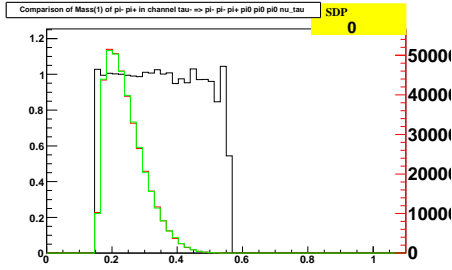


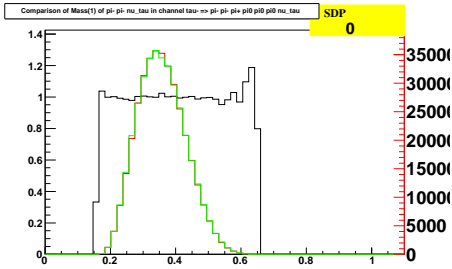
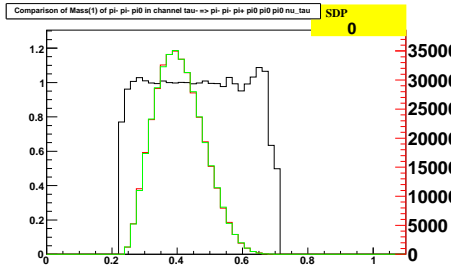
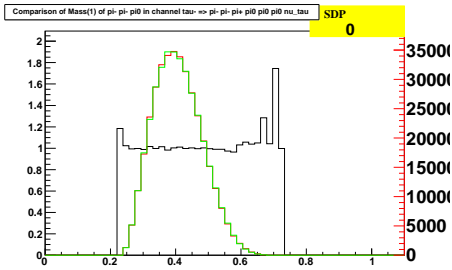
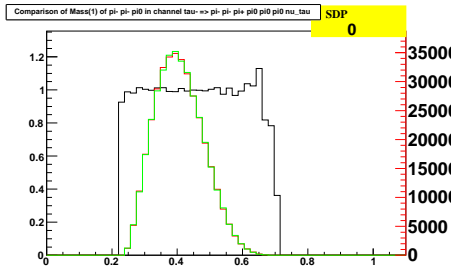
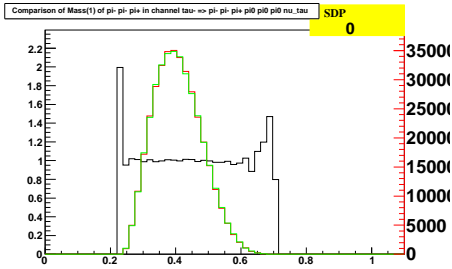
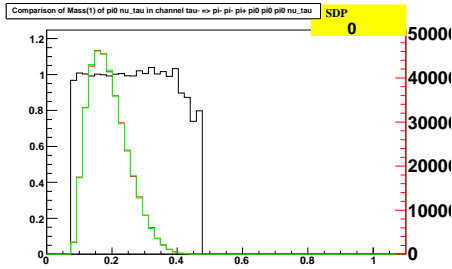
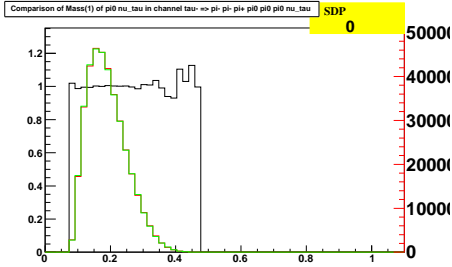
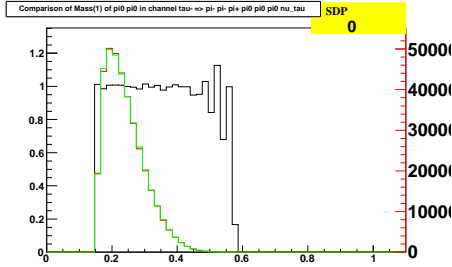
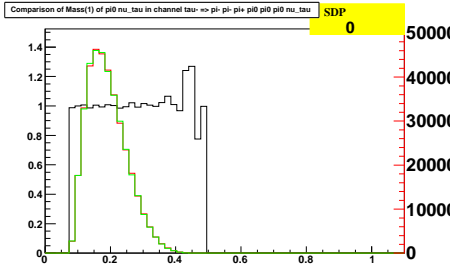
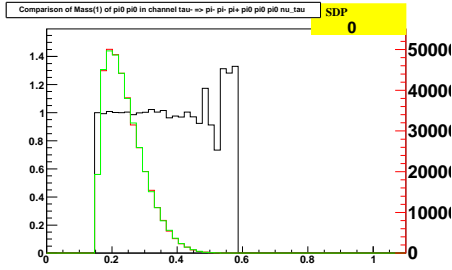
## 42 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \pi^0 \pi^0 \pi^0 \nu_\tau$

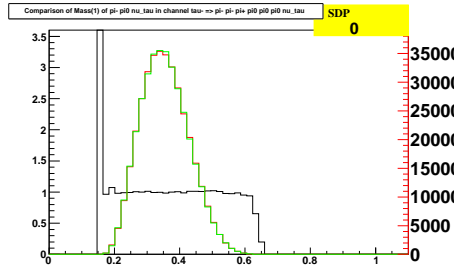
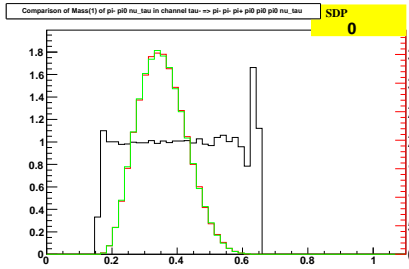
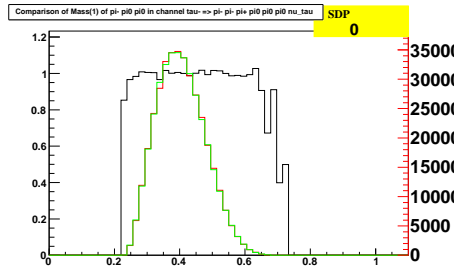
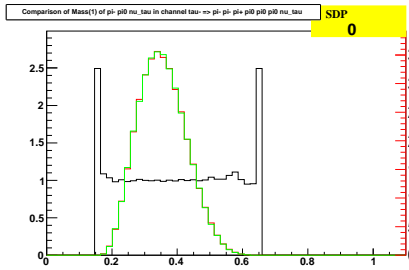
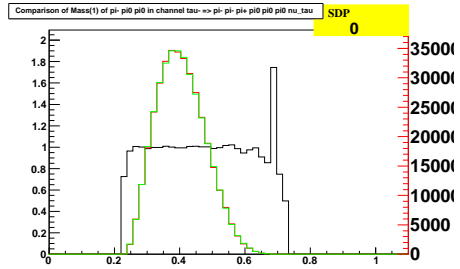
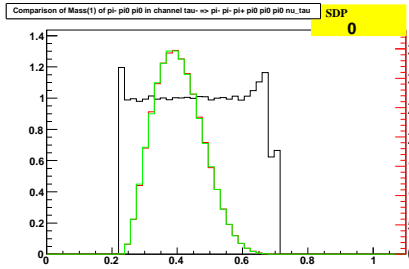
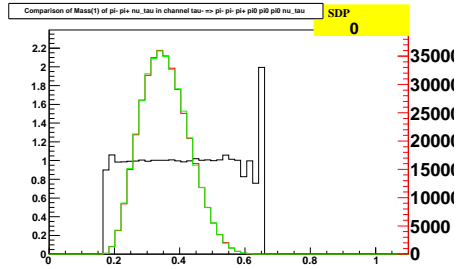
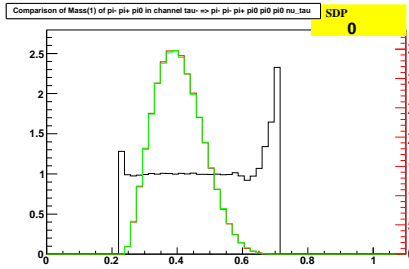
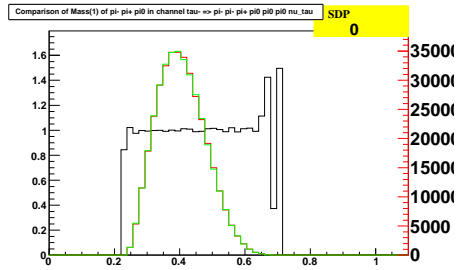
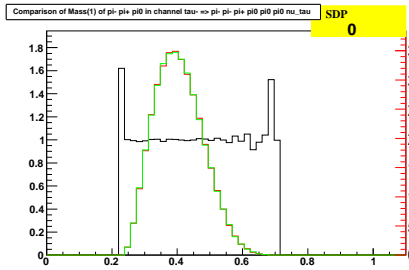
Number of events from generator 1: 371880

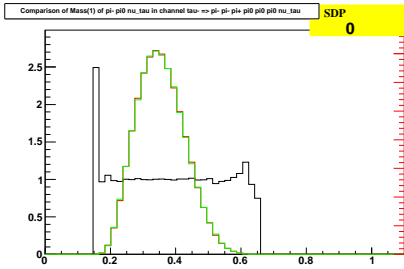
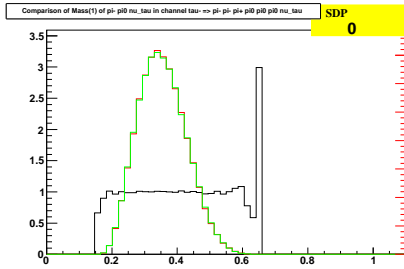
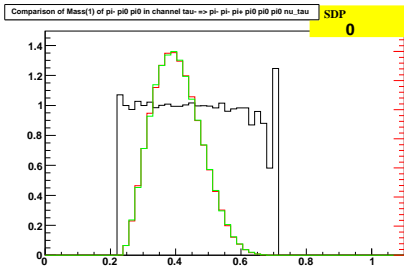
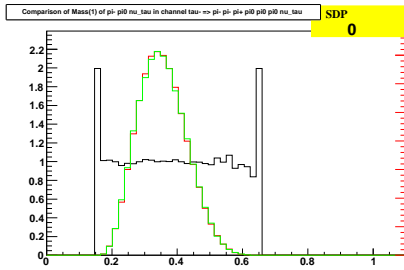
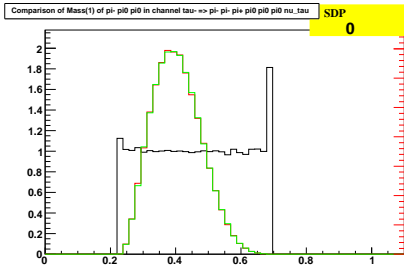
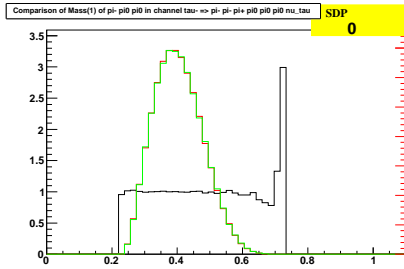
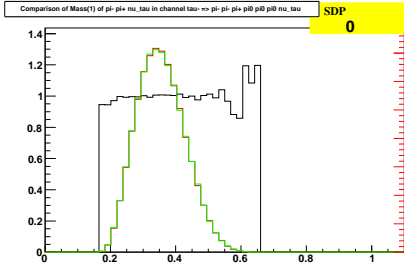
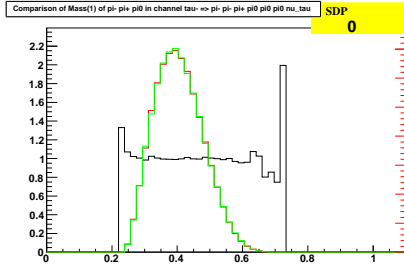
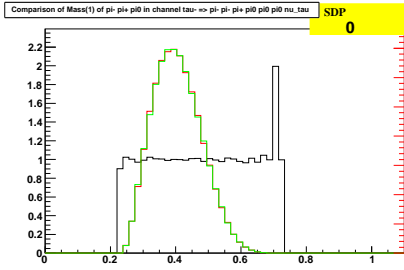
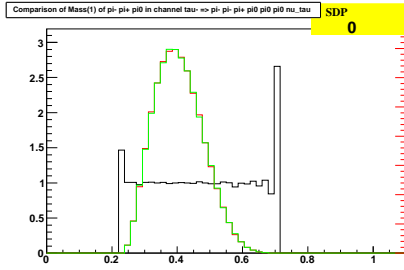
Number of events from generator 2: 370891 (scaled to generator 1)

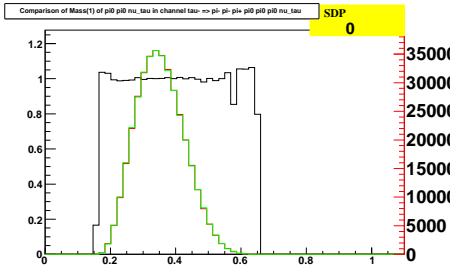
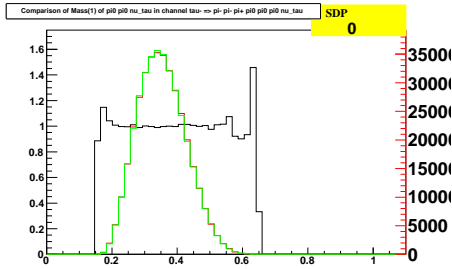
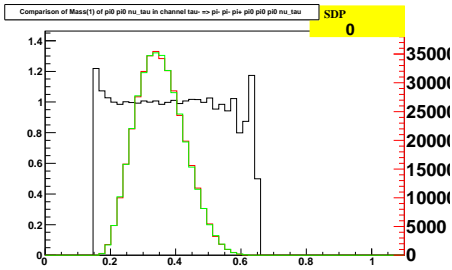
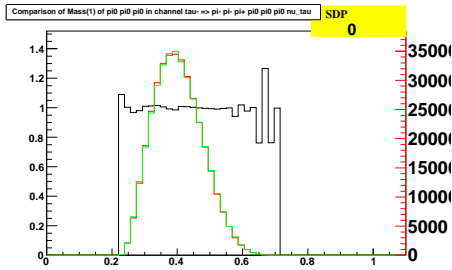
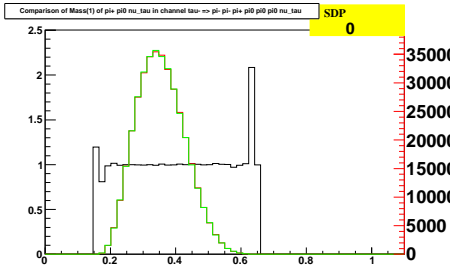
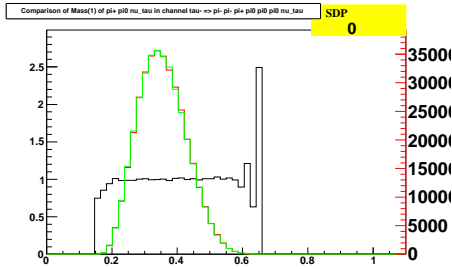
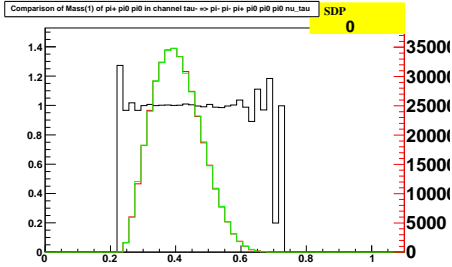
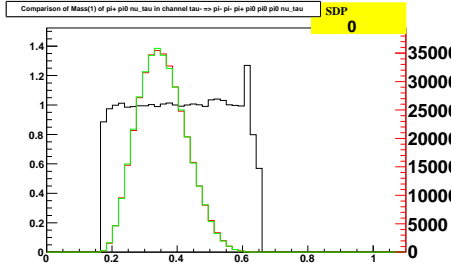
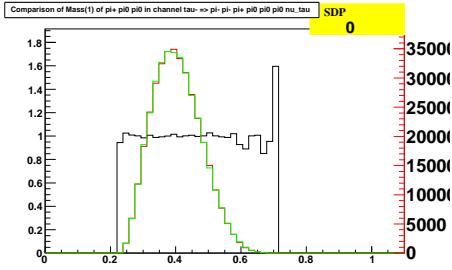
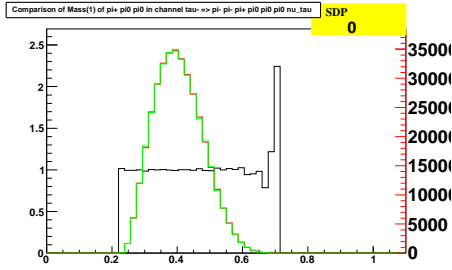


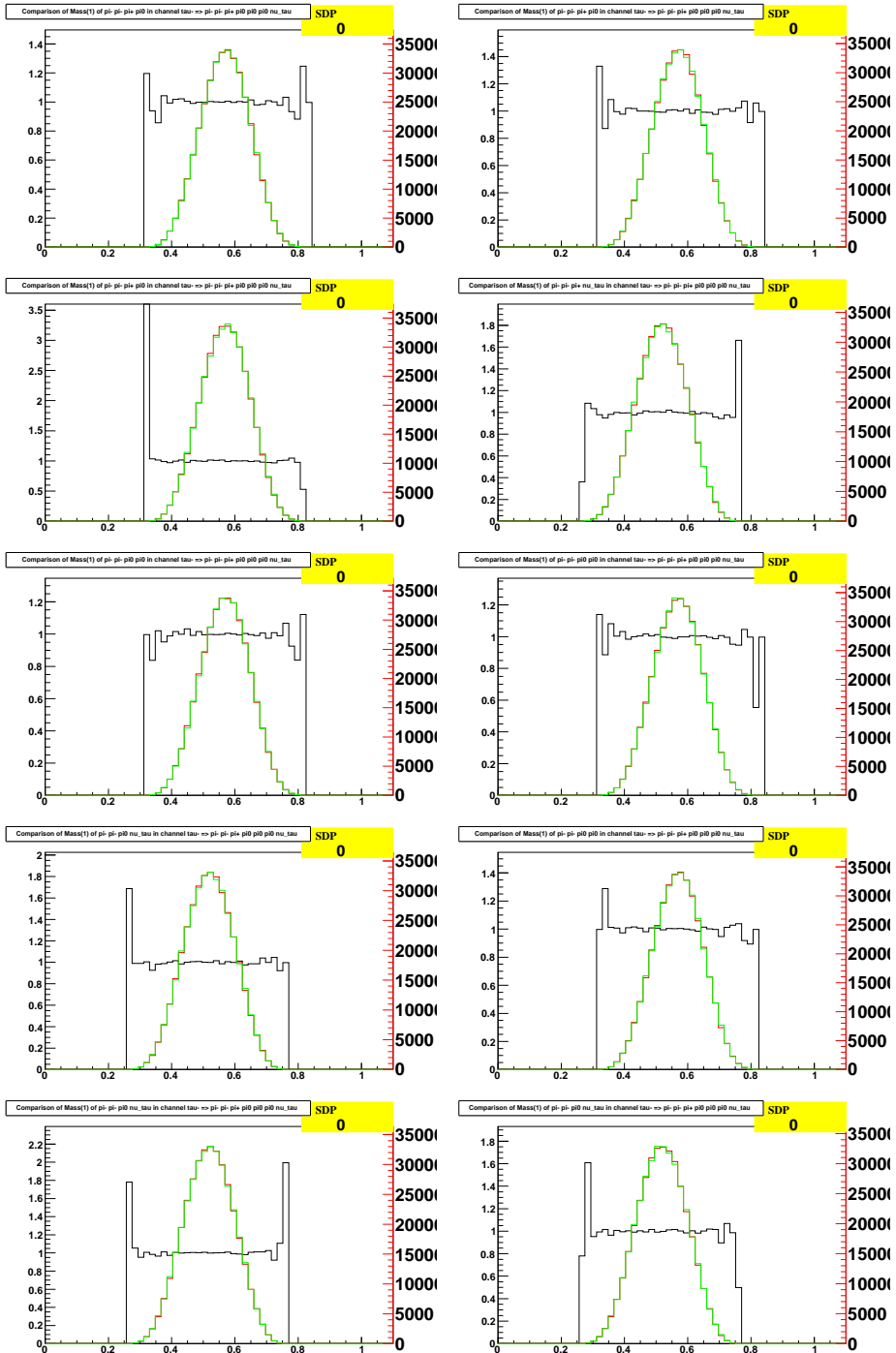


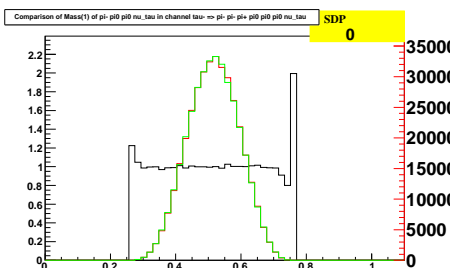
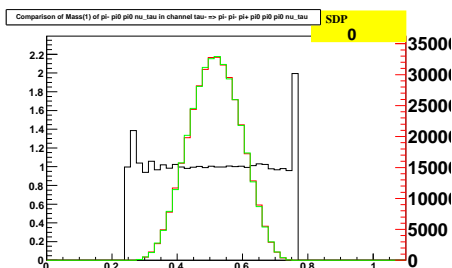
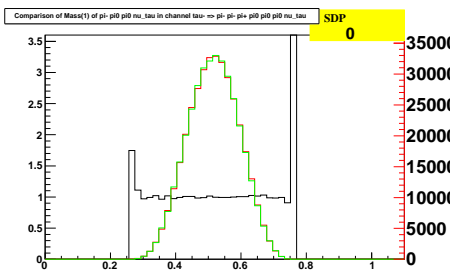
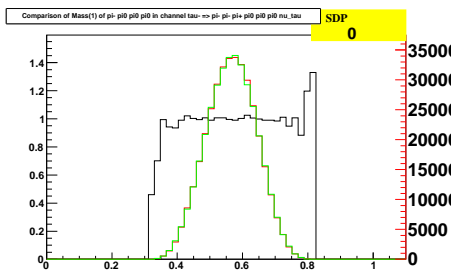
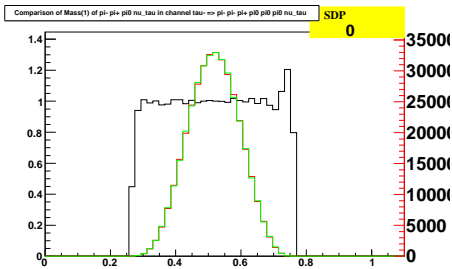
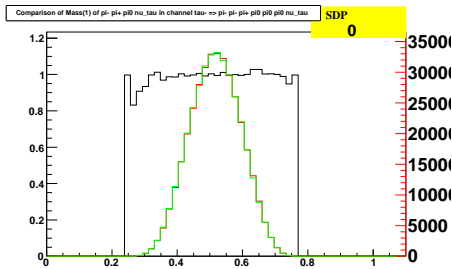
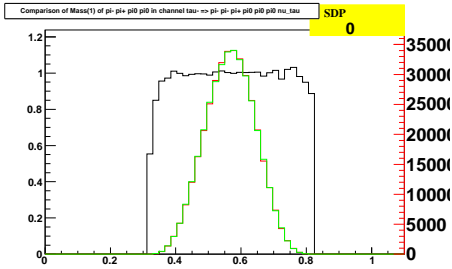
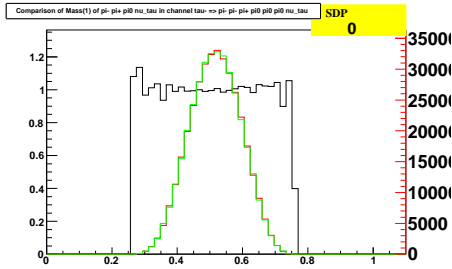
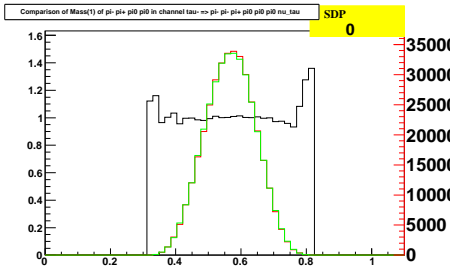
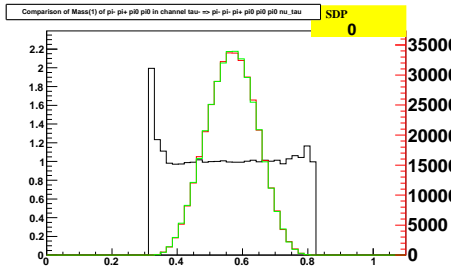




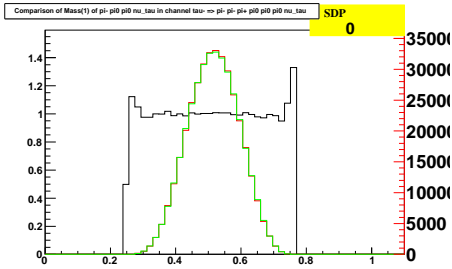
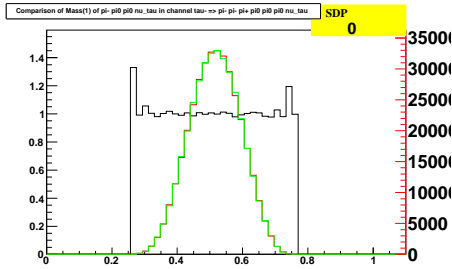
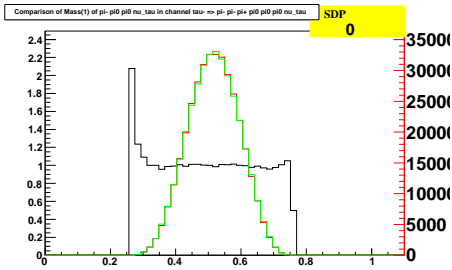
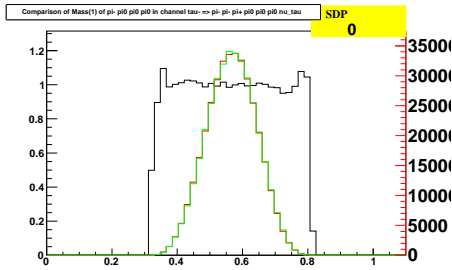
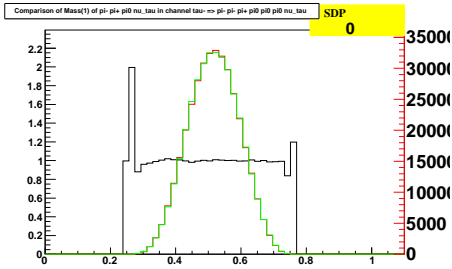
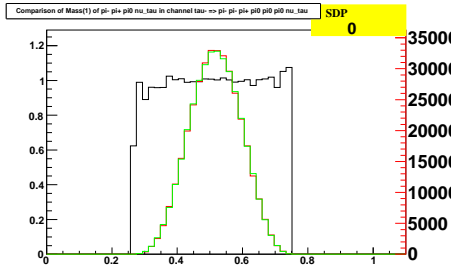
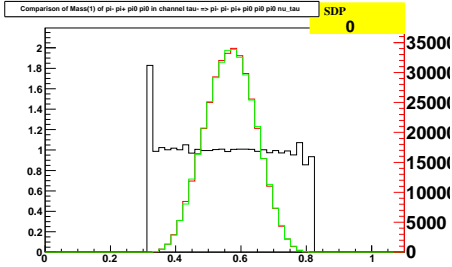
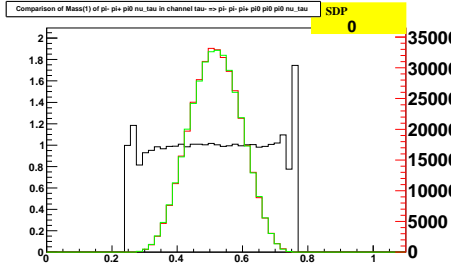
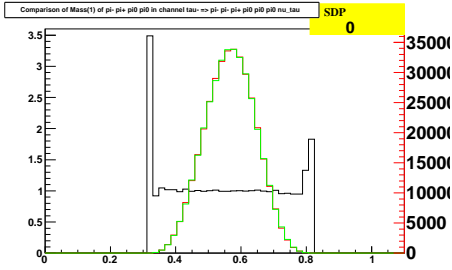
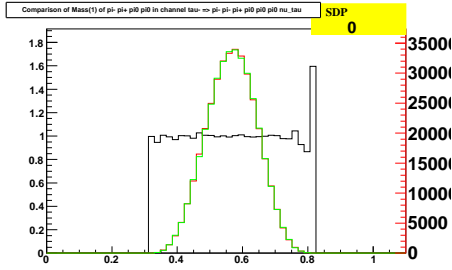


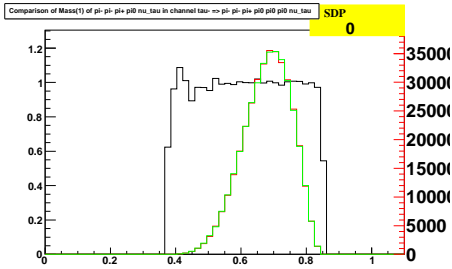
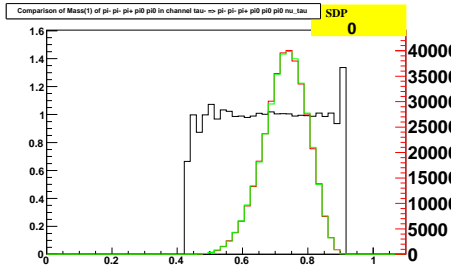
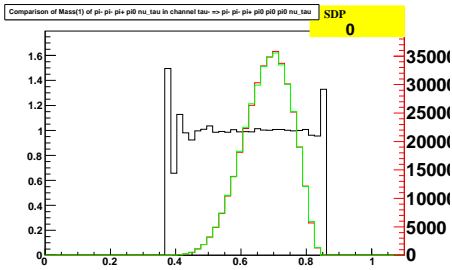
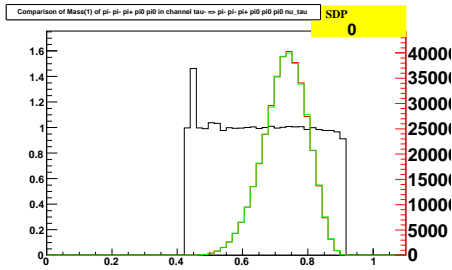
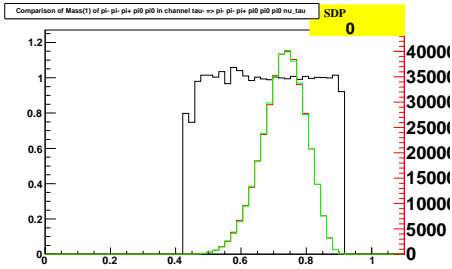
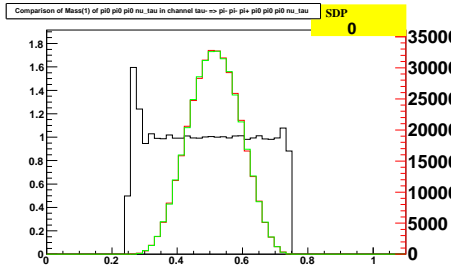
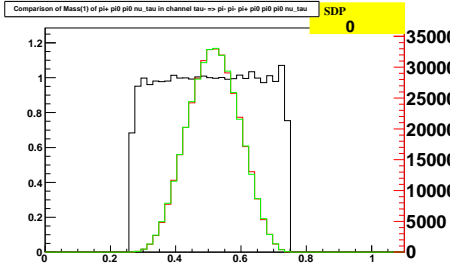
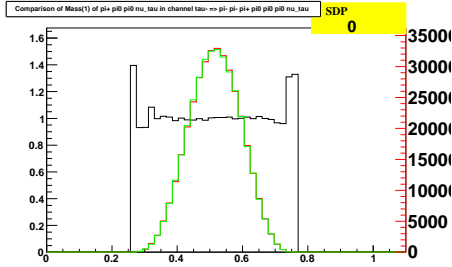
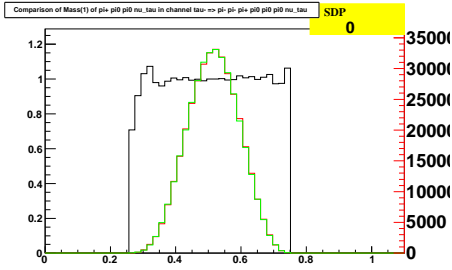
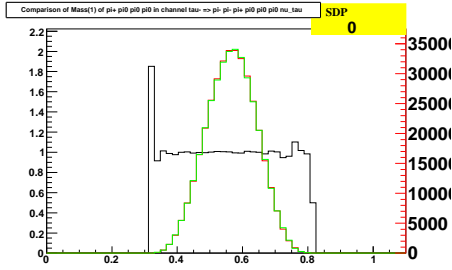




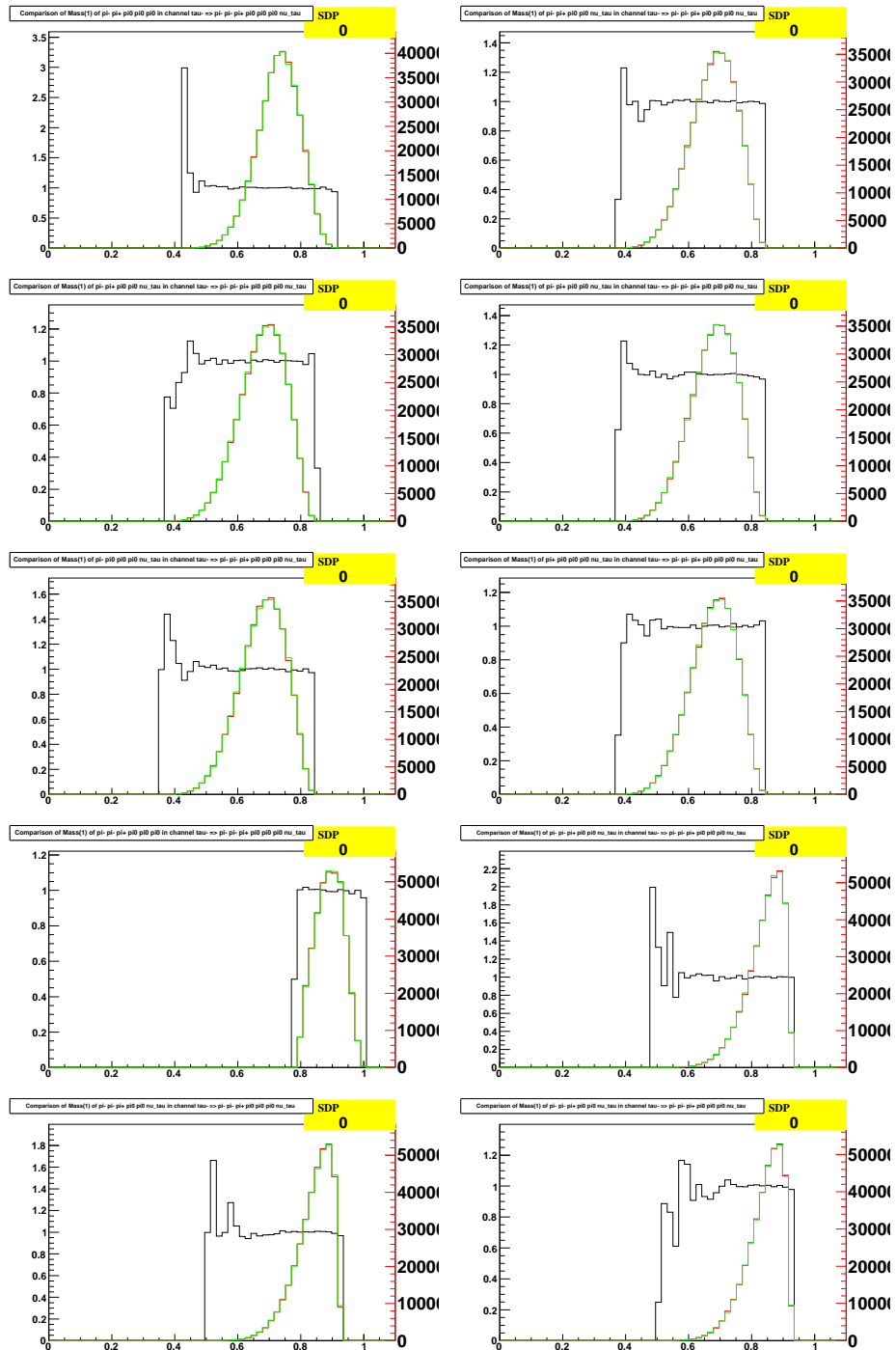


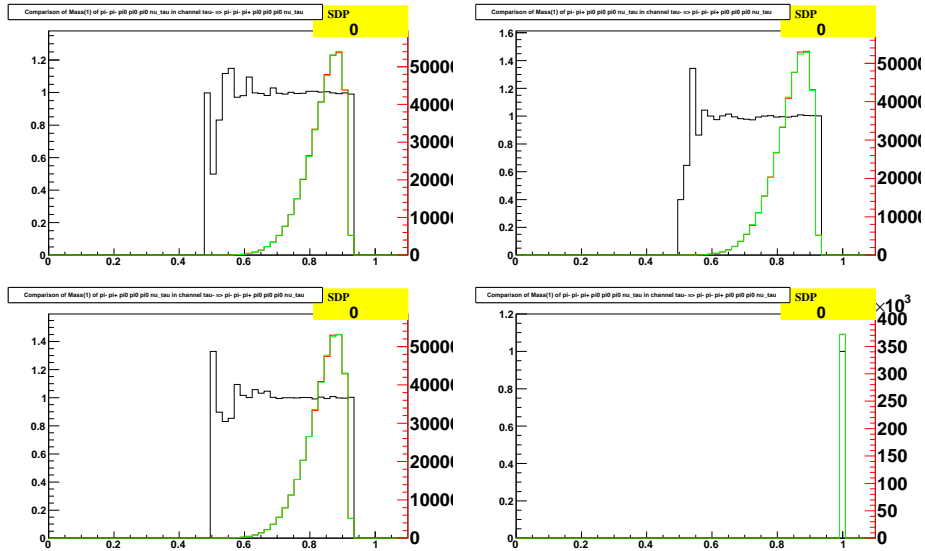








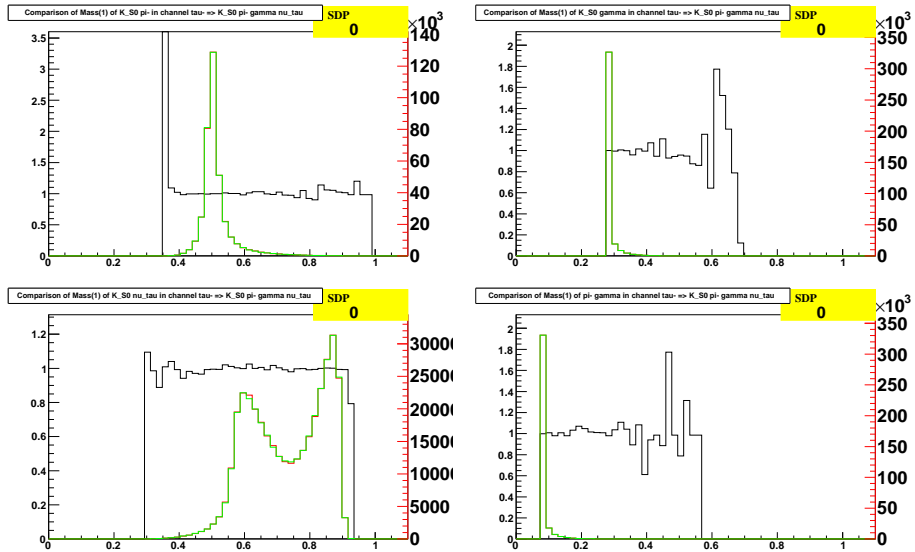


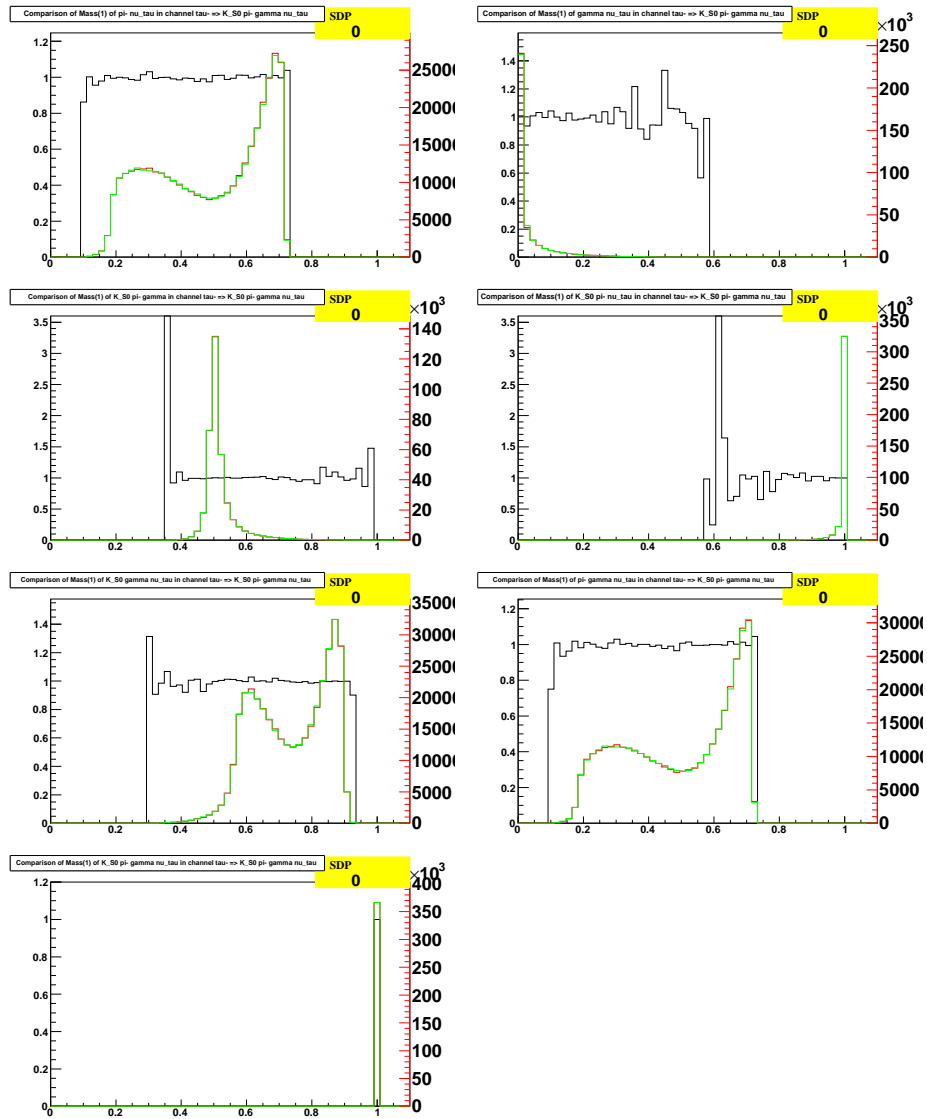


### 43 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \gamma \nu_\tau$

Number of events from generator 1: 366425

Number of events from generator 2: 361034 (scaled to generator1)

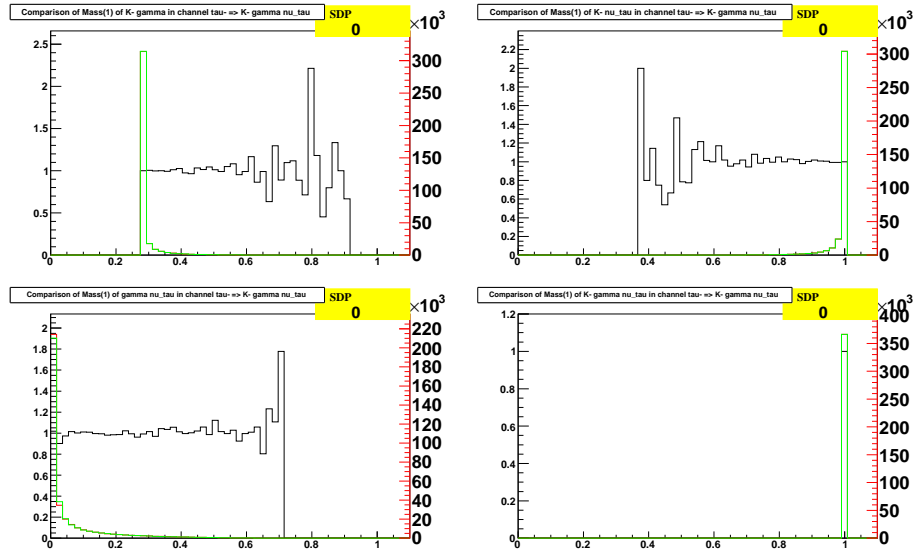




#### 44 Decay Channel: $\tau^- \rightarrow K^- \gamma \nu_\tau$

Number of events from generator 1: 366281

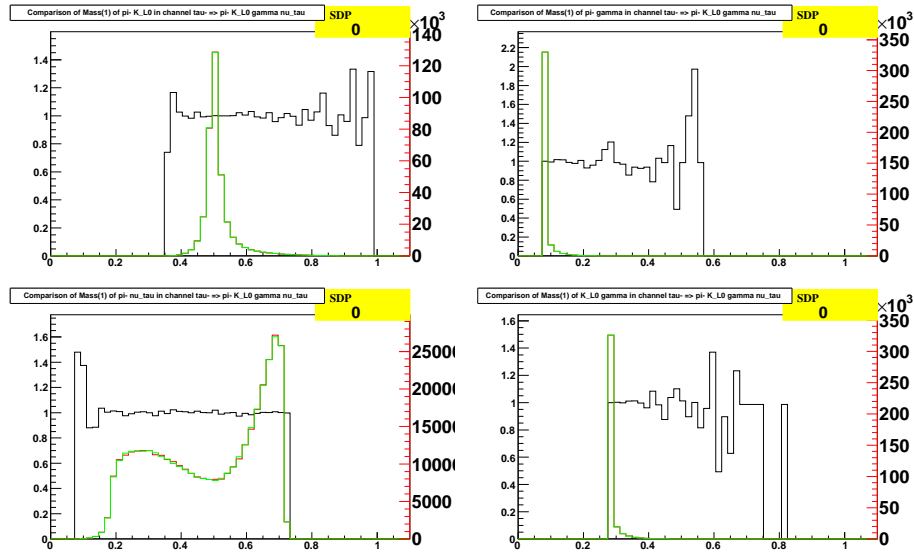
Number of events from generator 2: 366211 (scaled to generator1)

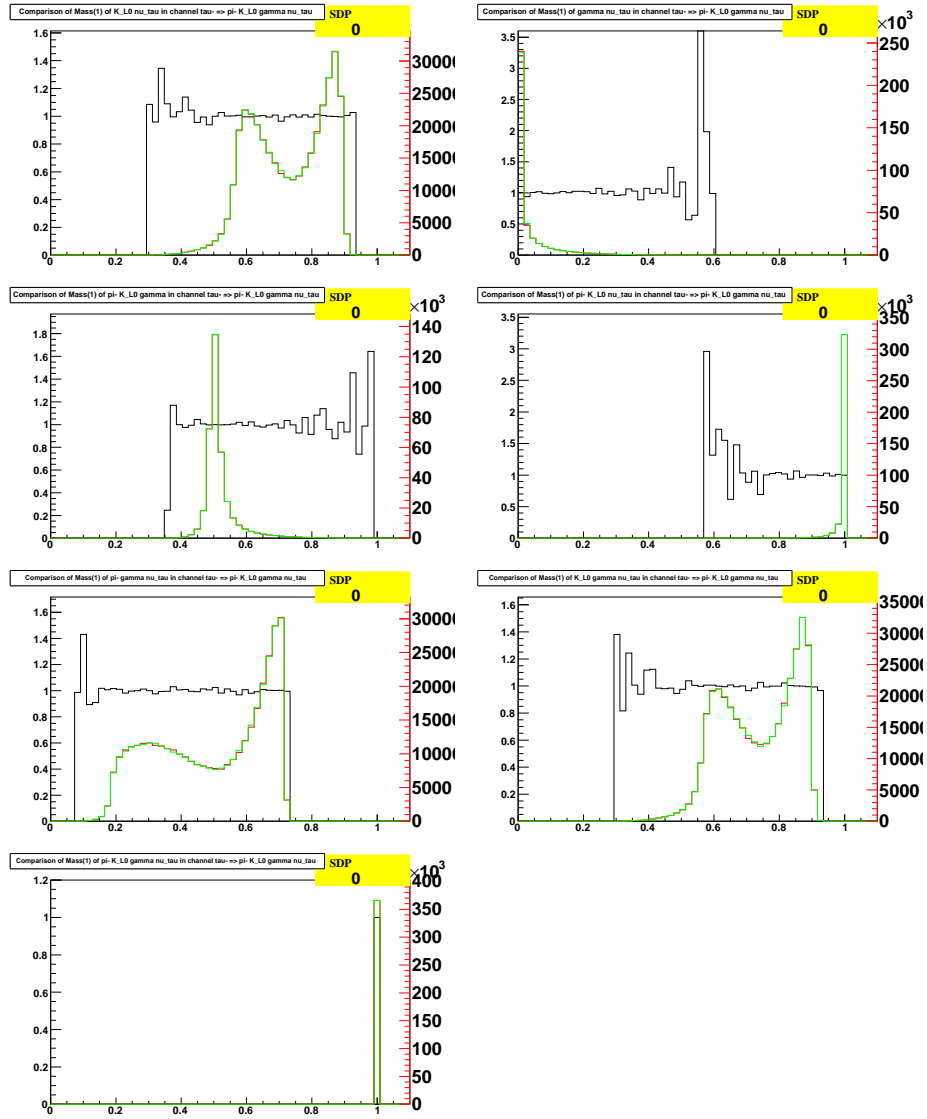


## 45 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \gamma \nu_\tau$

Number of events from generator 1: 365810

Number of events from generator 2: 360899 (scaled to generator 1)



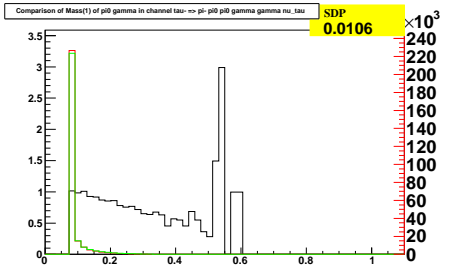
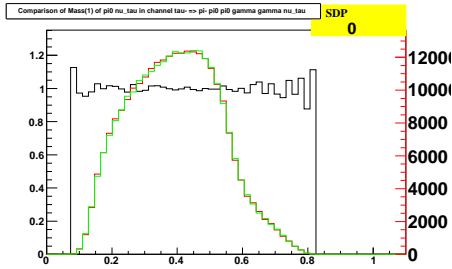
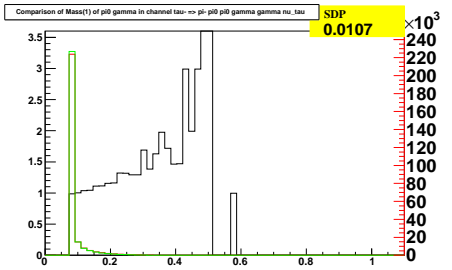
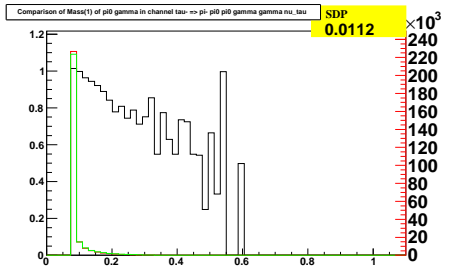
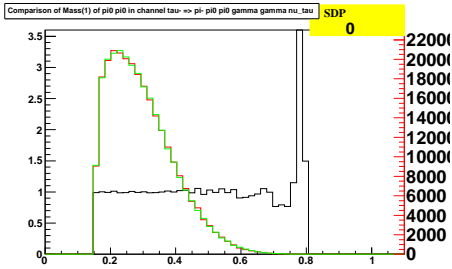
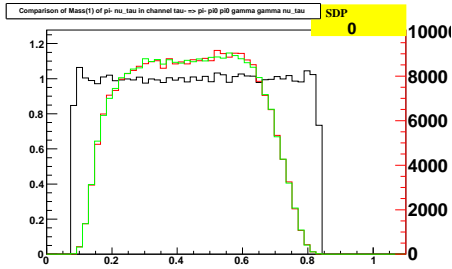
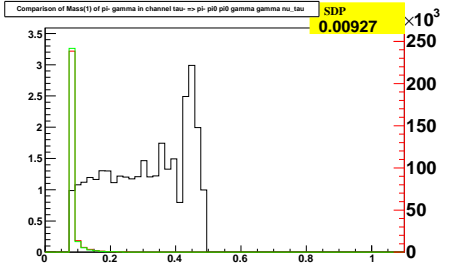
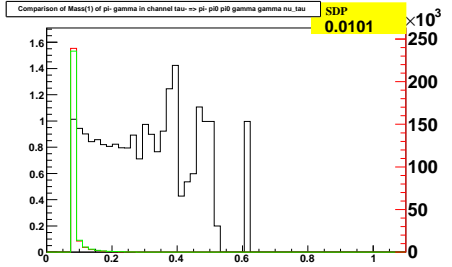
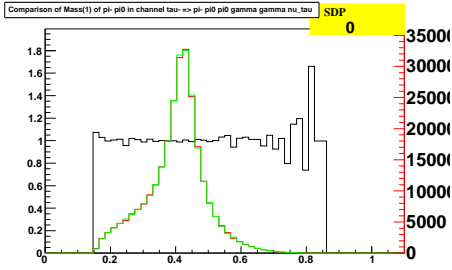
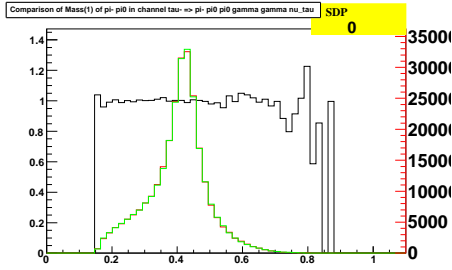


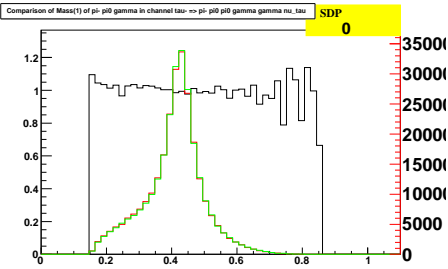
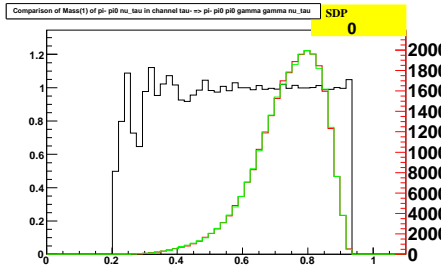
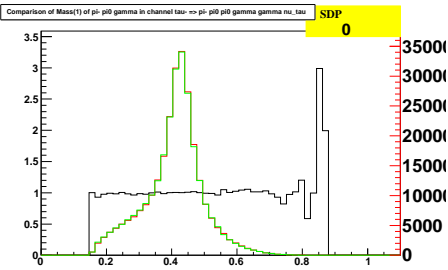
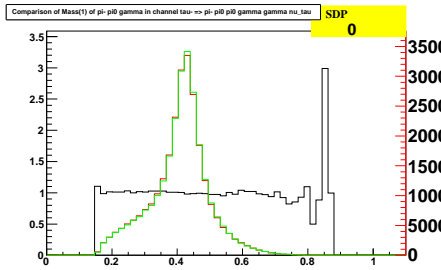
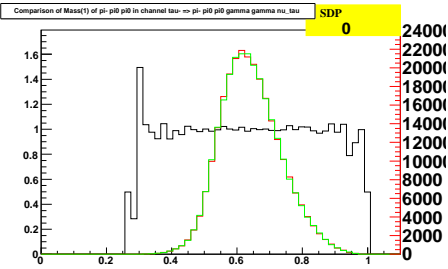
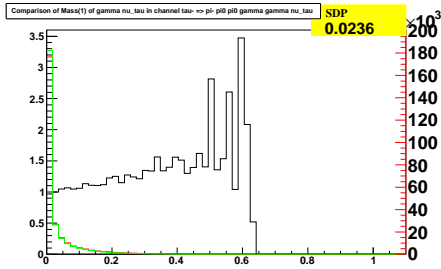
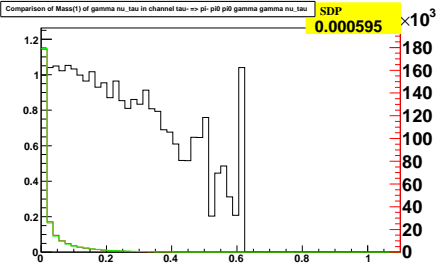
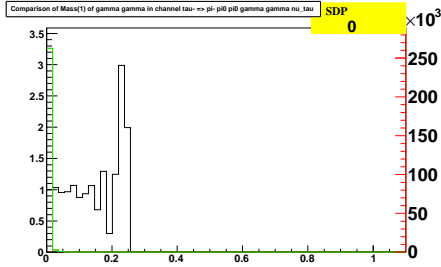
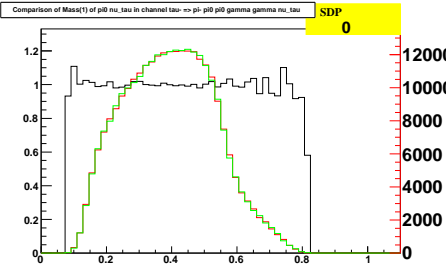
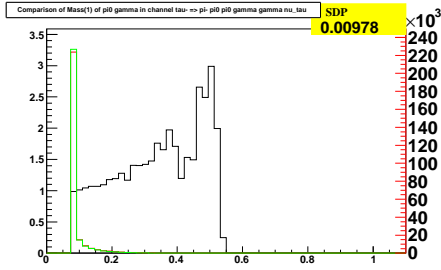
## 46 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \gamma \nu_\tau$

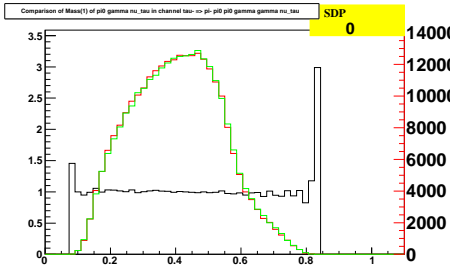
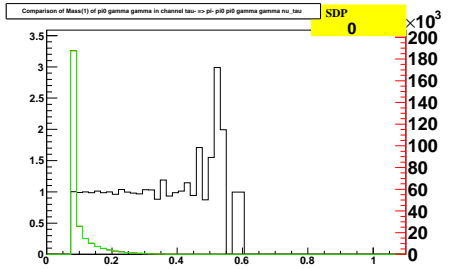
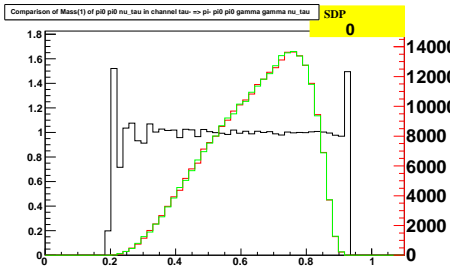
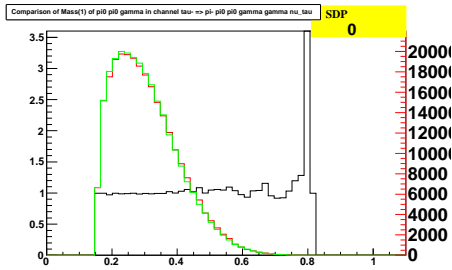
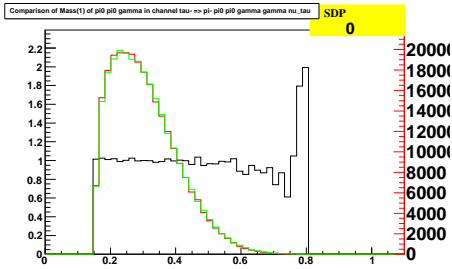
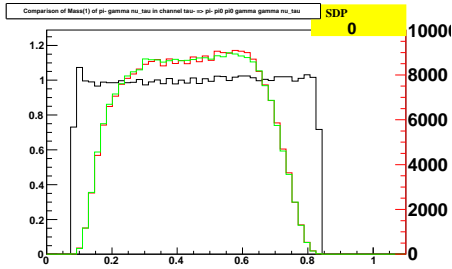
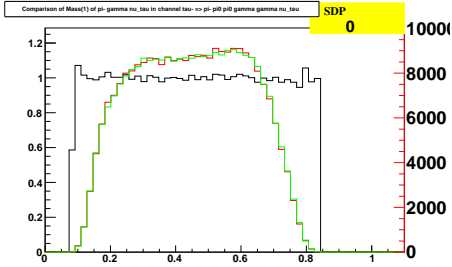
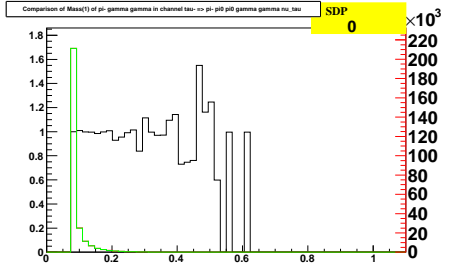
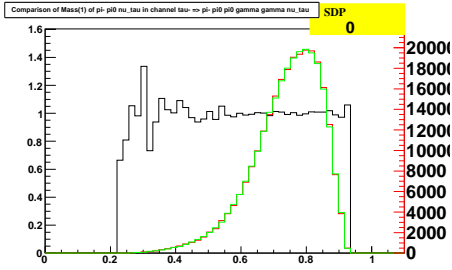
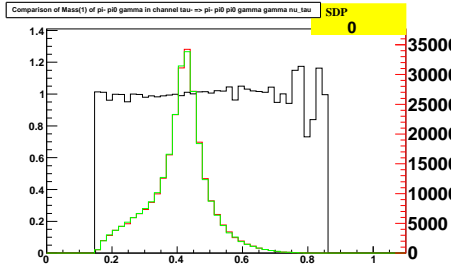
Number of events from generator 1: 267140

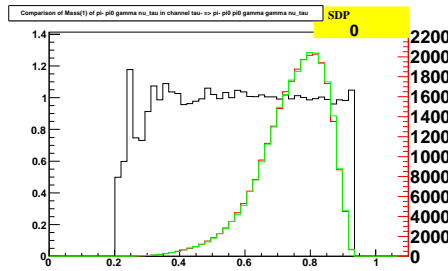
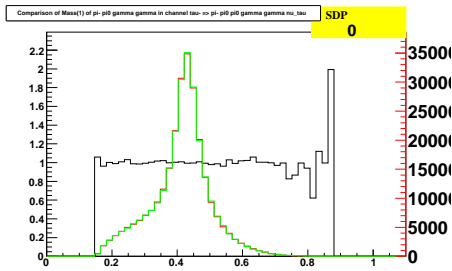
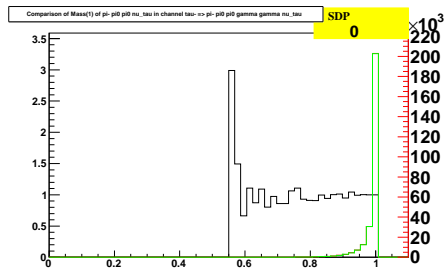
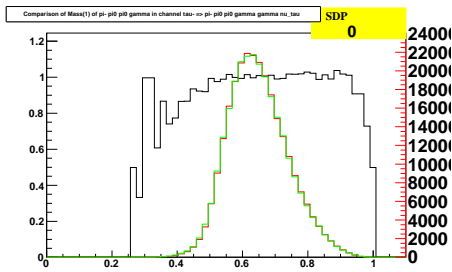
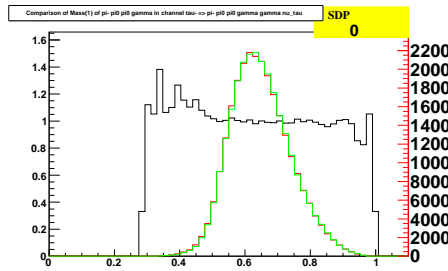
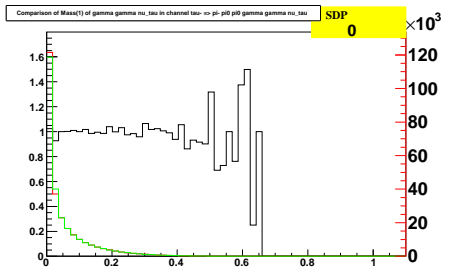
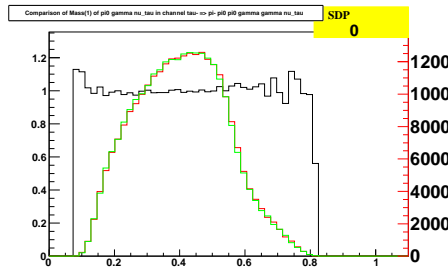
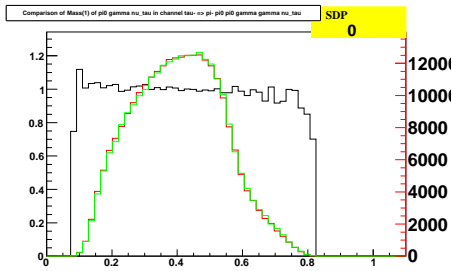
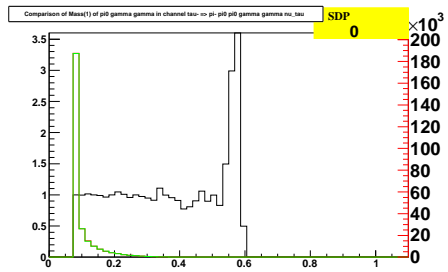
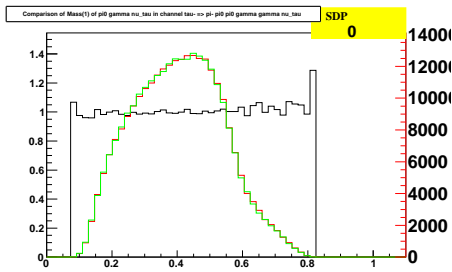
Number of events from generator 2: 266217 (scaled to generator1)

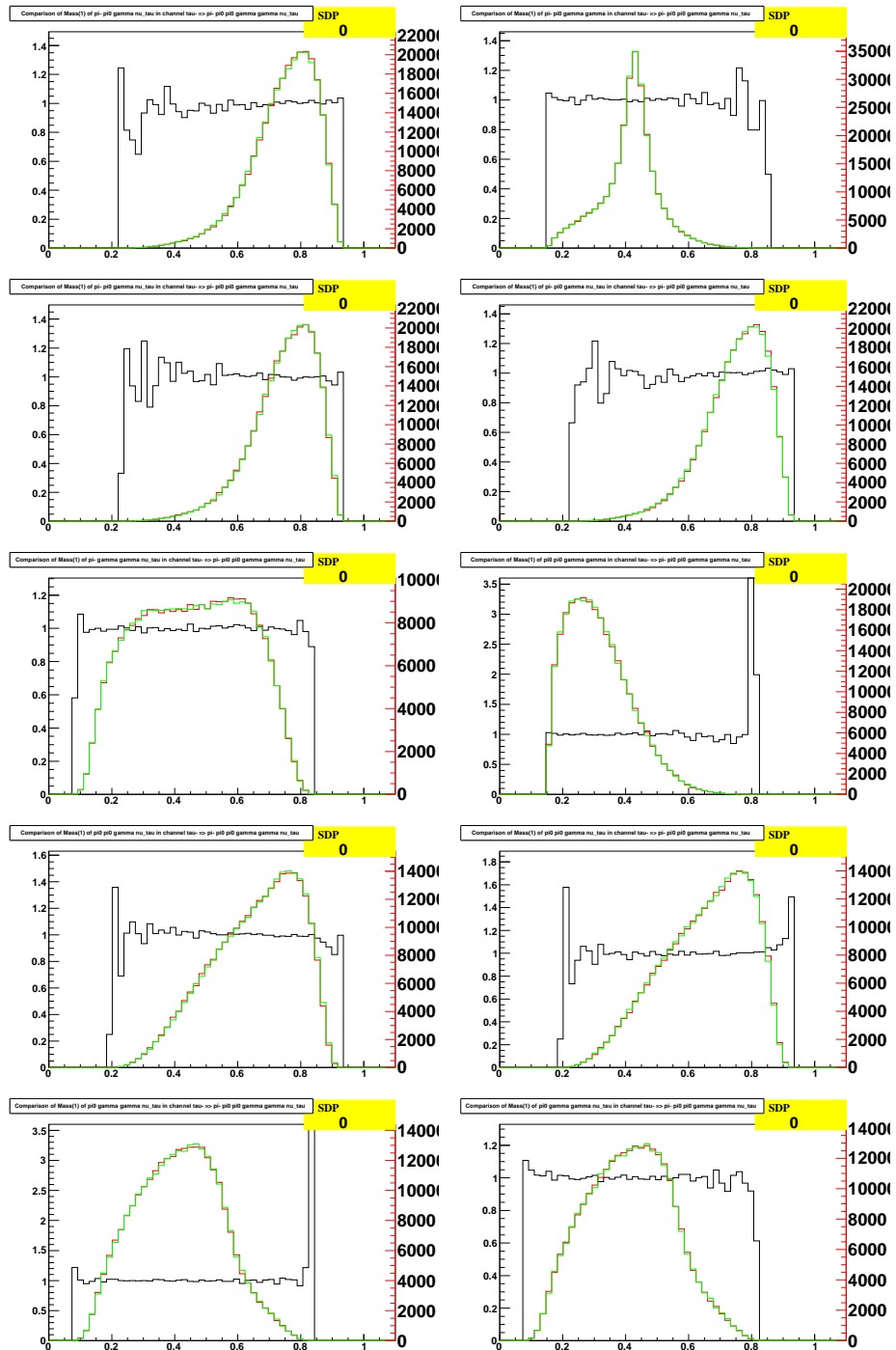


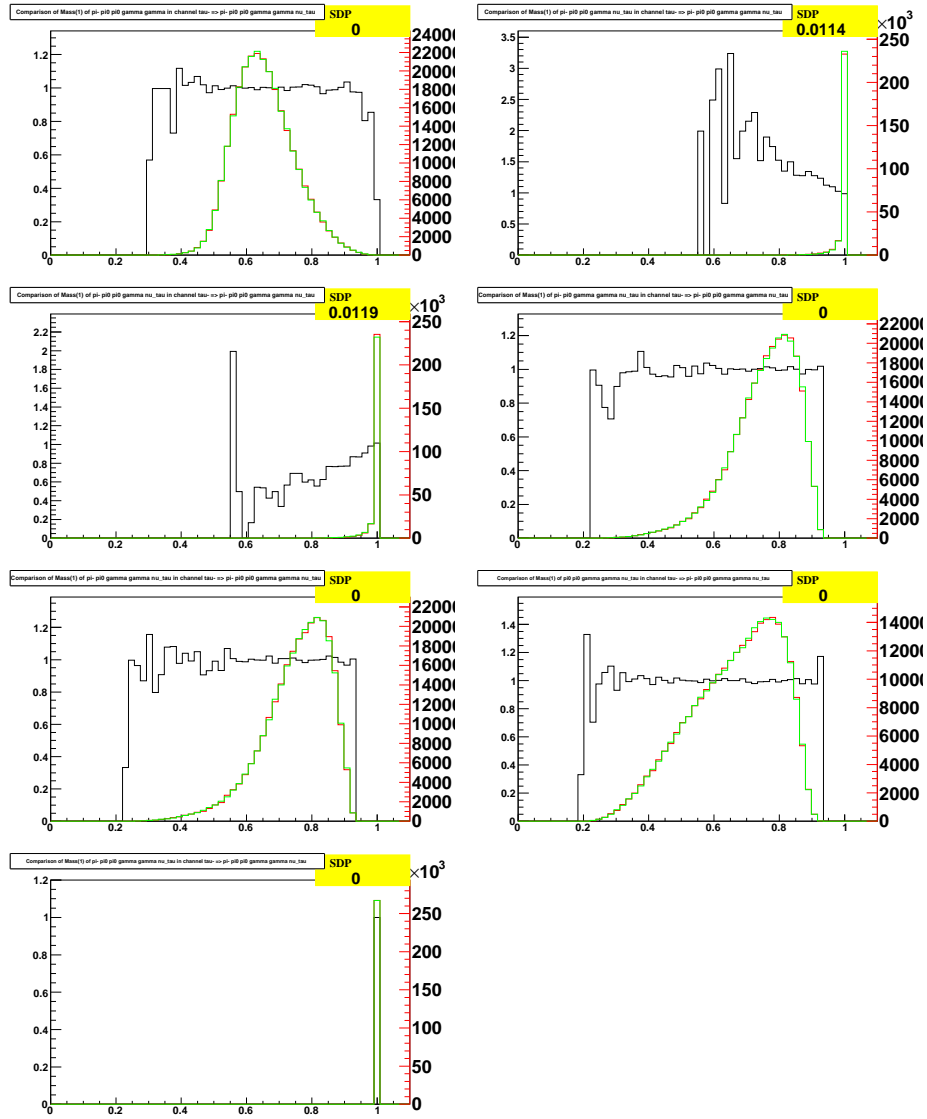








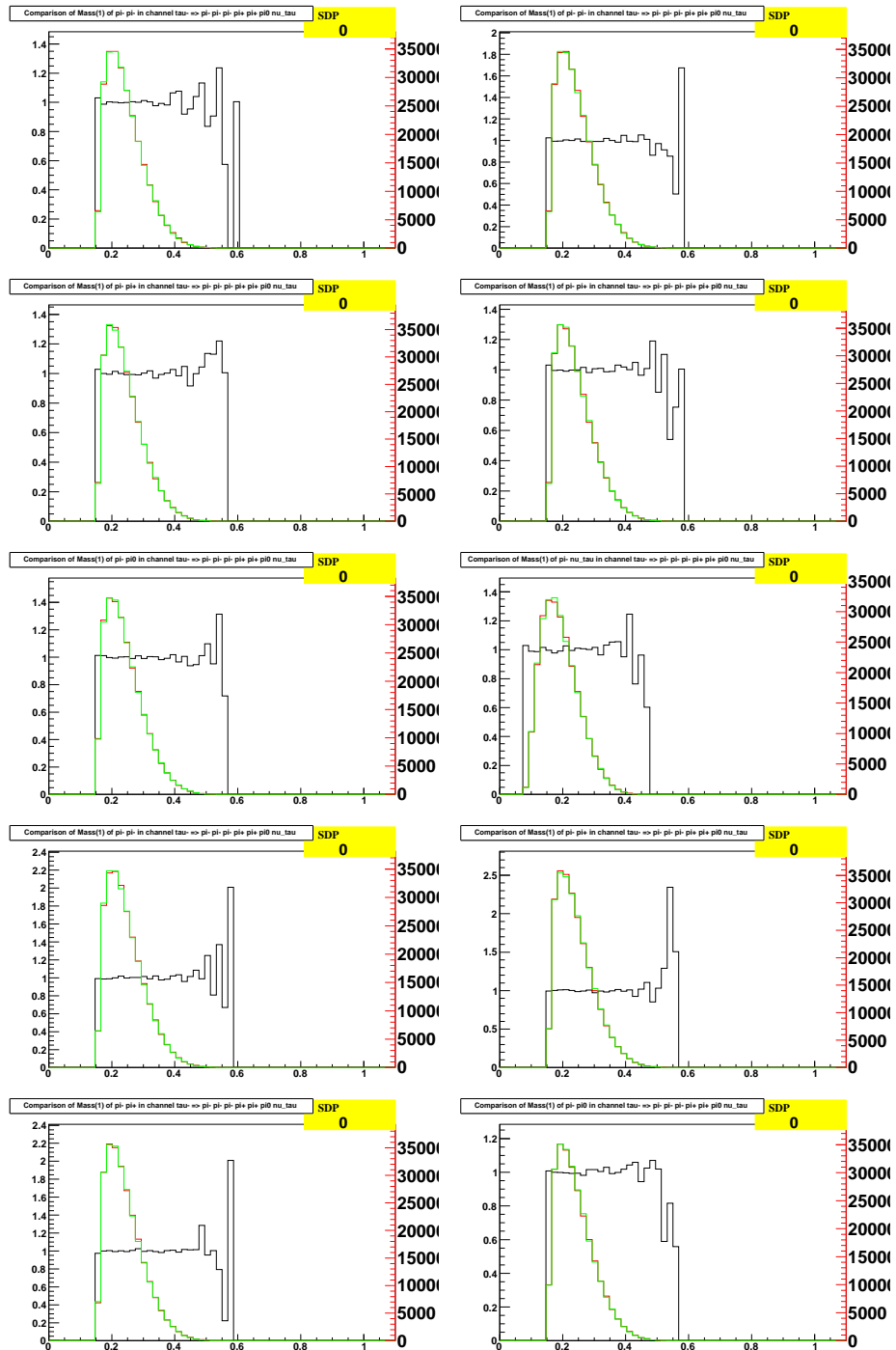


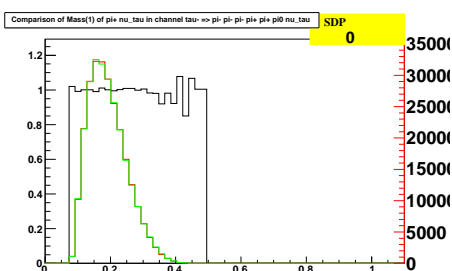
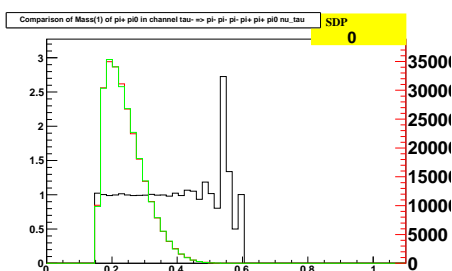
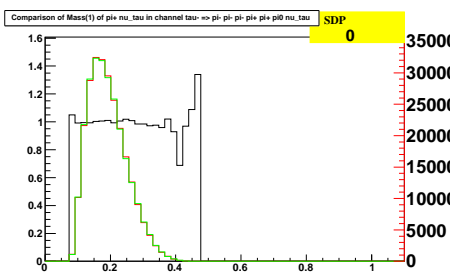
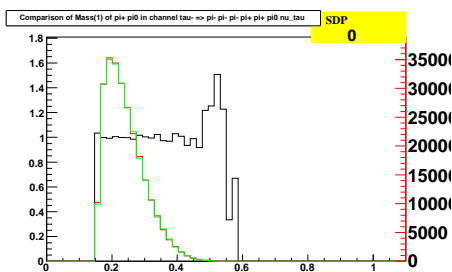
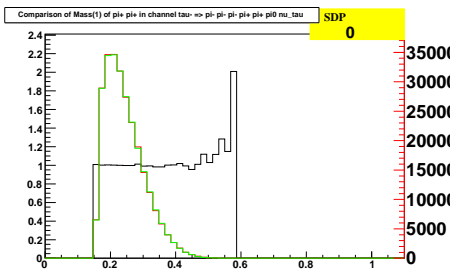
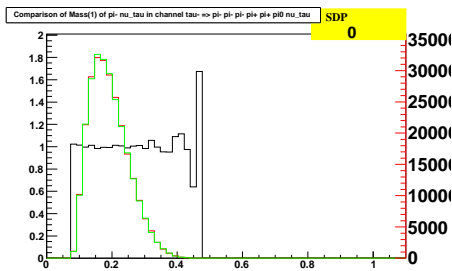
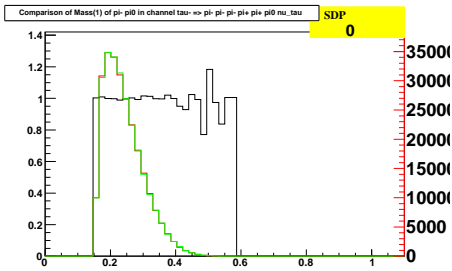
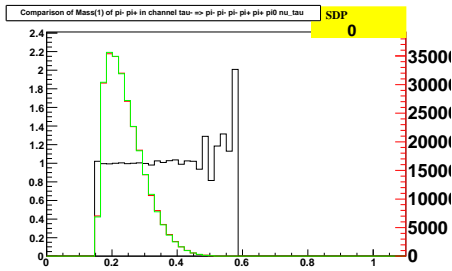
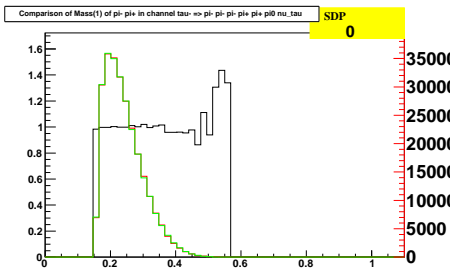
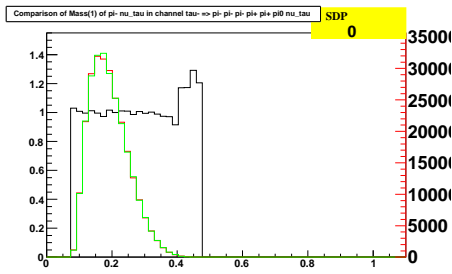


## 47 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \pi^0 \nu_\tau$

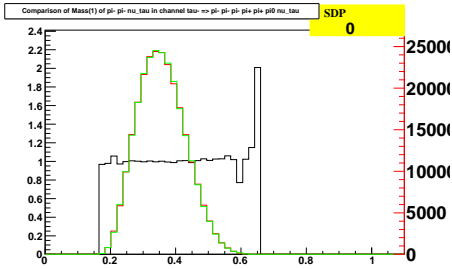
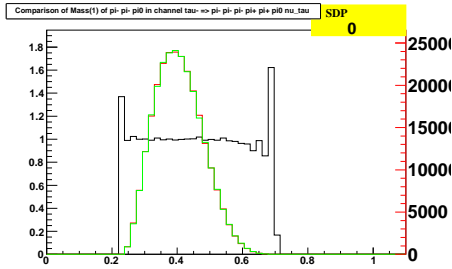
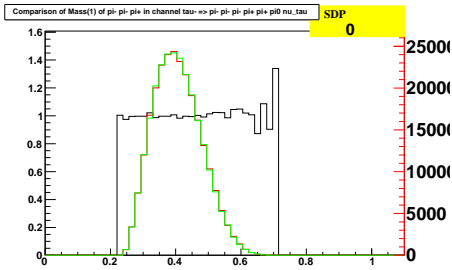
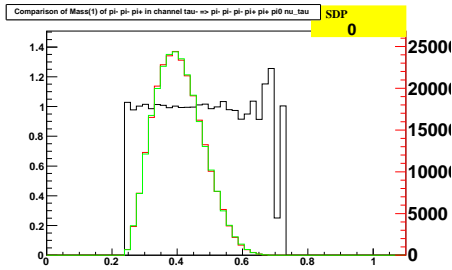
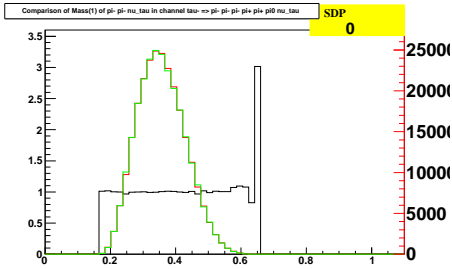
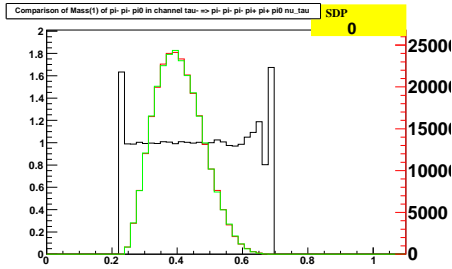
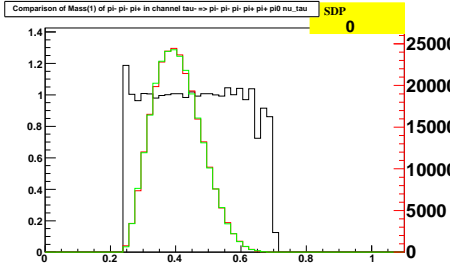
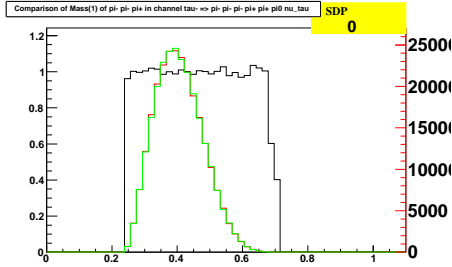
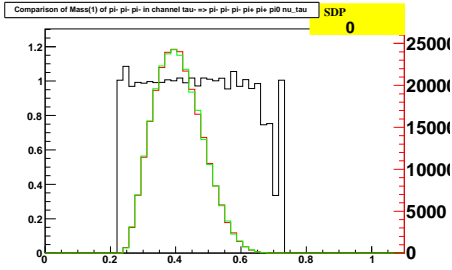
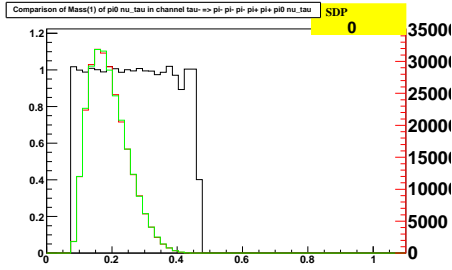
Number of events from generator 1: 255241 (scaled to generator2)

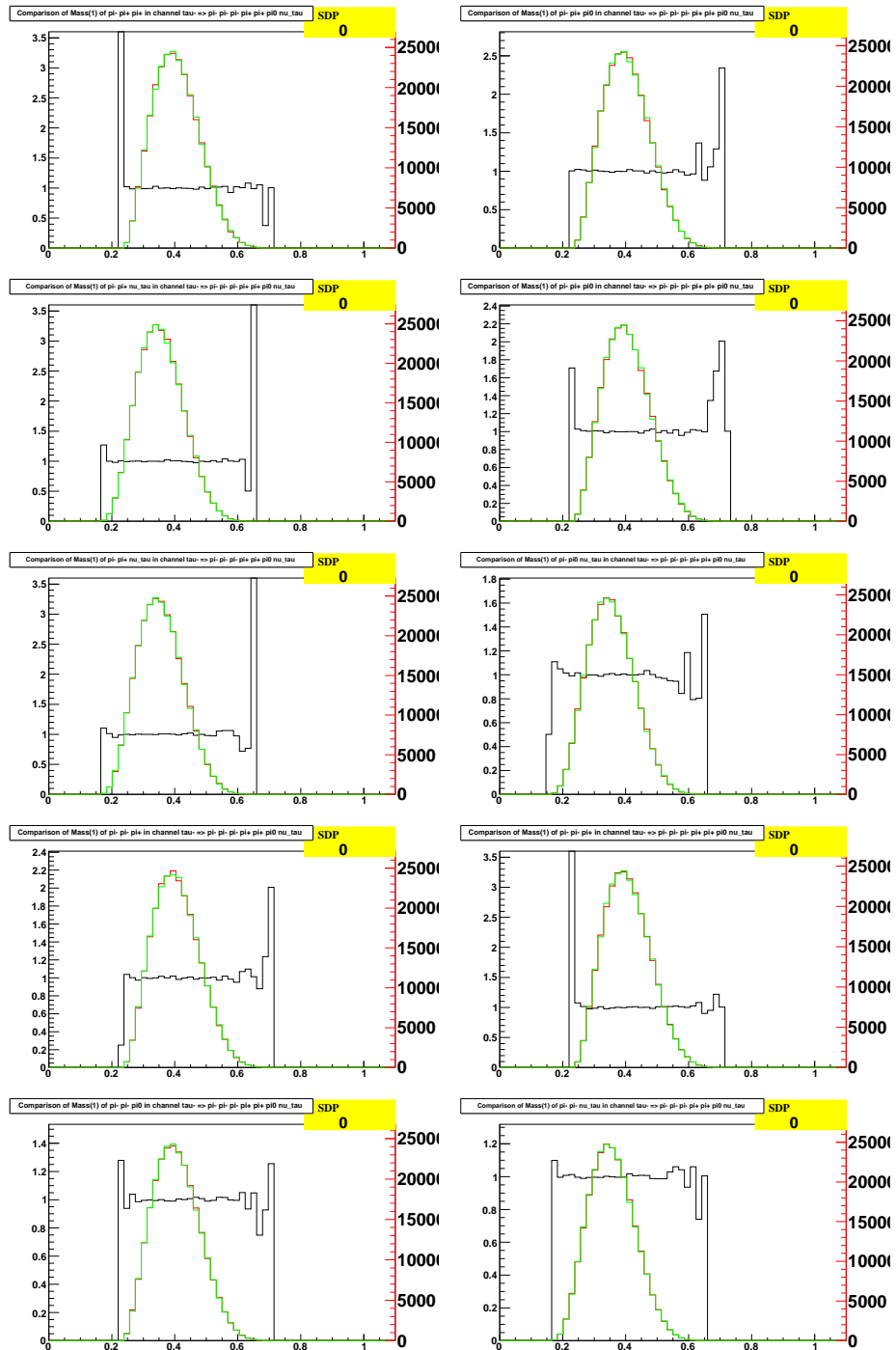
Number of events from generator 2: 256442

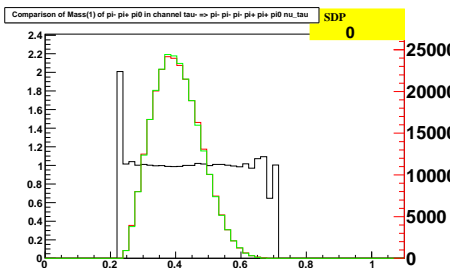
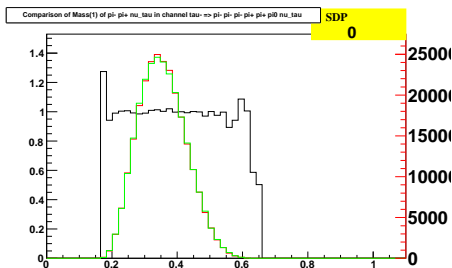
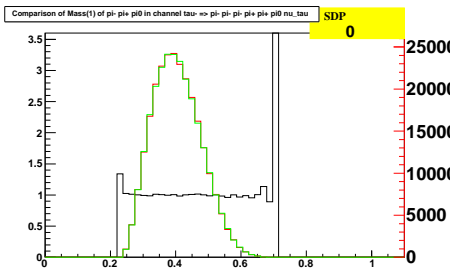
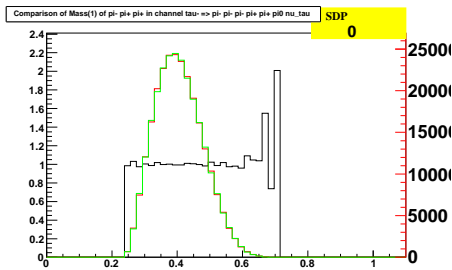
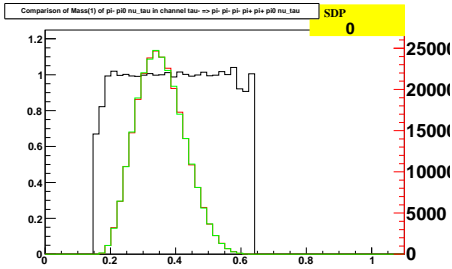
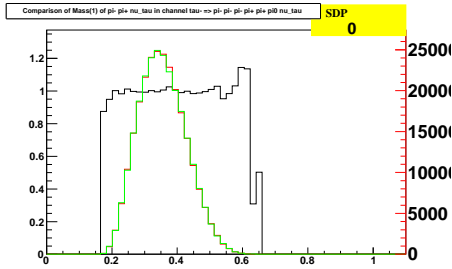
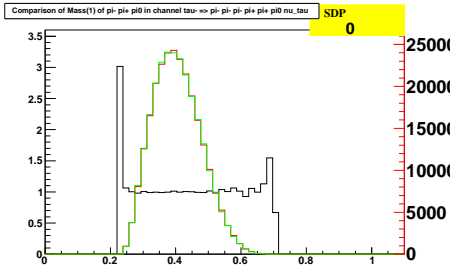
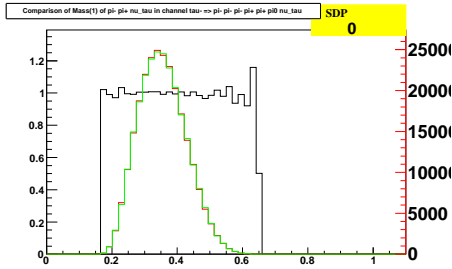
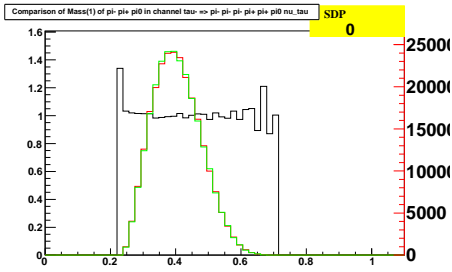
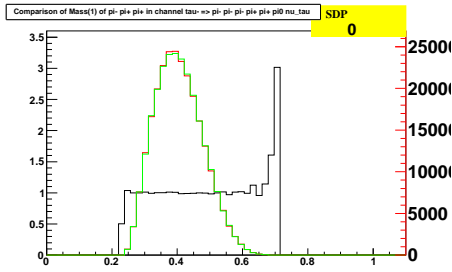


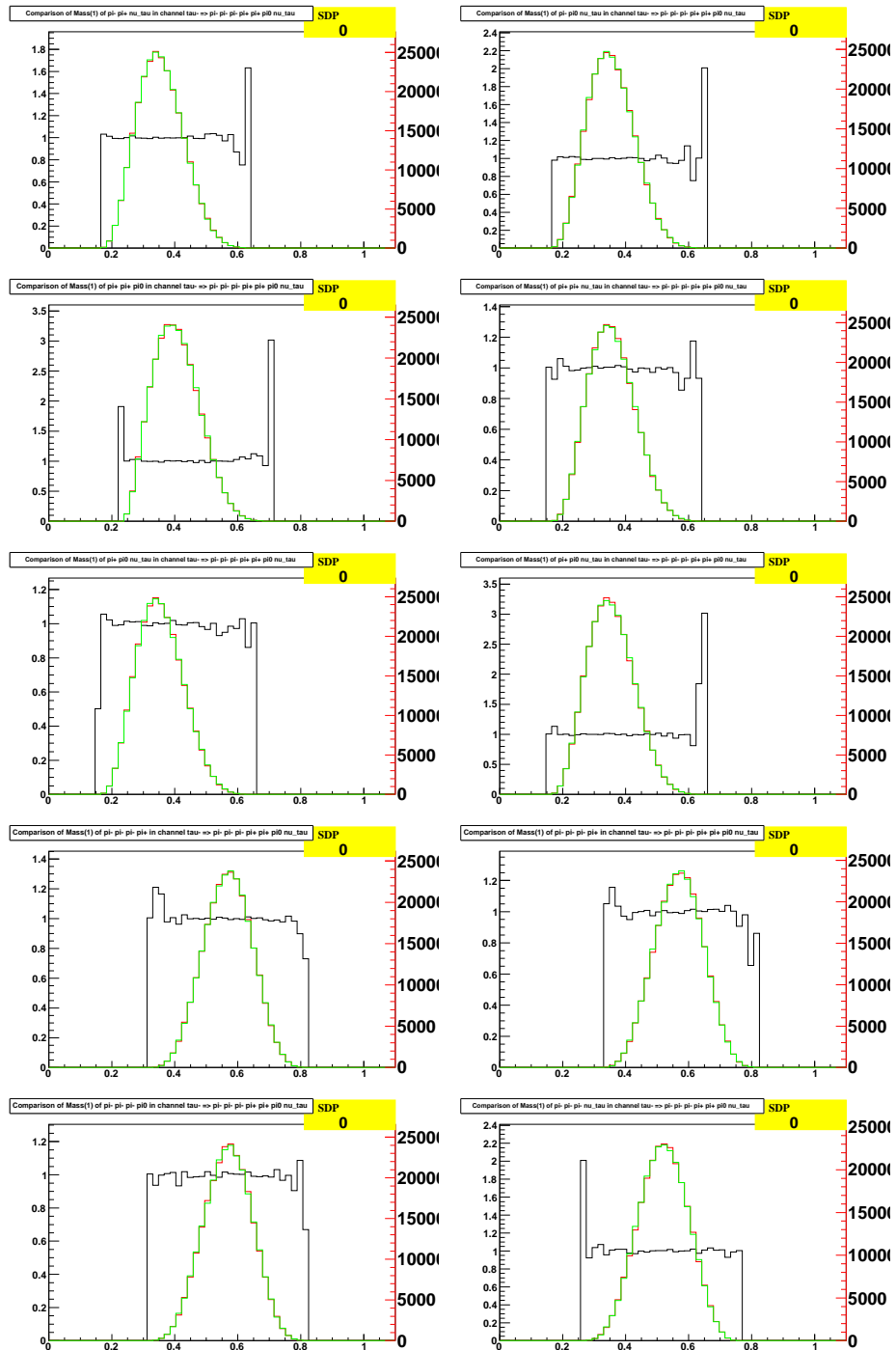


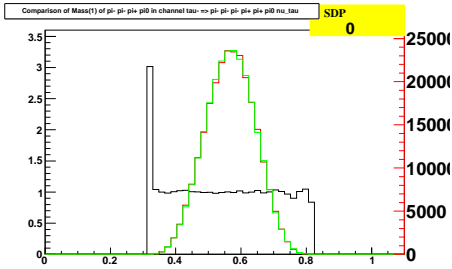
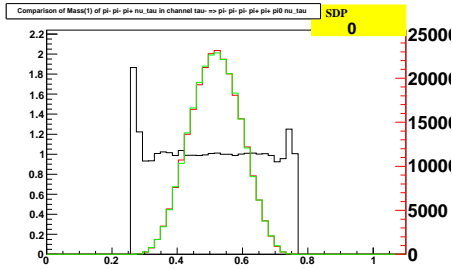
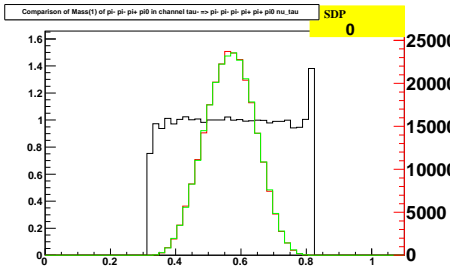
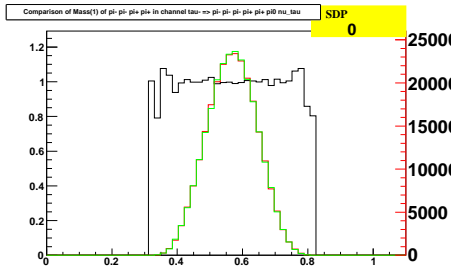
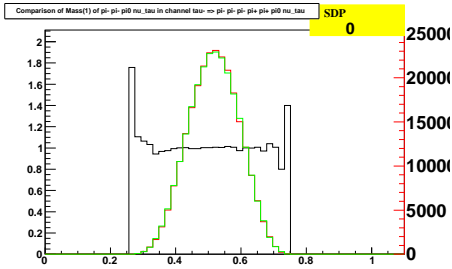
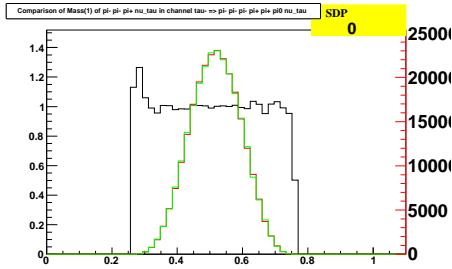
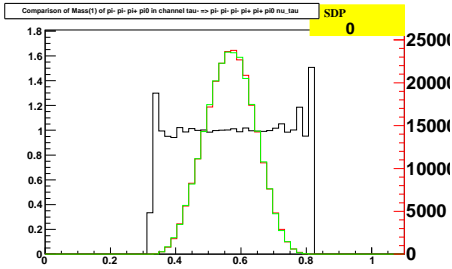
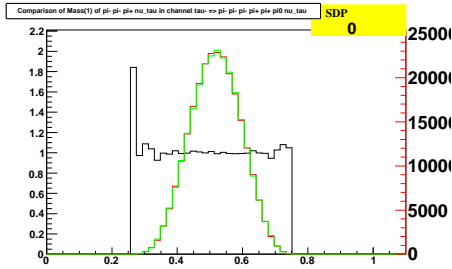
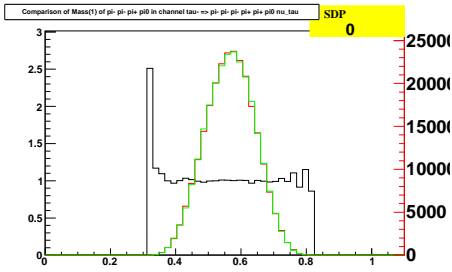
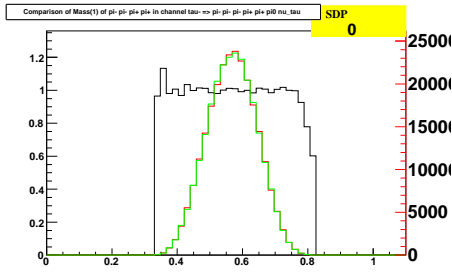


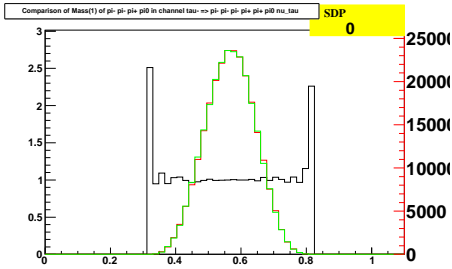
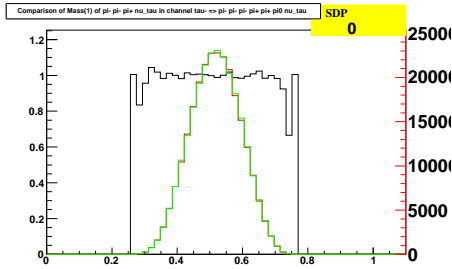
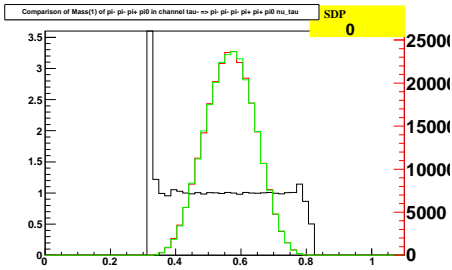
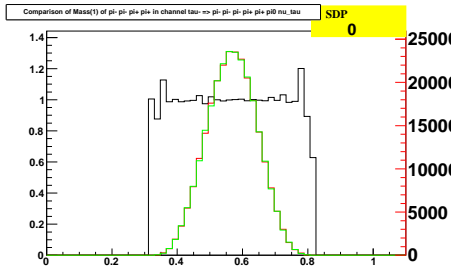
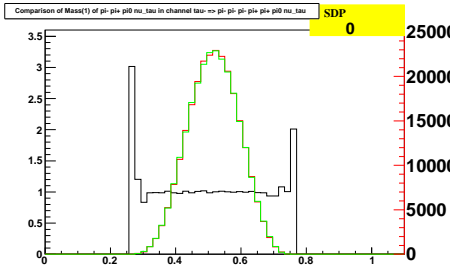
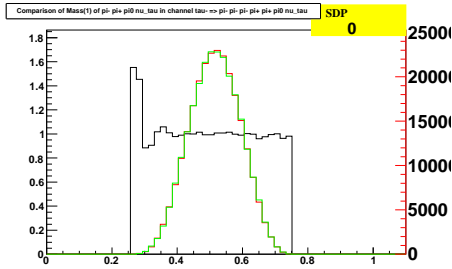
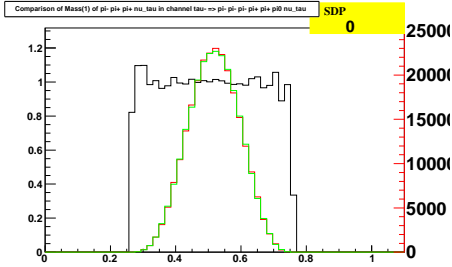
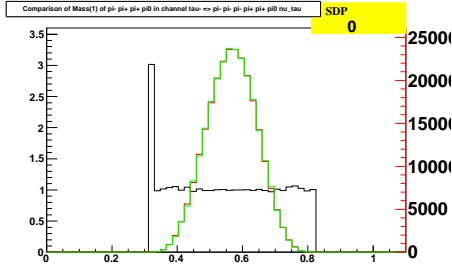
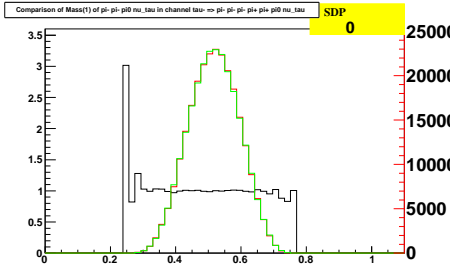
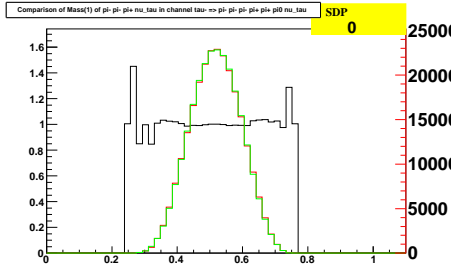


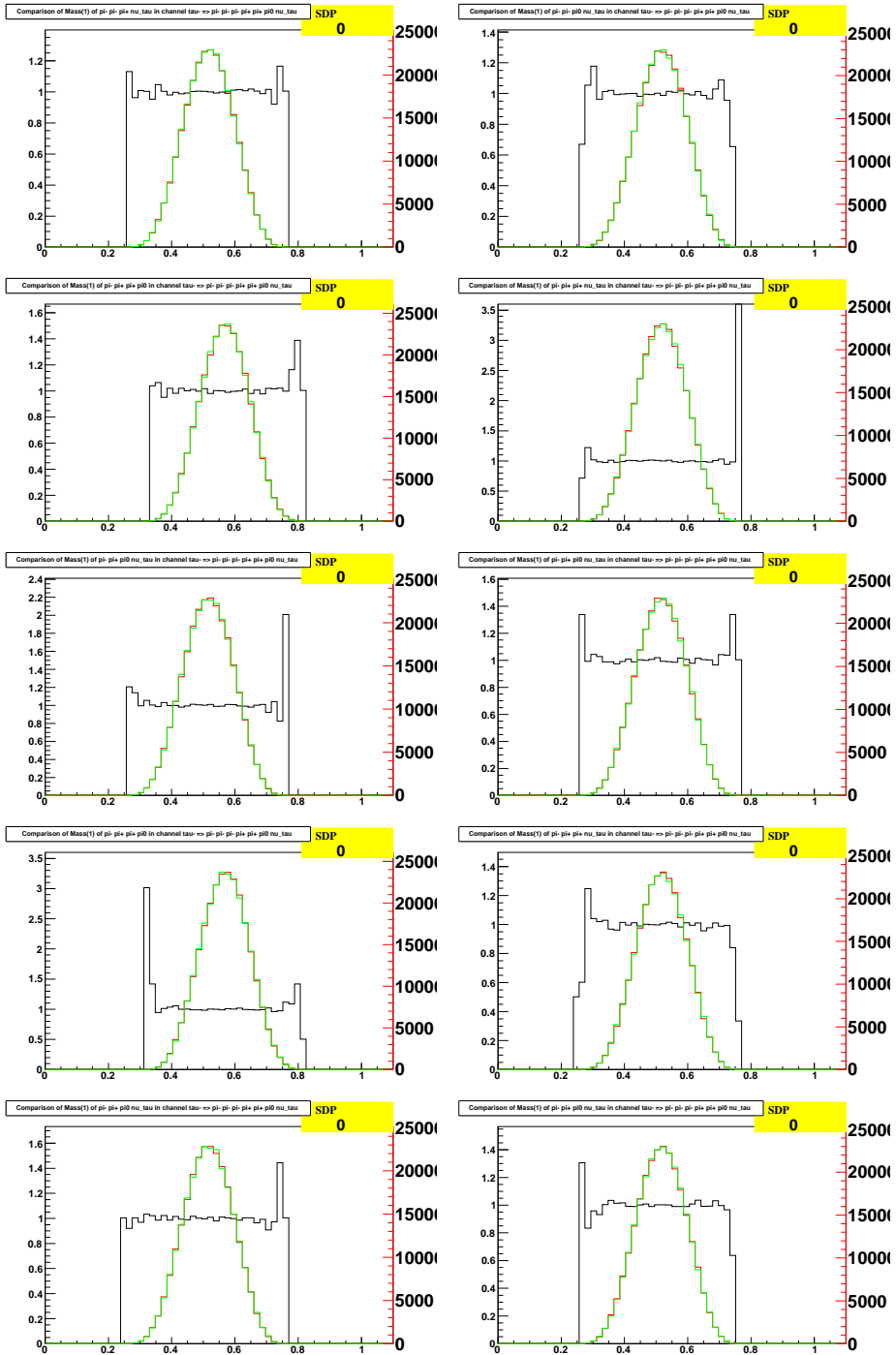


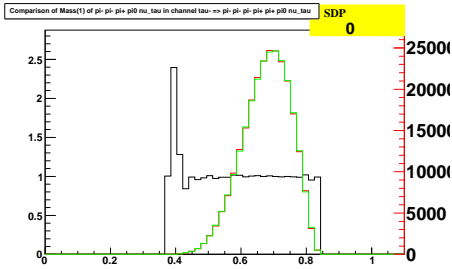
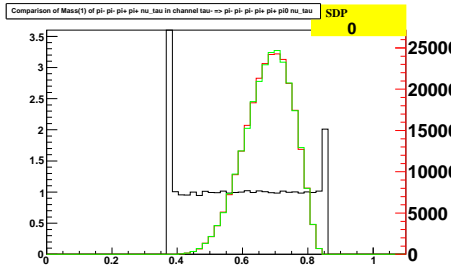
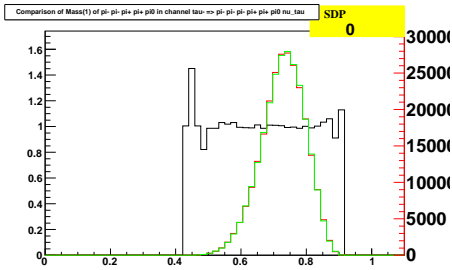
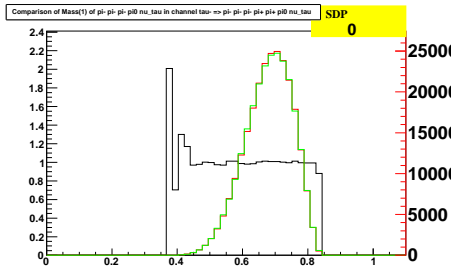
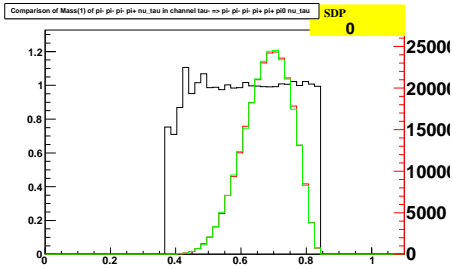
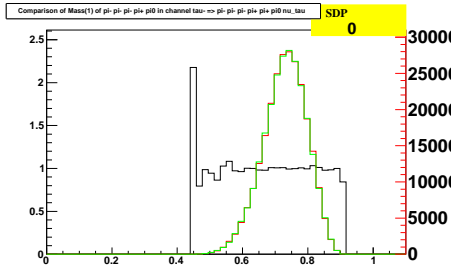
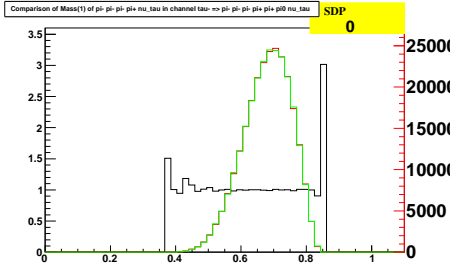
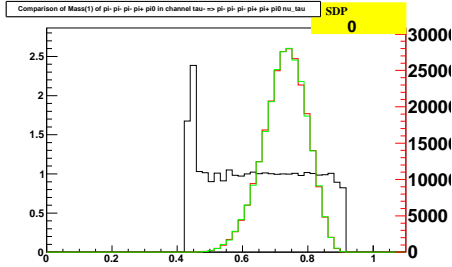
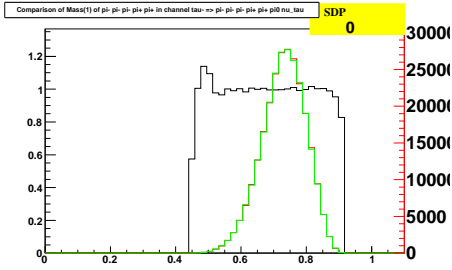
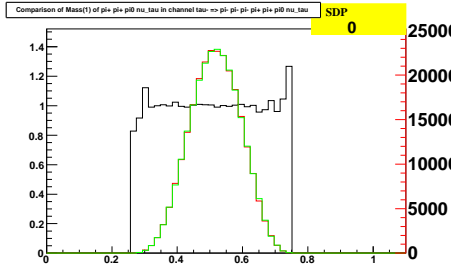




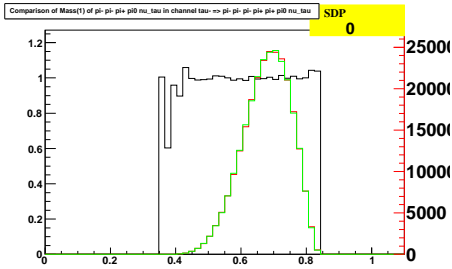
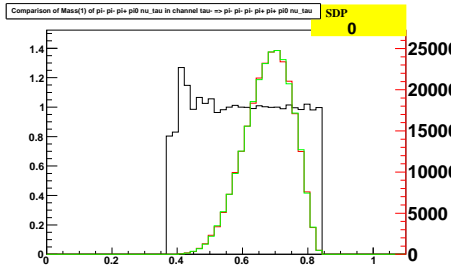
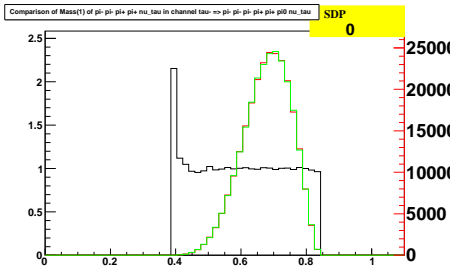
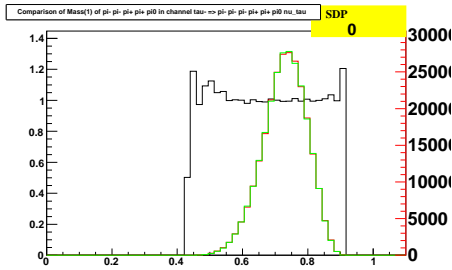
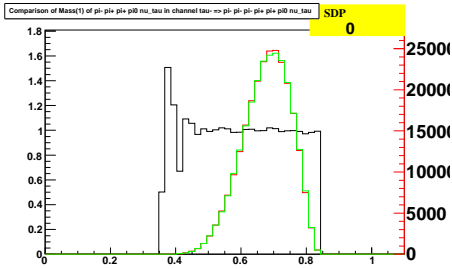
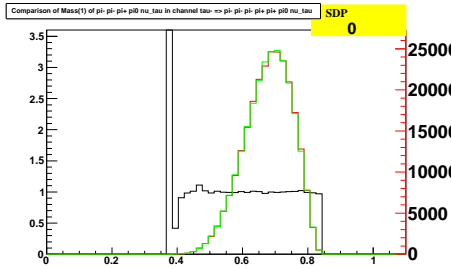
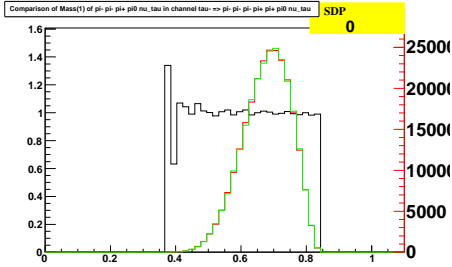
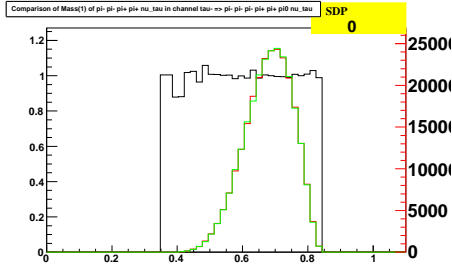
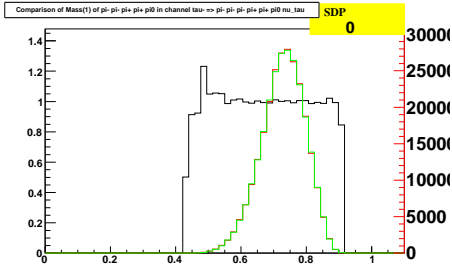
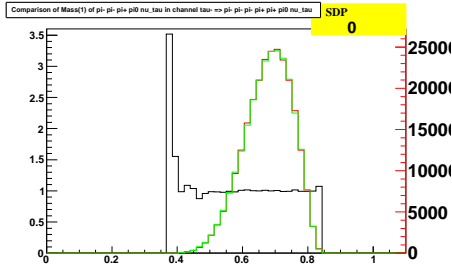










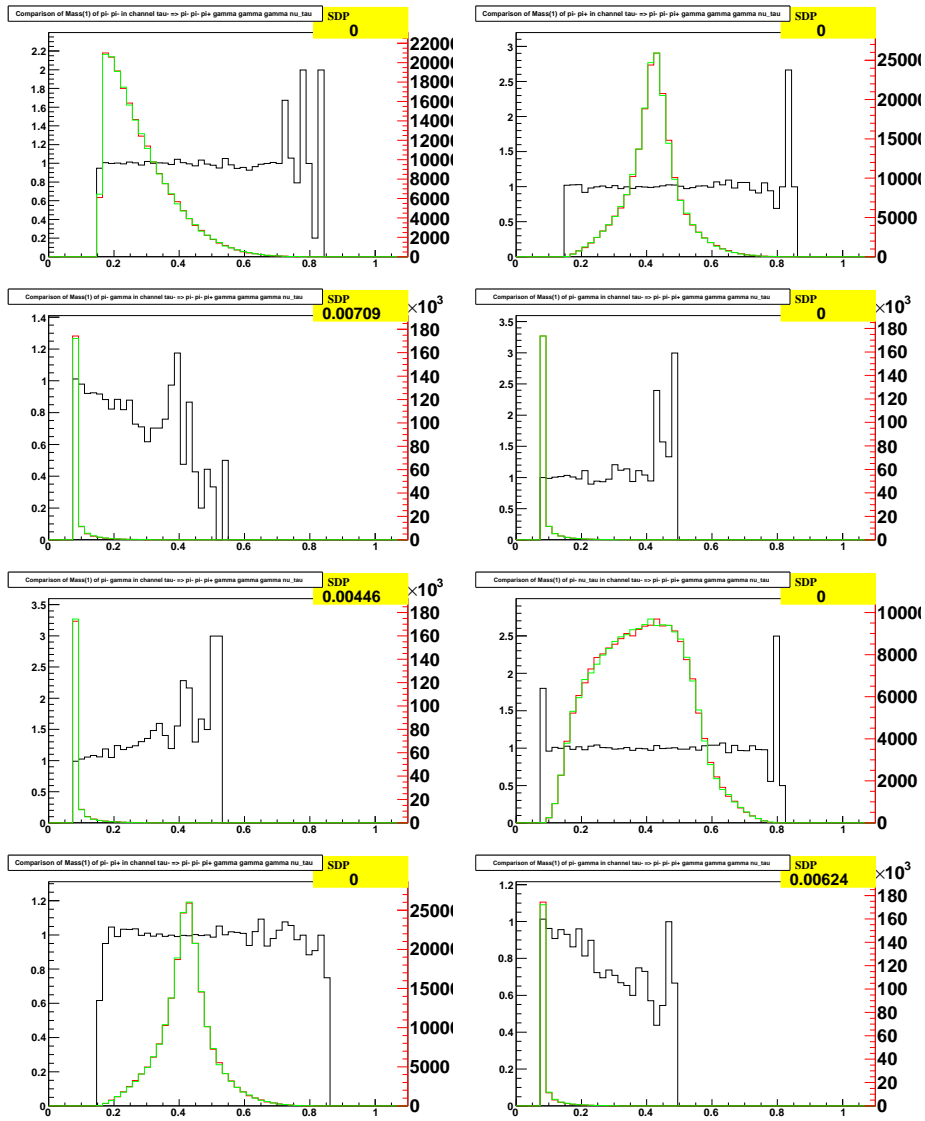


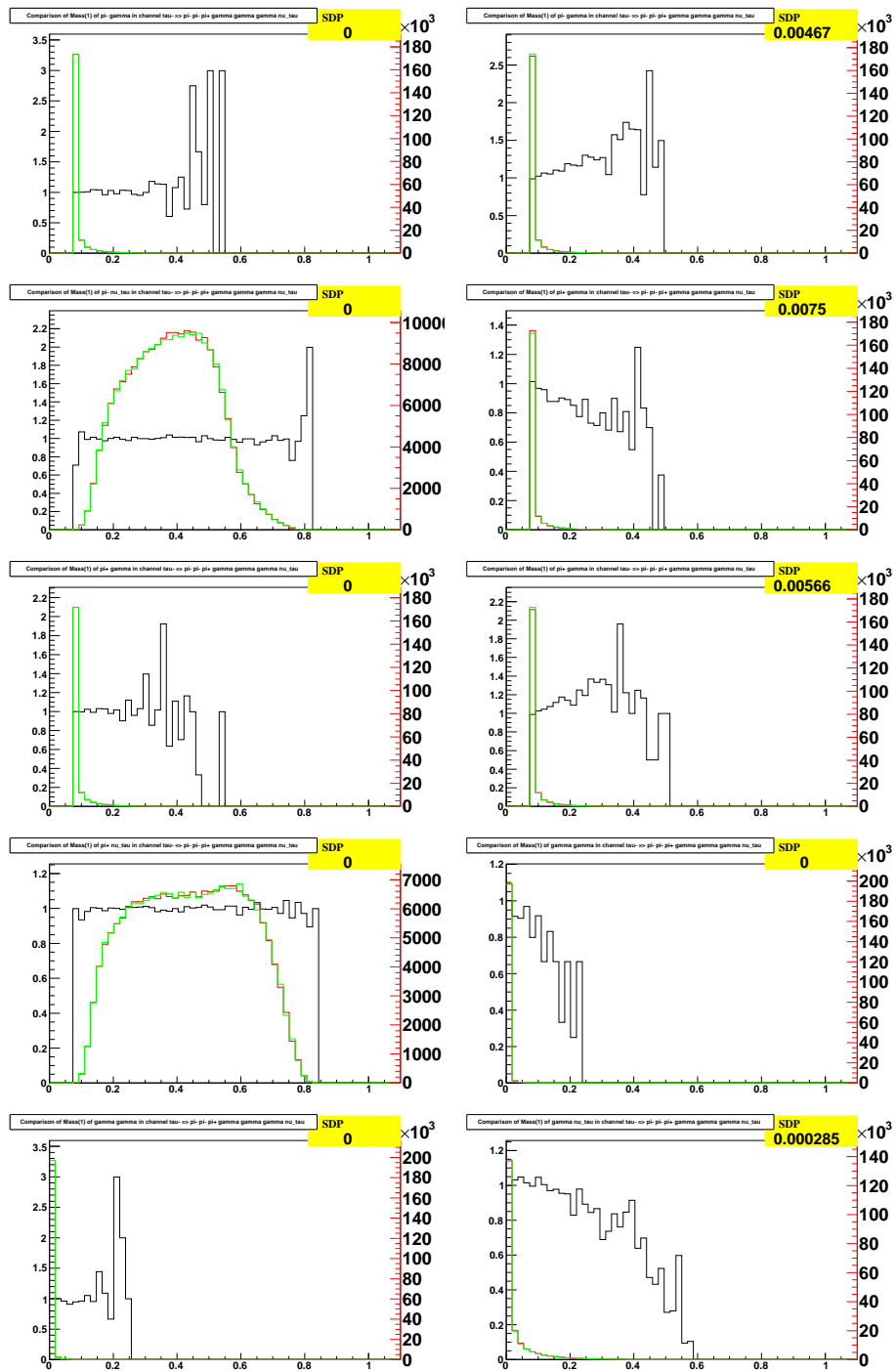


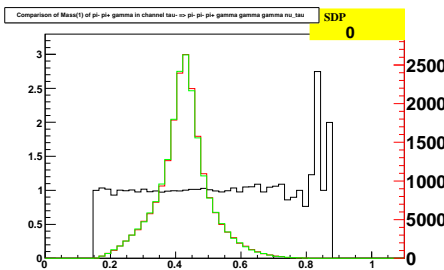
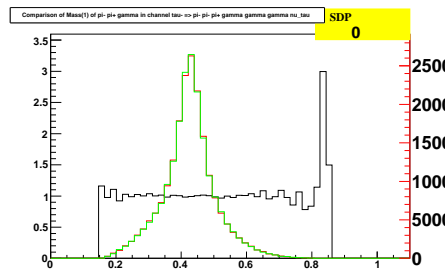
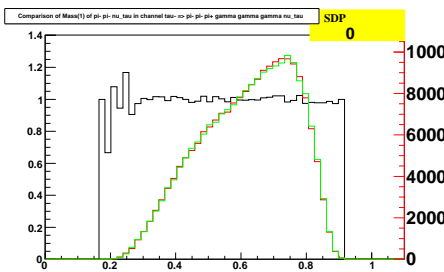
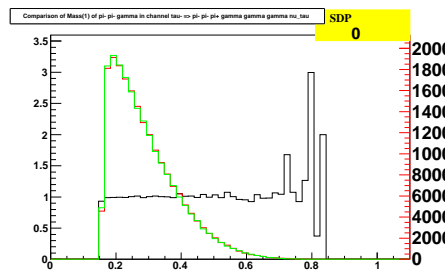
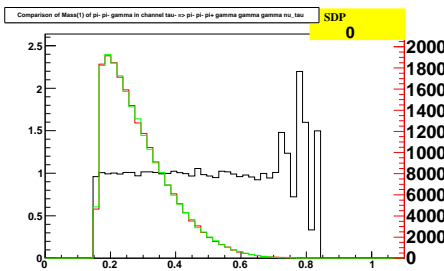
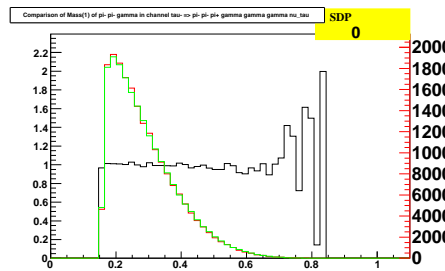
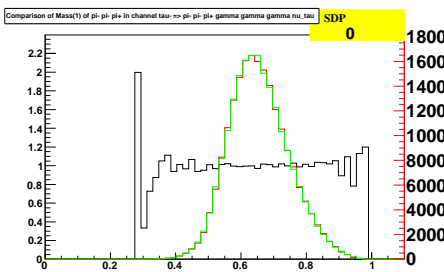
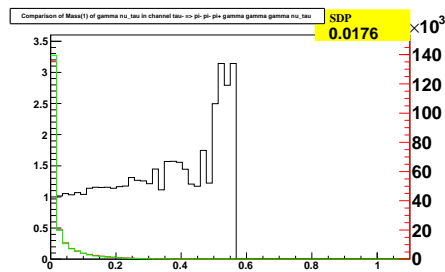
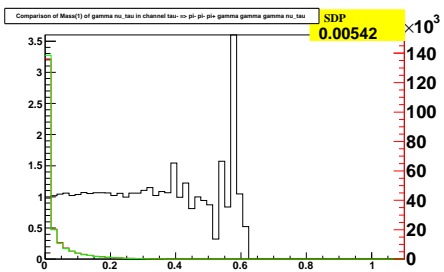
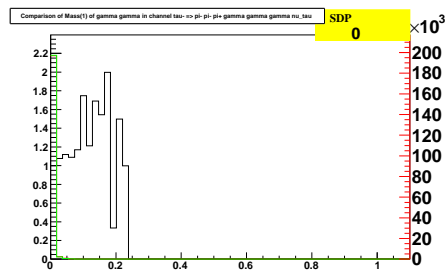
## 48 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^+ \gamma \gamma \nu_\tau$

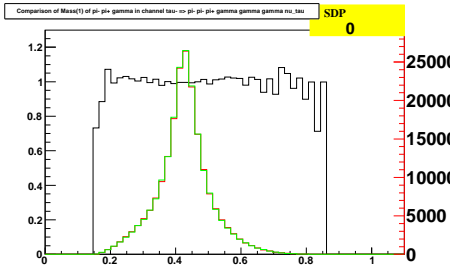
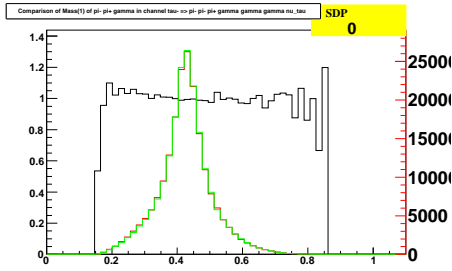
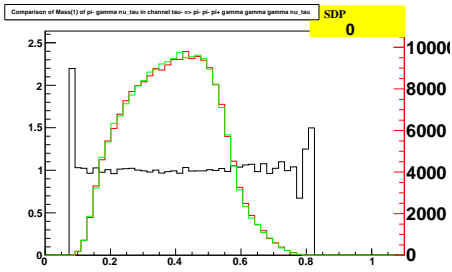
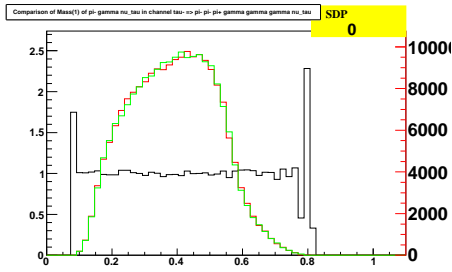
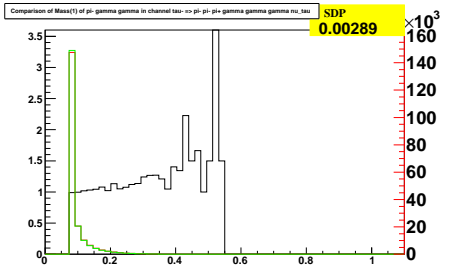
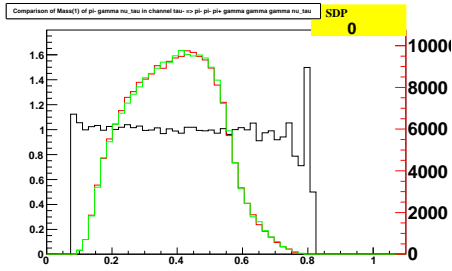
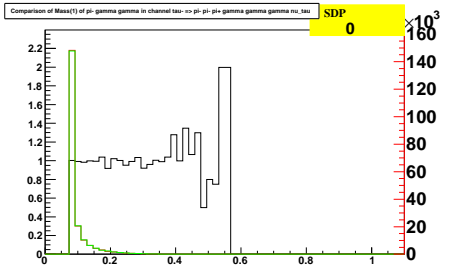
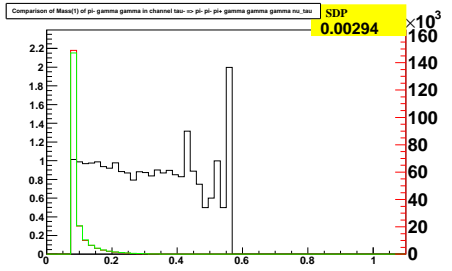
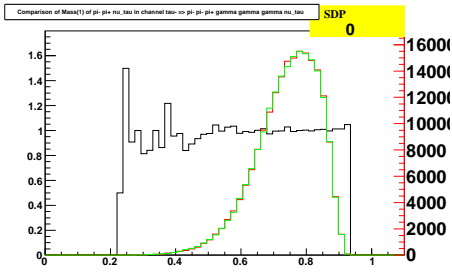
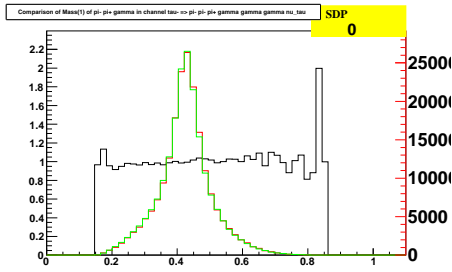
Number of events from **generator 1**: 200842

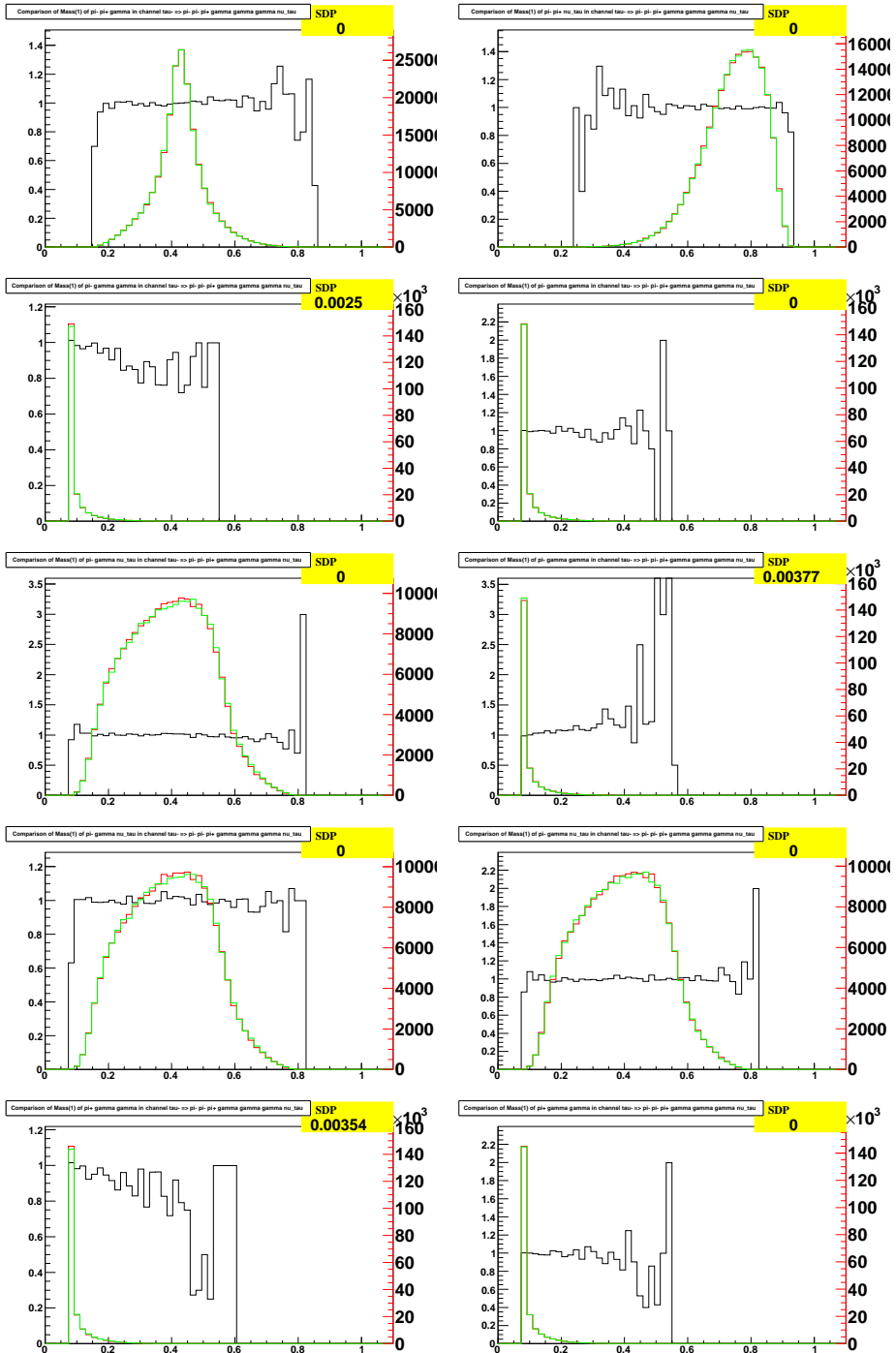
Number of events from **generator 2**: 200615 (scaled to generator1)

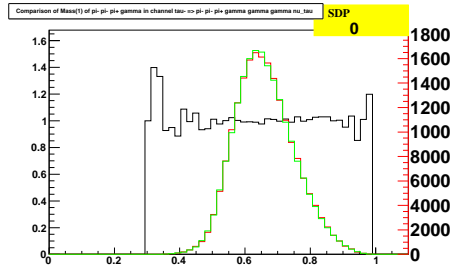
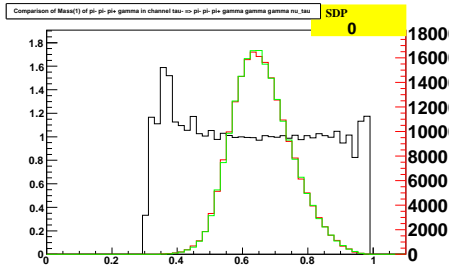
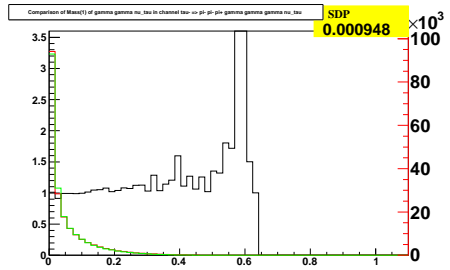
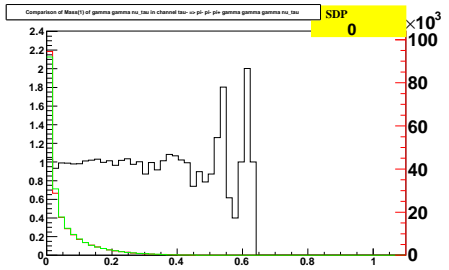
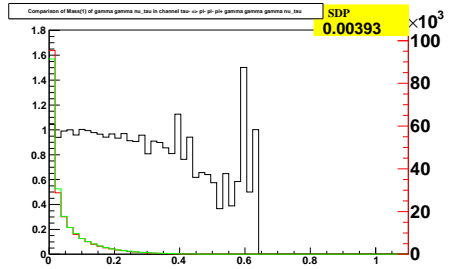
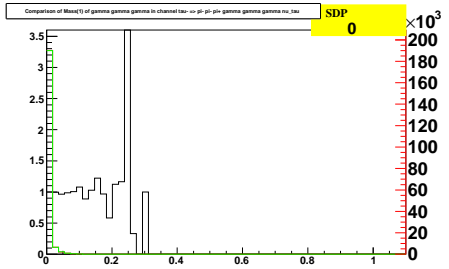
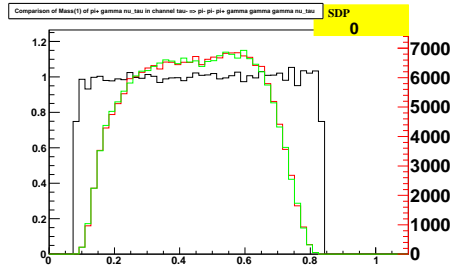
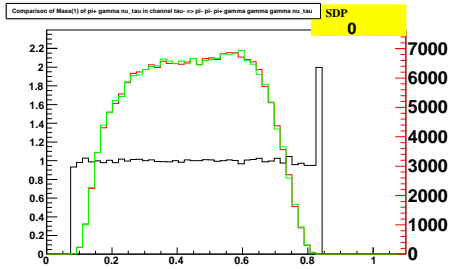
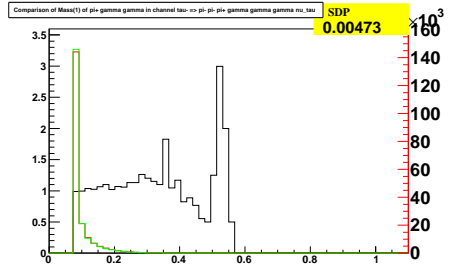
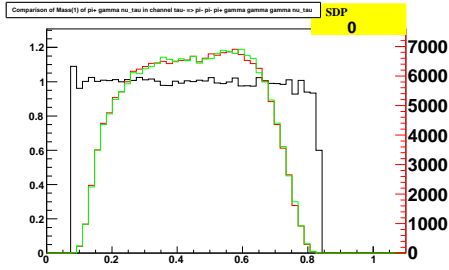




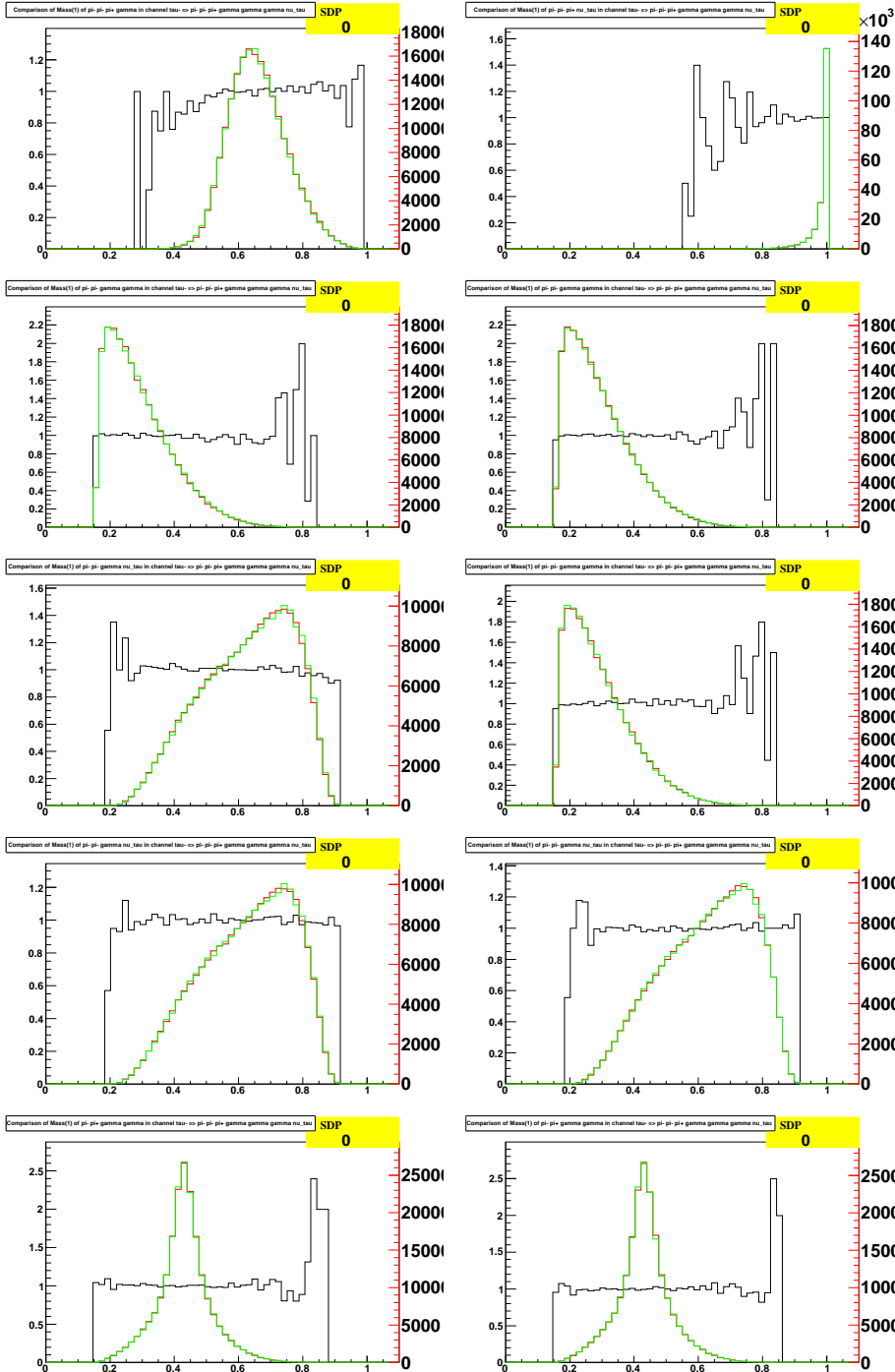


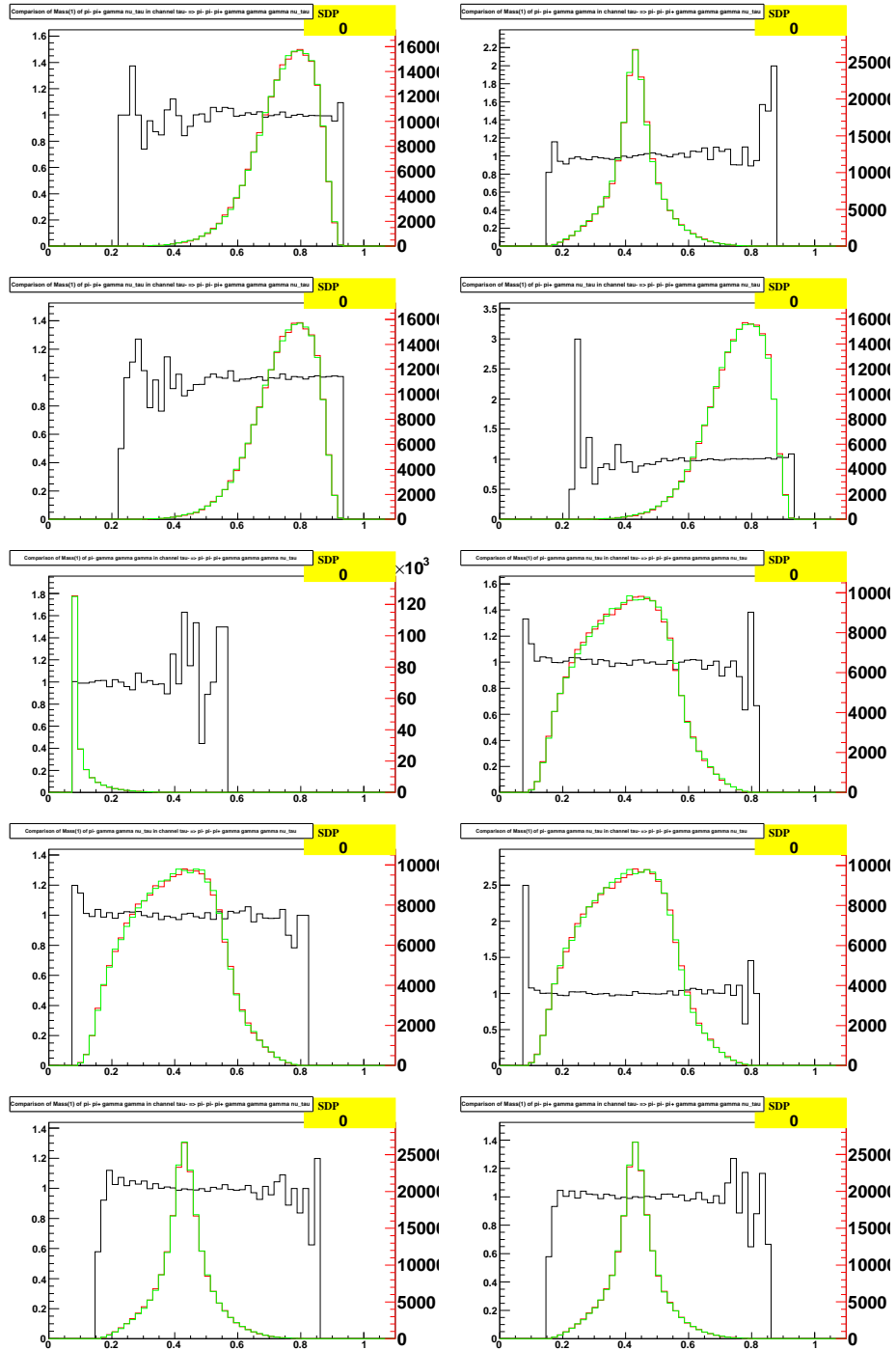


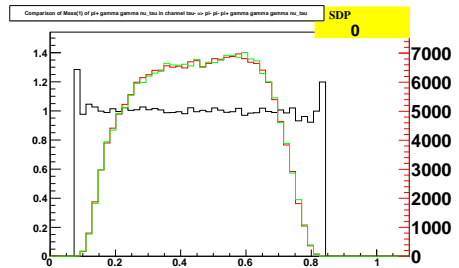
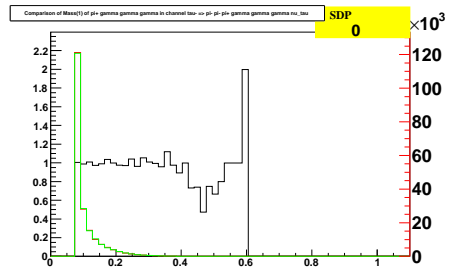
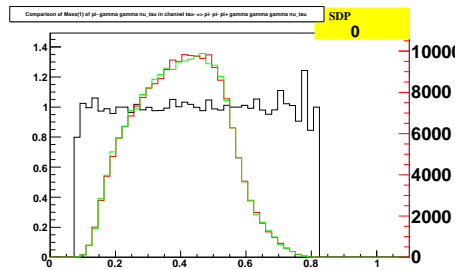
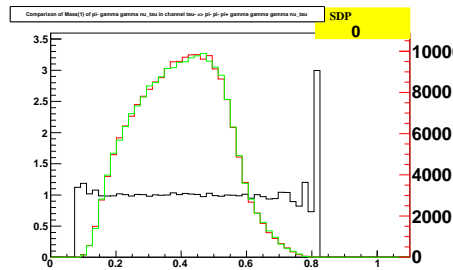
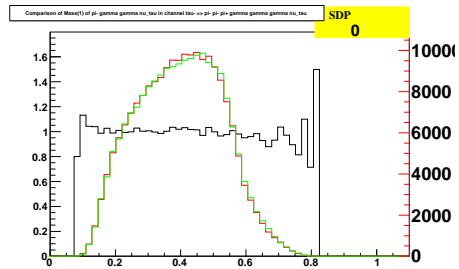
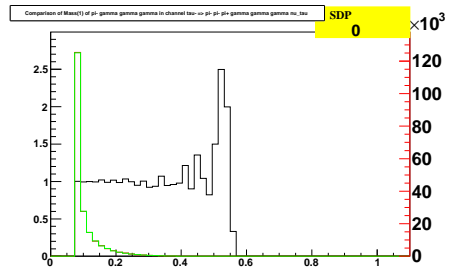
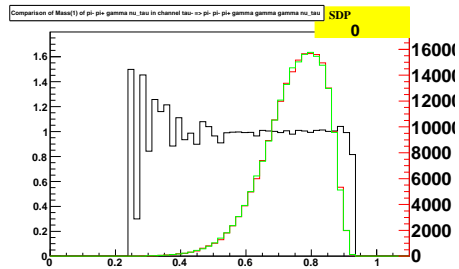
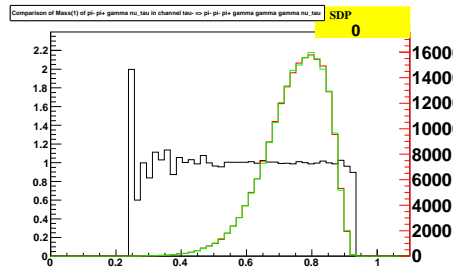
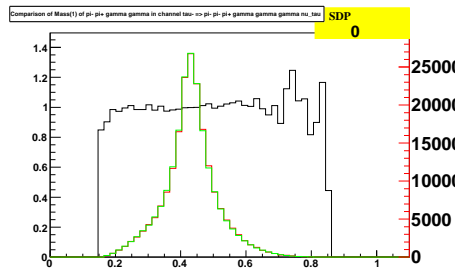
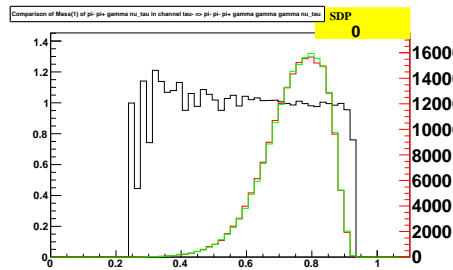


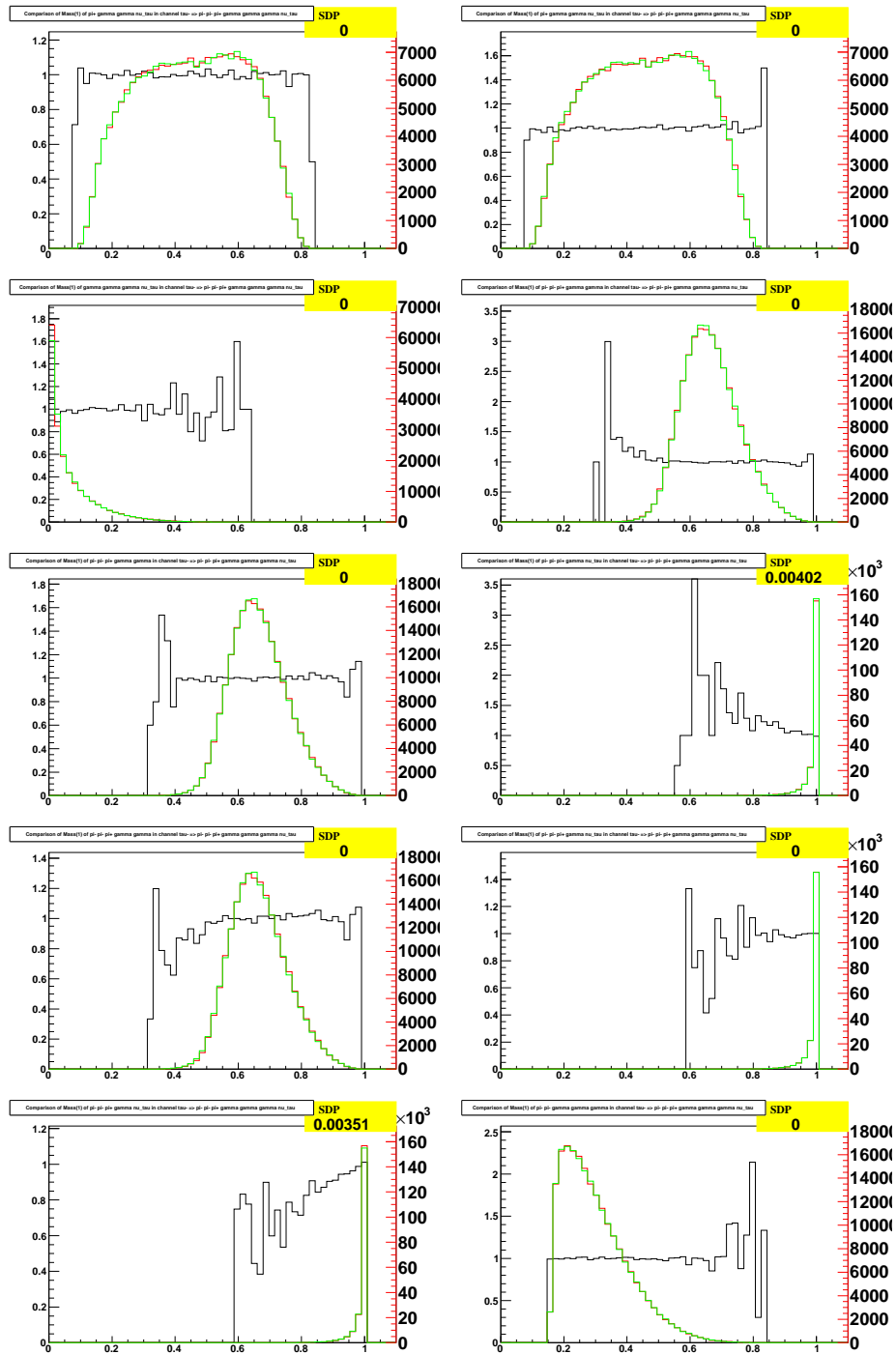


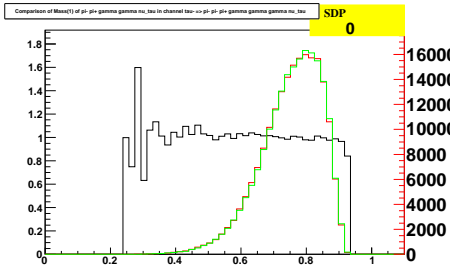
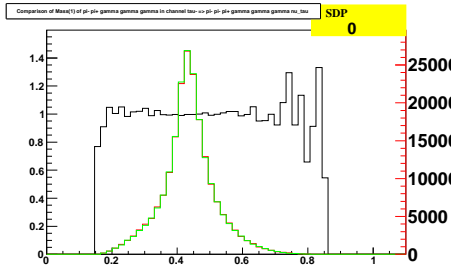
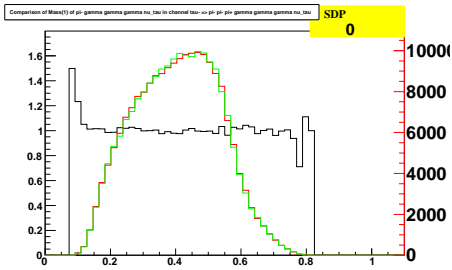
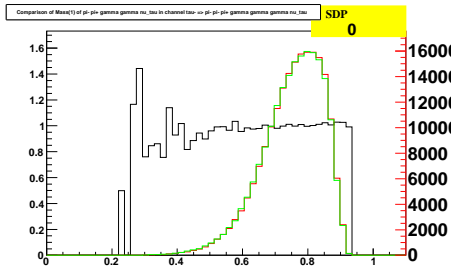
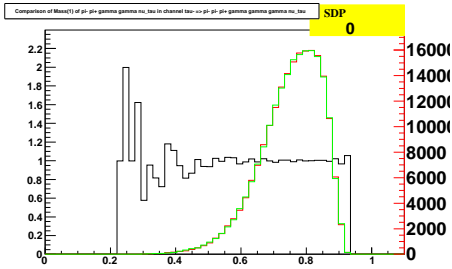
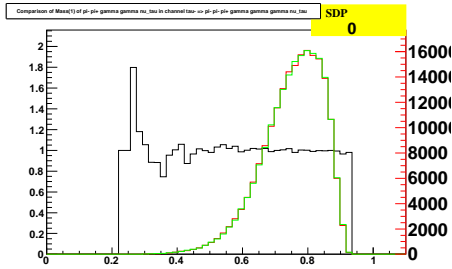
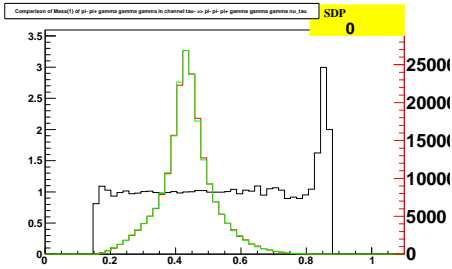
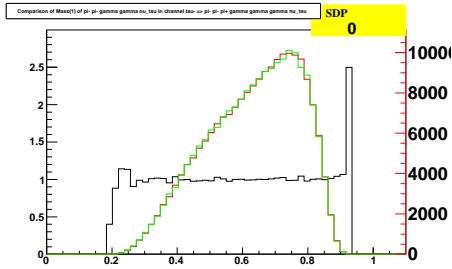
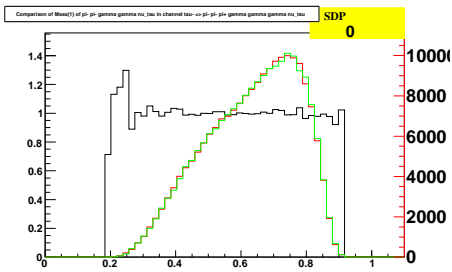
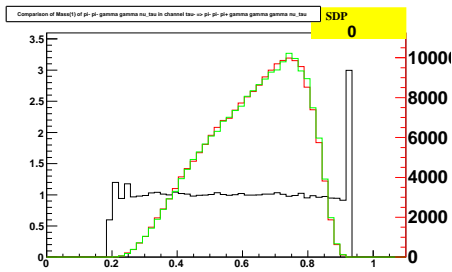


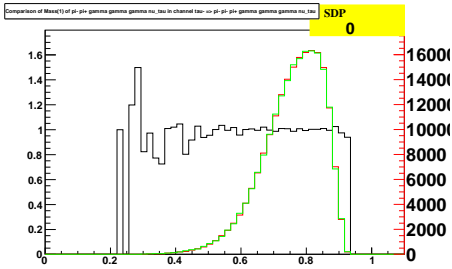
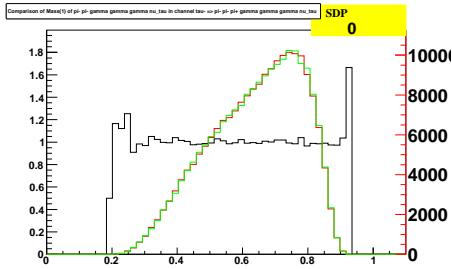
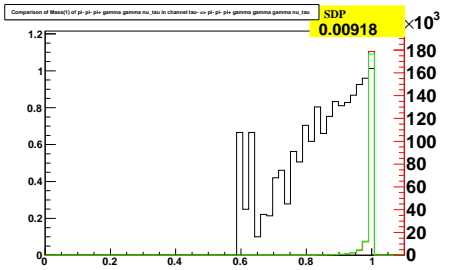
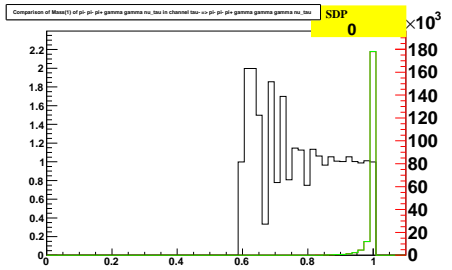
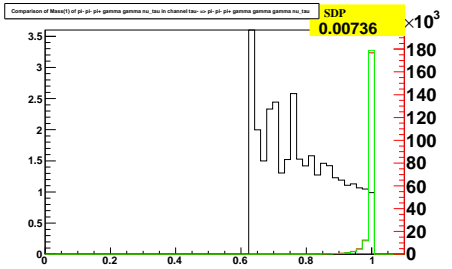
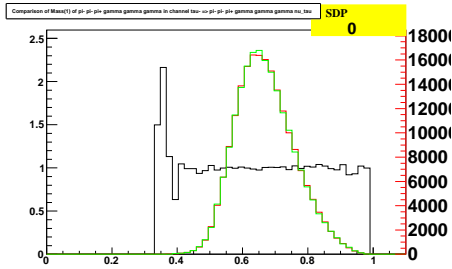
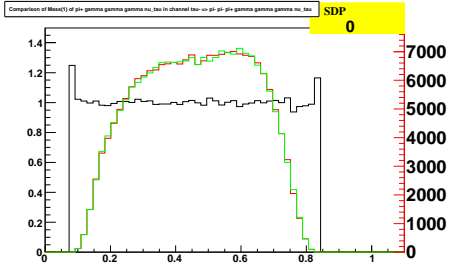
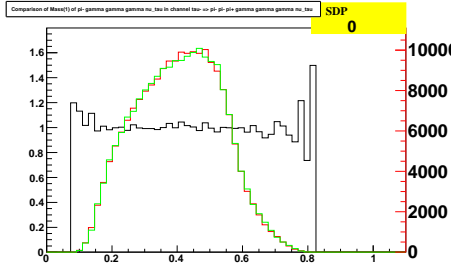
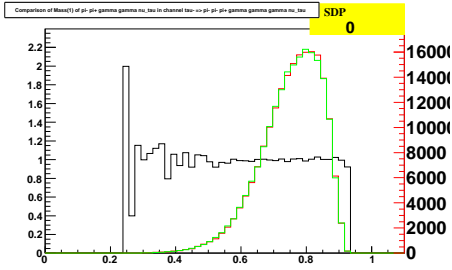
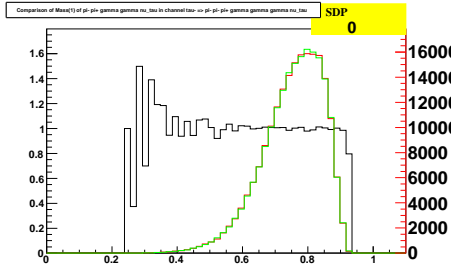


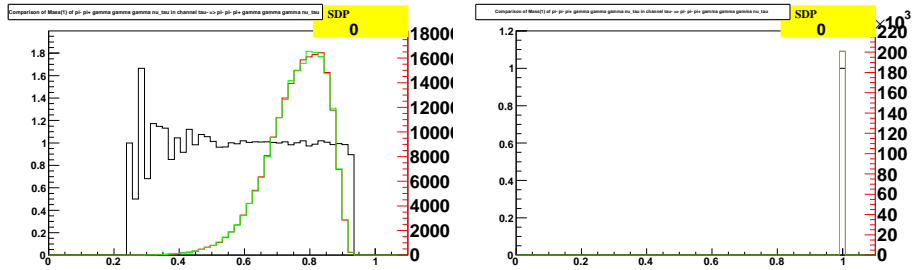








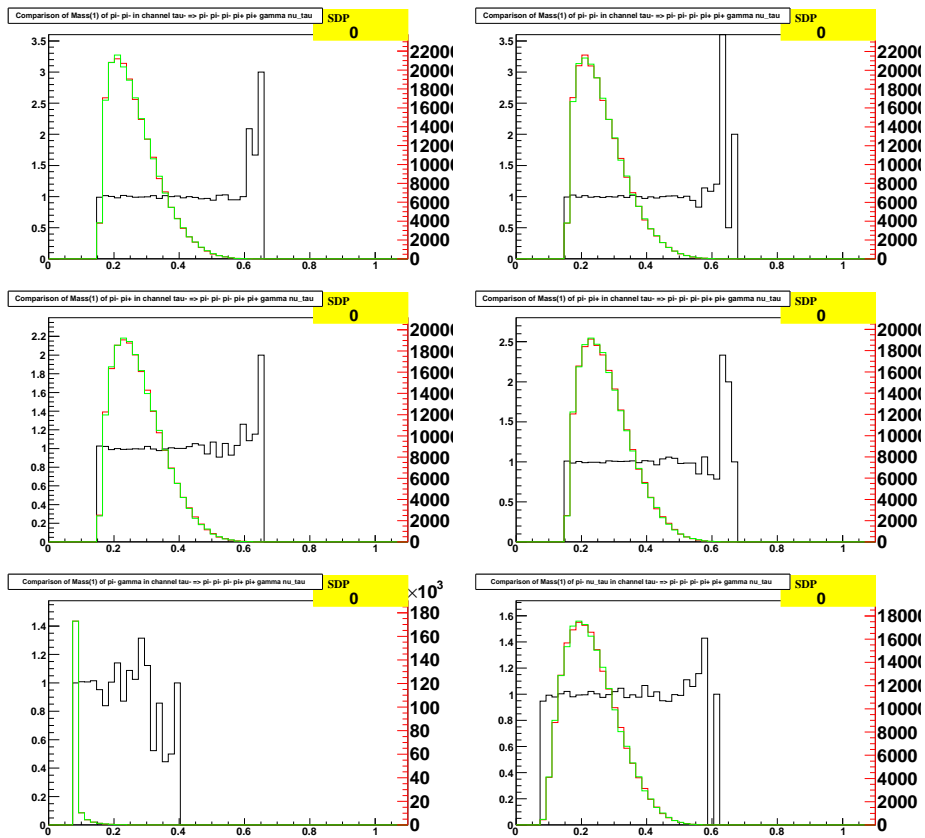


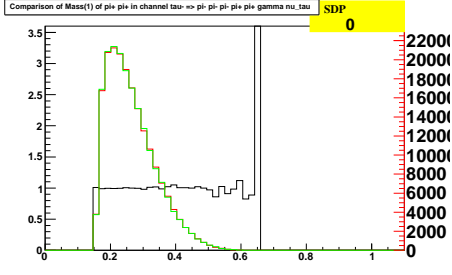
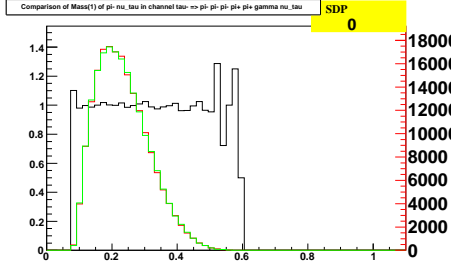
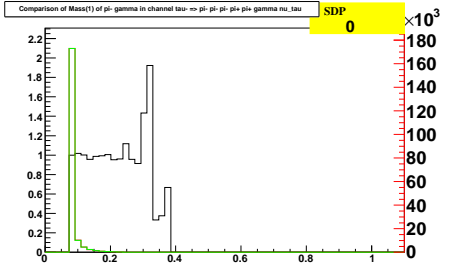
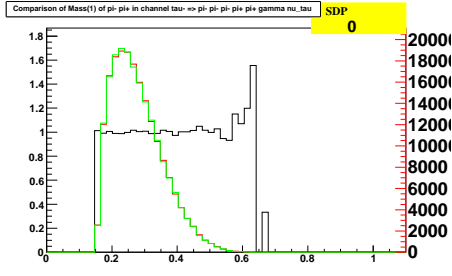
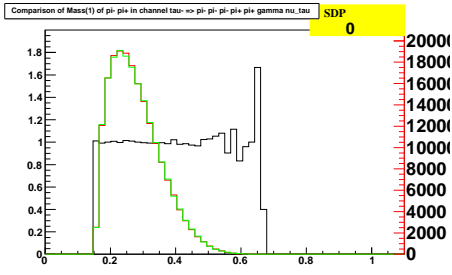
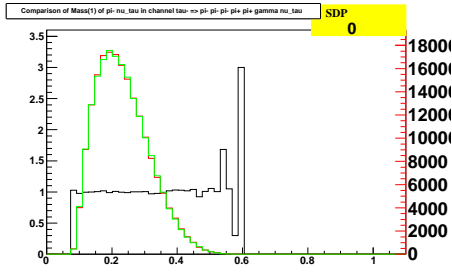
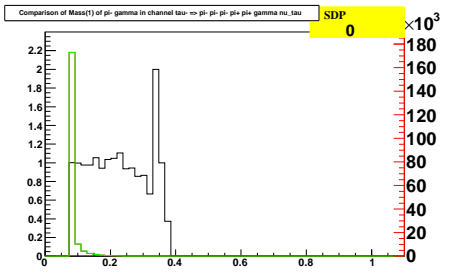
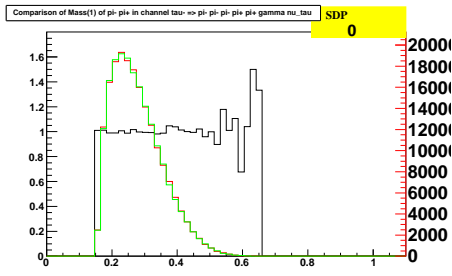
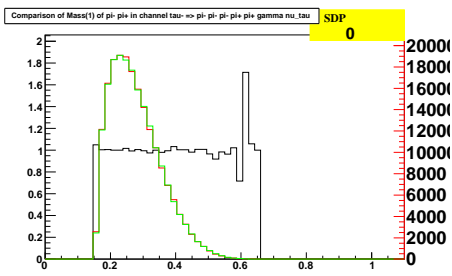
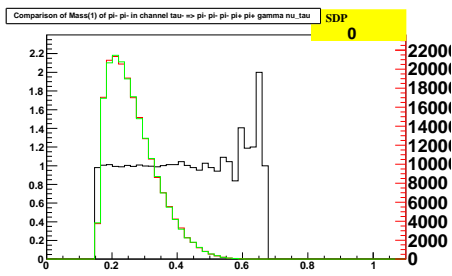


### 49 Decay Channel: $\tau^- \rightarrow \pi^- \pi^- \pi^- \pi^+ \pi^+ \gamma \nu_\tau$

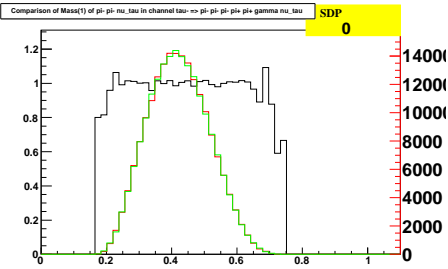
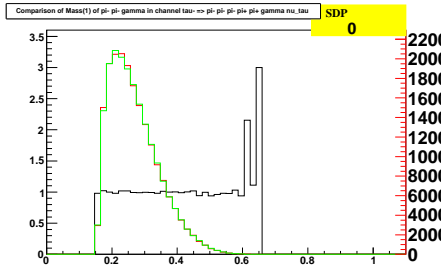
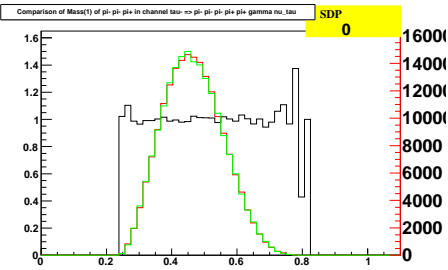
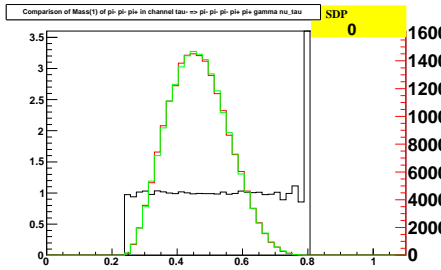
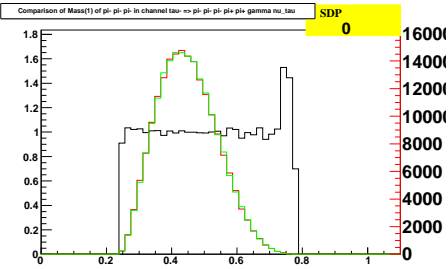
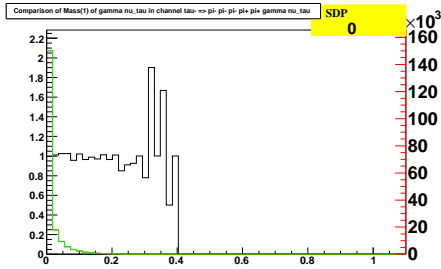
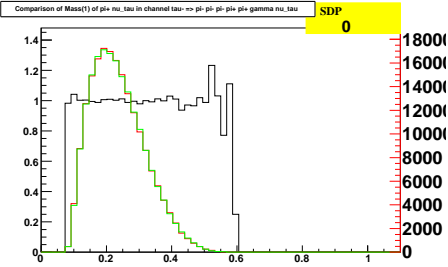
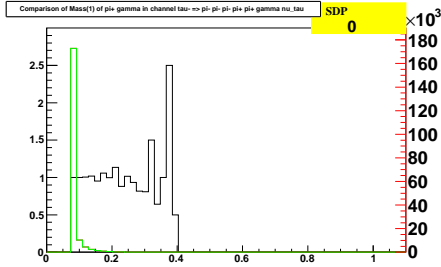
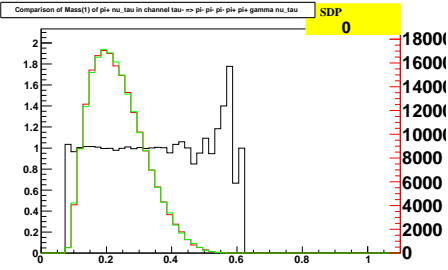
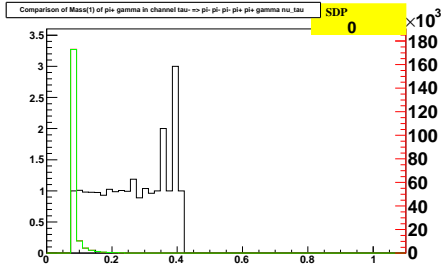
Number of events from generator 1: 193779

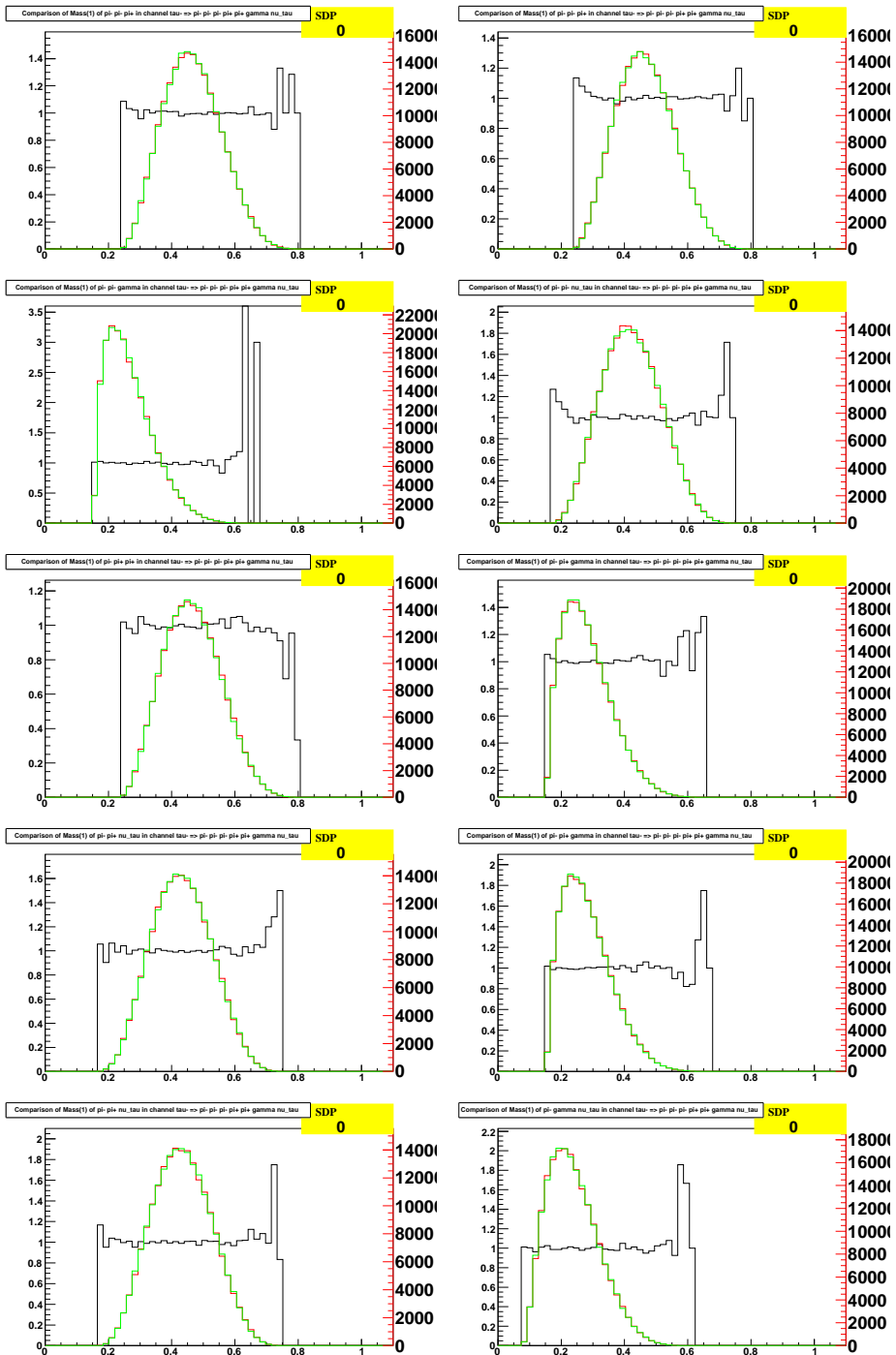
Number of events from generator 2: 193769 (scaled to generator 1)

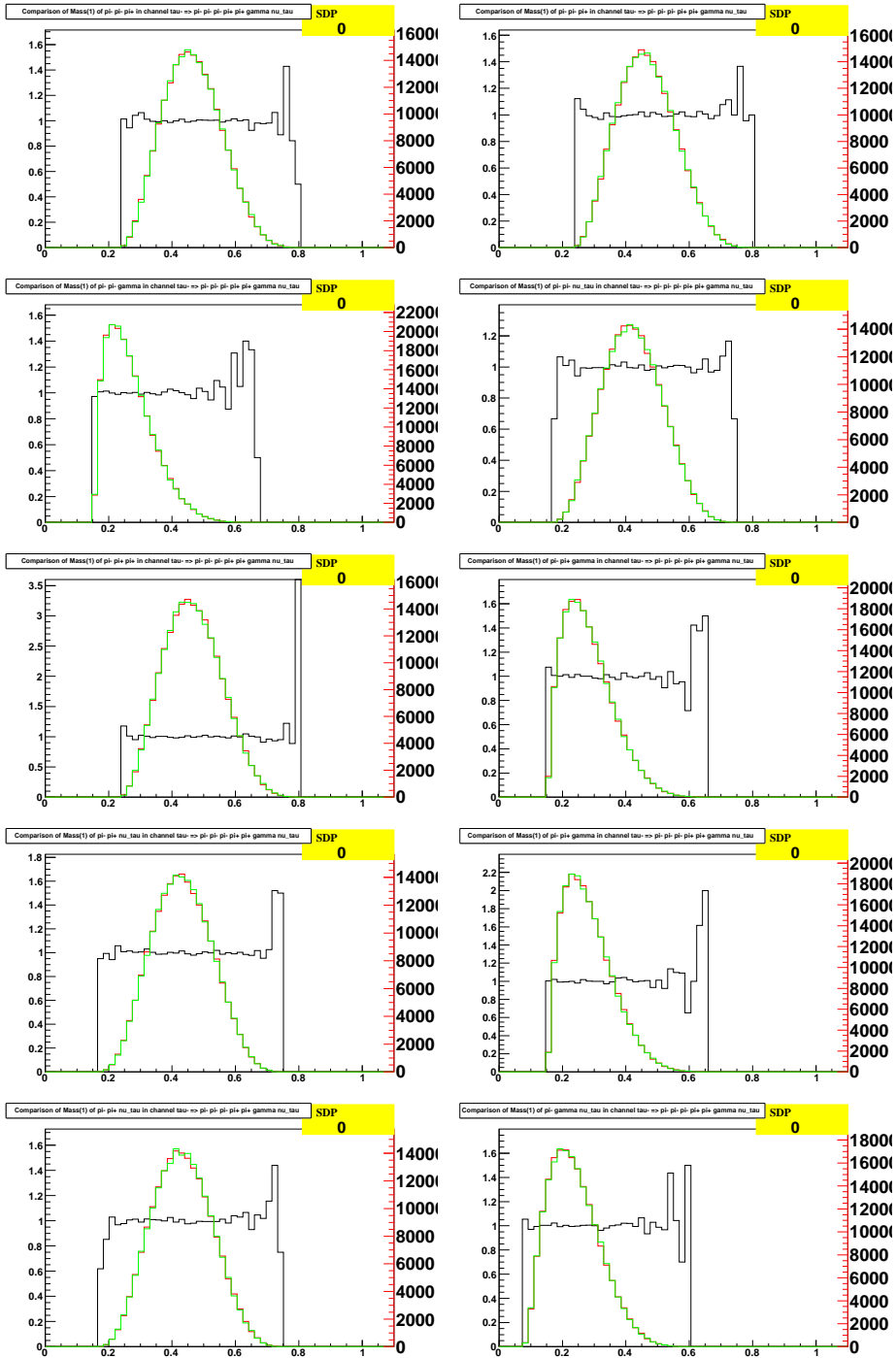


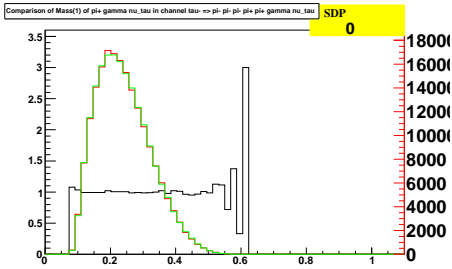
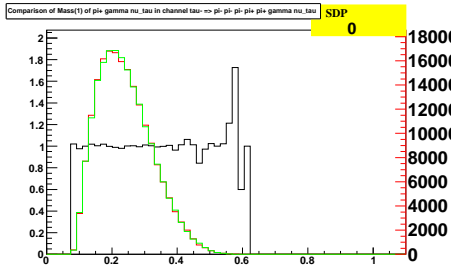
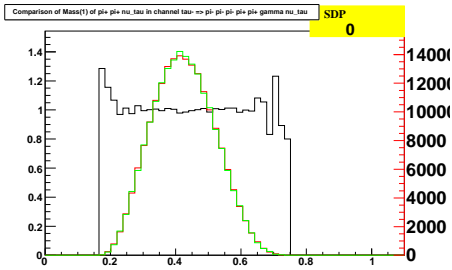
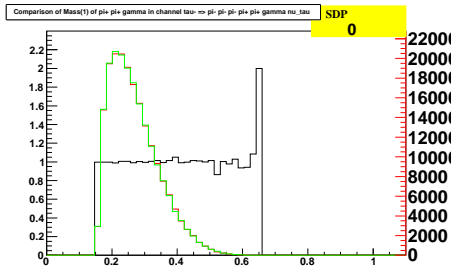
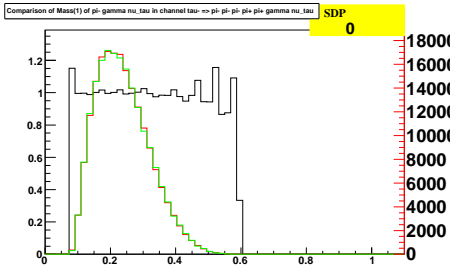
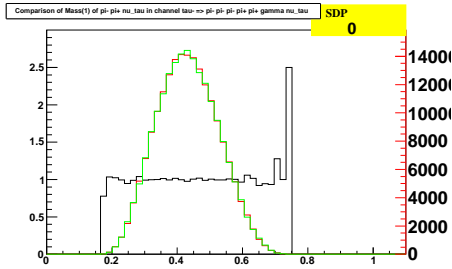
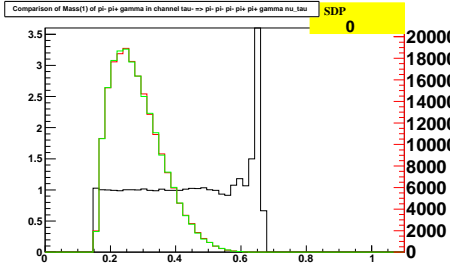
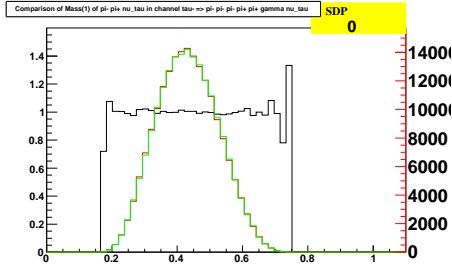
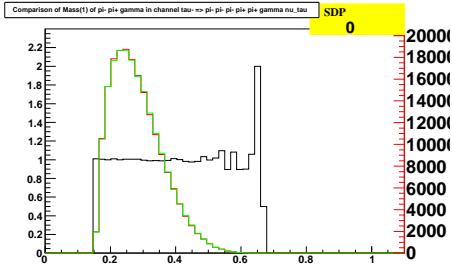
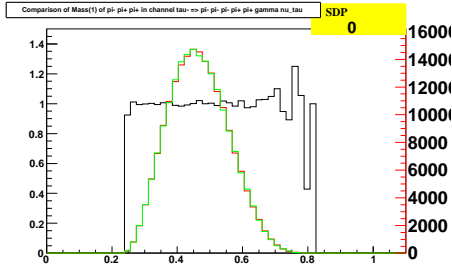


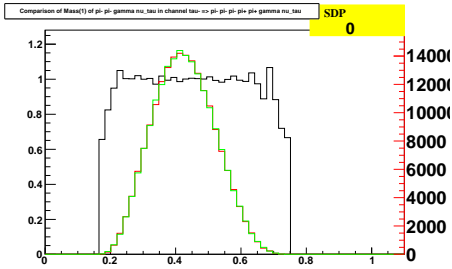
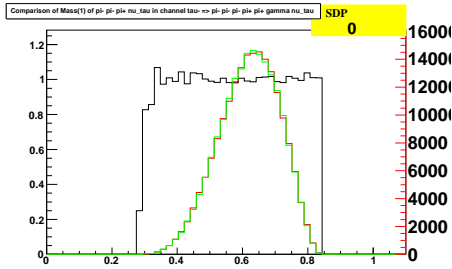
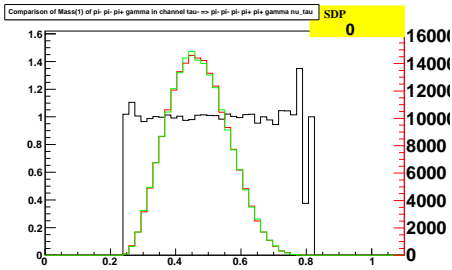
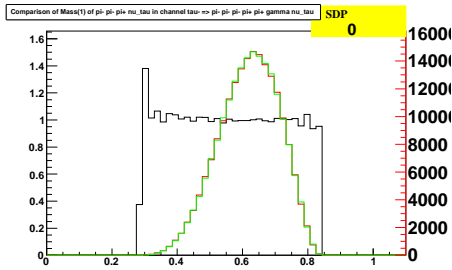
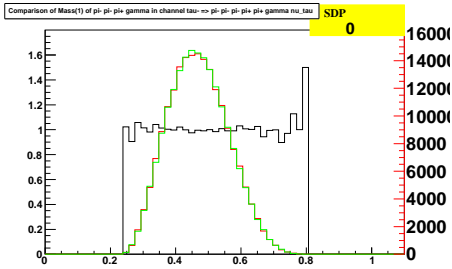
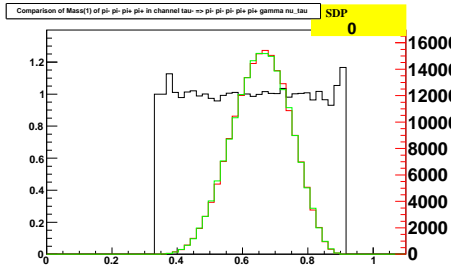
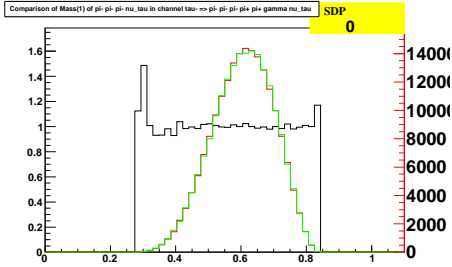
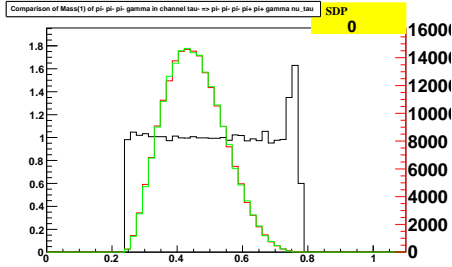
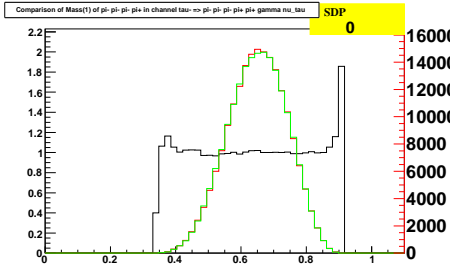
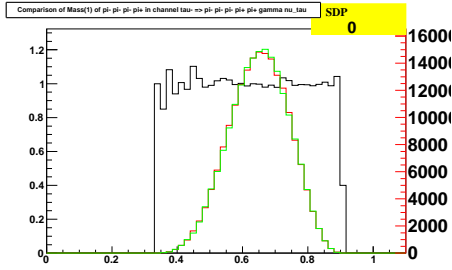




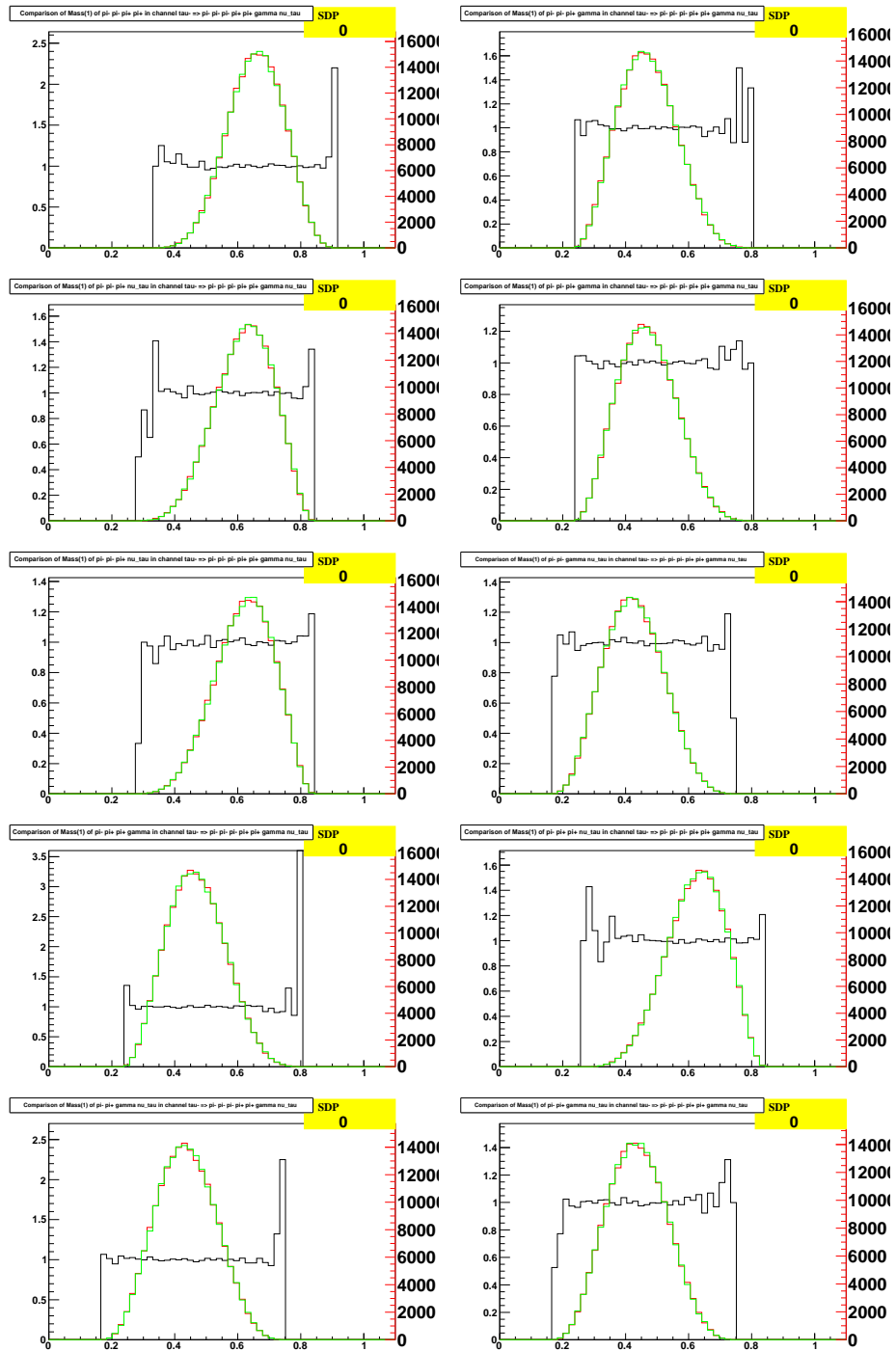


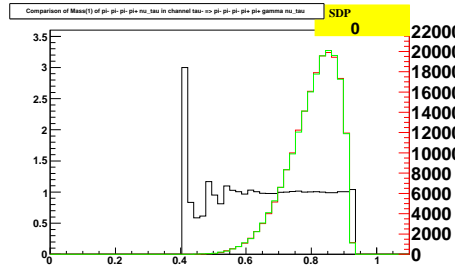
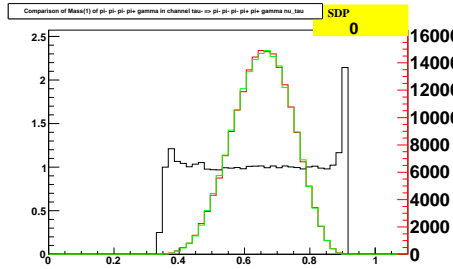
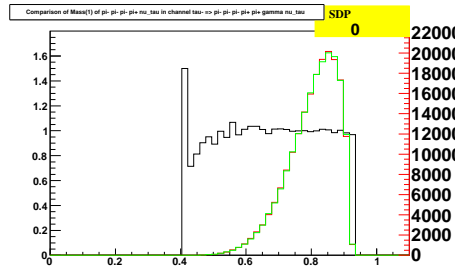
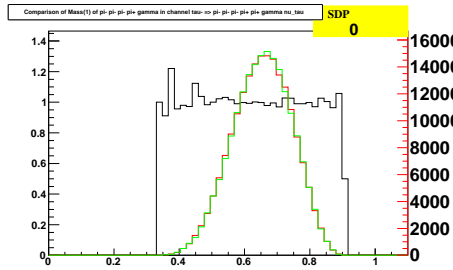
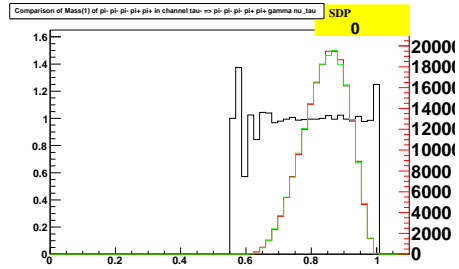
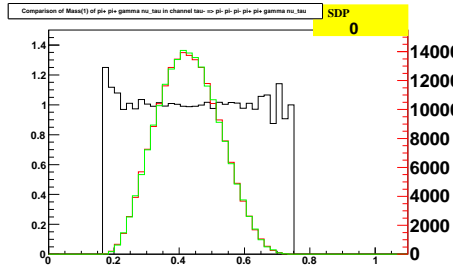
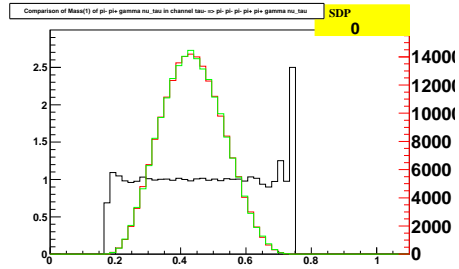
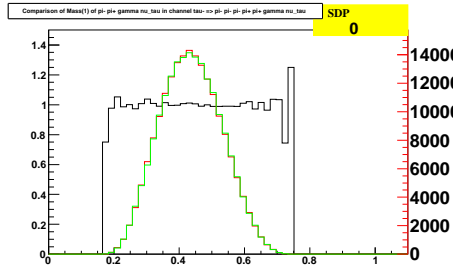
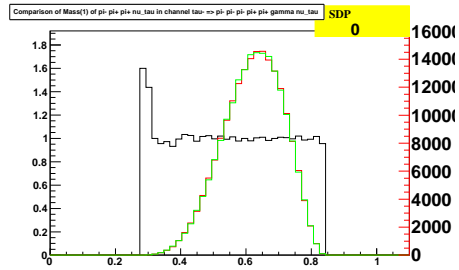
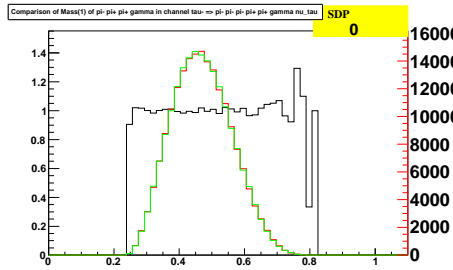






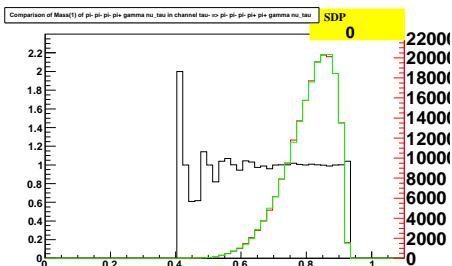
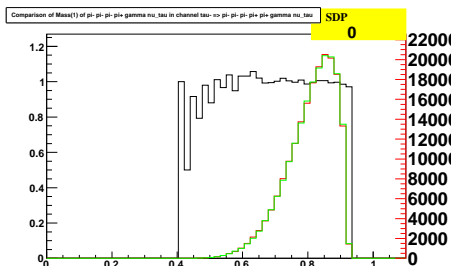
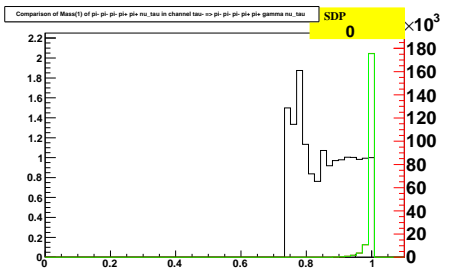
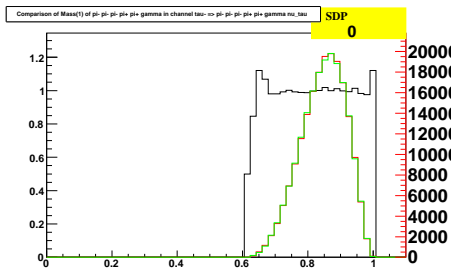
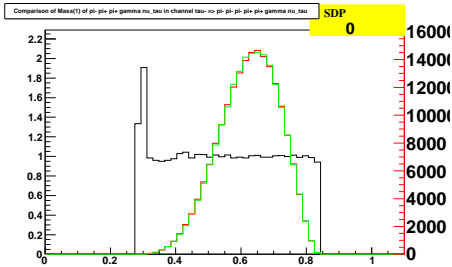
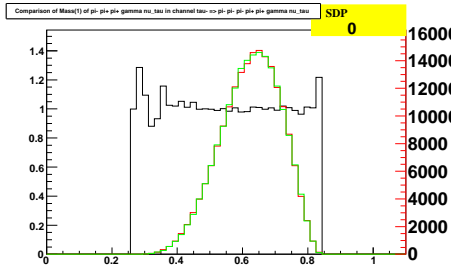
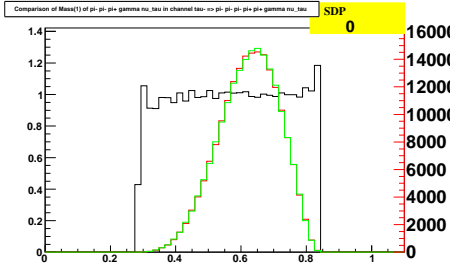
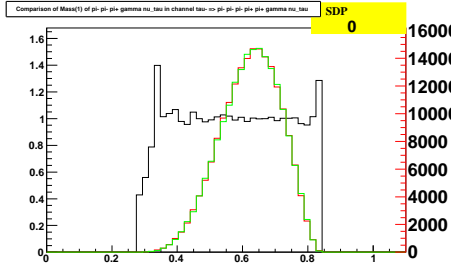
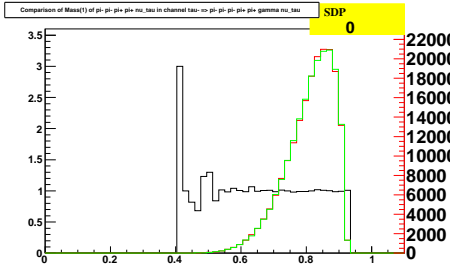
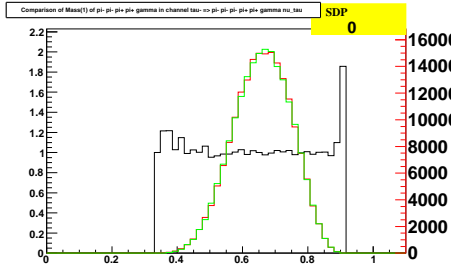


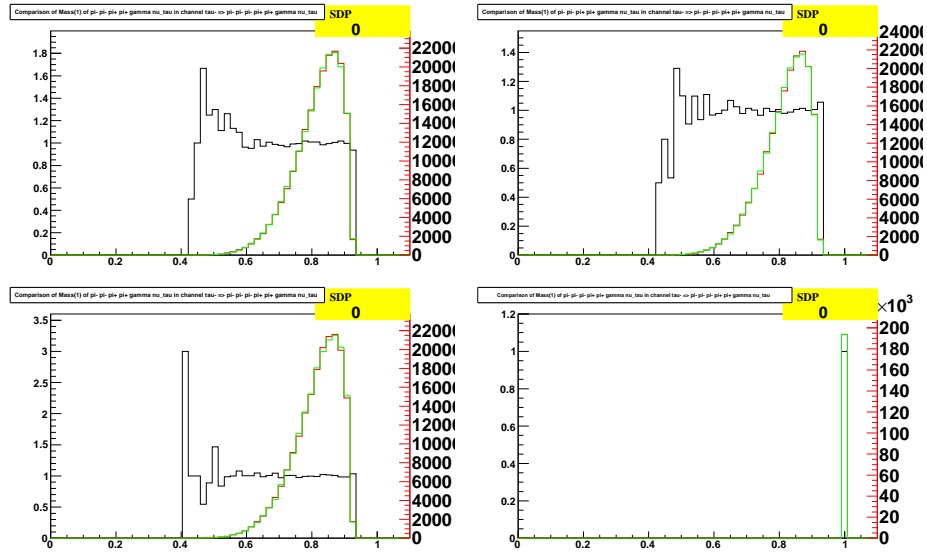








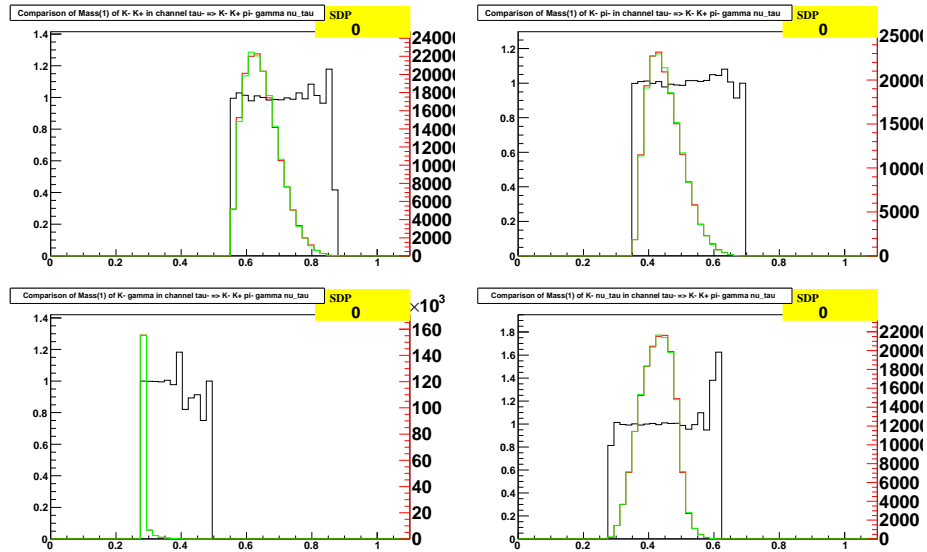


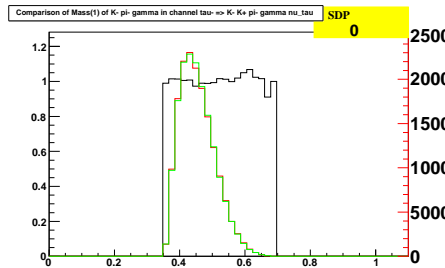
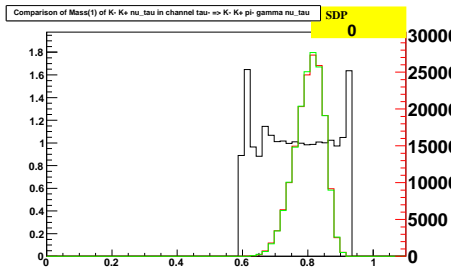
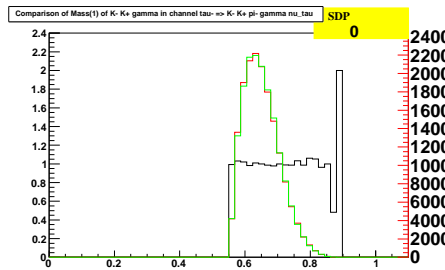
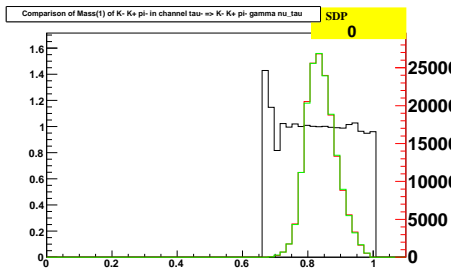
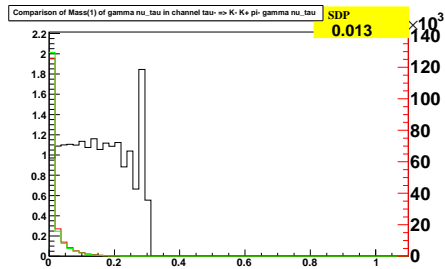
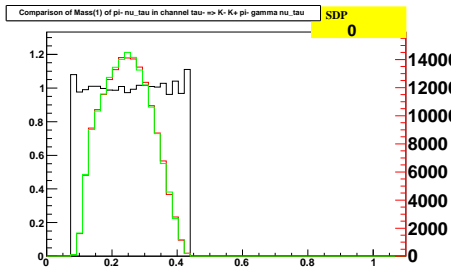
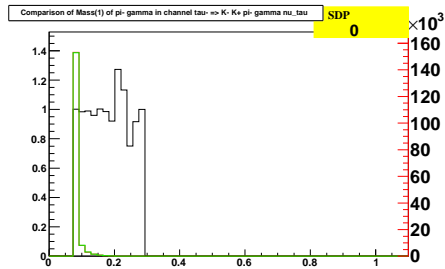
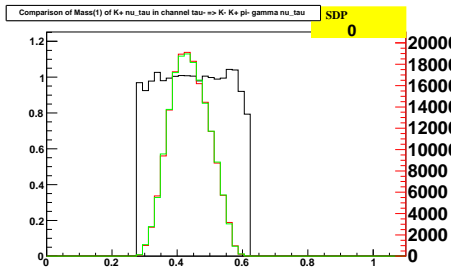
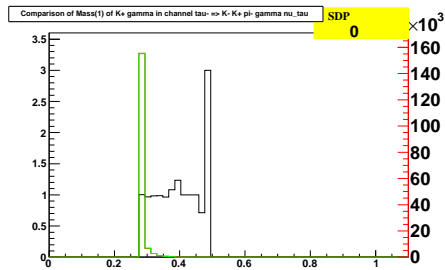
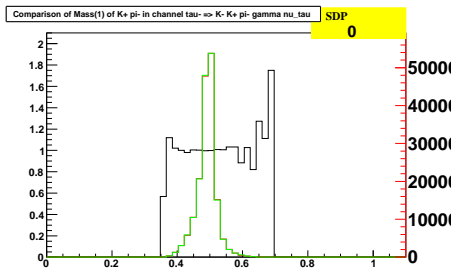


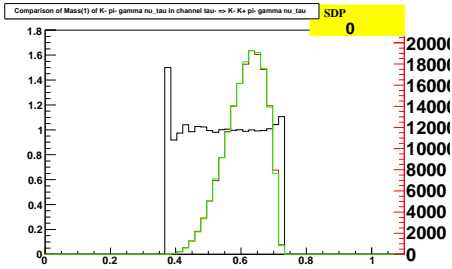
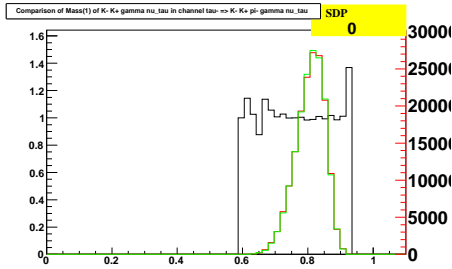
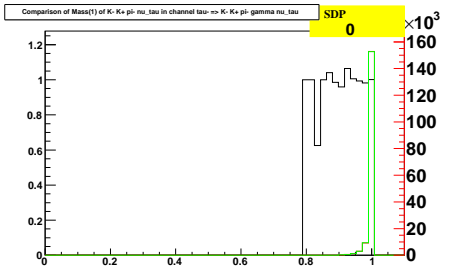
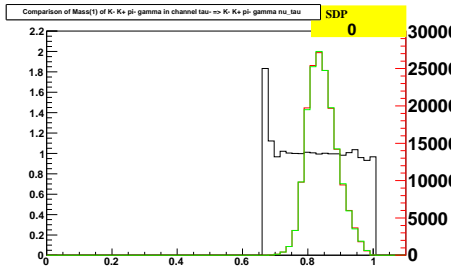
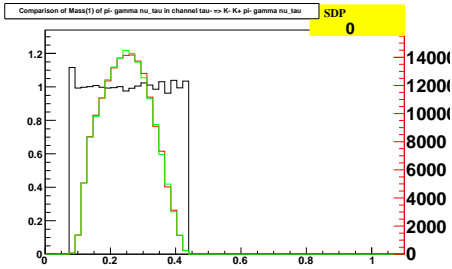
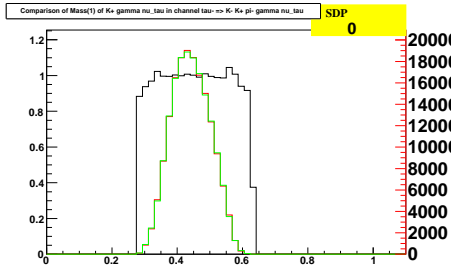
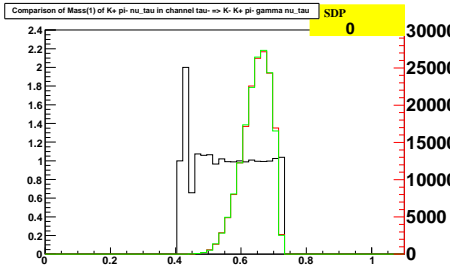
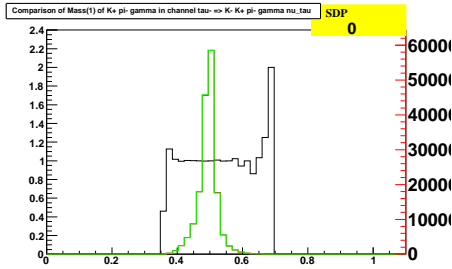
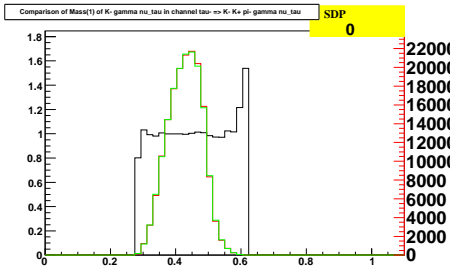
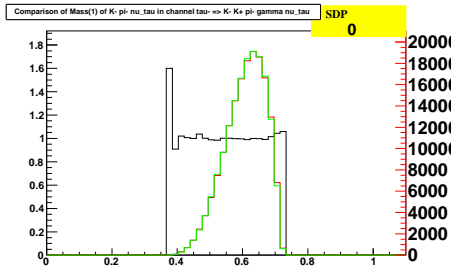
## 50 Decay Channel: $\tau^- \rightarrow K^- K^+ \pi^- \gamma \nu_\tau$

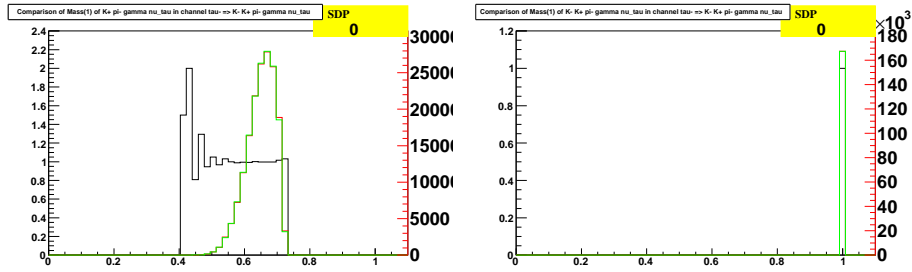
Number of events from generator 1: 167331 (scaled to generator2)

Number of events from generator 2: 167366





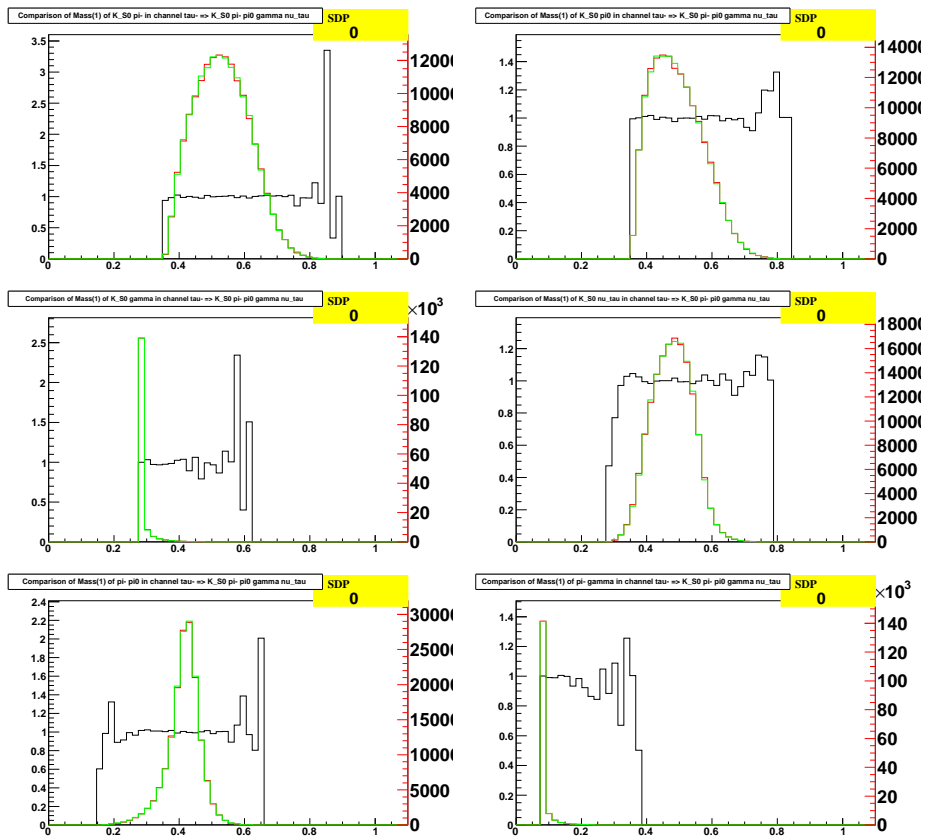


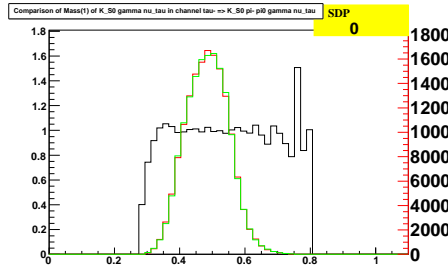
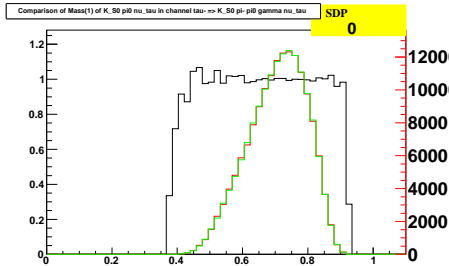
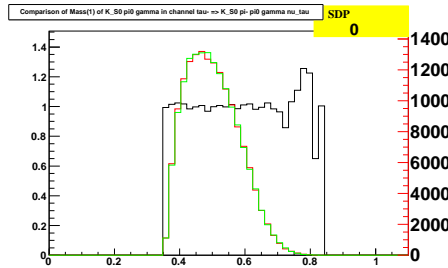
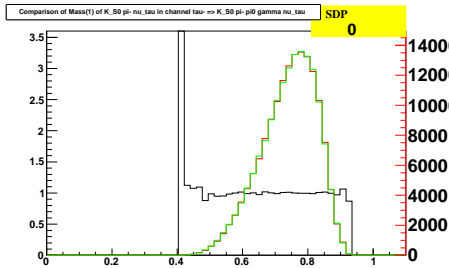
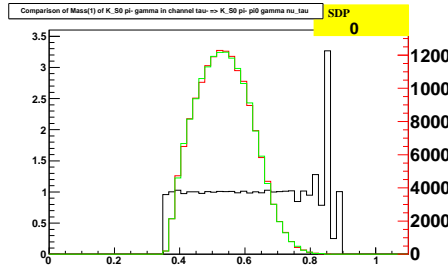
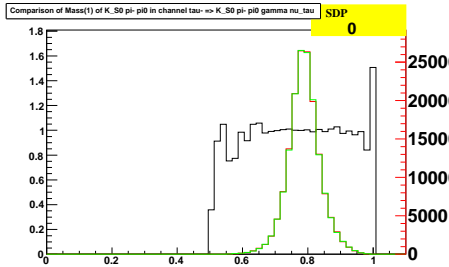
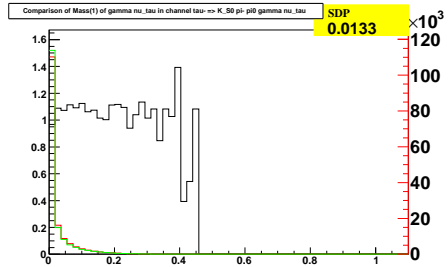
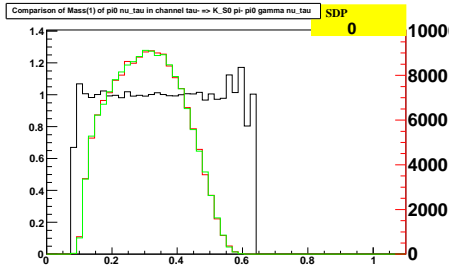
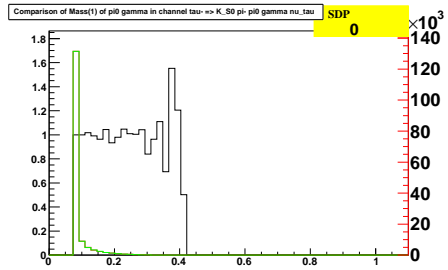
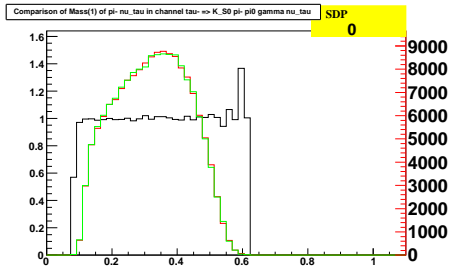


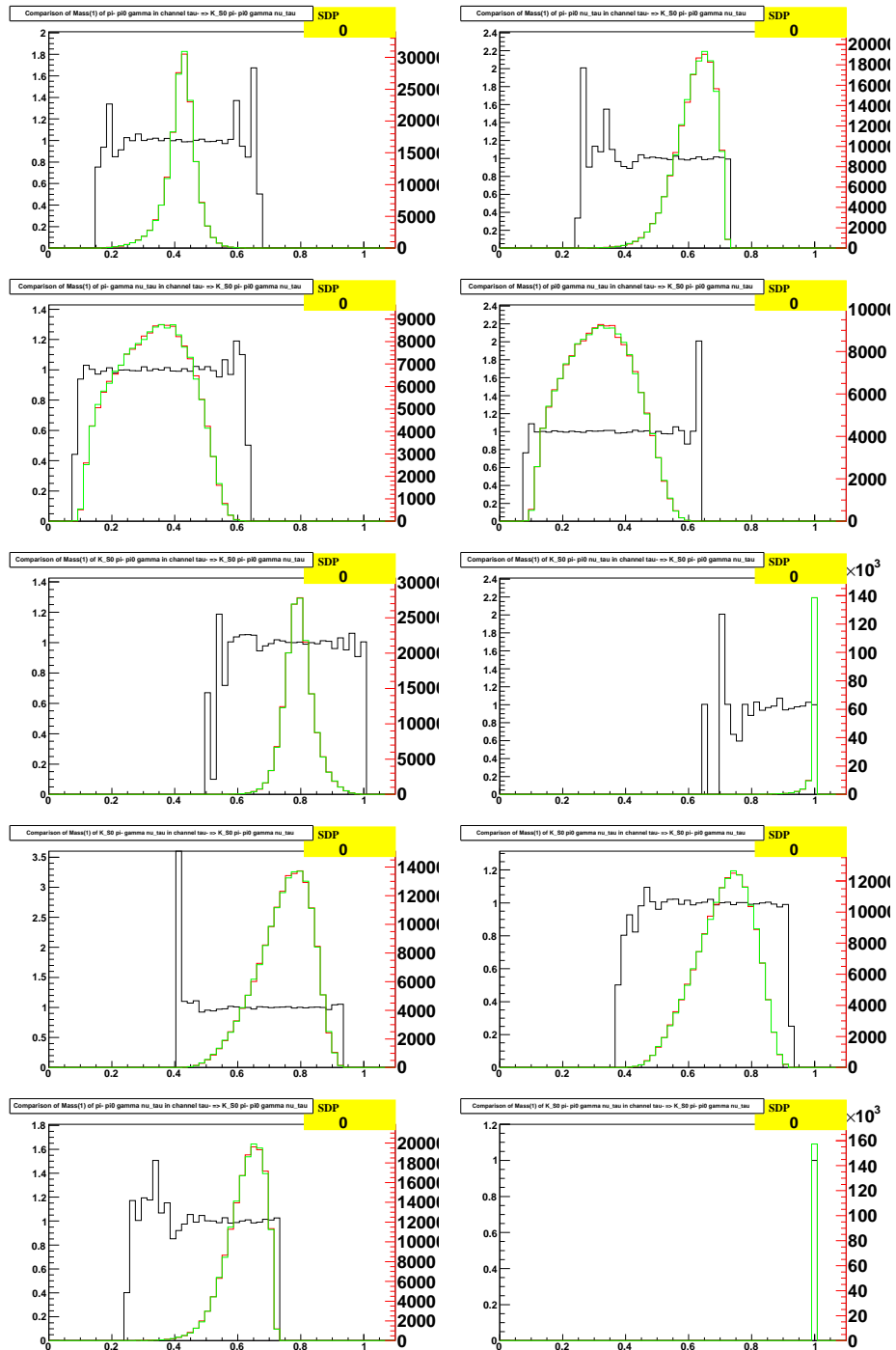
## 51 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 156578 (scaled to generator2)

Number of events from generator 2: 157318





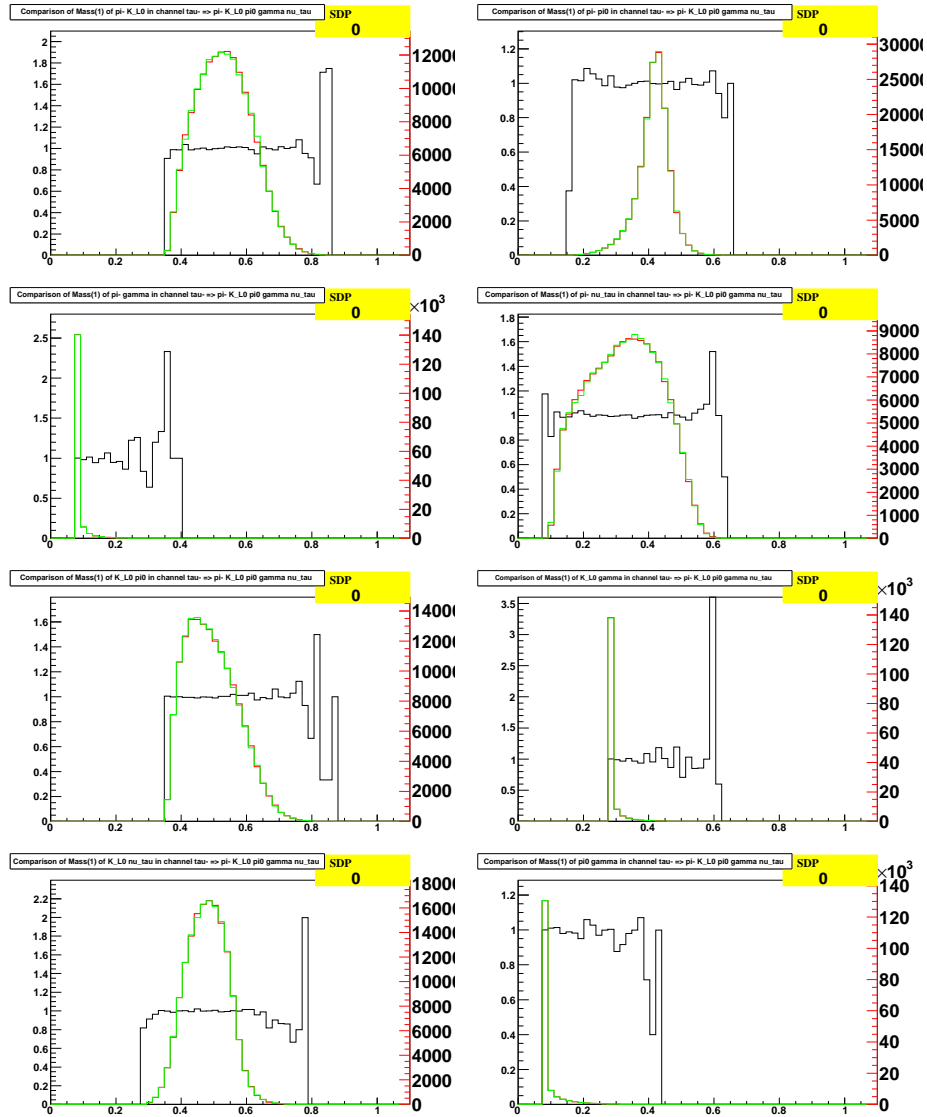


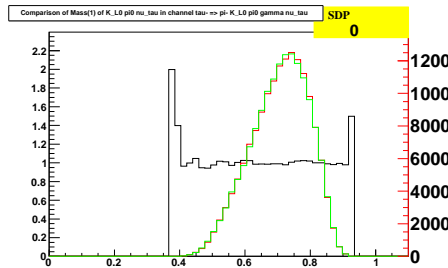
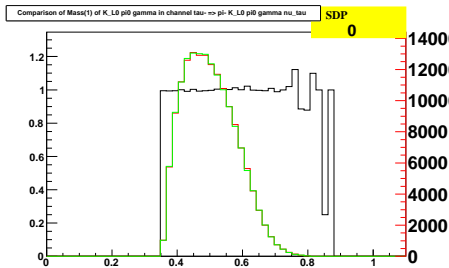
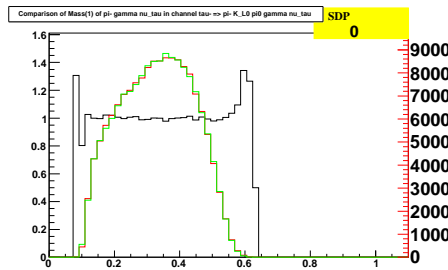
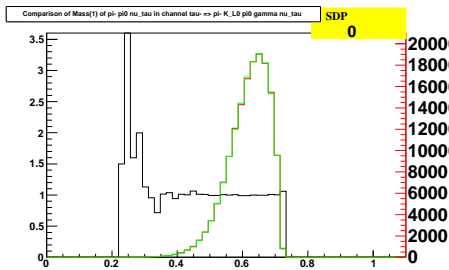
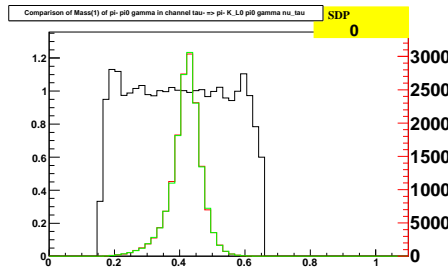
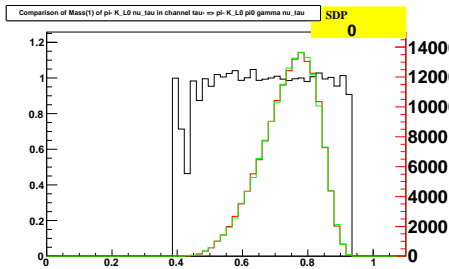
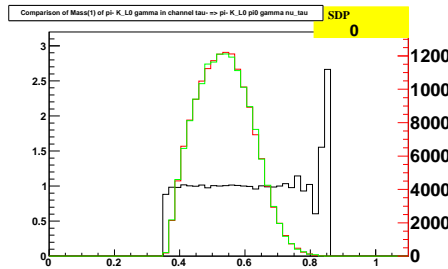
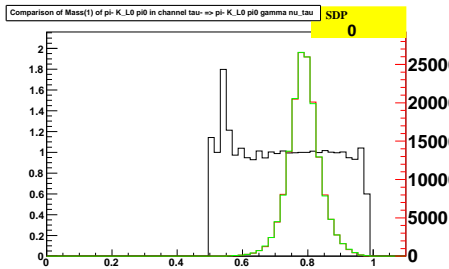
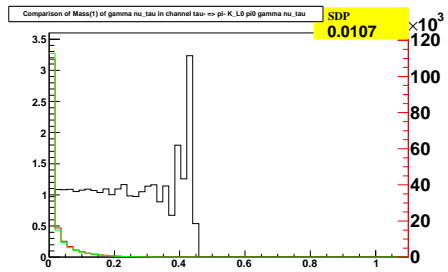
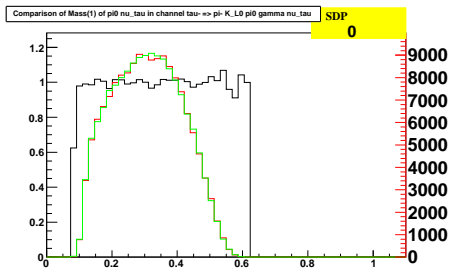


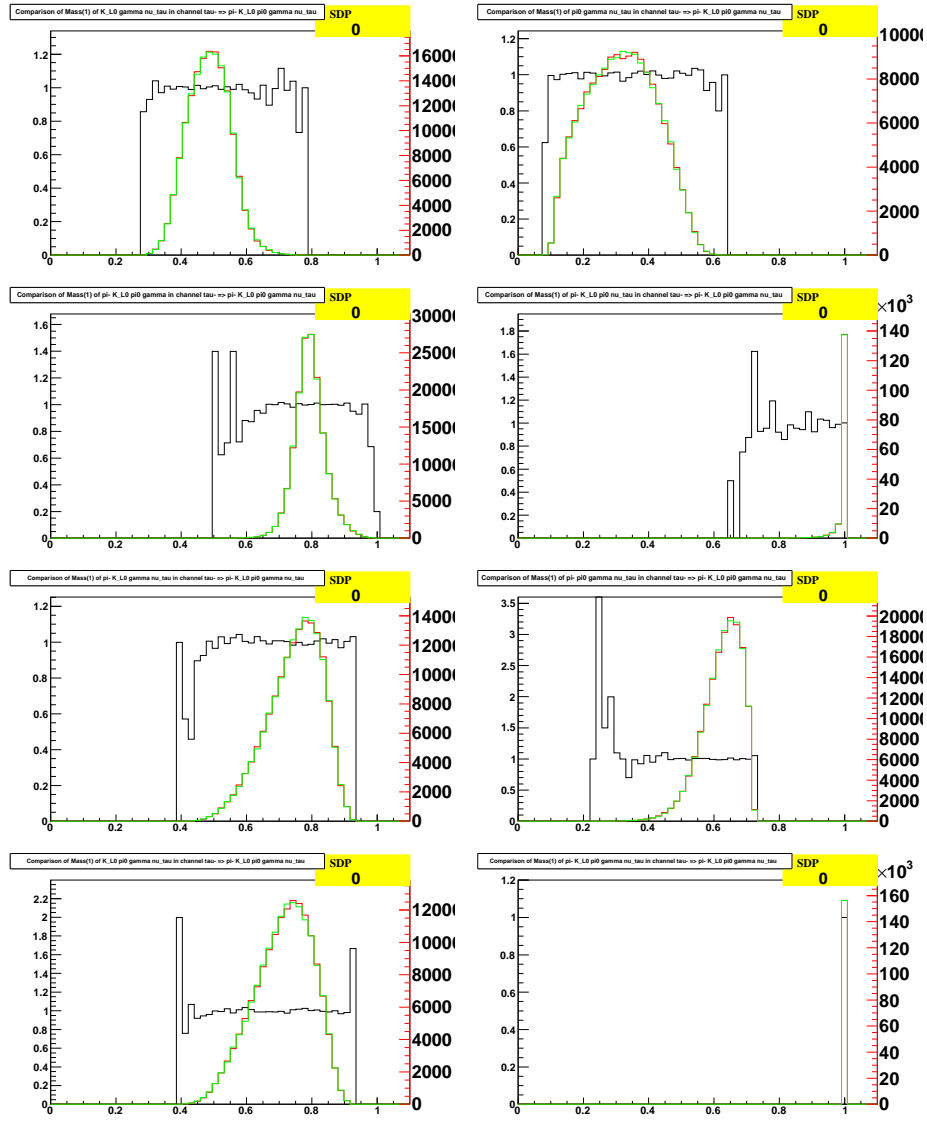
## 52 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 156279

Number of events from generator 2: 156141 (scaled to generator1)



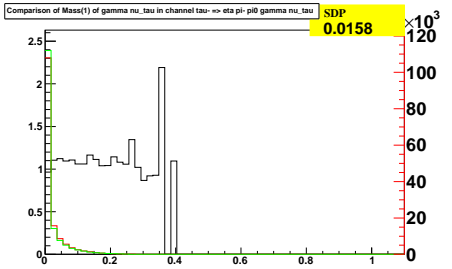
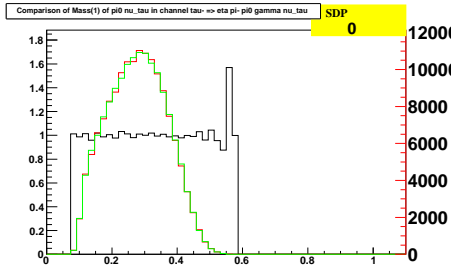
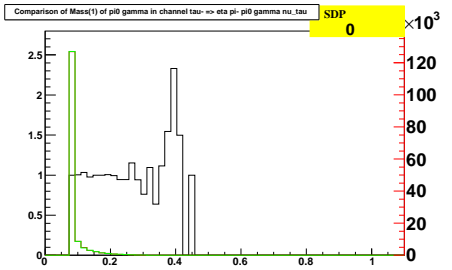
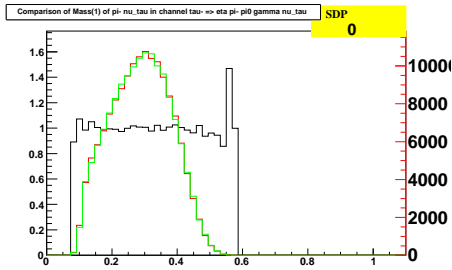
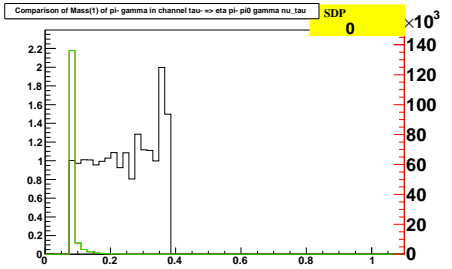
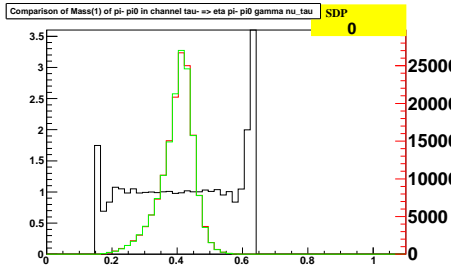
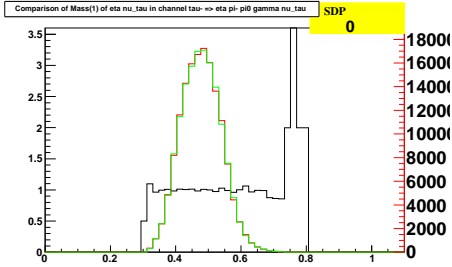
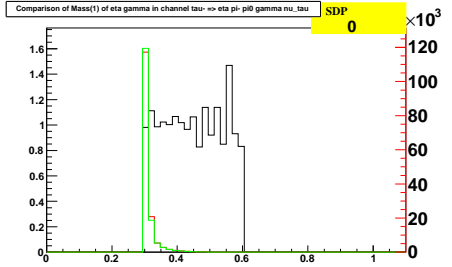
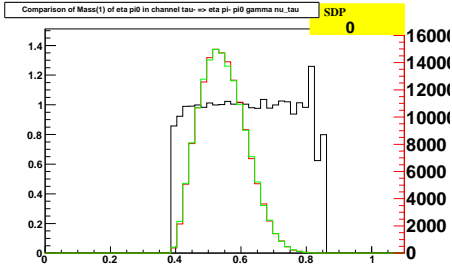
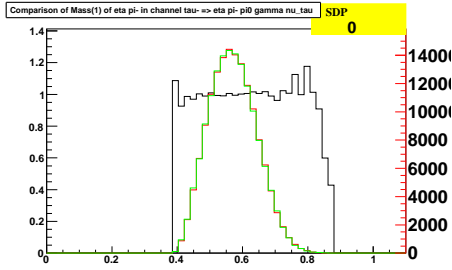


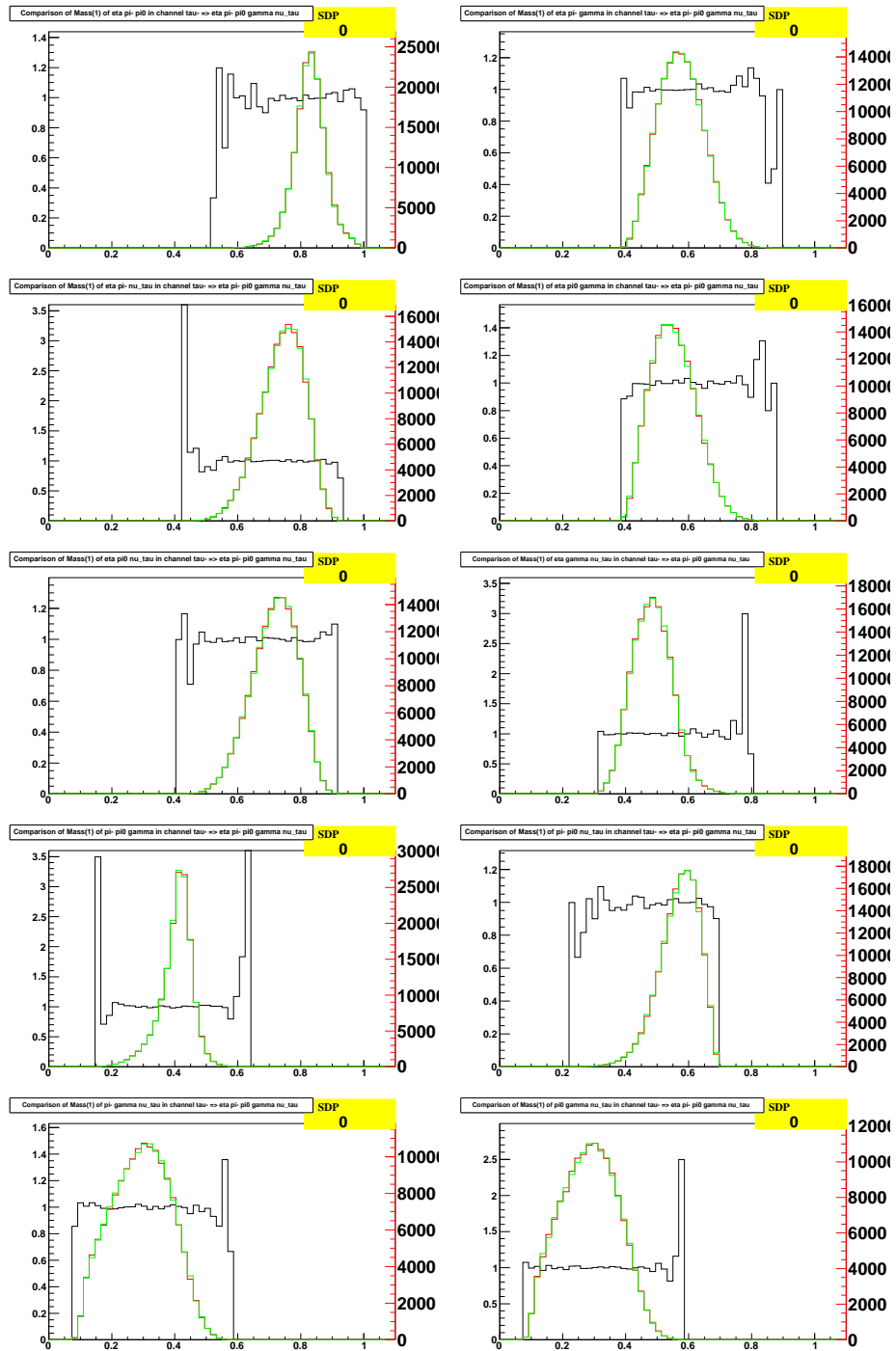


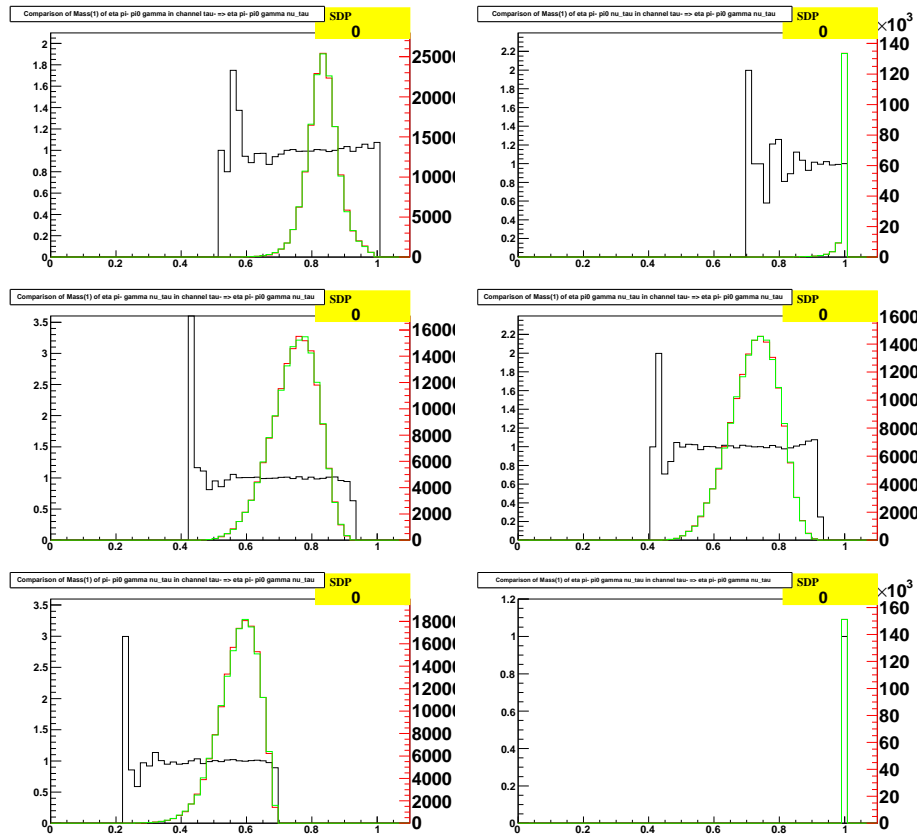
### 53 Decay Channel: $\tau^- \rightarrow \eta\pi^-\pi^0\gamma\nu_\tau$

Number of events from generator 1: 151180

Number of events from generator 2: 151005 (scaled to generator1)



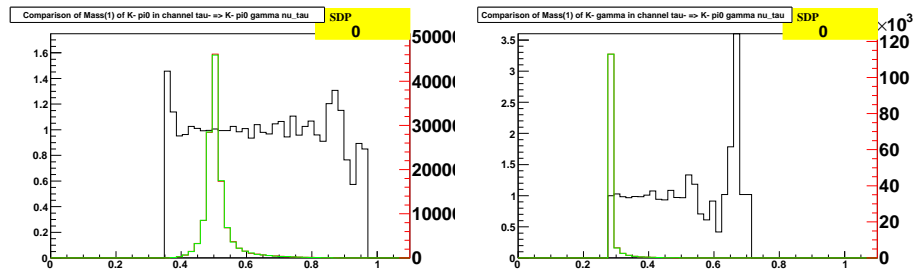


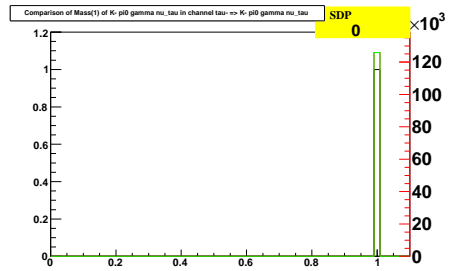
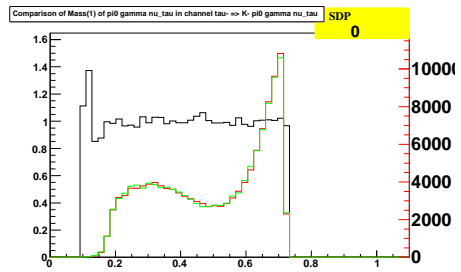
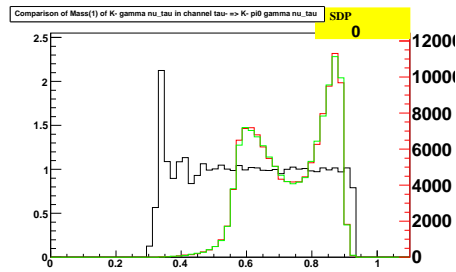
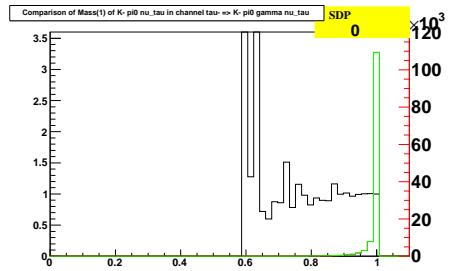
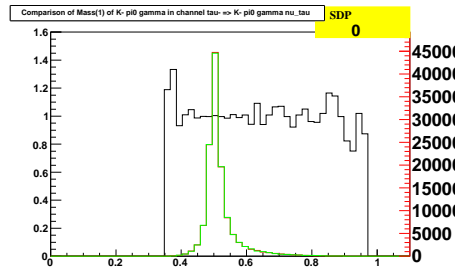
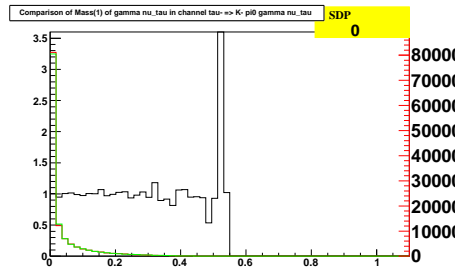
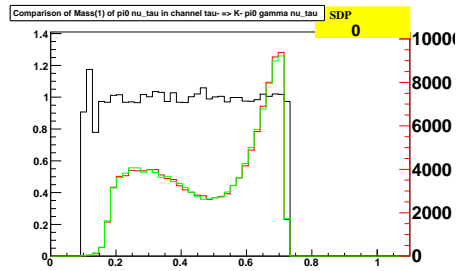
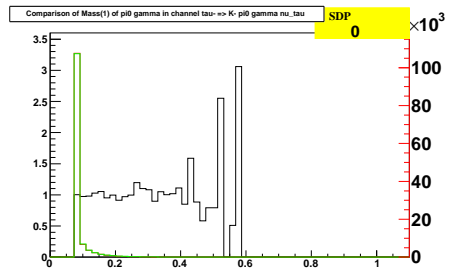
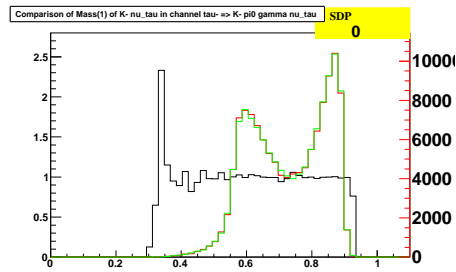


## 54 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 123452 (scaled to generator2)

Number of events from generator 2: 125907

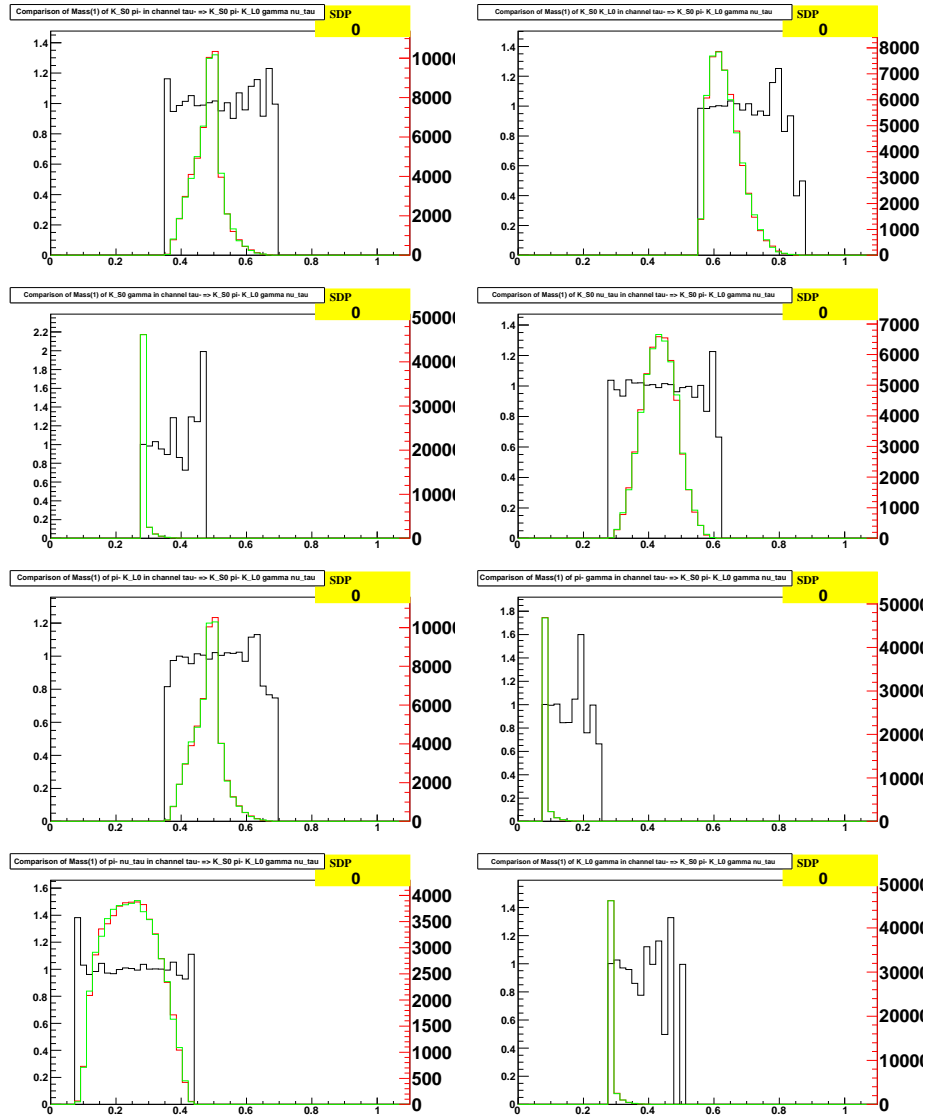




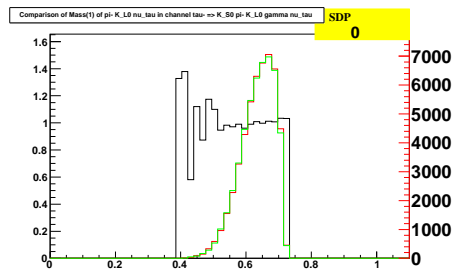
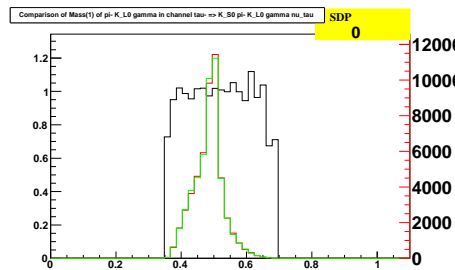
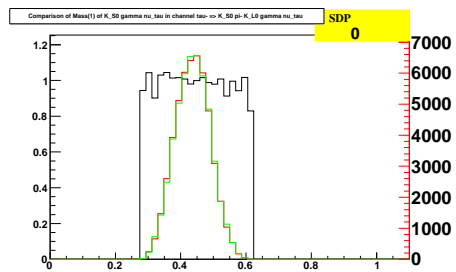
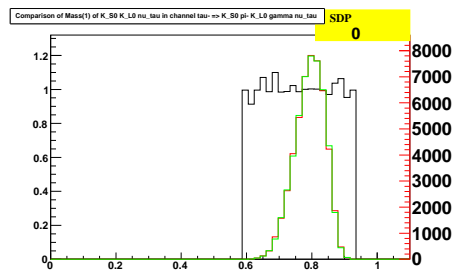
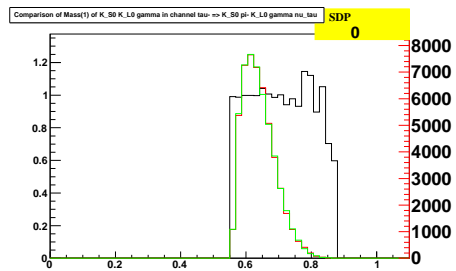
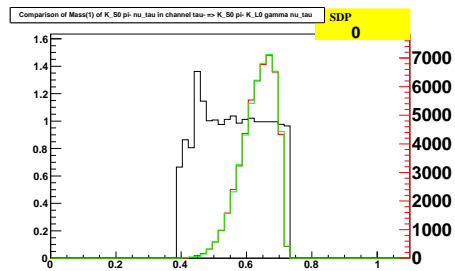
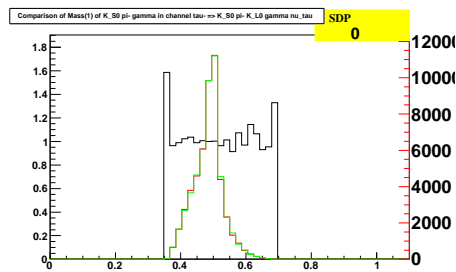
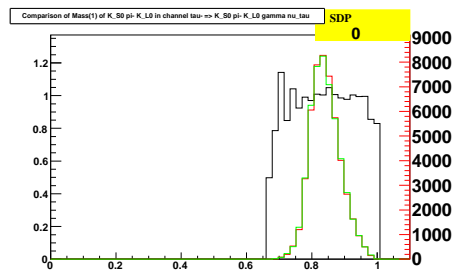
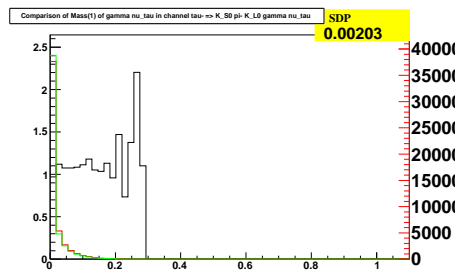
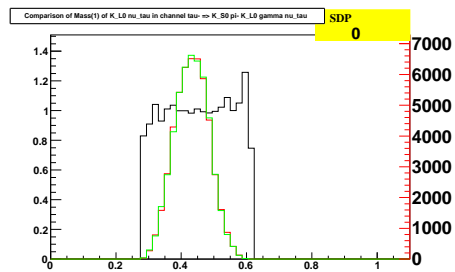
## 55 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- K_L^0 \gamma \nu_\tau$

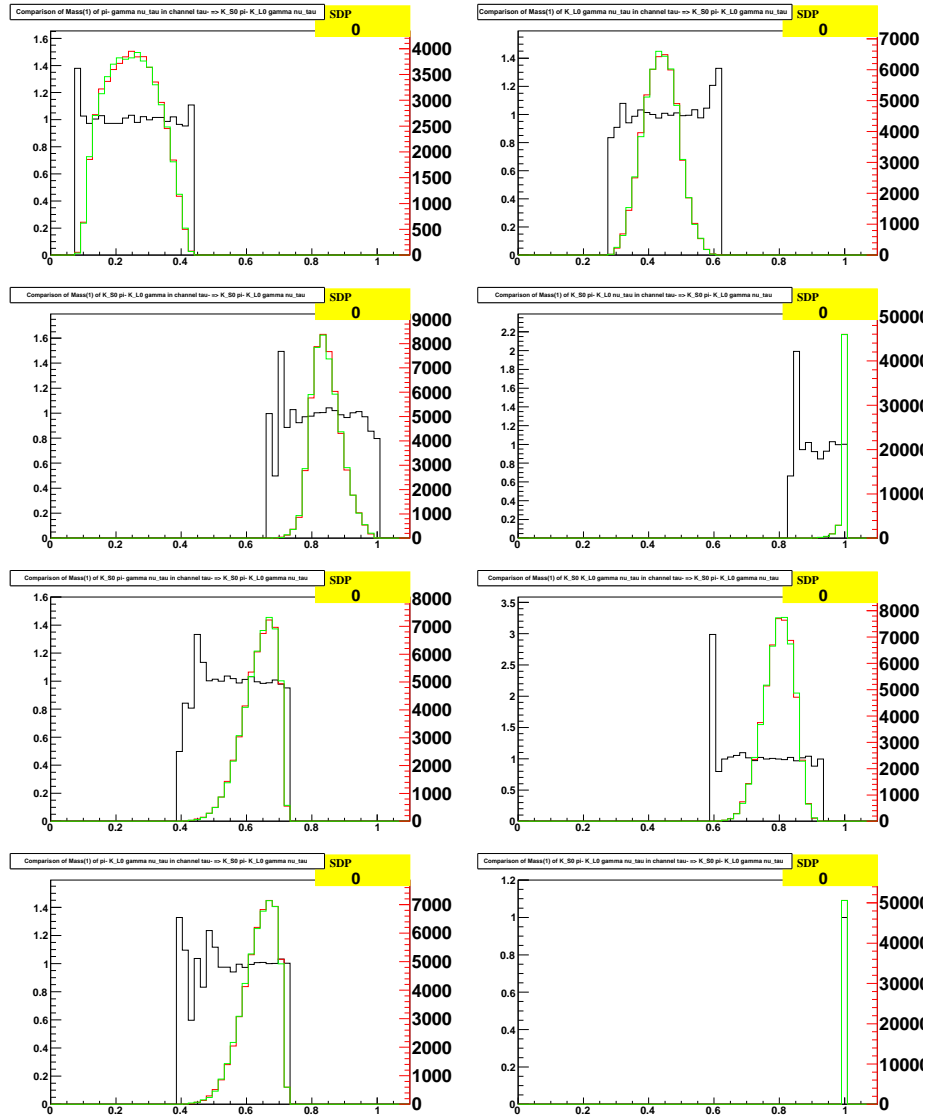
Number of events from generator 1: 50594

Number of events from generator 2: 50392 (scaled to generator1)





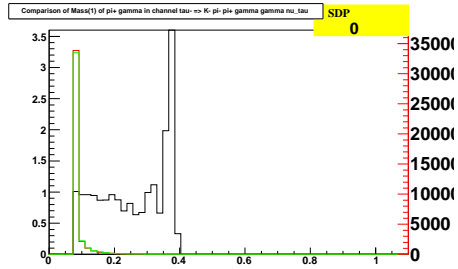
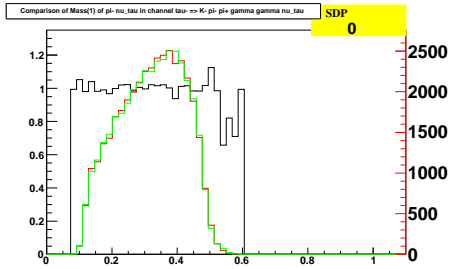
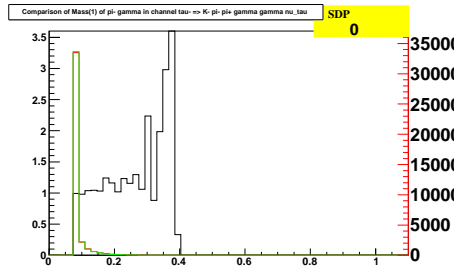
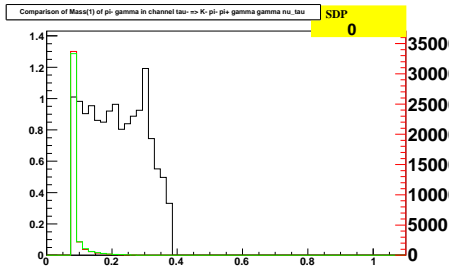
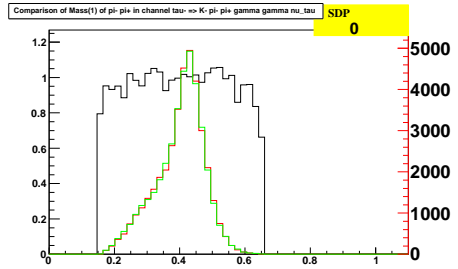
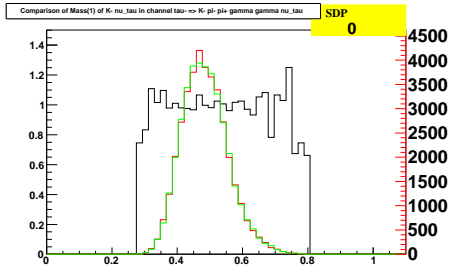
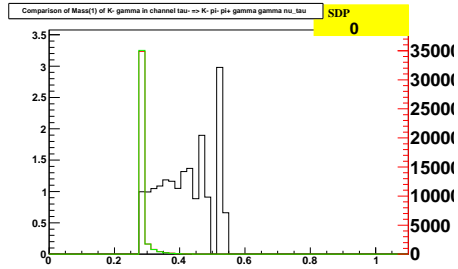
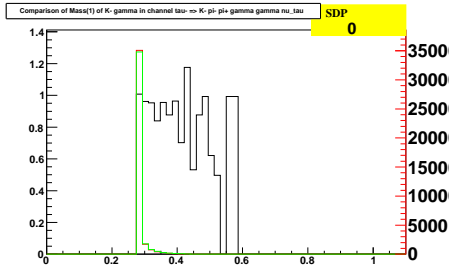
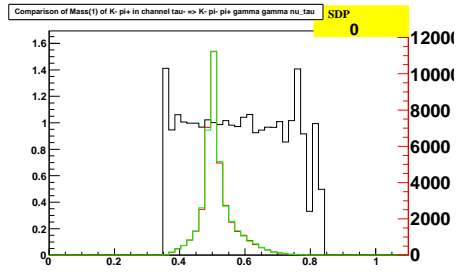
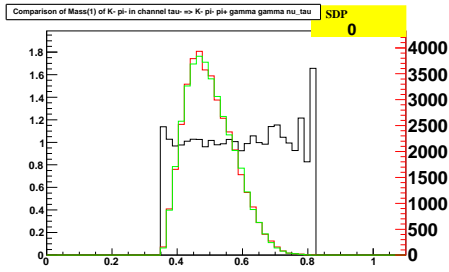


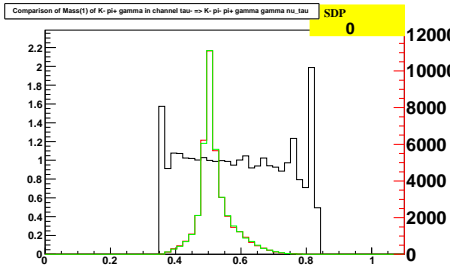
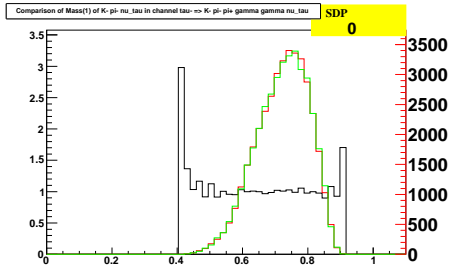
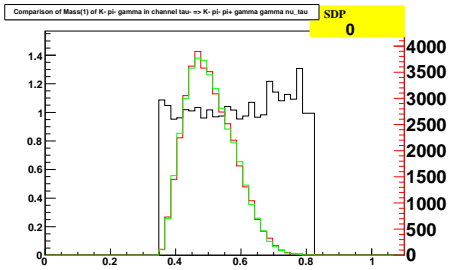
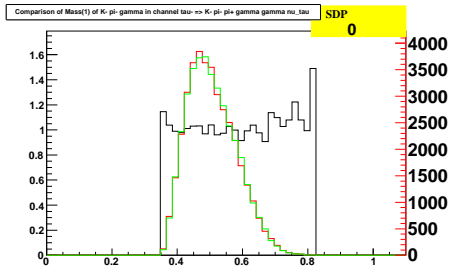
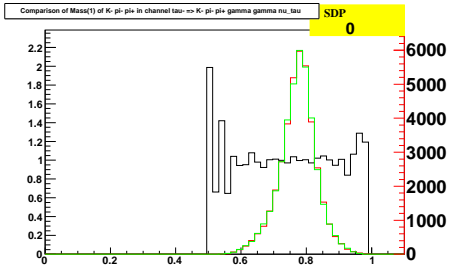
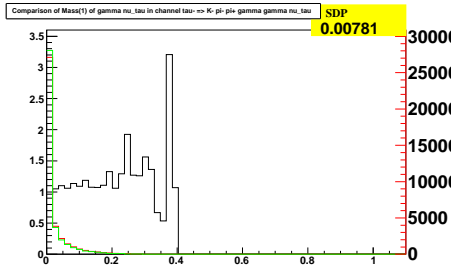
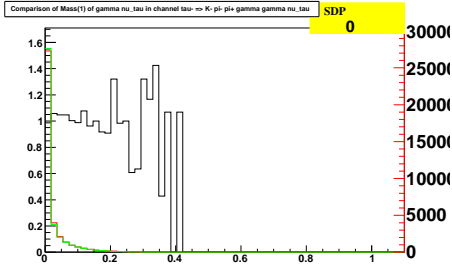
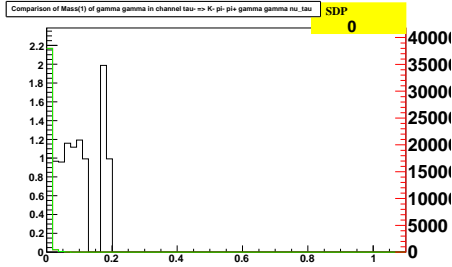
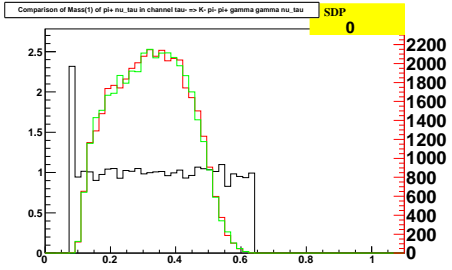
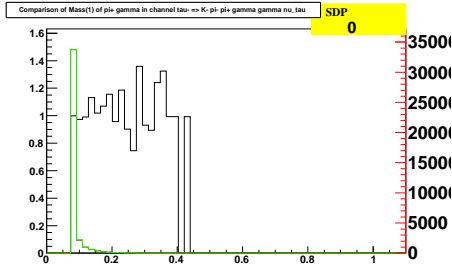


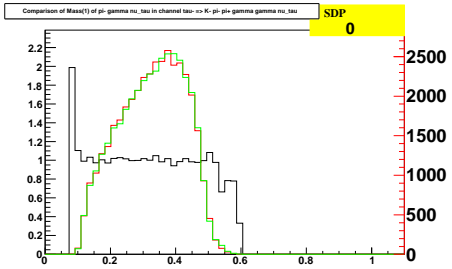
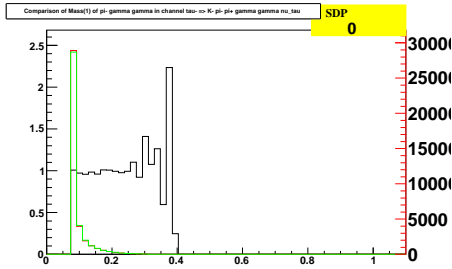
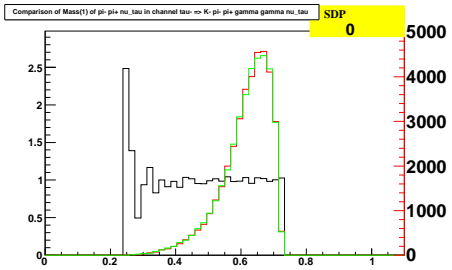
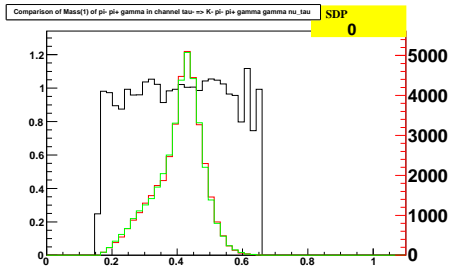
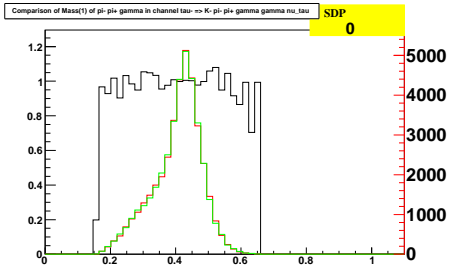
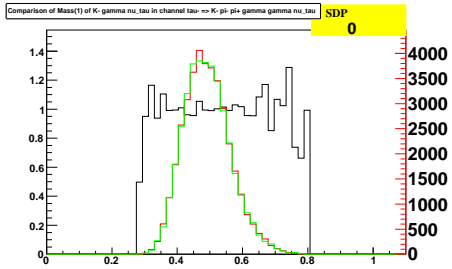
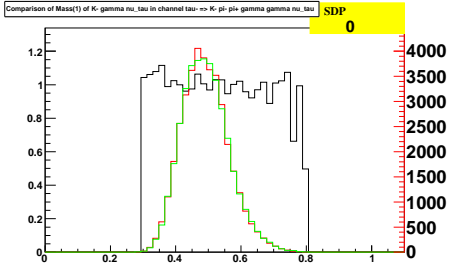
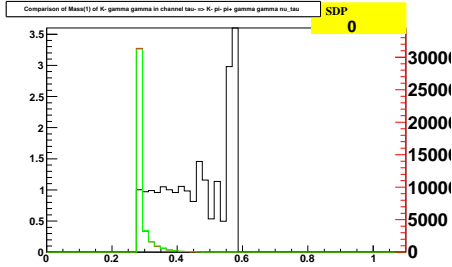
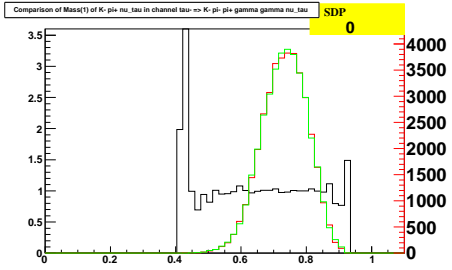
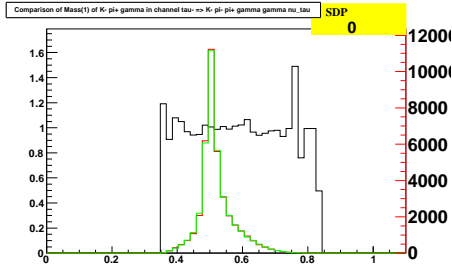
## 56 Decay Channel: $\tau^- \rightarrow K^- \pi^- \pi^+ \gamma \nu_\tau$

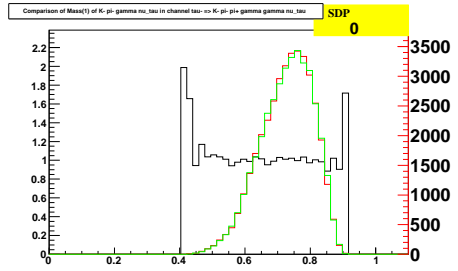
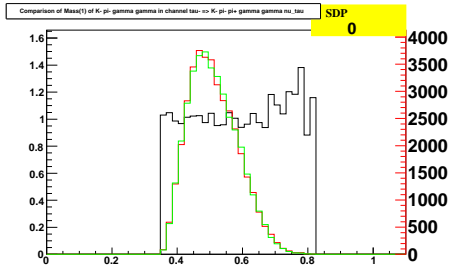
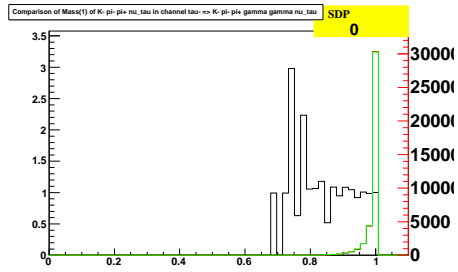
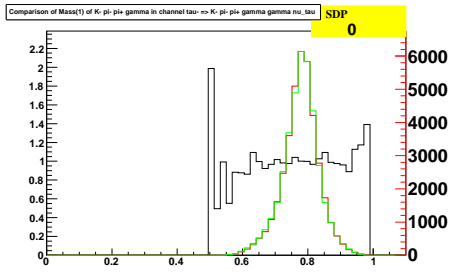
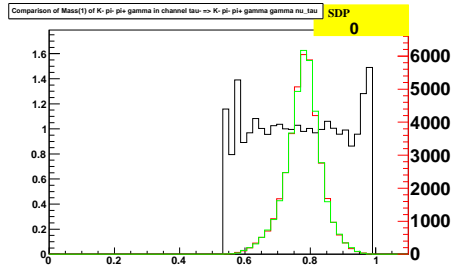
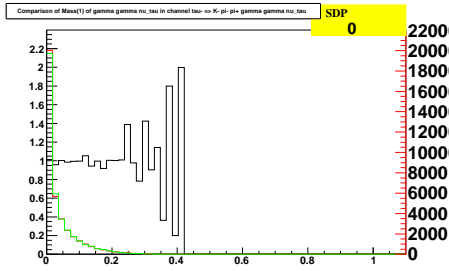
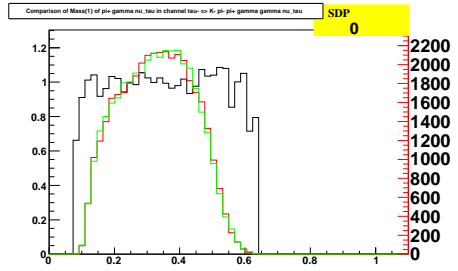
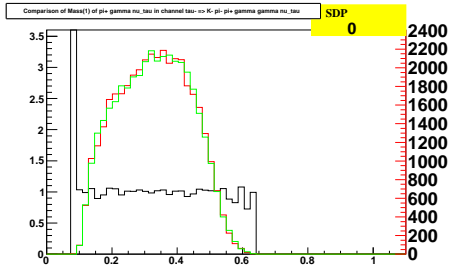
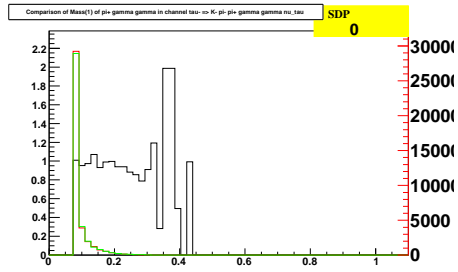
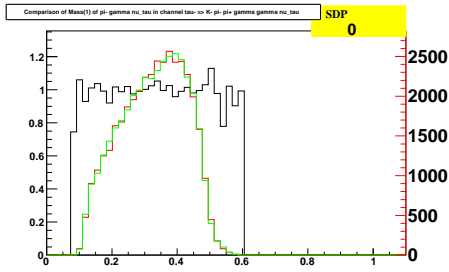
Number of events from generator 1: 38674

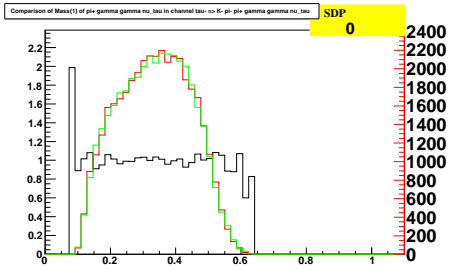
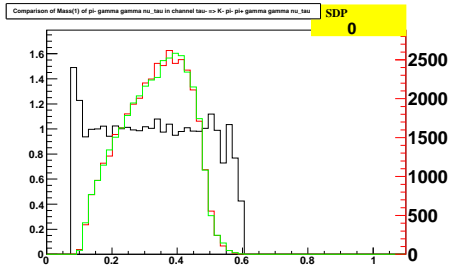
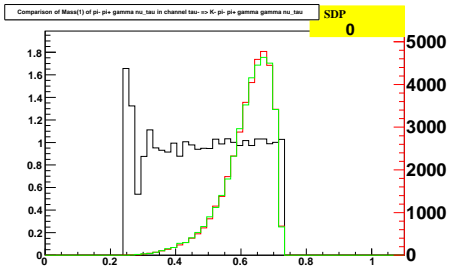
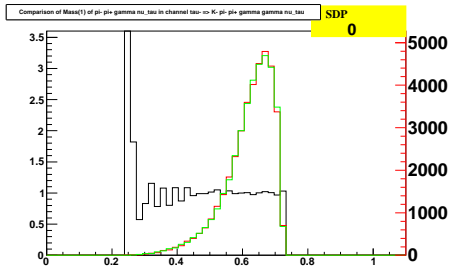
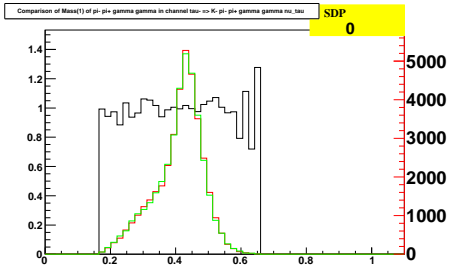
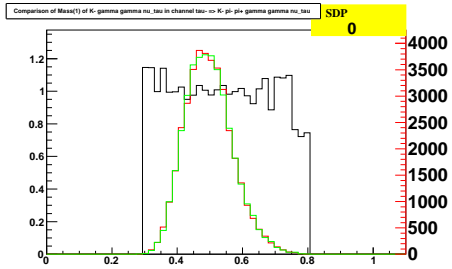
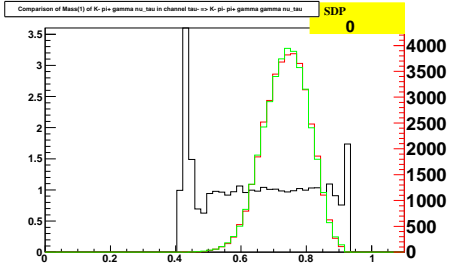
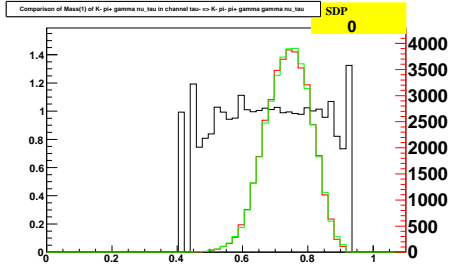
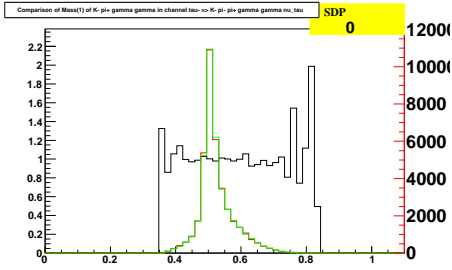
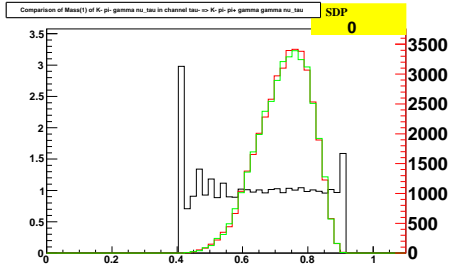
Number of events from generator 2: 38417 (scaled to generator1)

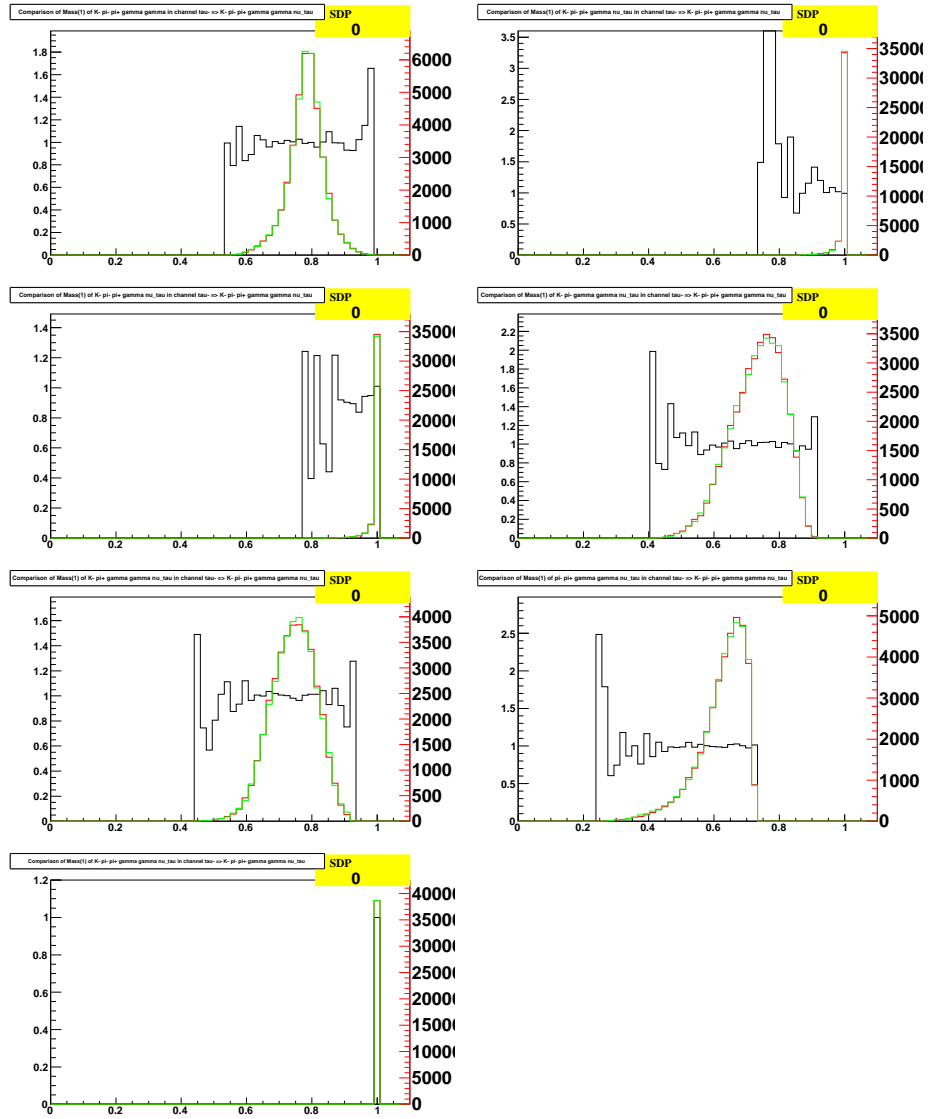










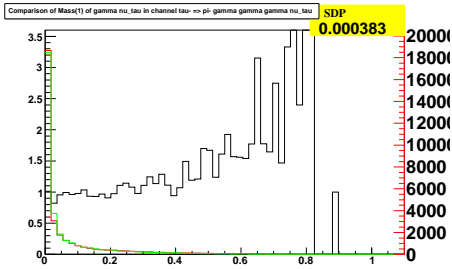
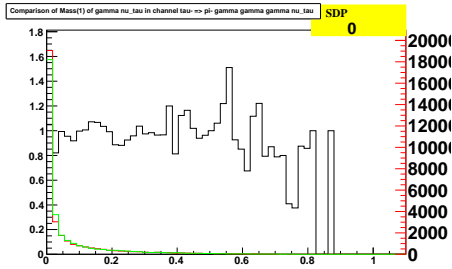
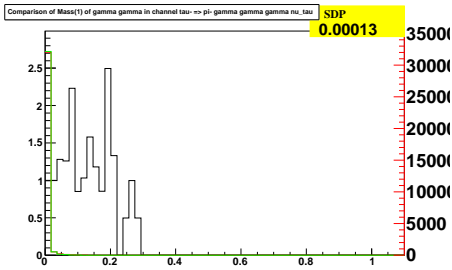
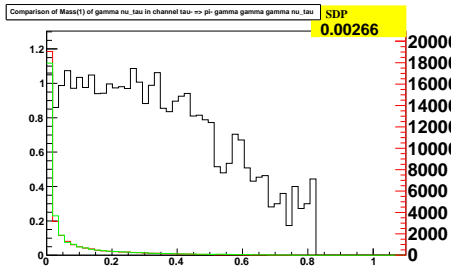
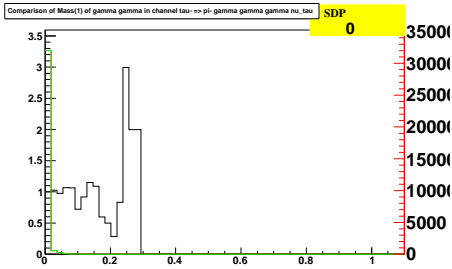
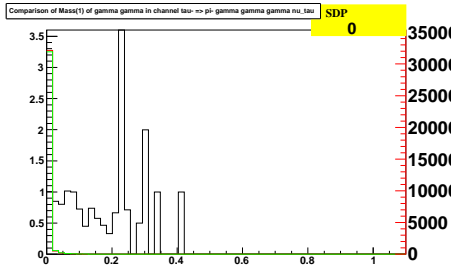
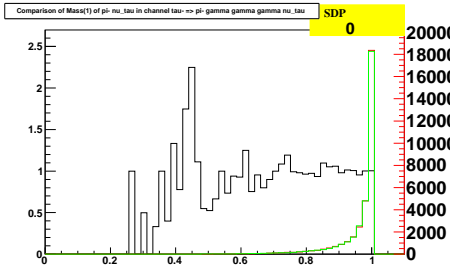
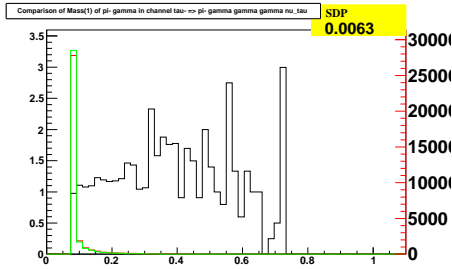
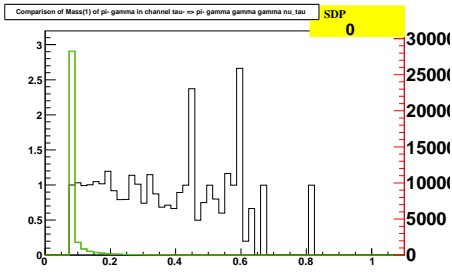
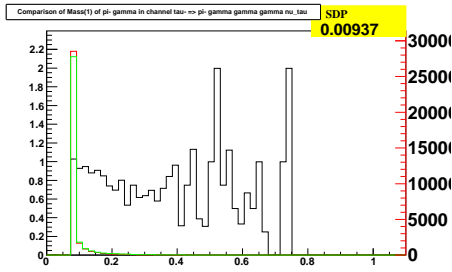


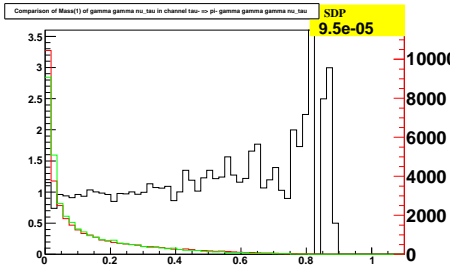
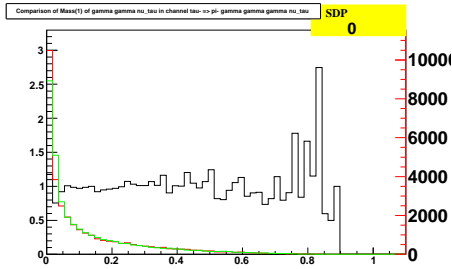
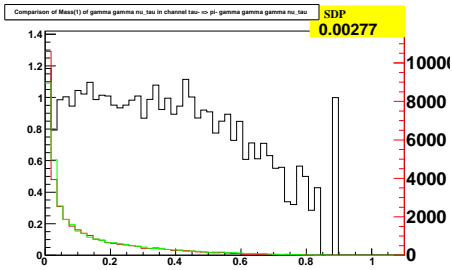
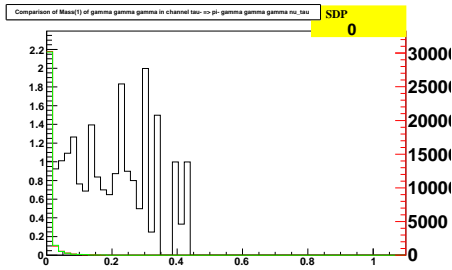
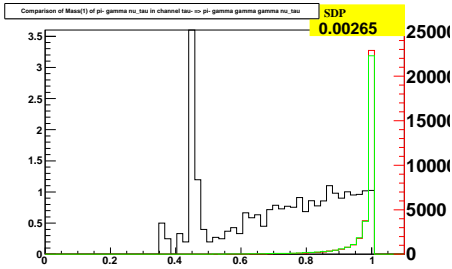
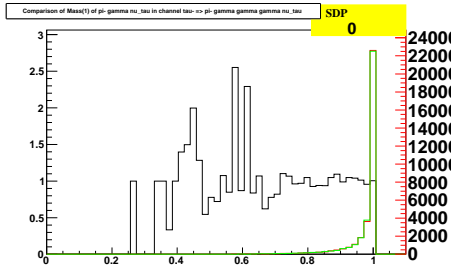
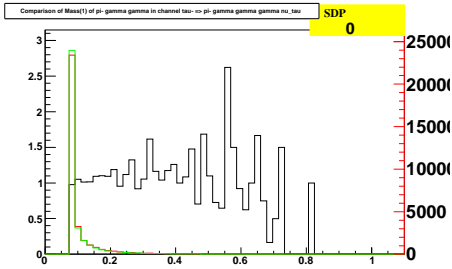
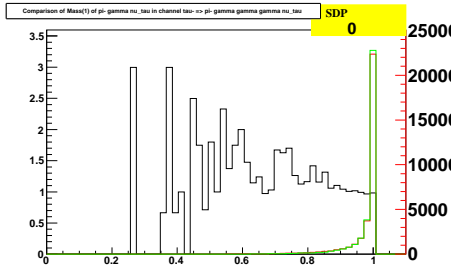
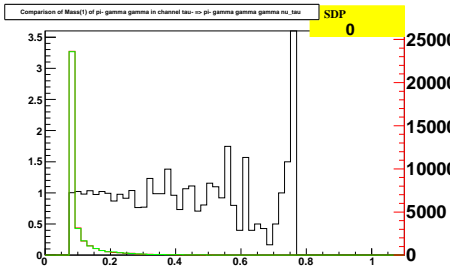
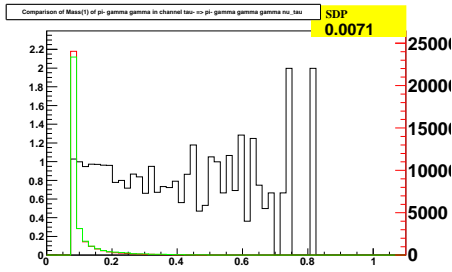
## 57 Decay Channel: $\tau^- \rightarrow \pi^- \gamma \gamma \nu_\tau$

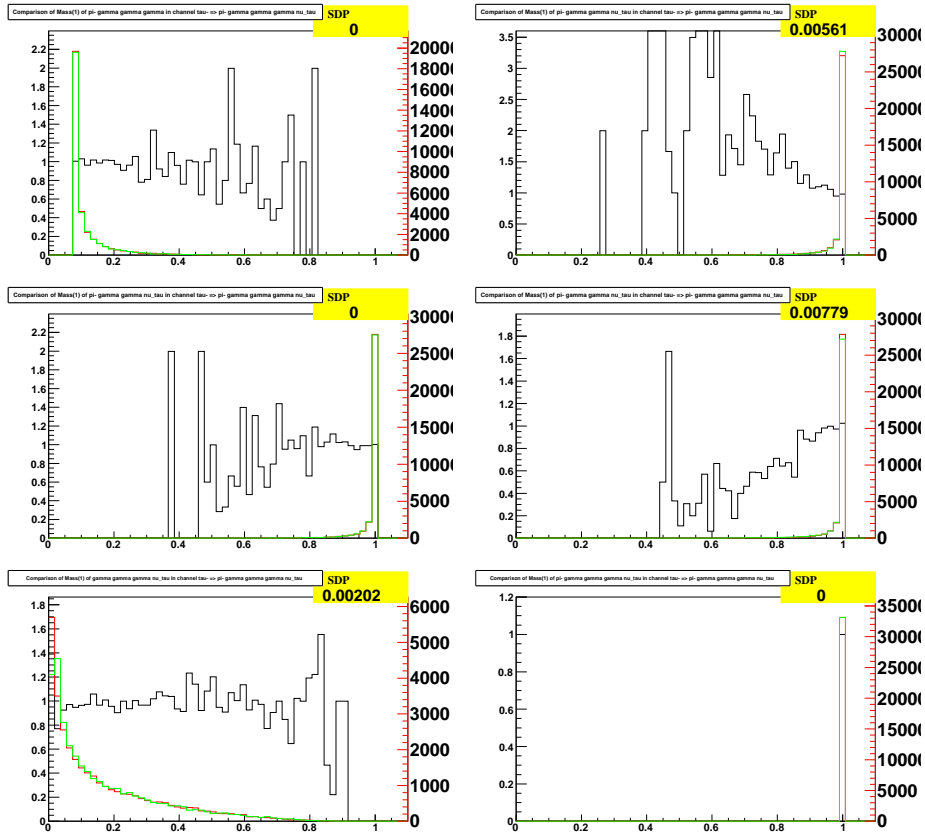
Number of events from generator 1: 33130

Number of events from generator 2: 33086 (scaled to generator 1)





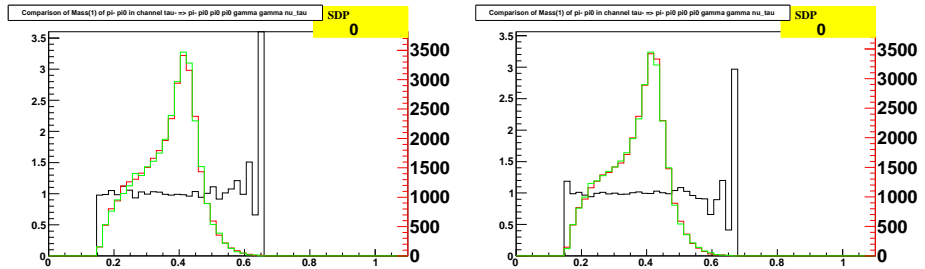


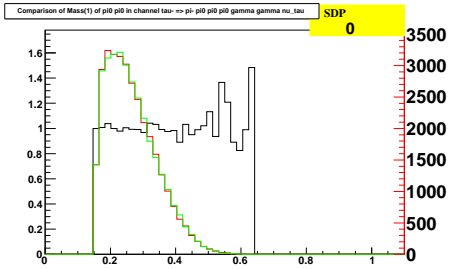
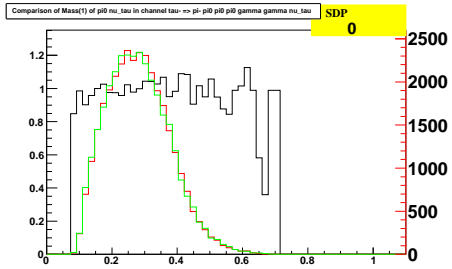
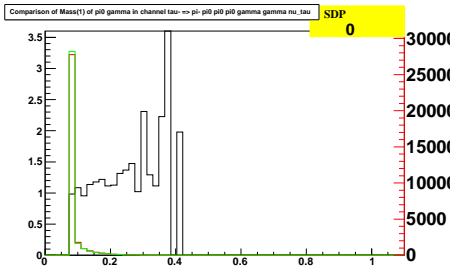
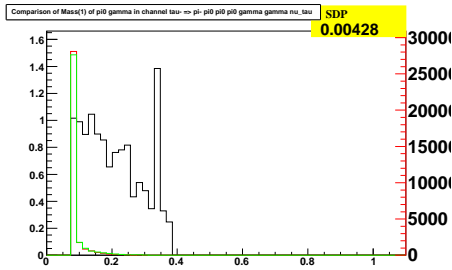
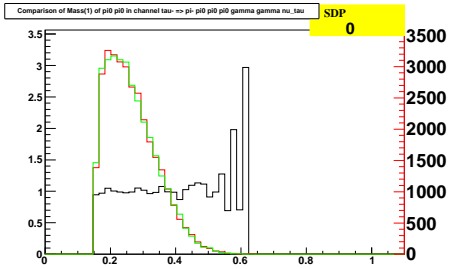
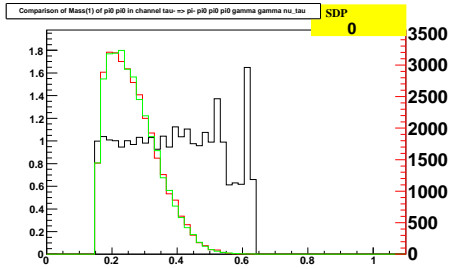
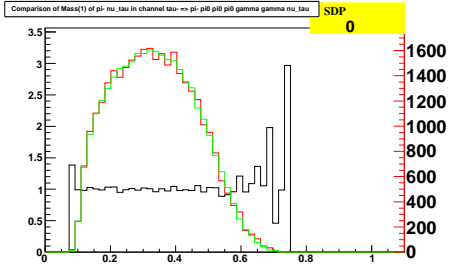
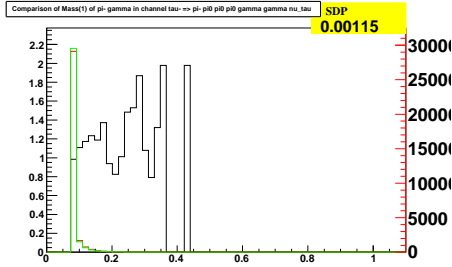
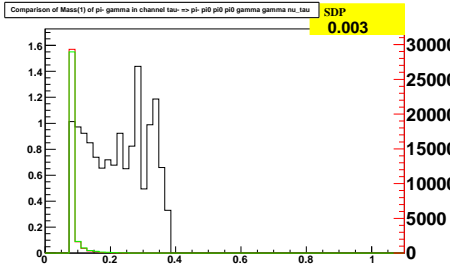
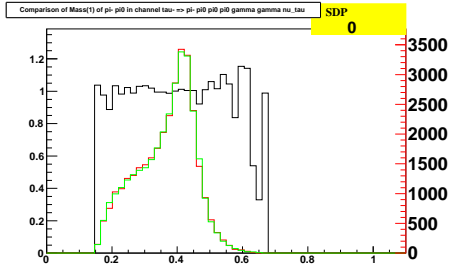


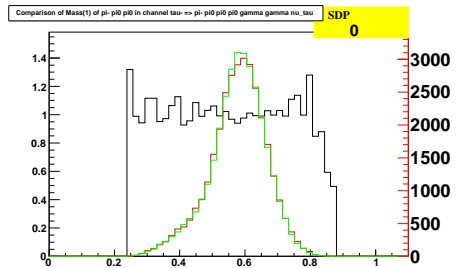
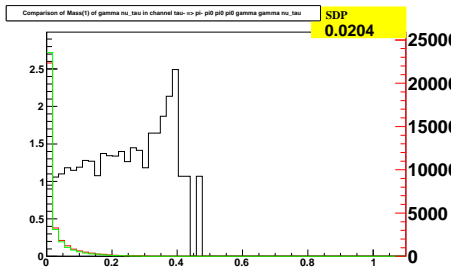
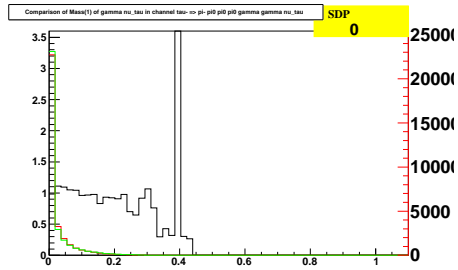
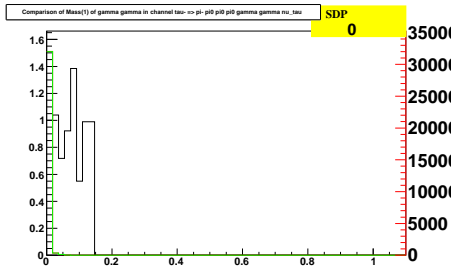
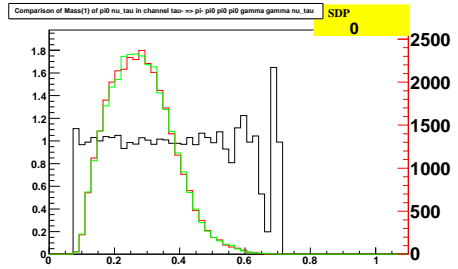
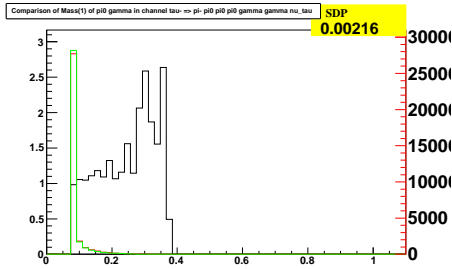
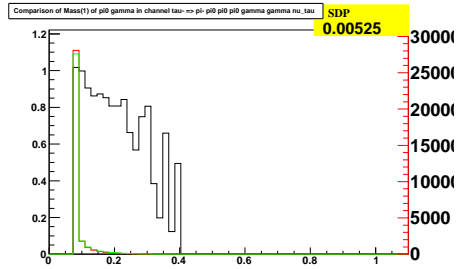
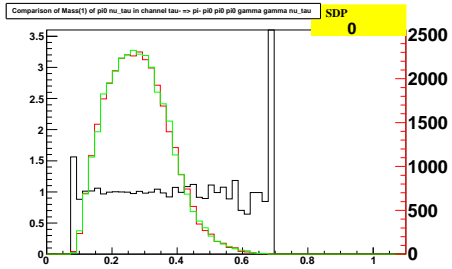
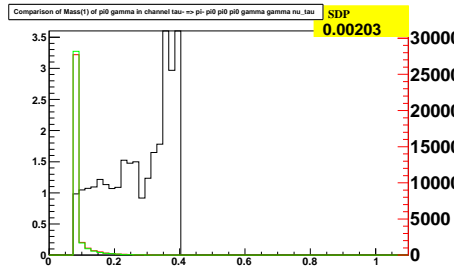
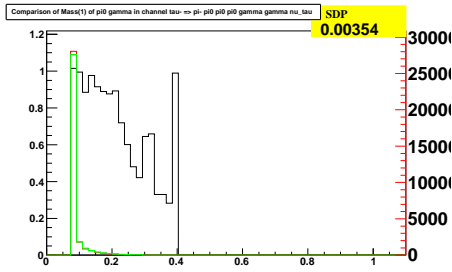
## 58 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \pi^0 \gamma \nu_\tau$

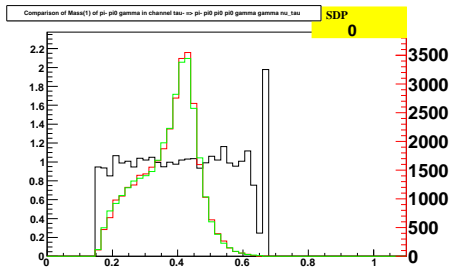
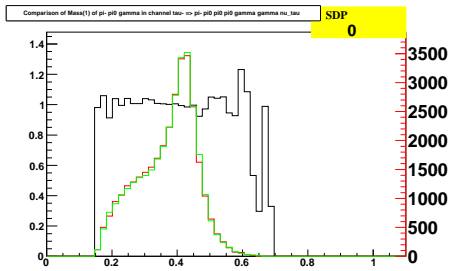
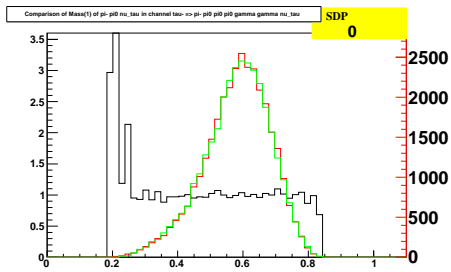
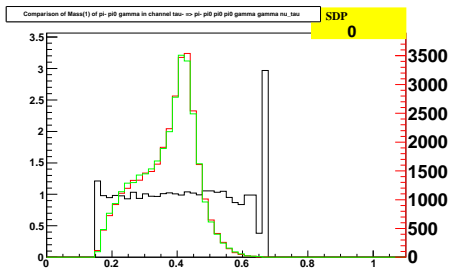
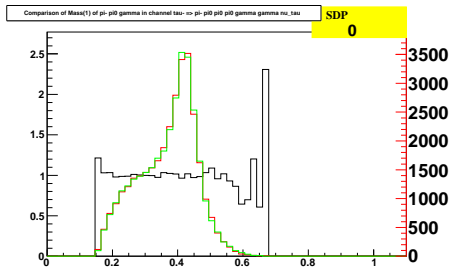
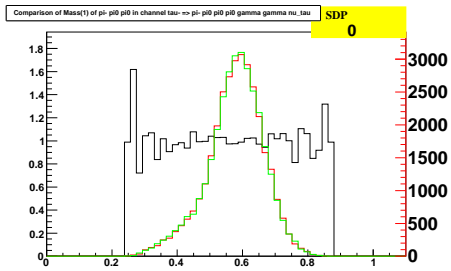
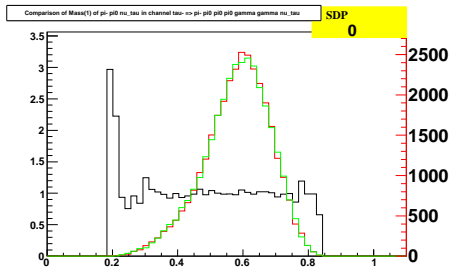
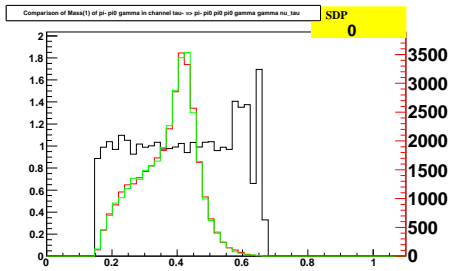
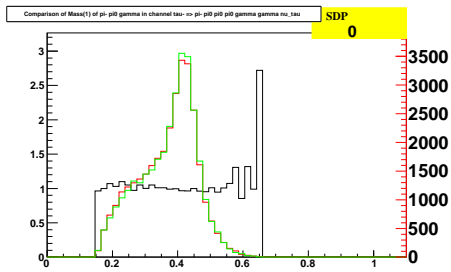
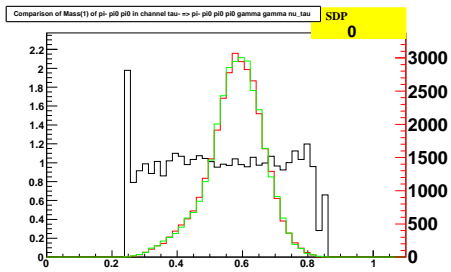
Number of events from generator 1: 32561

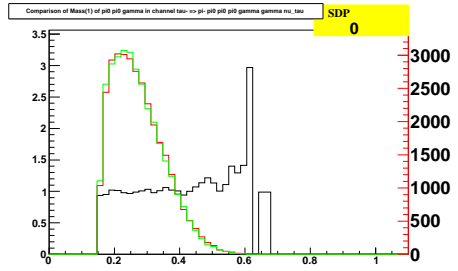
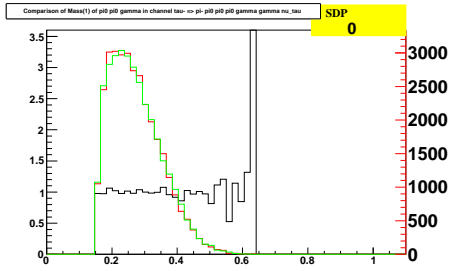
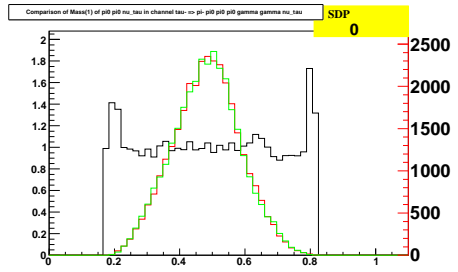
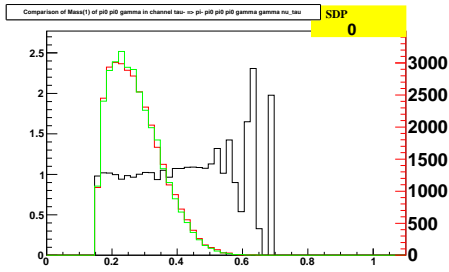
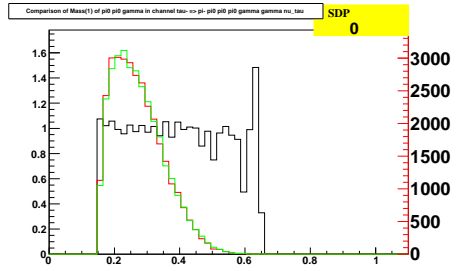
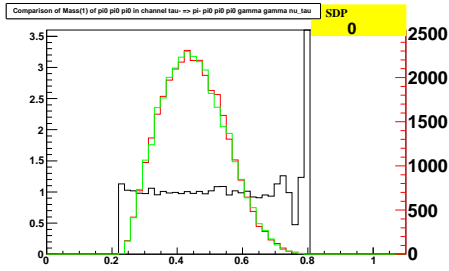
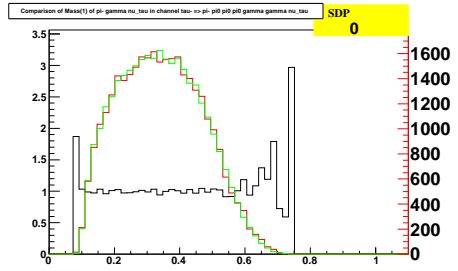
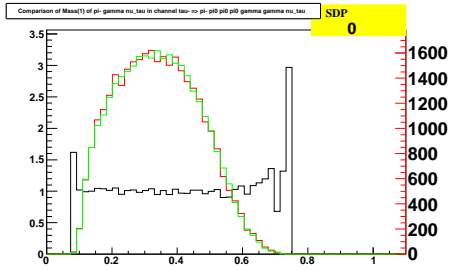
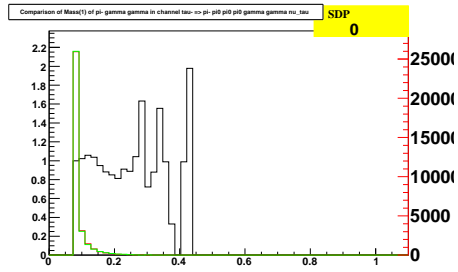
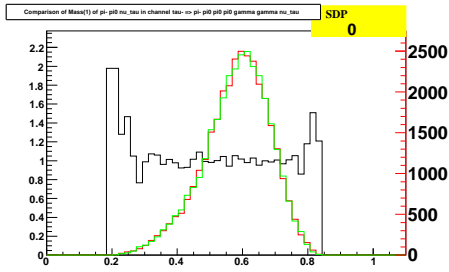
Number of events from generator 2: 32210 (scaled to generator1)





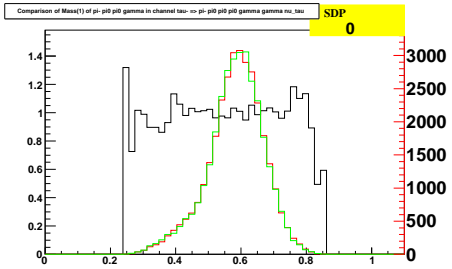
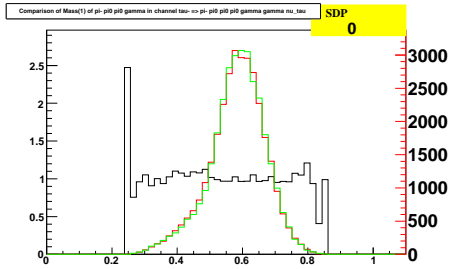
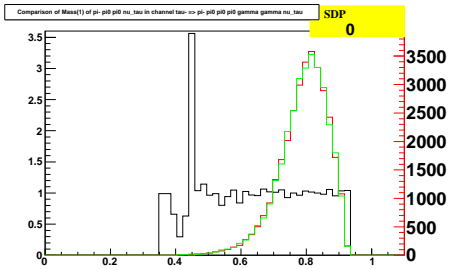
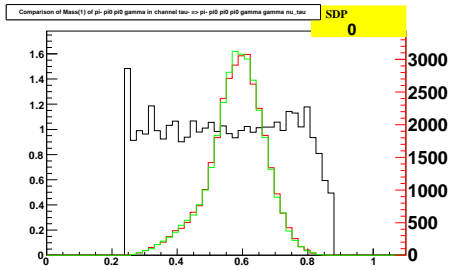
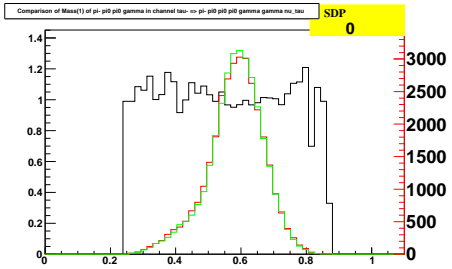
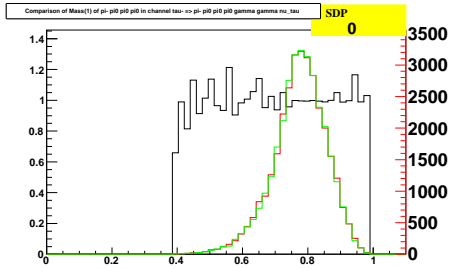
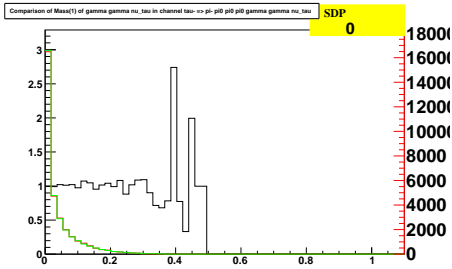
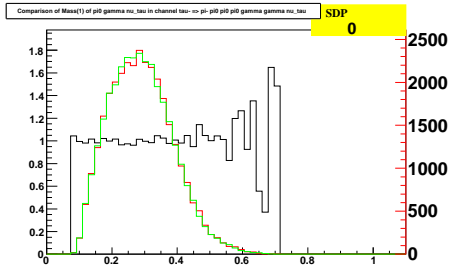
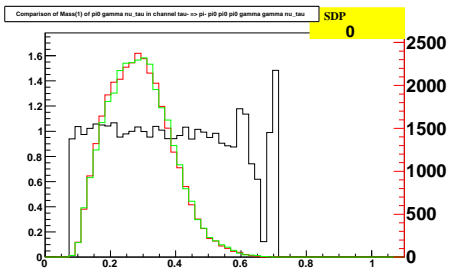
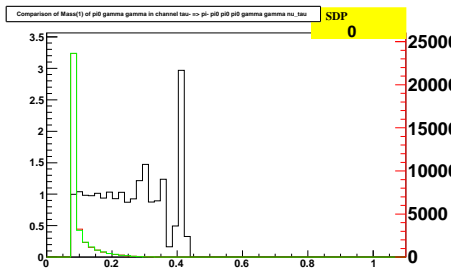




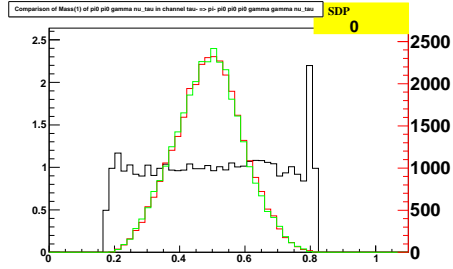
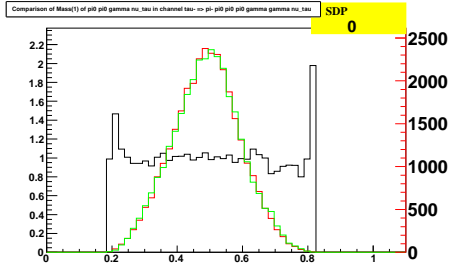
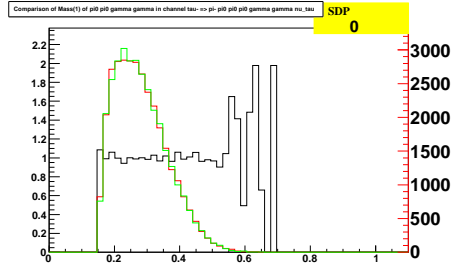
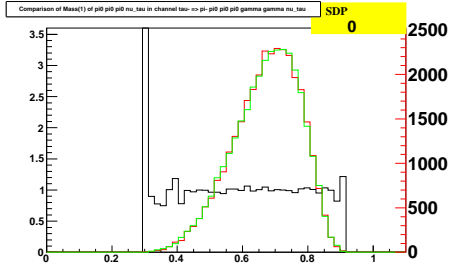
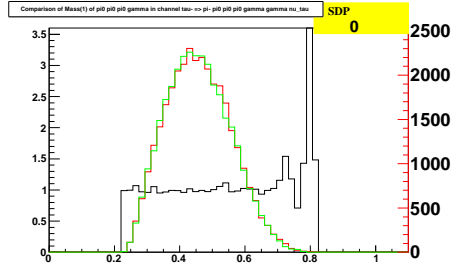
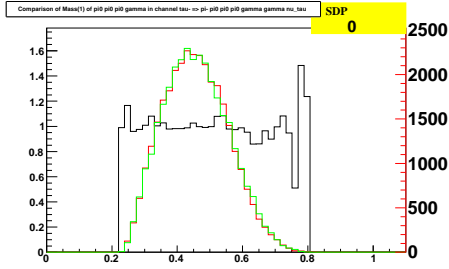
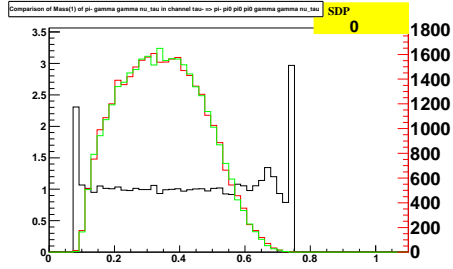
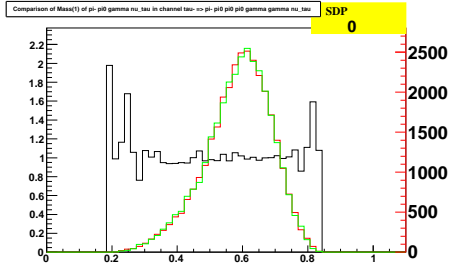
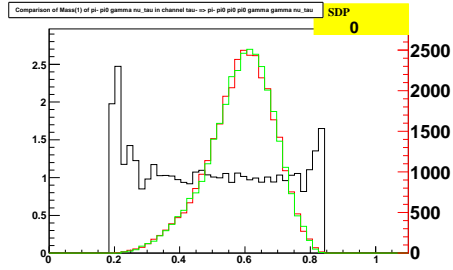
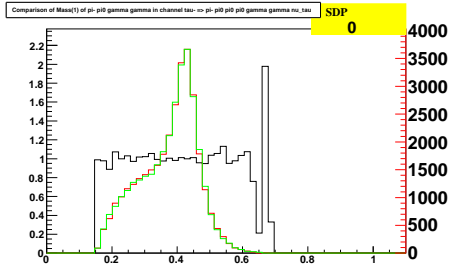


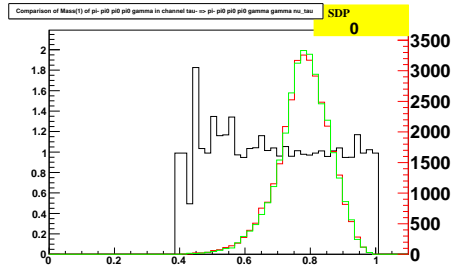
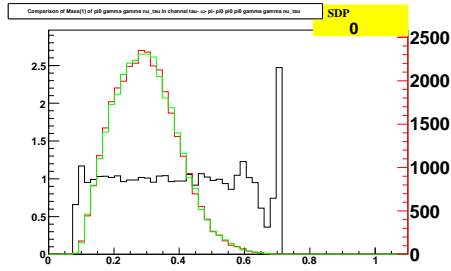
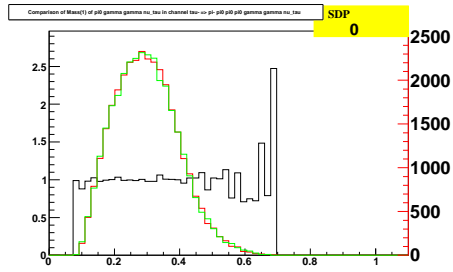
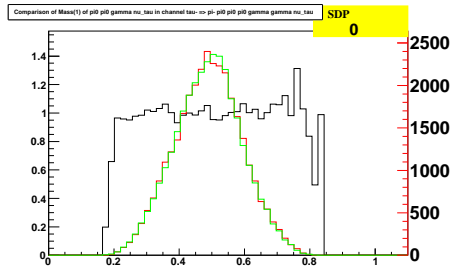
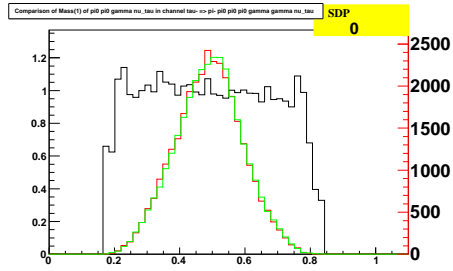
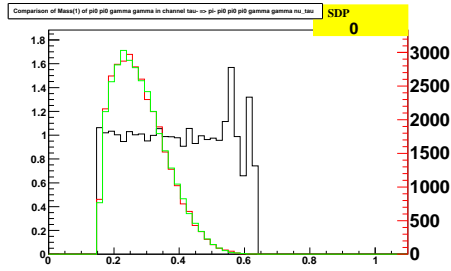
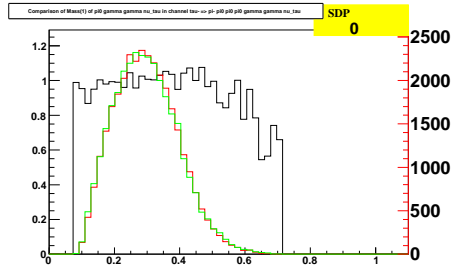
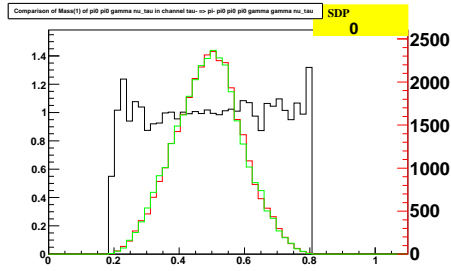
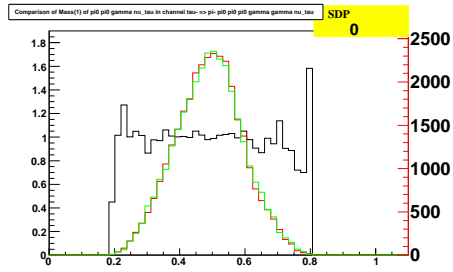
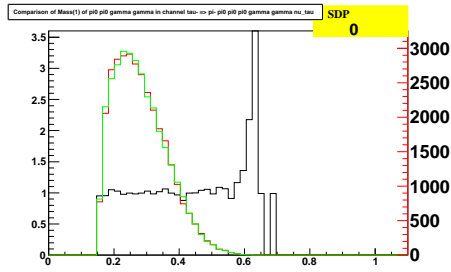


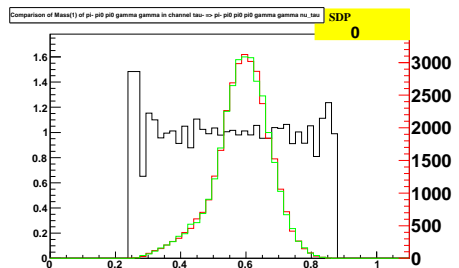
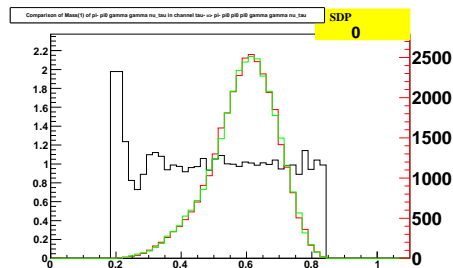
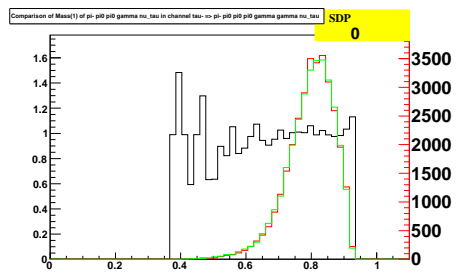
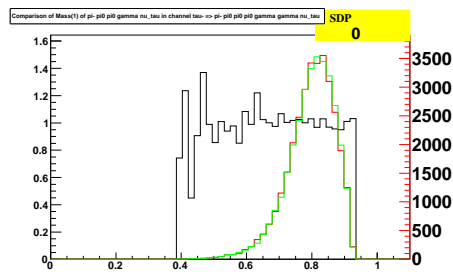
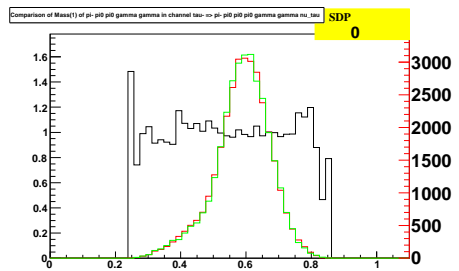
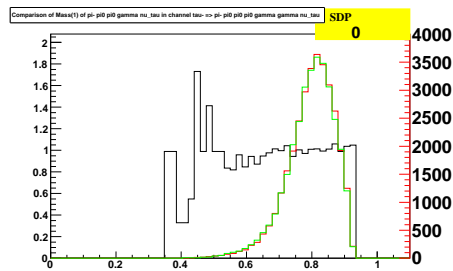
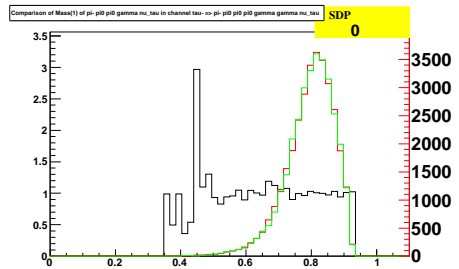
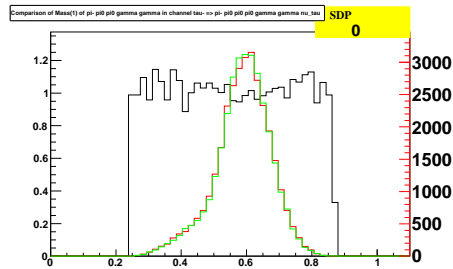
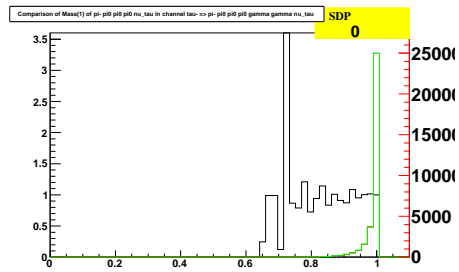
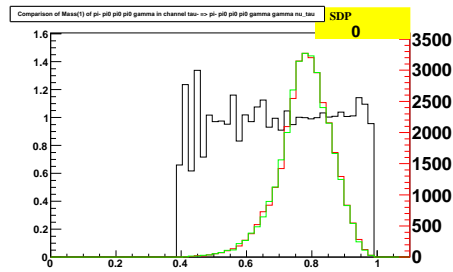


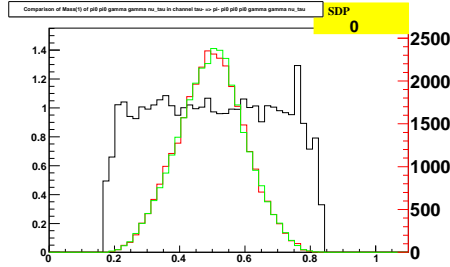
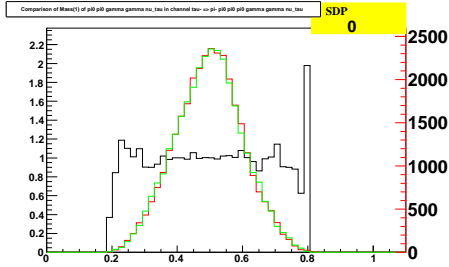
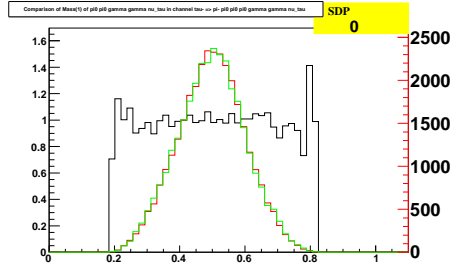
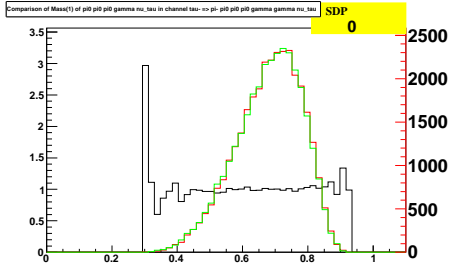
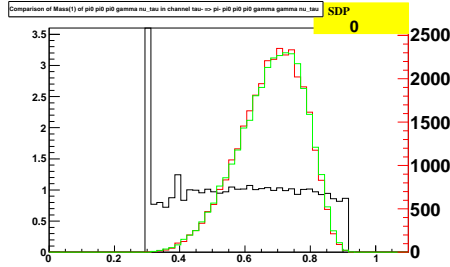
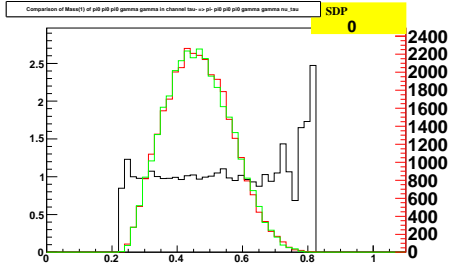
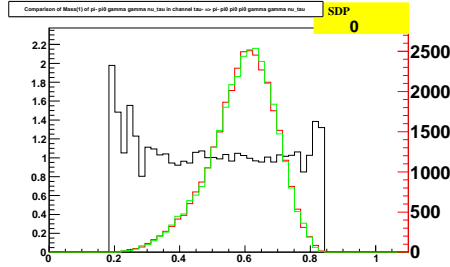
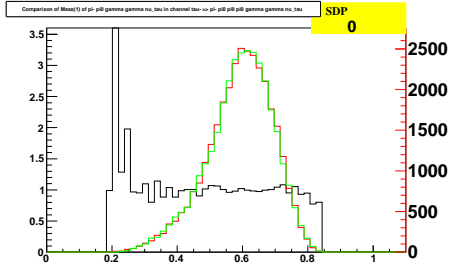
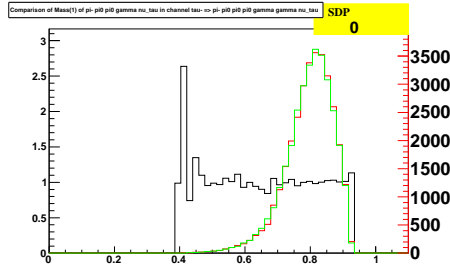
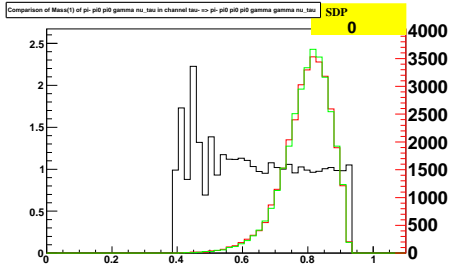


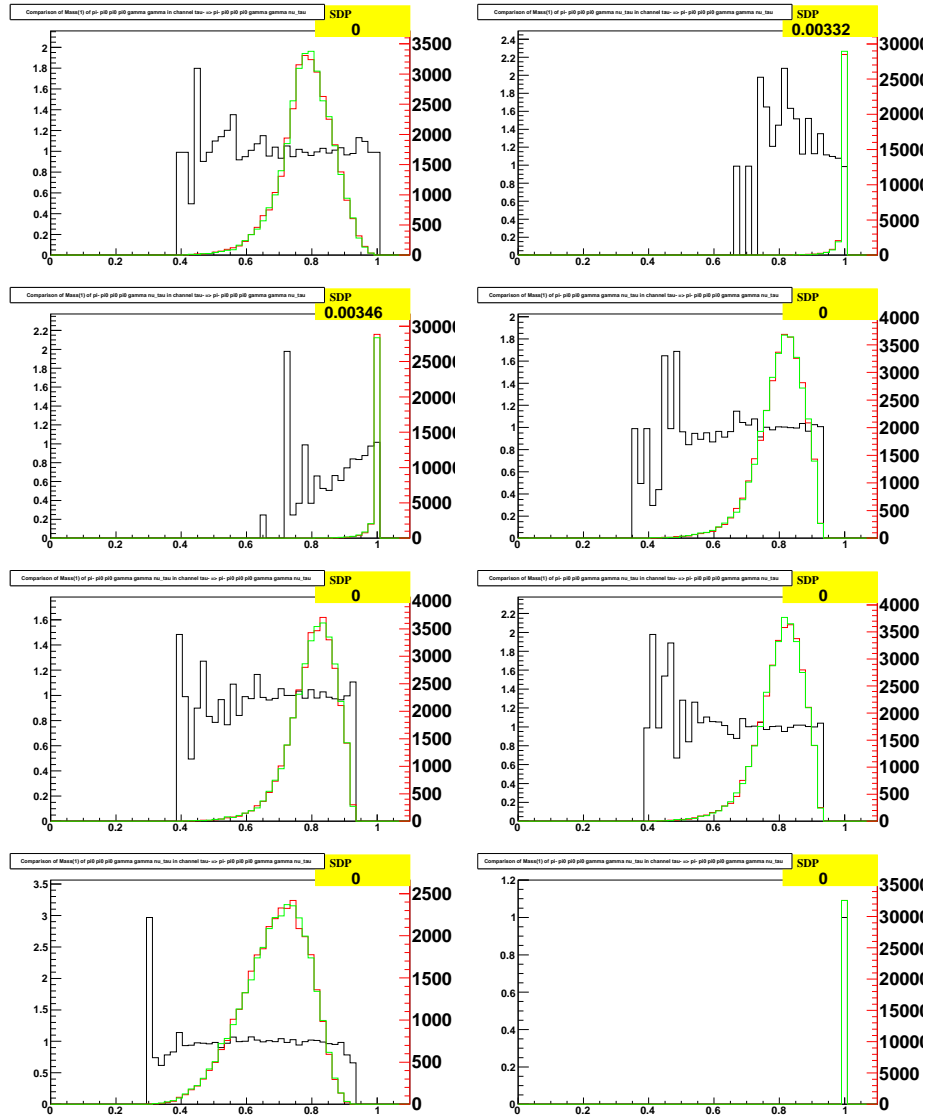








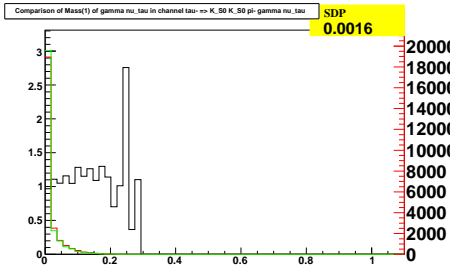
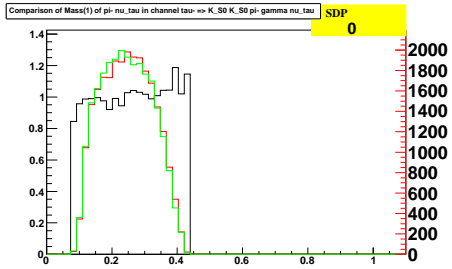
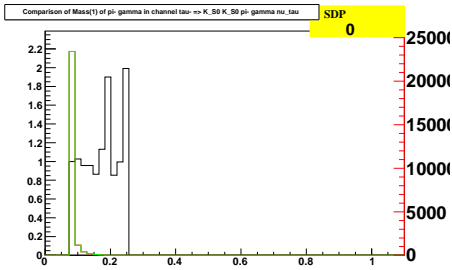
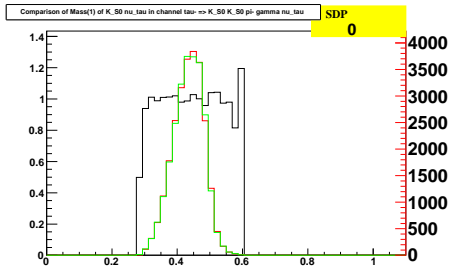
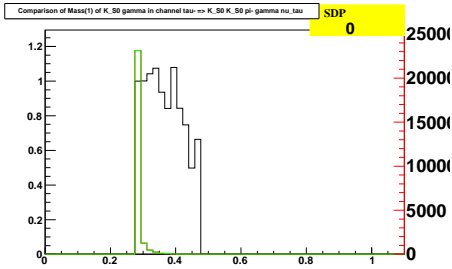
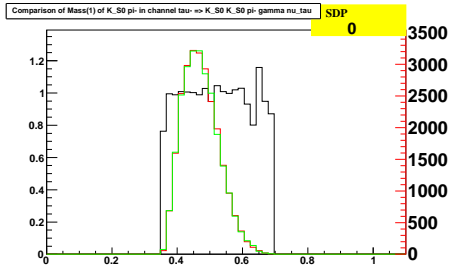
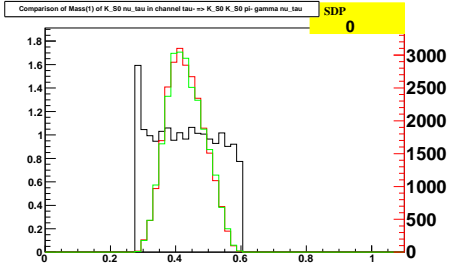
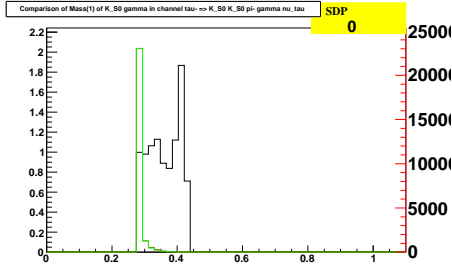
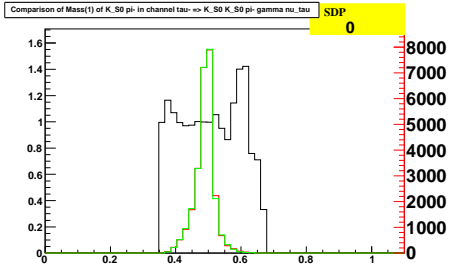
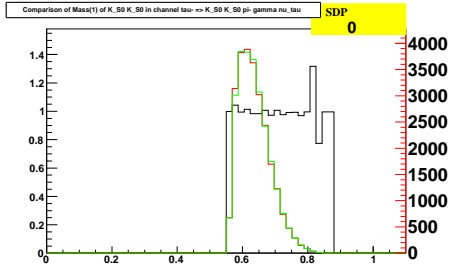




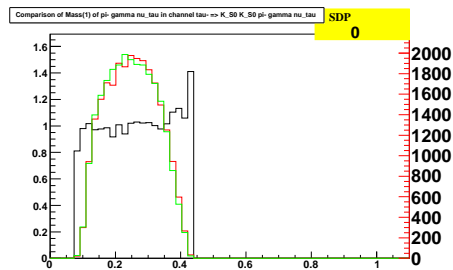
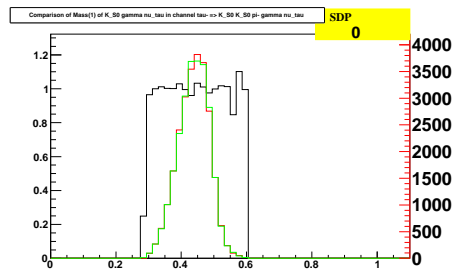
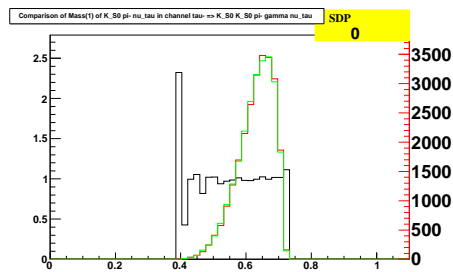
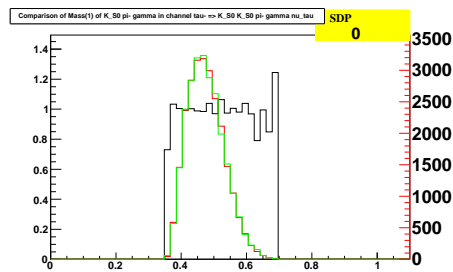
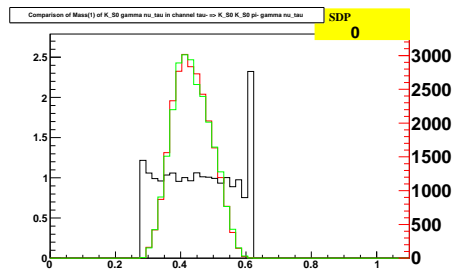
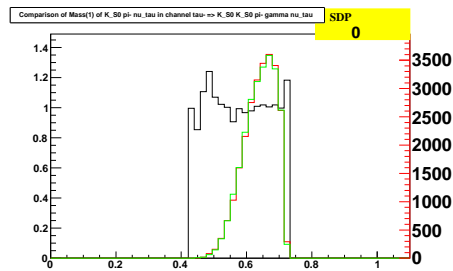
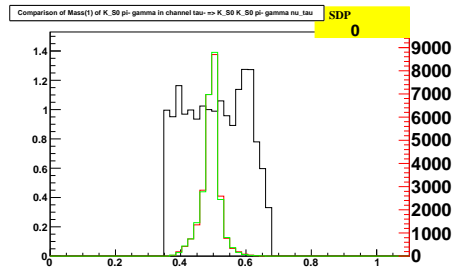
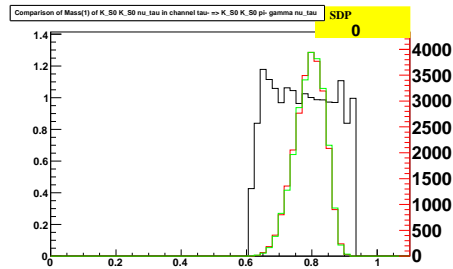
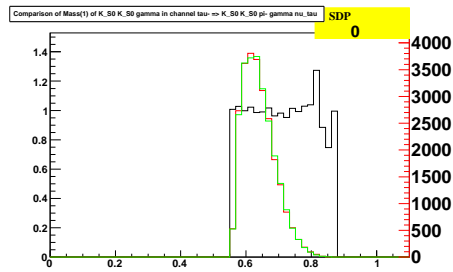
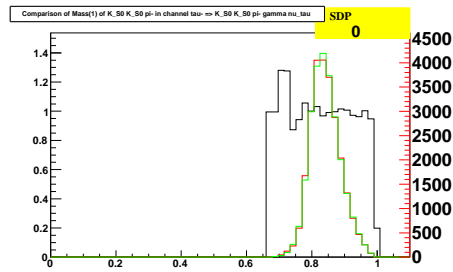
## 59 Decay Channel: $\tau^- \rightarrow K_S^0 K_S^0 \pi^- \gamma \nu_\tau$

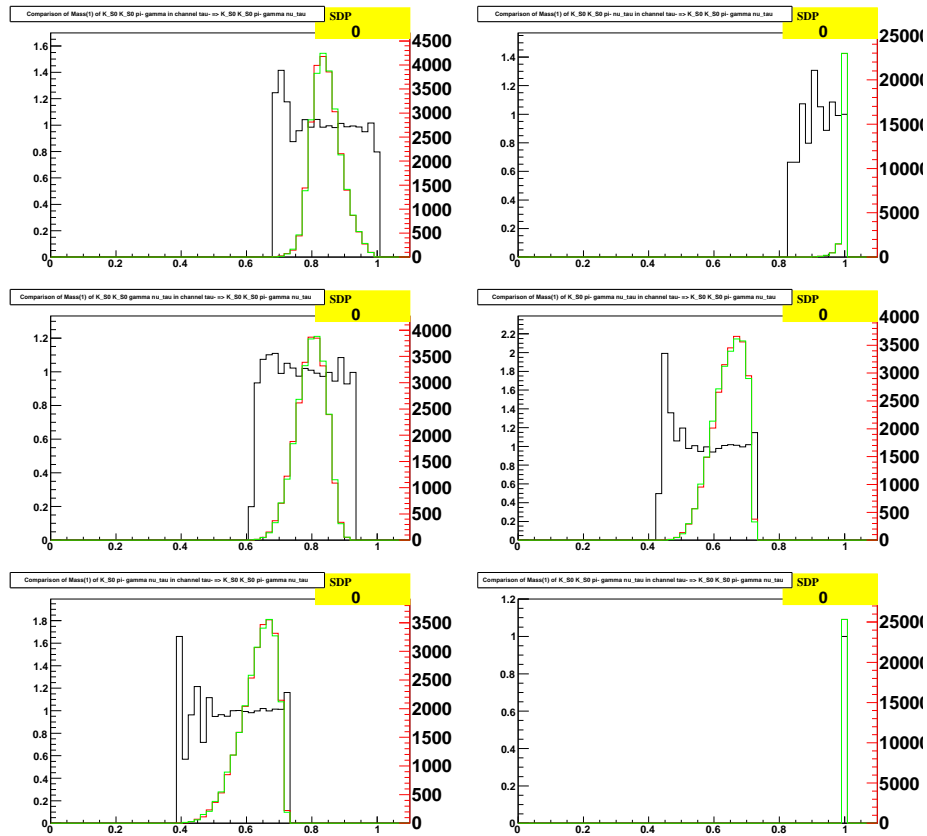
Number of events from generator 1: 25325

Number of events from generator 2: 25220 (scaled to generator 1)





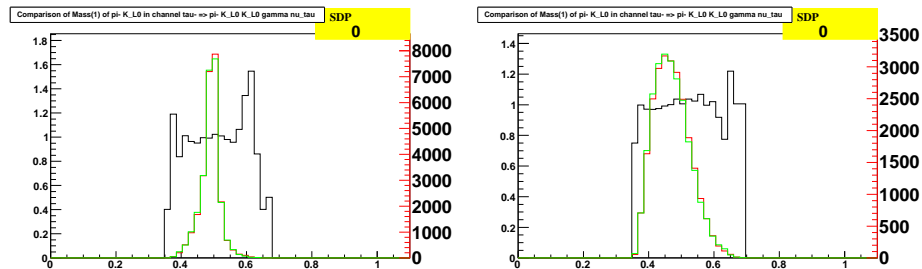


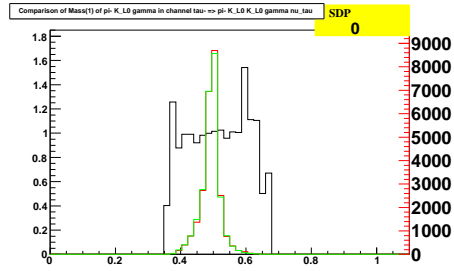
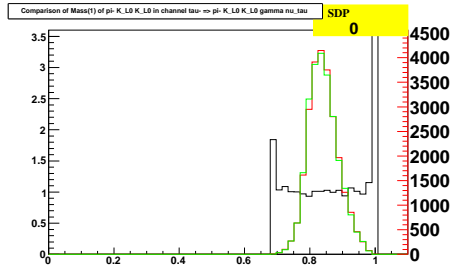
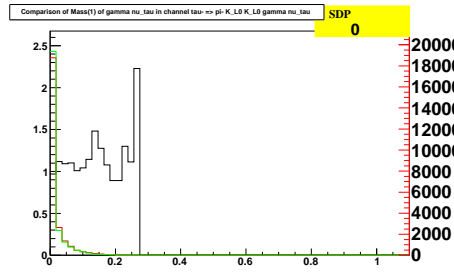
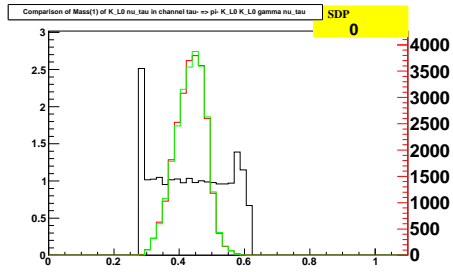
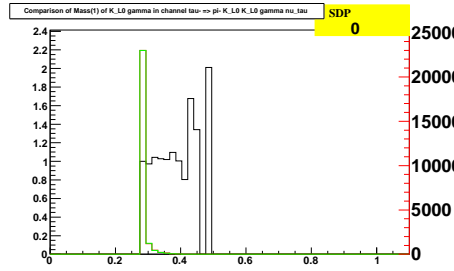
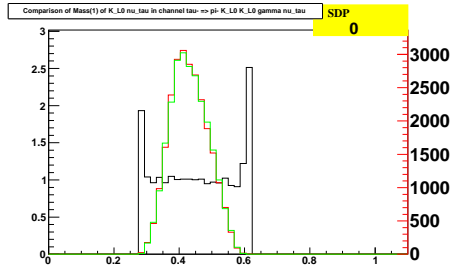
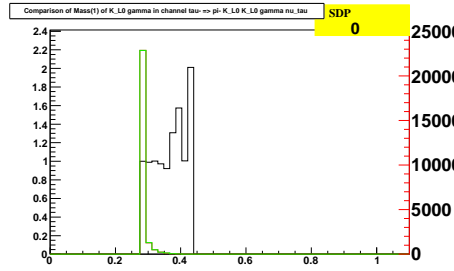
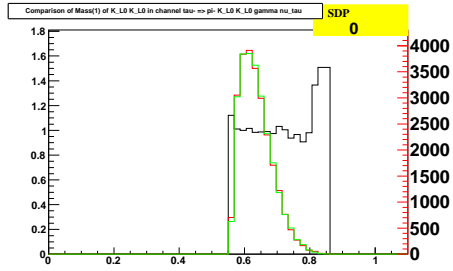
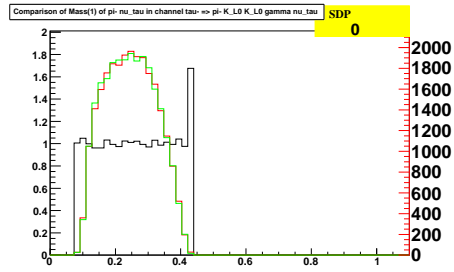
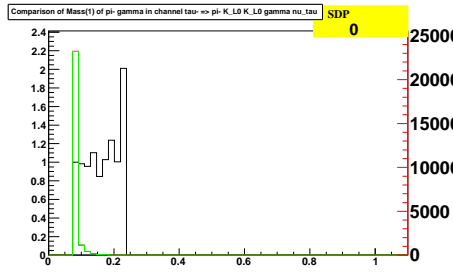


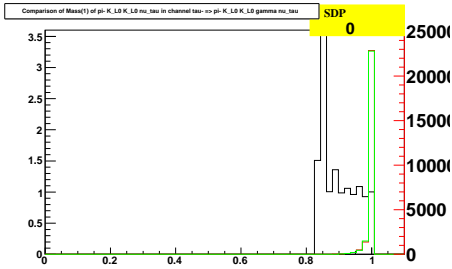
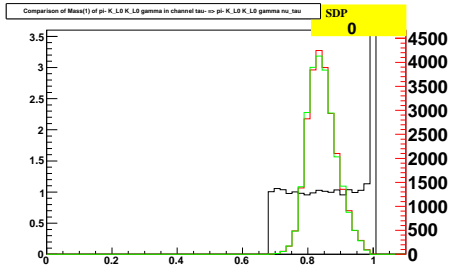
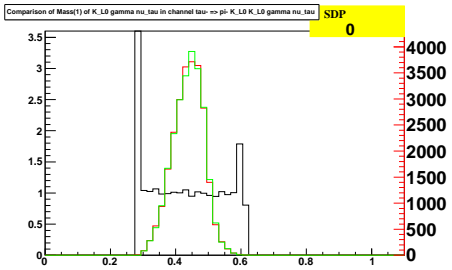
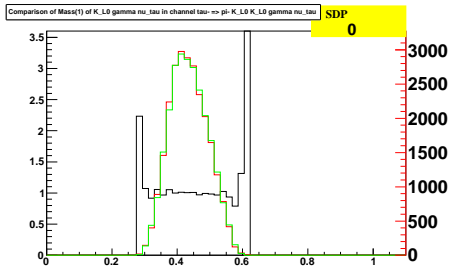
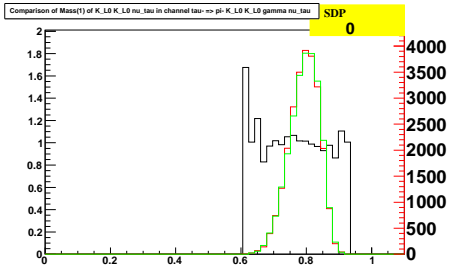
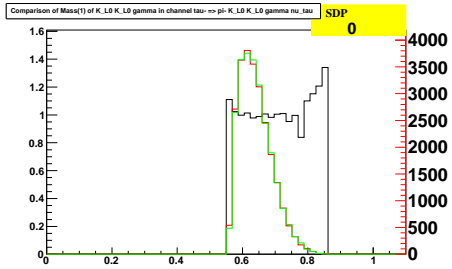
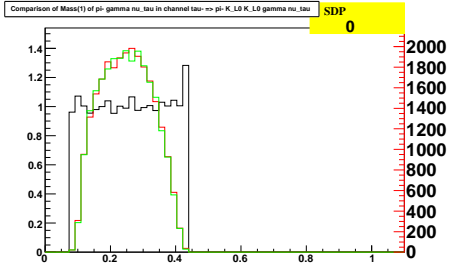
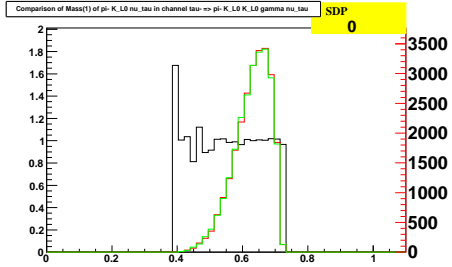
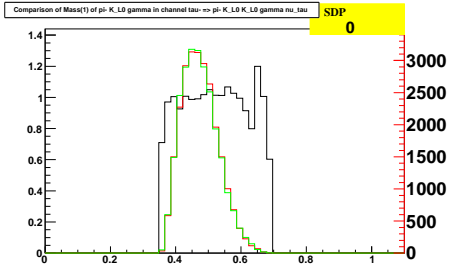
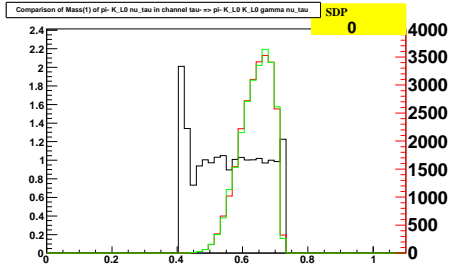
## 60 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 K_L^0 \gamma \nu_\tau$

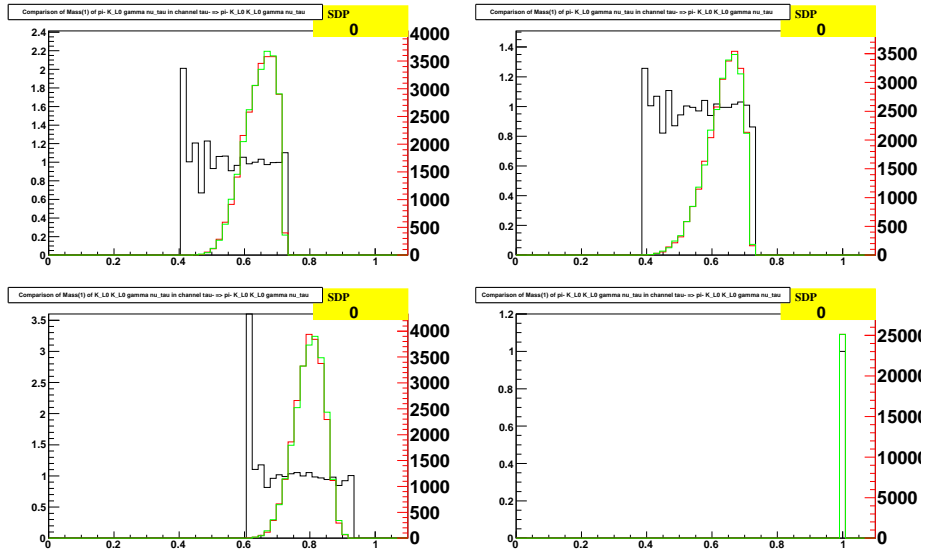
Number of events from generator 1: 24980 (scaled to generator2)

Number of events from generator 2: 25118





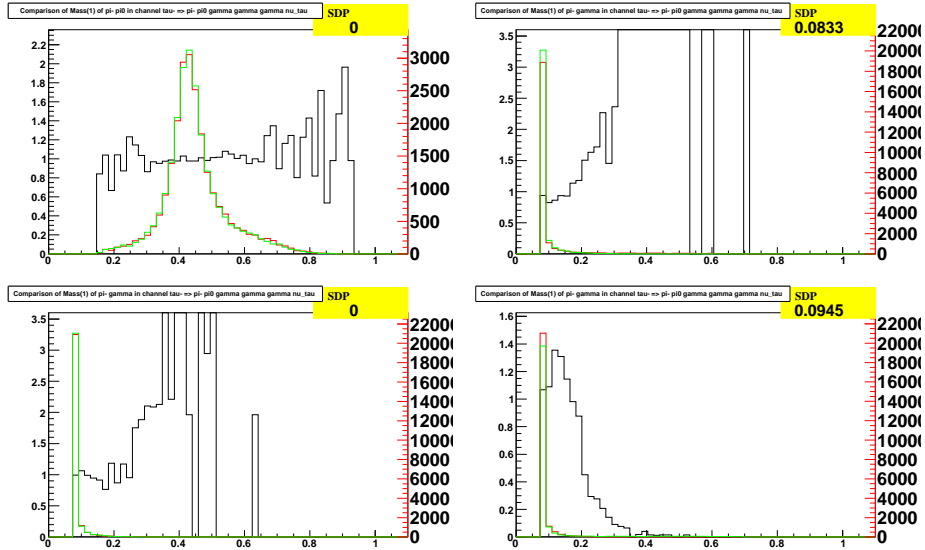


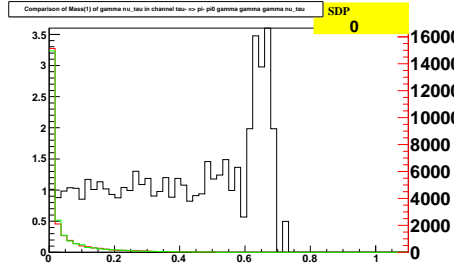
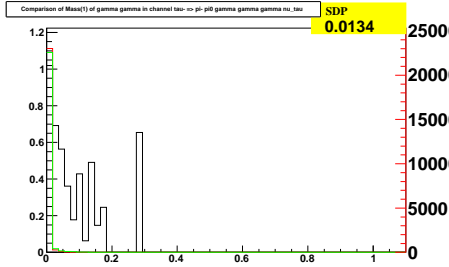
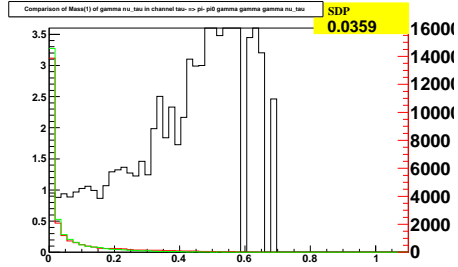
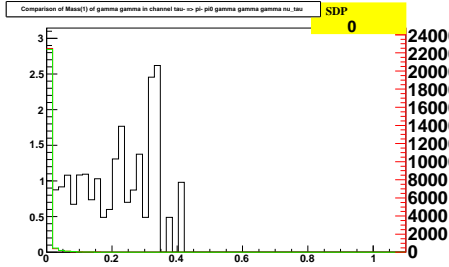
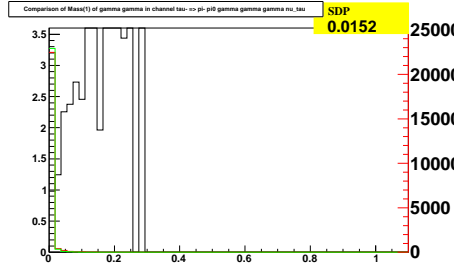
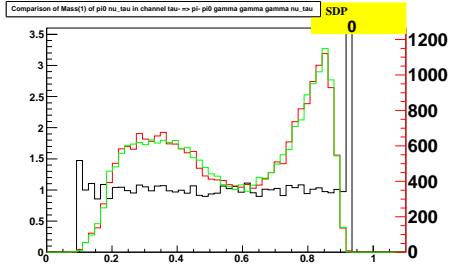
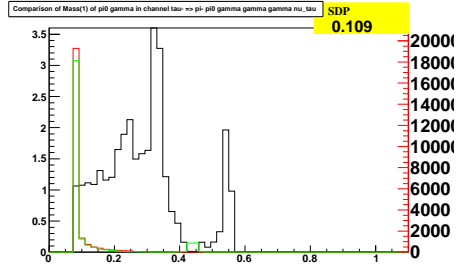
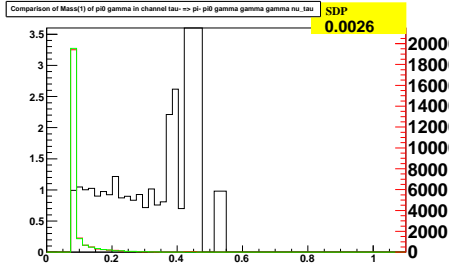
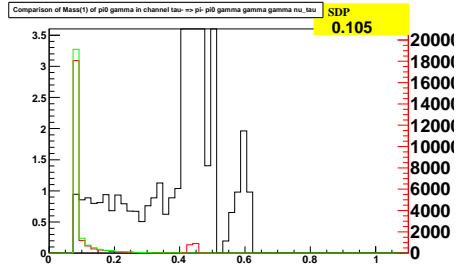
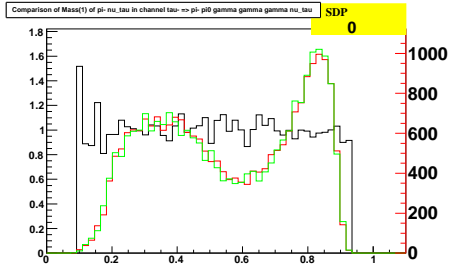


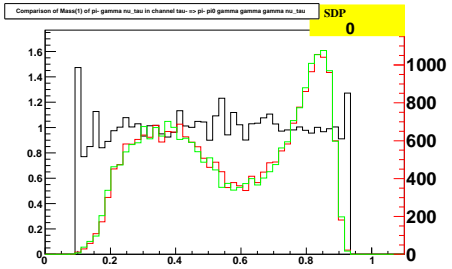
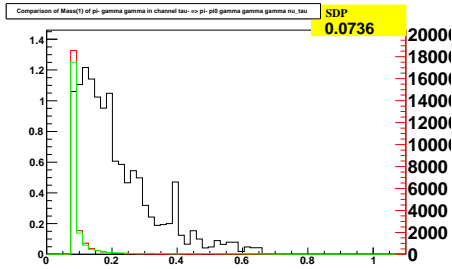
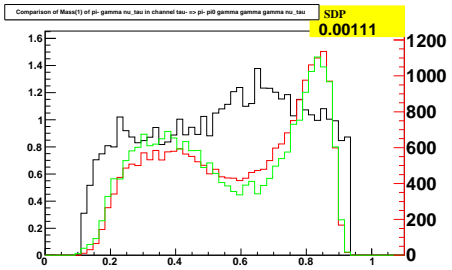
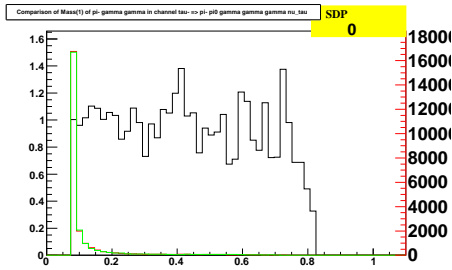
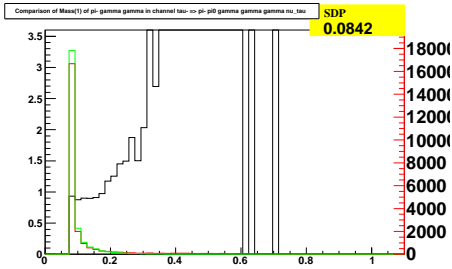
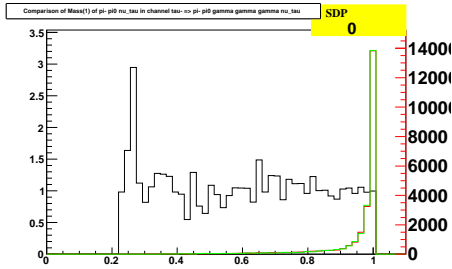
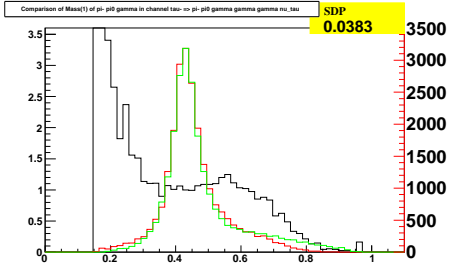
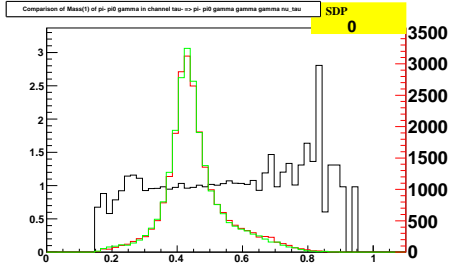
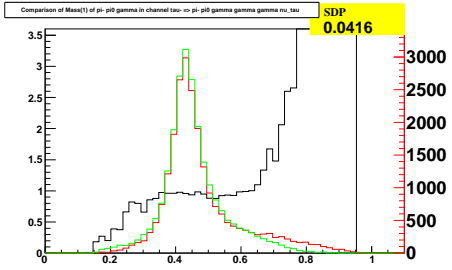
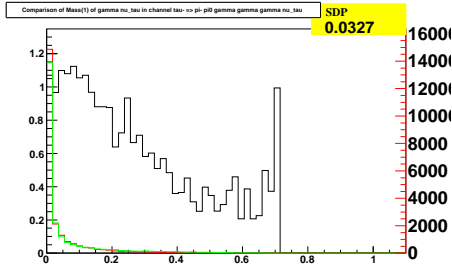
## 61 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \gamma \gamma \nu_\tau$

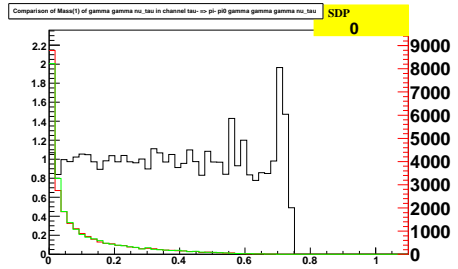
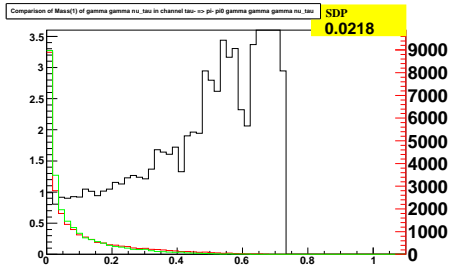
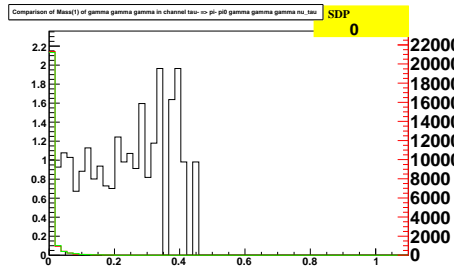
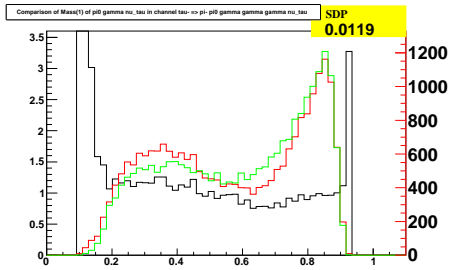
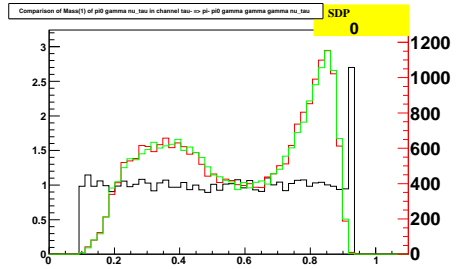
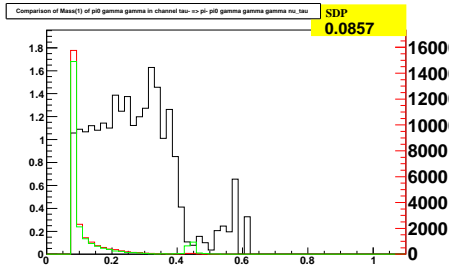
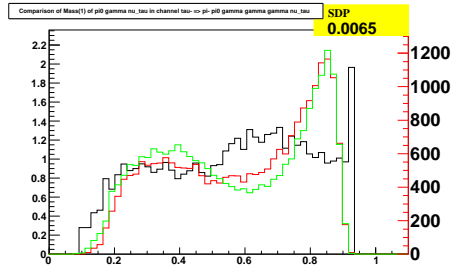
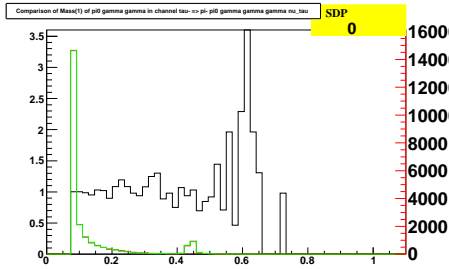
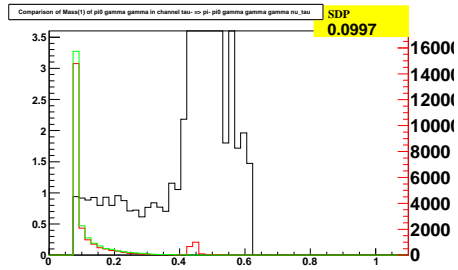
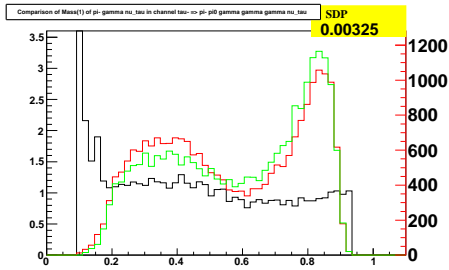
Number of events from generator 1: 23462

Number of events from generator 2: 23042 (scaled to generator 1)

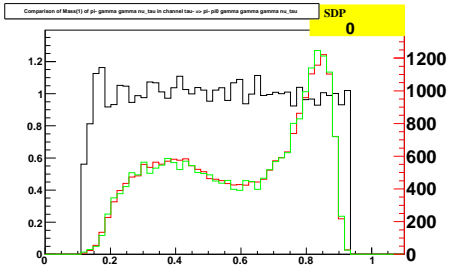
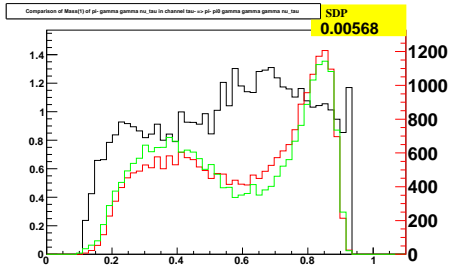
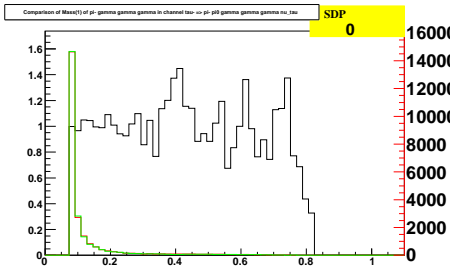
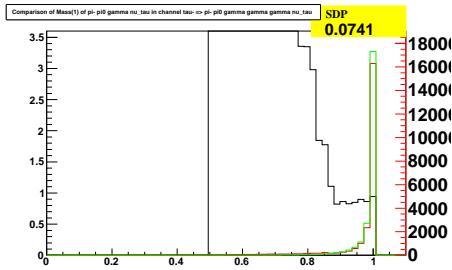
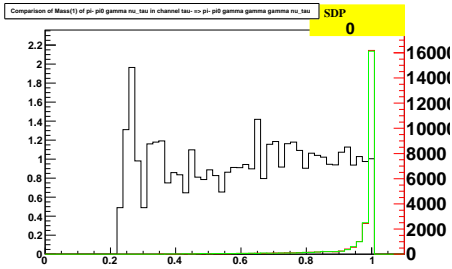
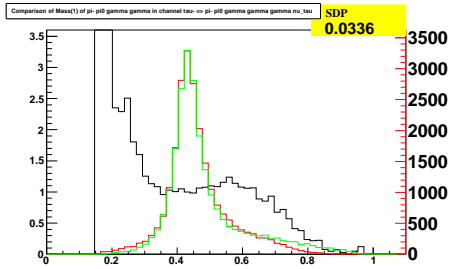
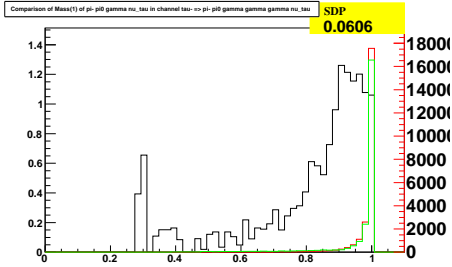
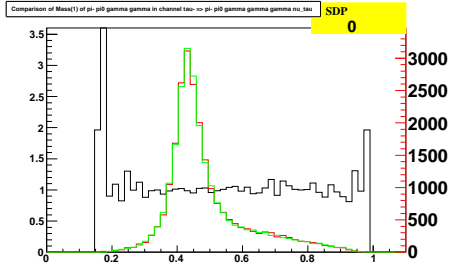
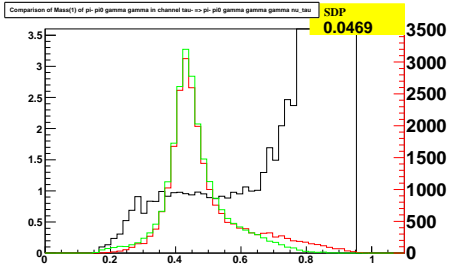
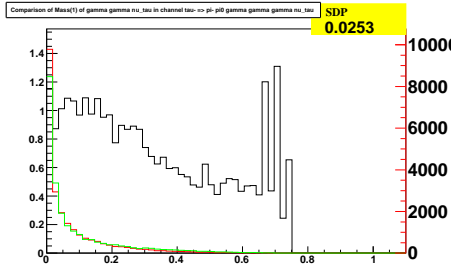


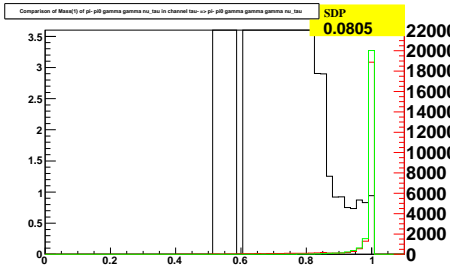
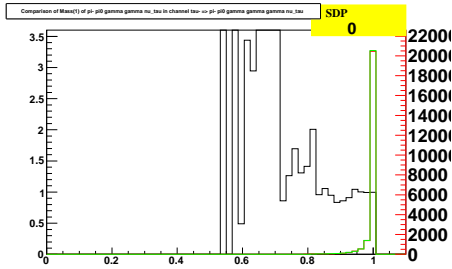
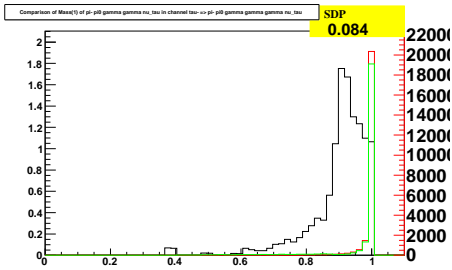
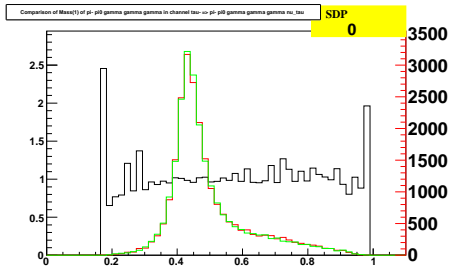
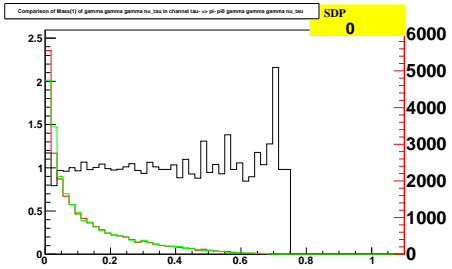
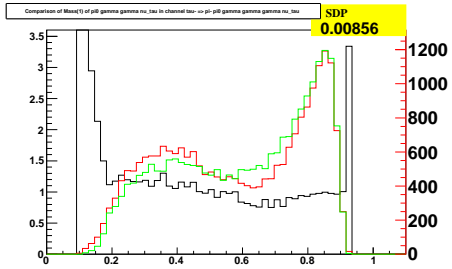
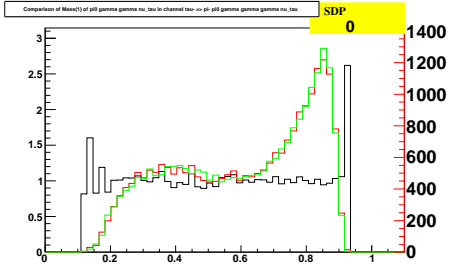
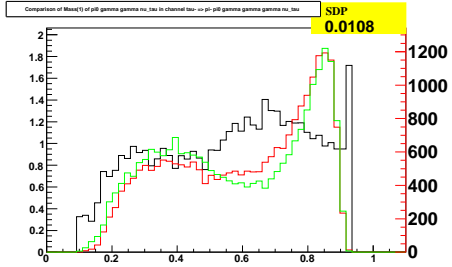
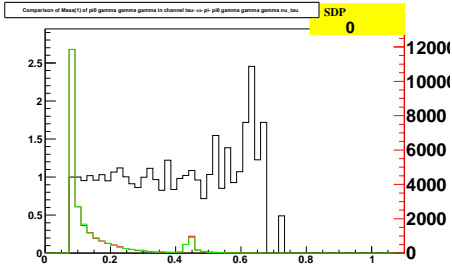
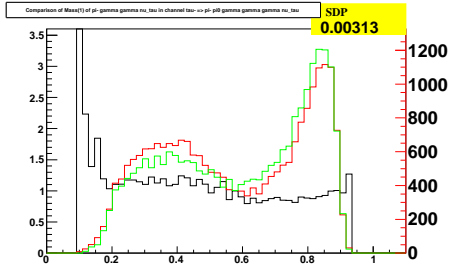


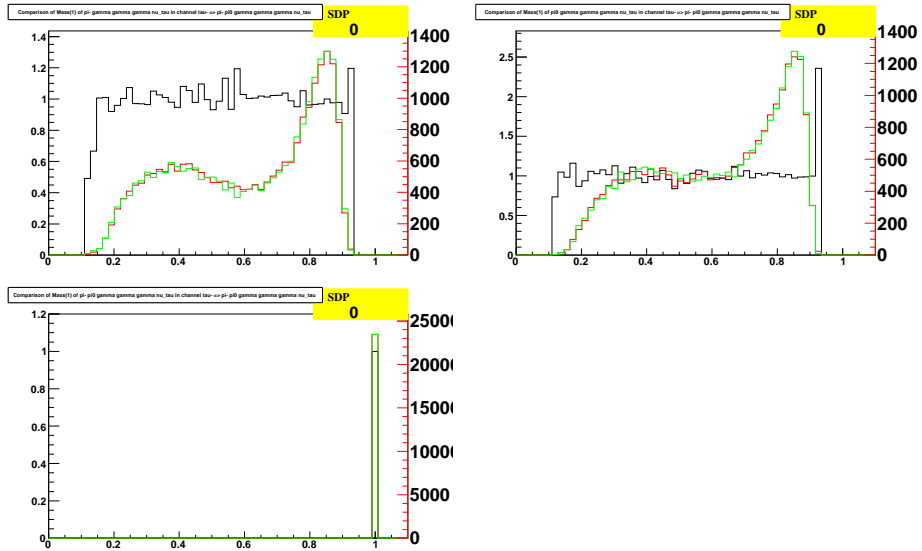








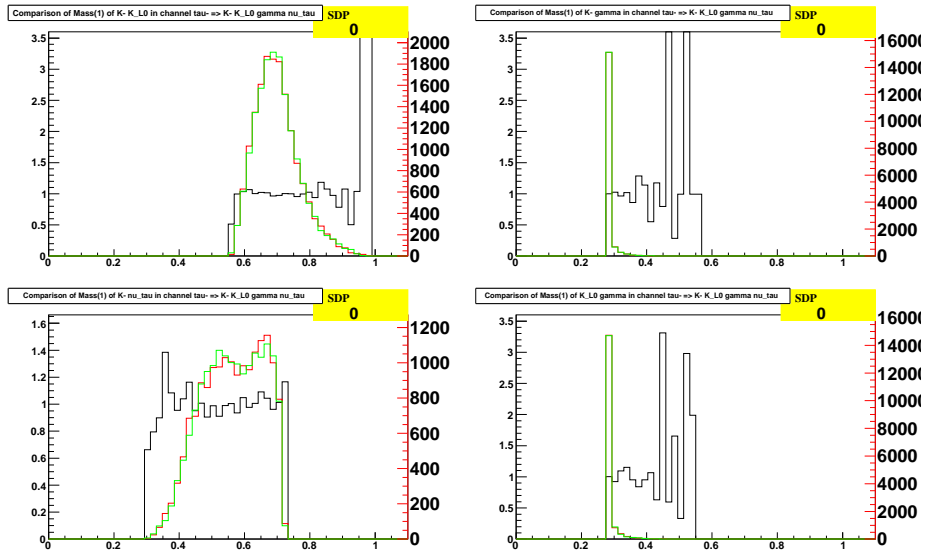


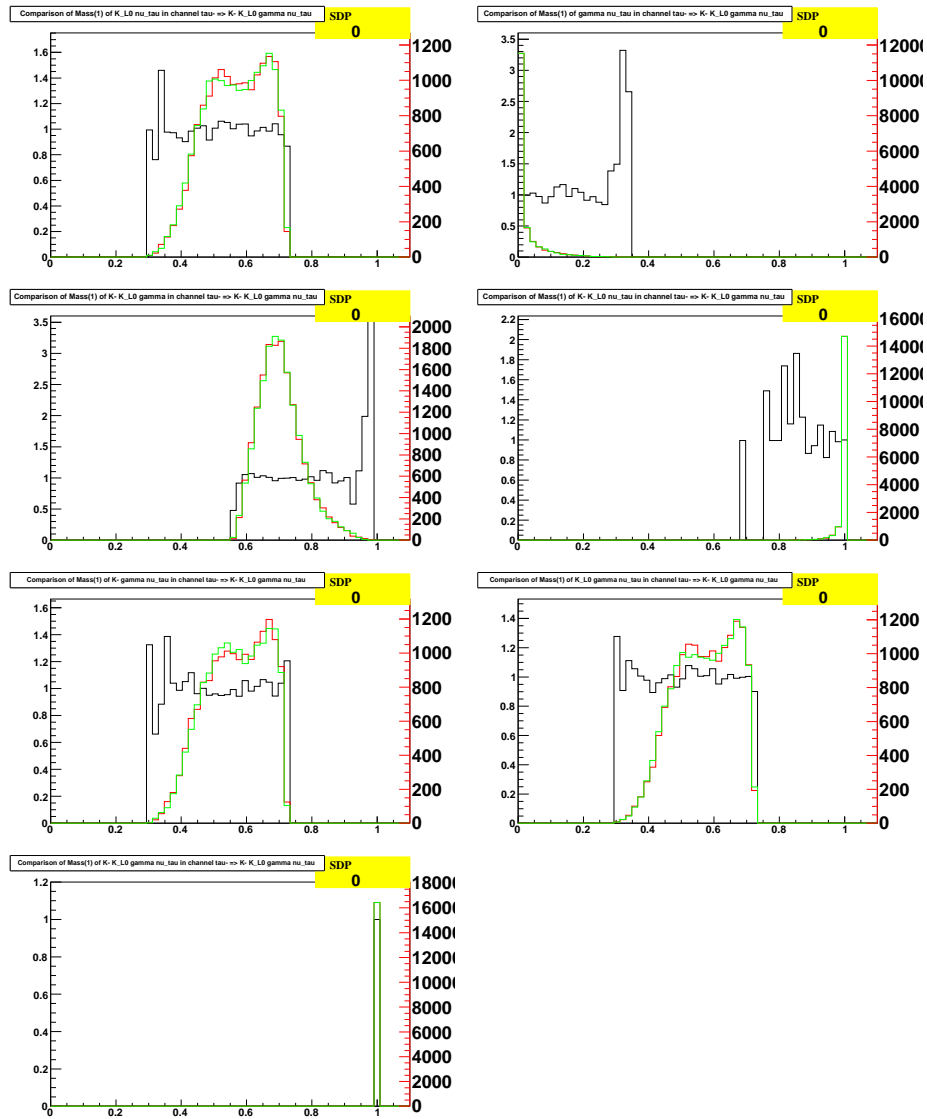


## 62 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \gamma \nu_\tau$

Number of events from generator 1: 16437

Number of events from generator 2: 16330 (scaled to generator 1)

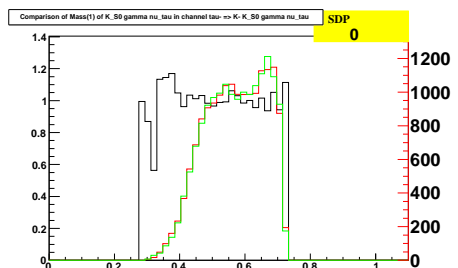
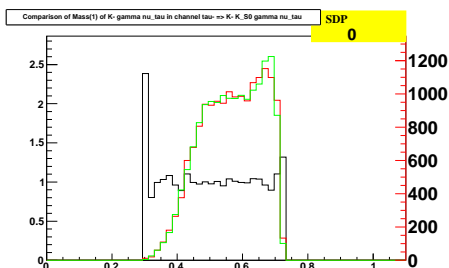
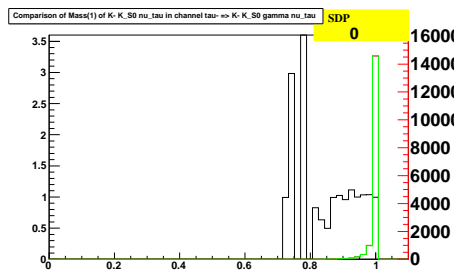
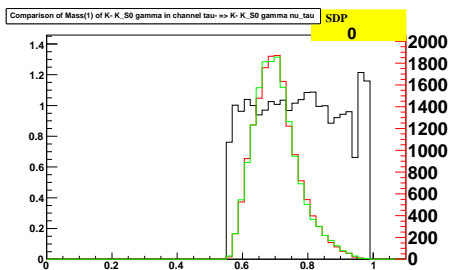
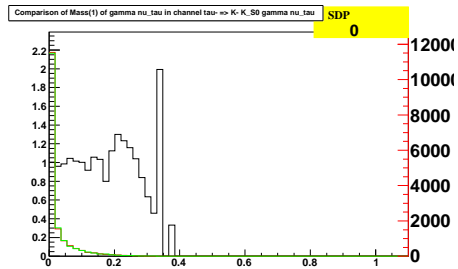
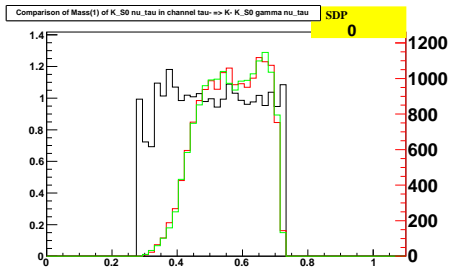
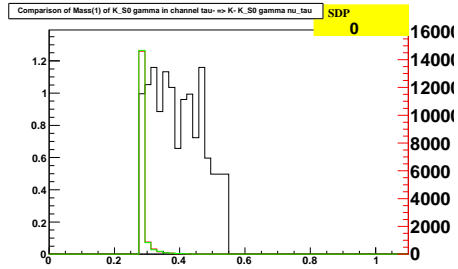
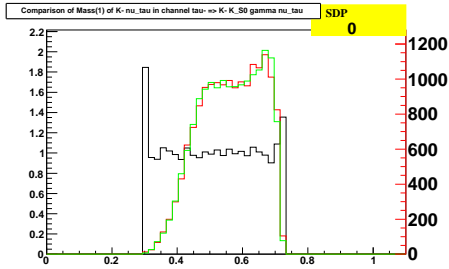
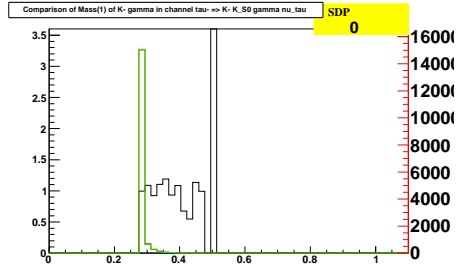
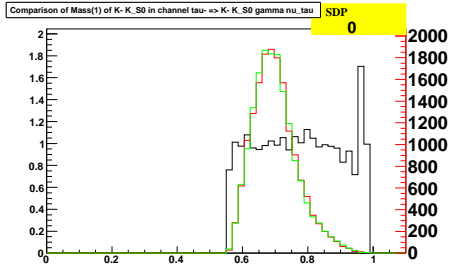


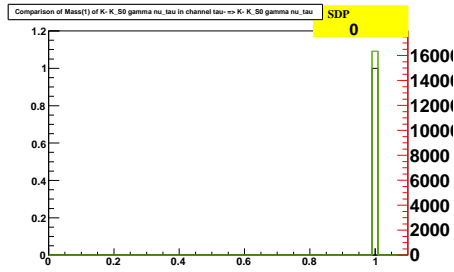


### 63 Decay Channel: $\tau^- \rightarrow K^- K_S^0 \gamma \nu_\tau$

Number of events from generator 1: 16340

Number of events from generator 2: 16243 (scaled to generator1)

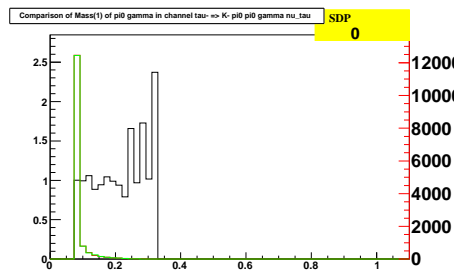
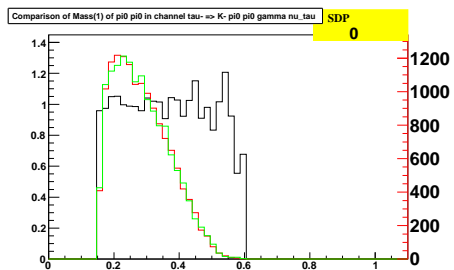
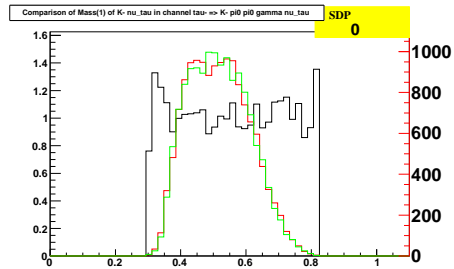
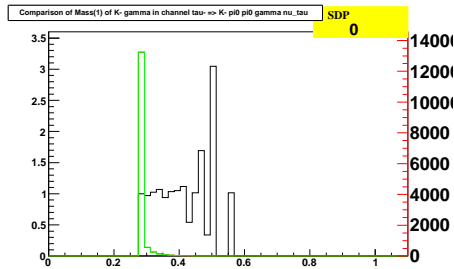
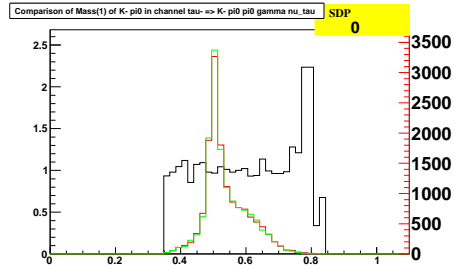
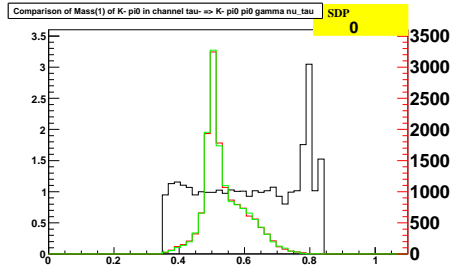


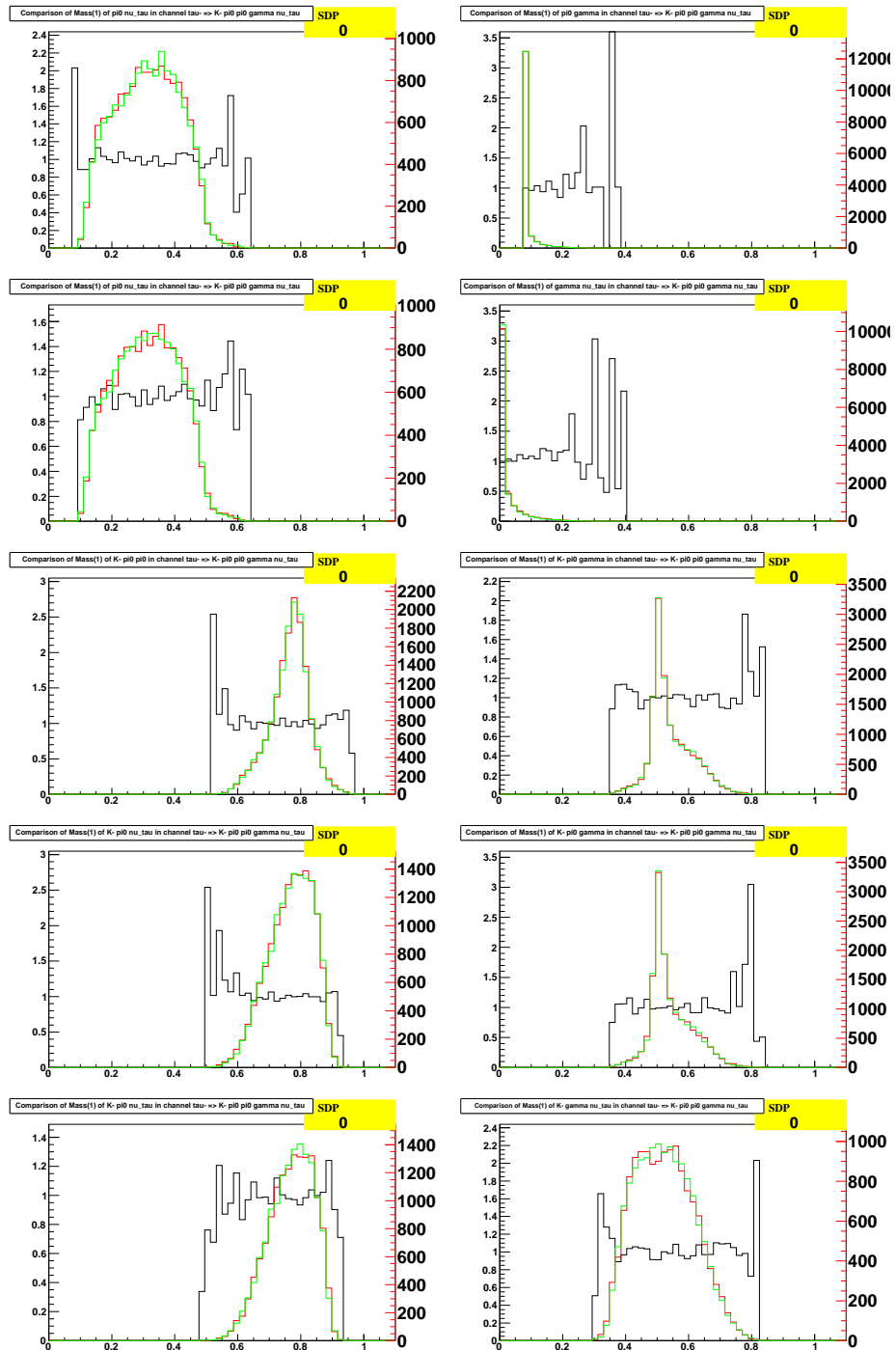


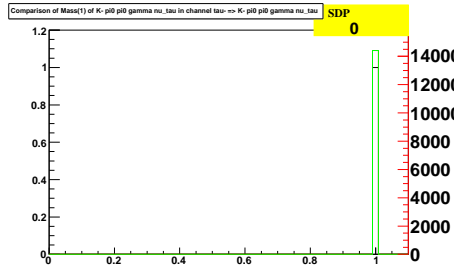
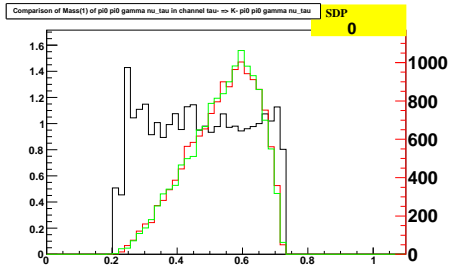
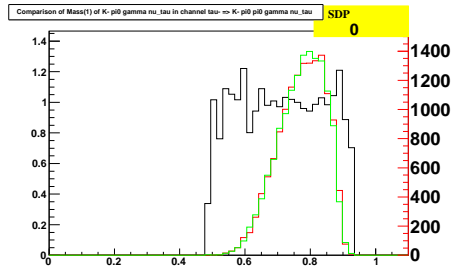
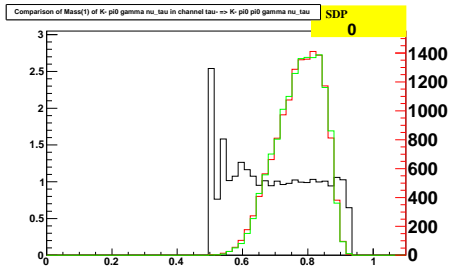
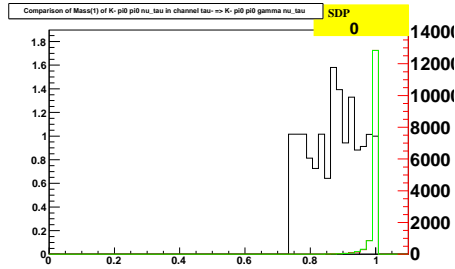
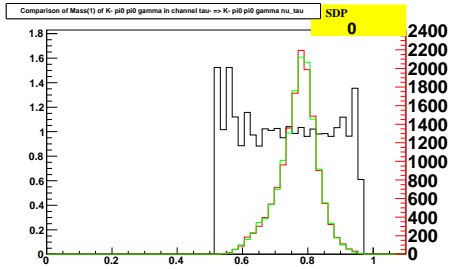
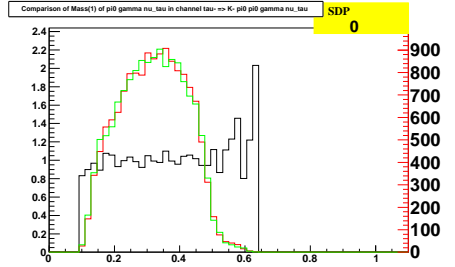
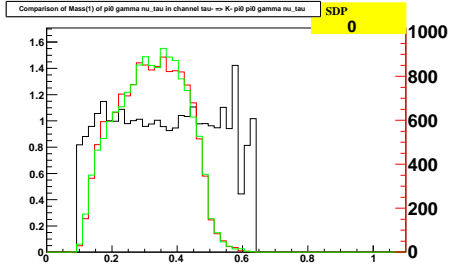
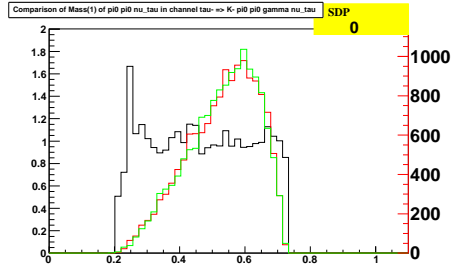
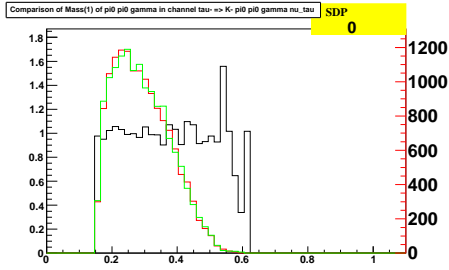
## 64 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 14182 (scaled to generator2)

Number of events from generator 2: 14412





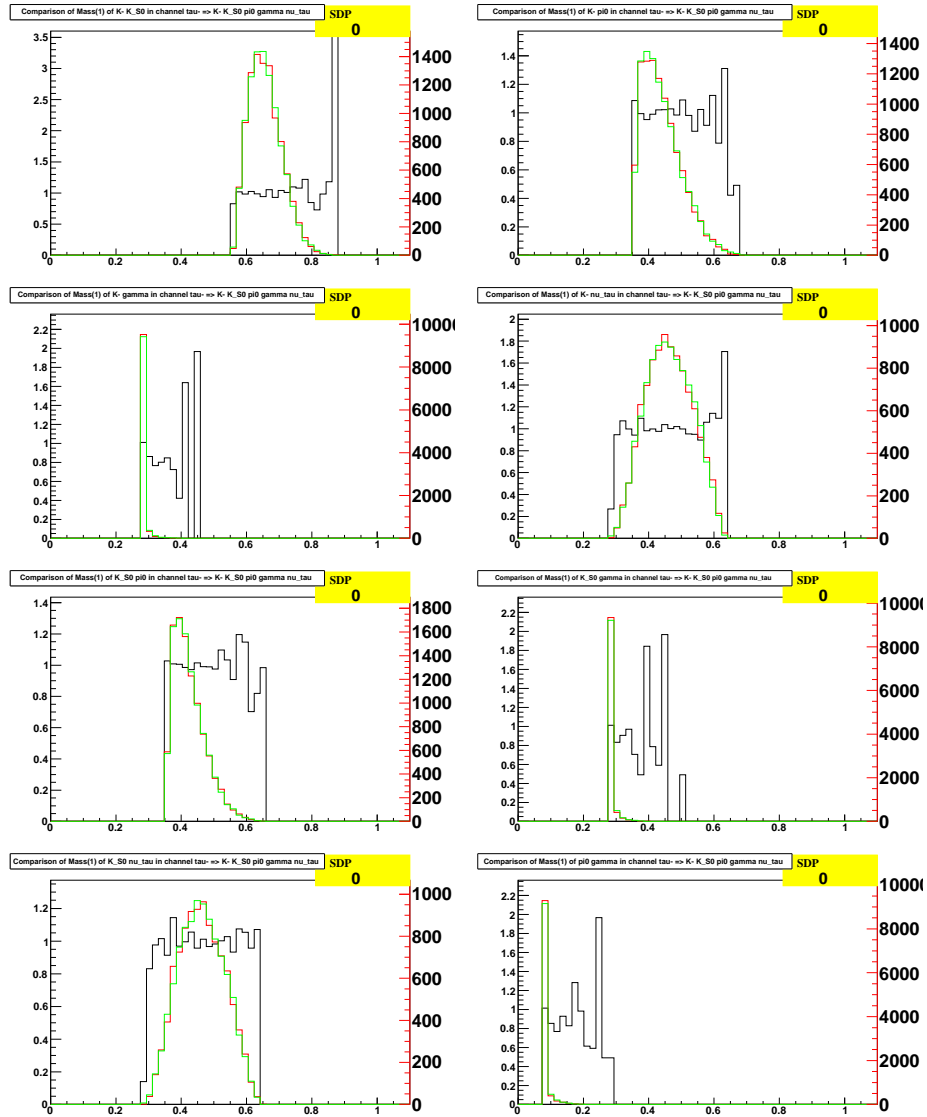


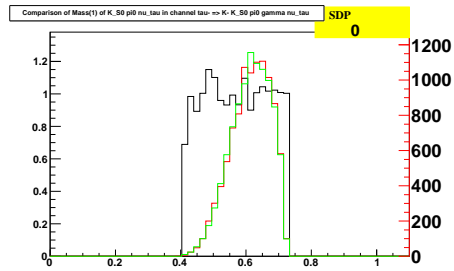
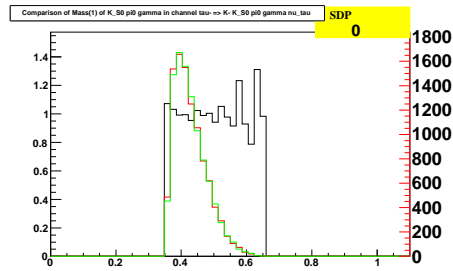
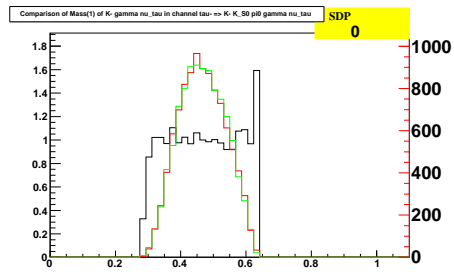
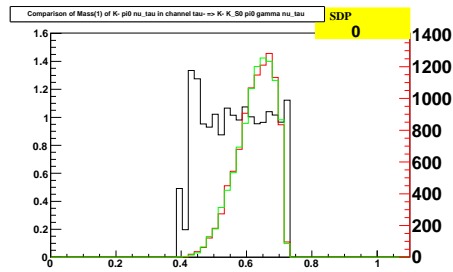
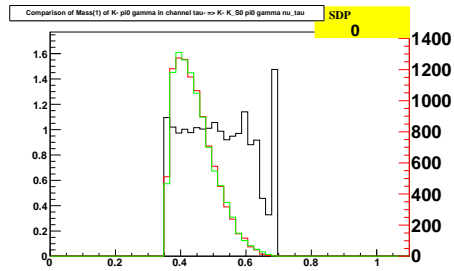
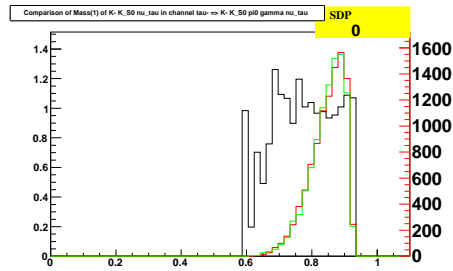
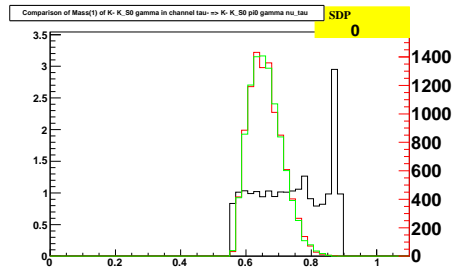
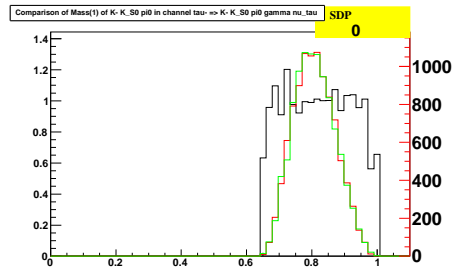
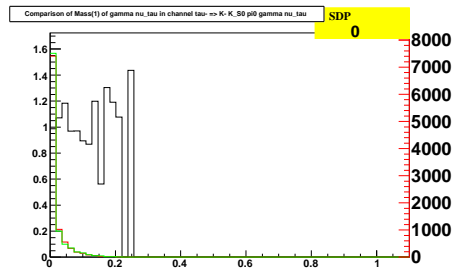
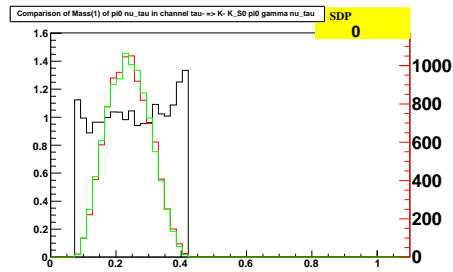


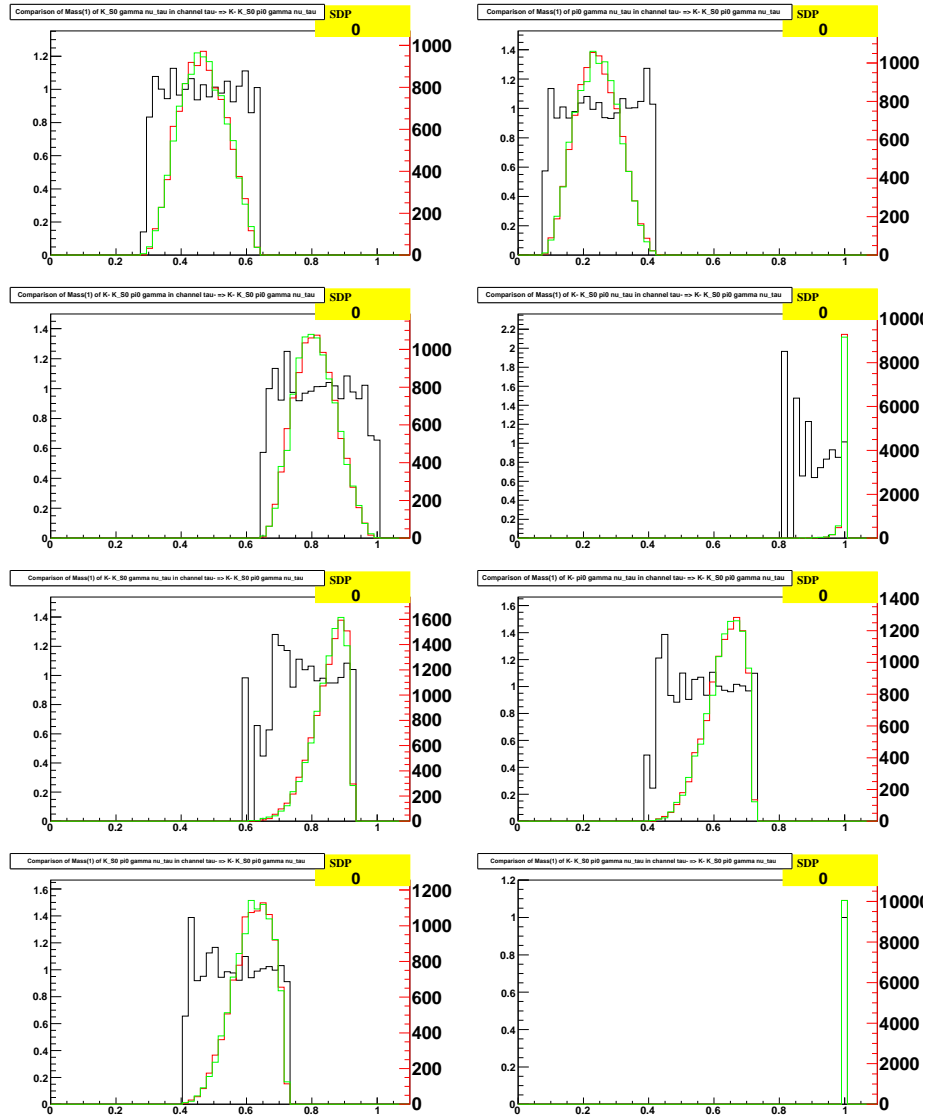
## 65 Decay Channel: $\tau^- \rightarrow K^- K_S^0 \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 10044

Number of events from generator 2: 9882 (scaled to generator 1)



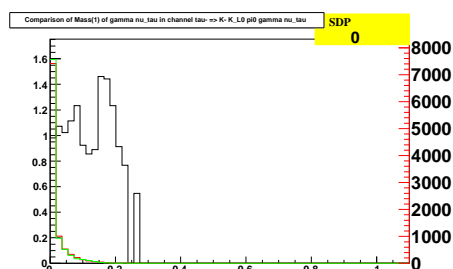
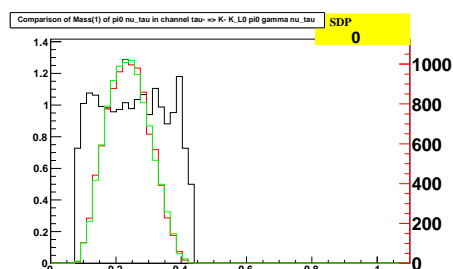
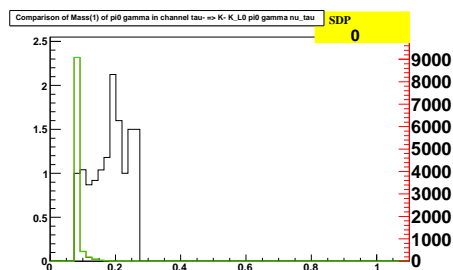
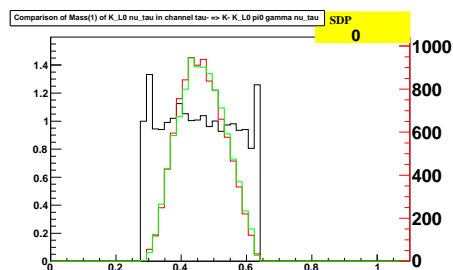
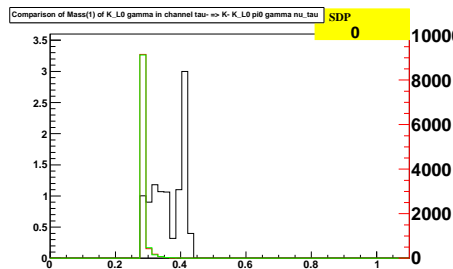
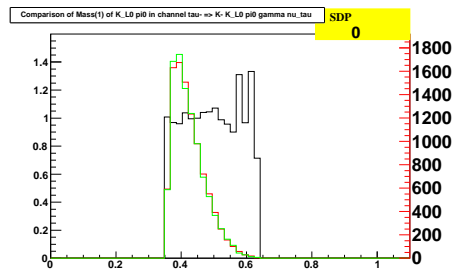
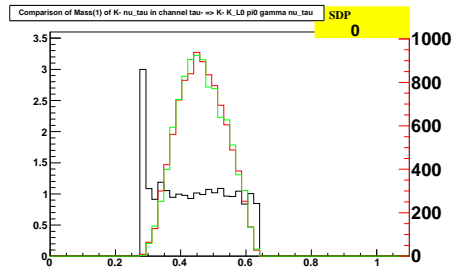
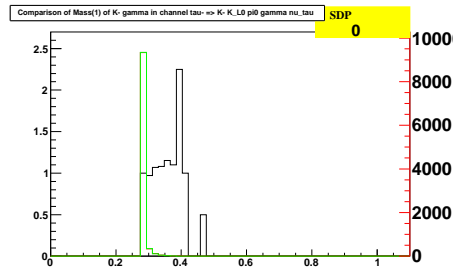
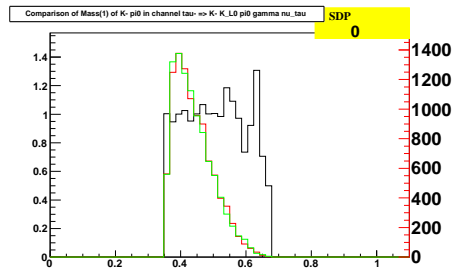
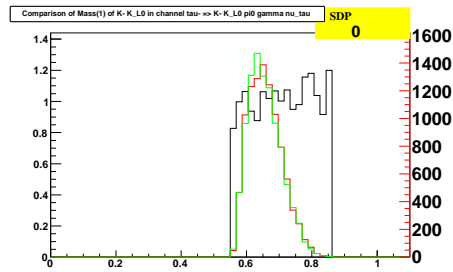


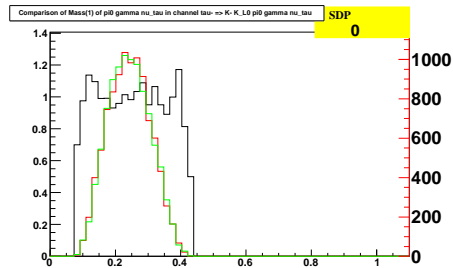
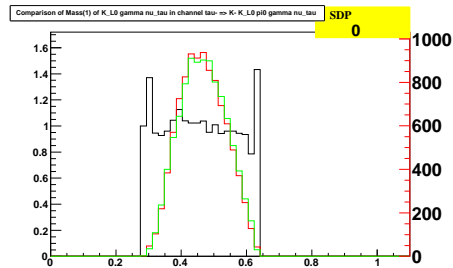
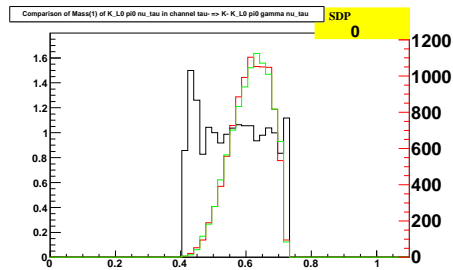
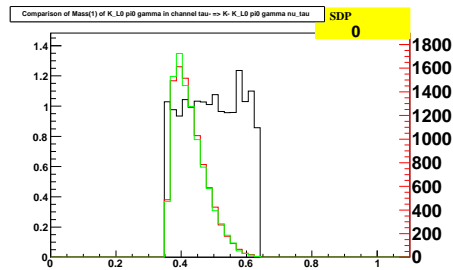
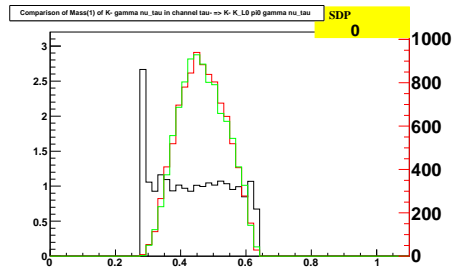
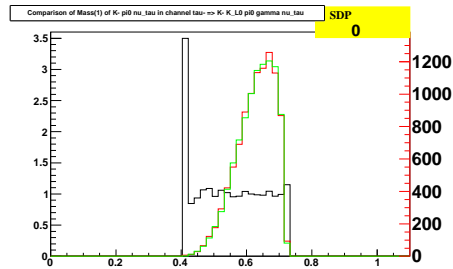
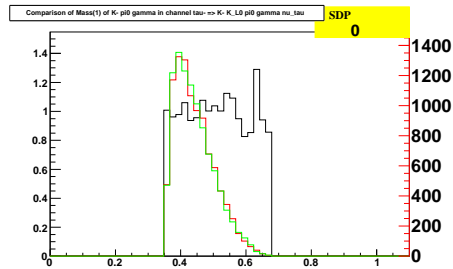
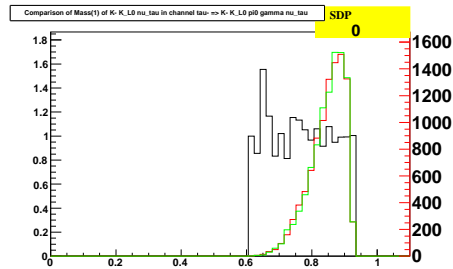
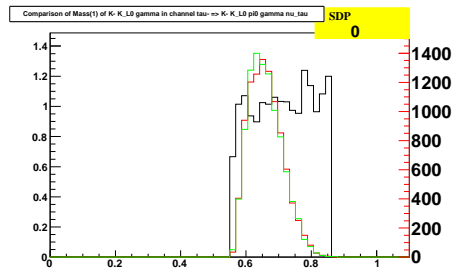
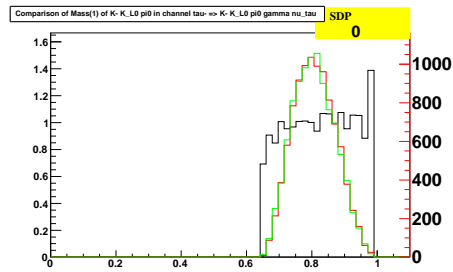


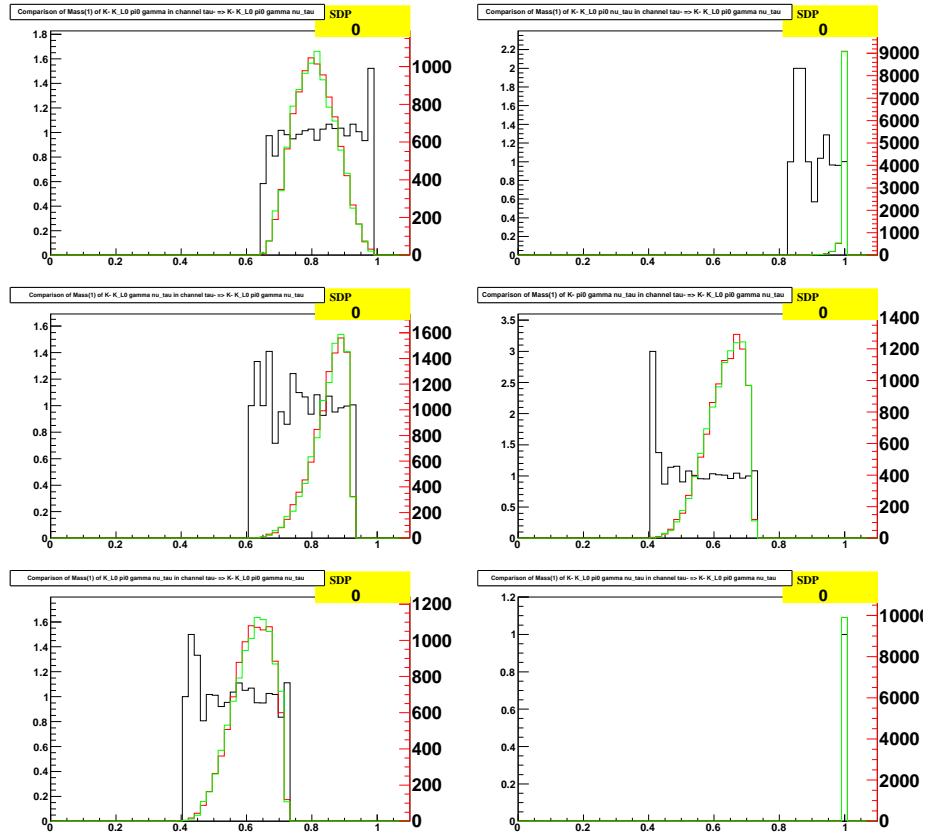
## 66 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \pi^0 \nu_\tau$

Number of events from generator 1: 9900

Number of events from generator 2: 9897 (scaled to generator1)



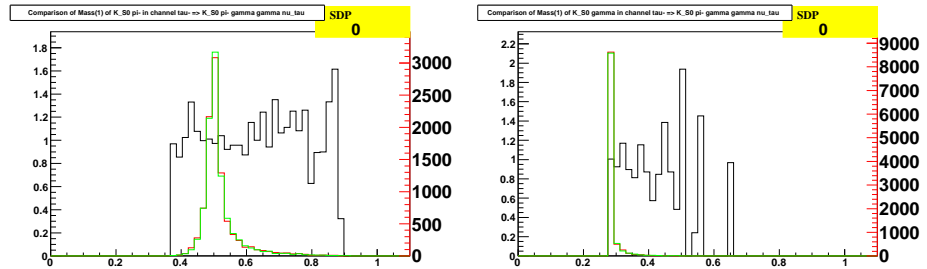


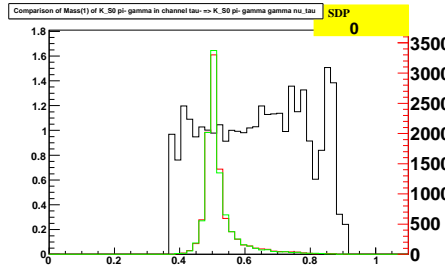
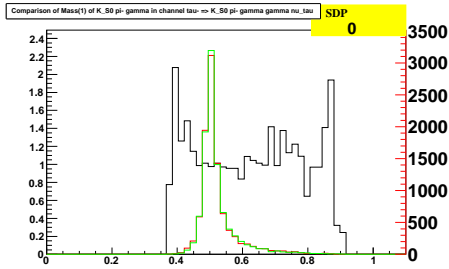
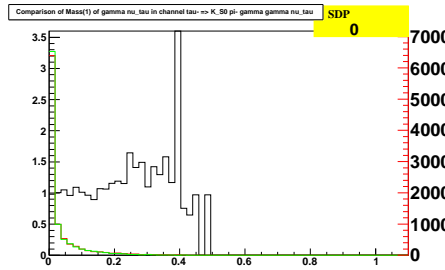
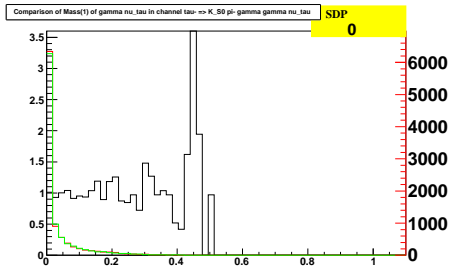
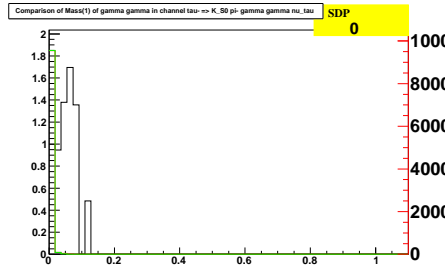
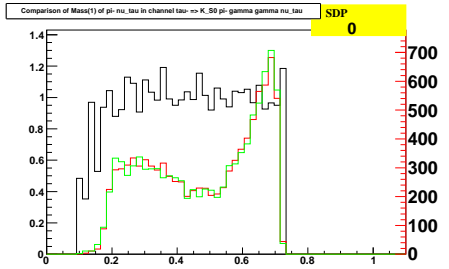
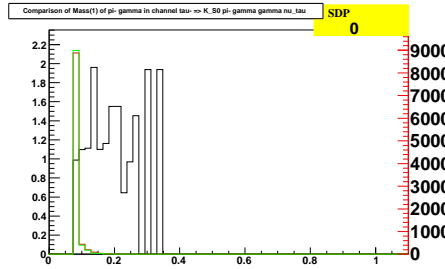
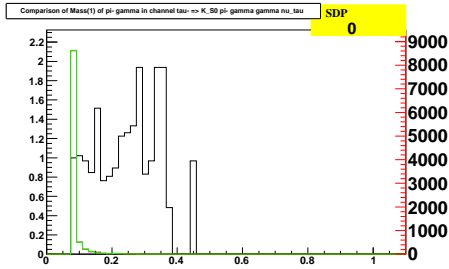
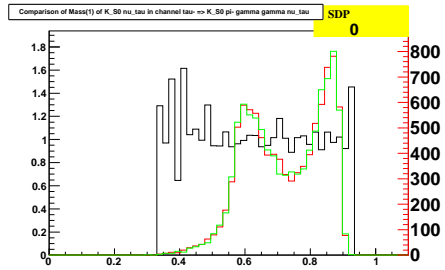
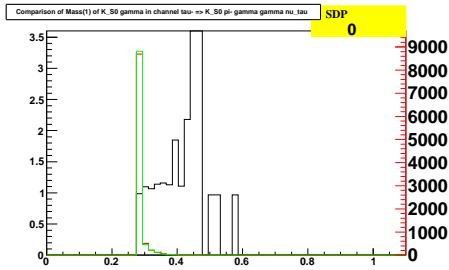


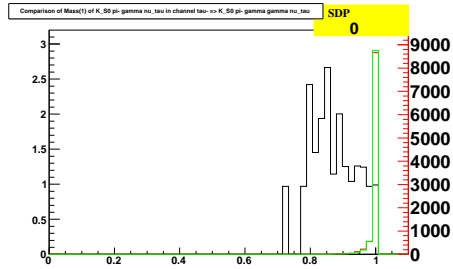
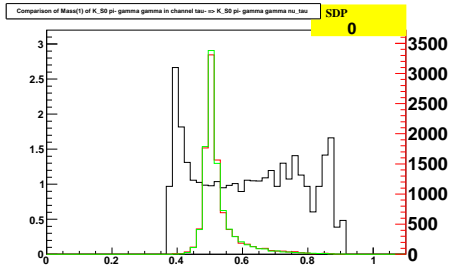
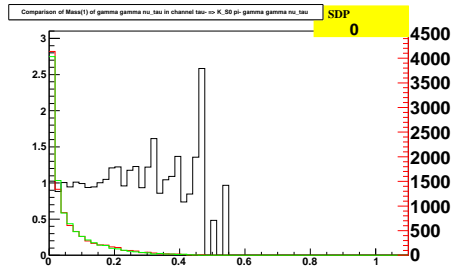
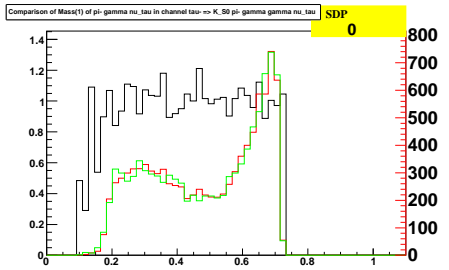
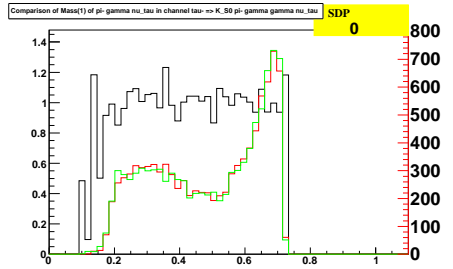
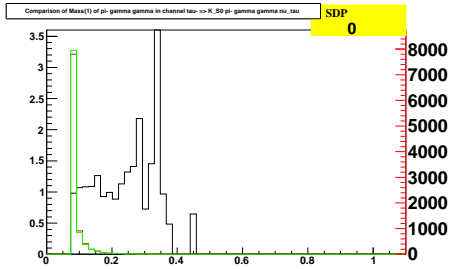
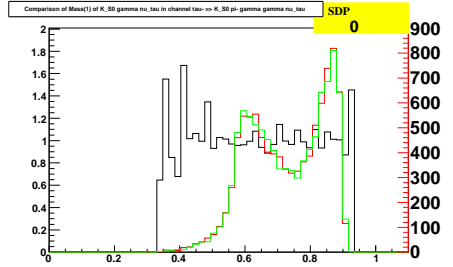
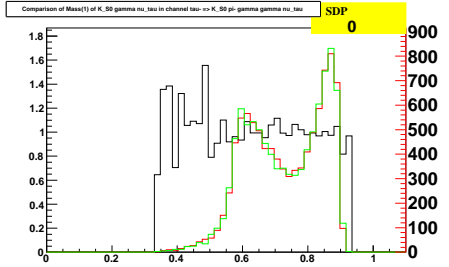
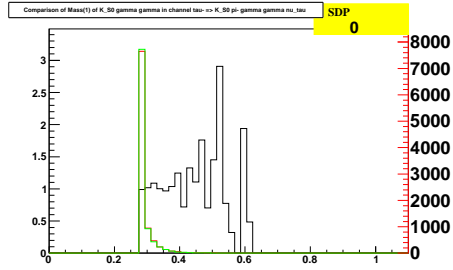
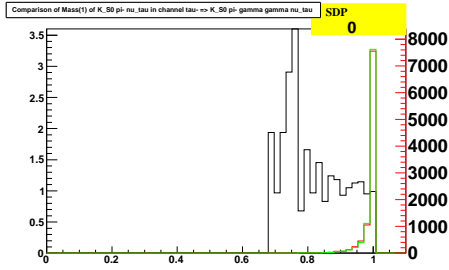
### 67 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \gamma \nu_\tau$

Number of events from generator 1: 9693

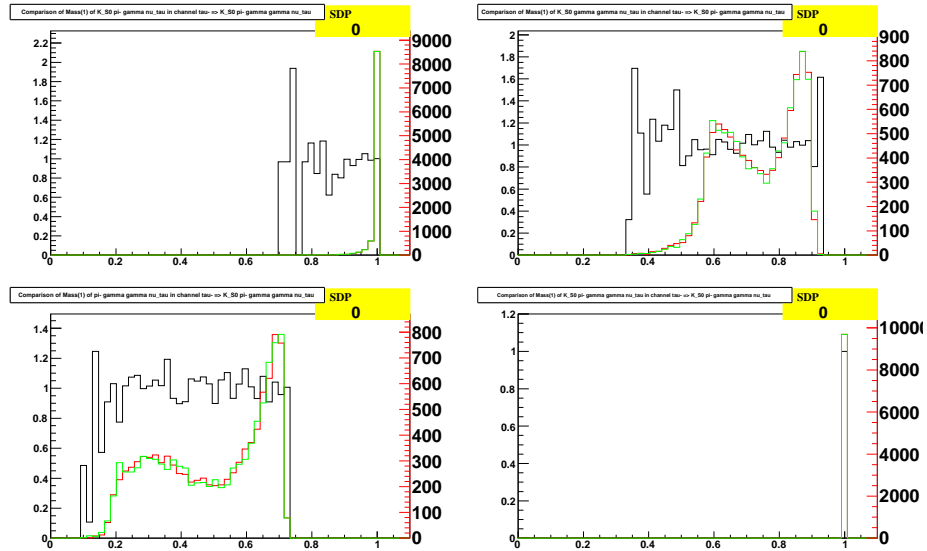
Number of events from generator 2: 9393 (scaled to generator1)







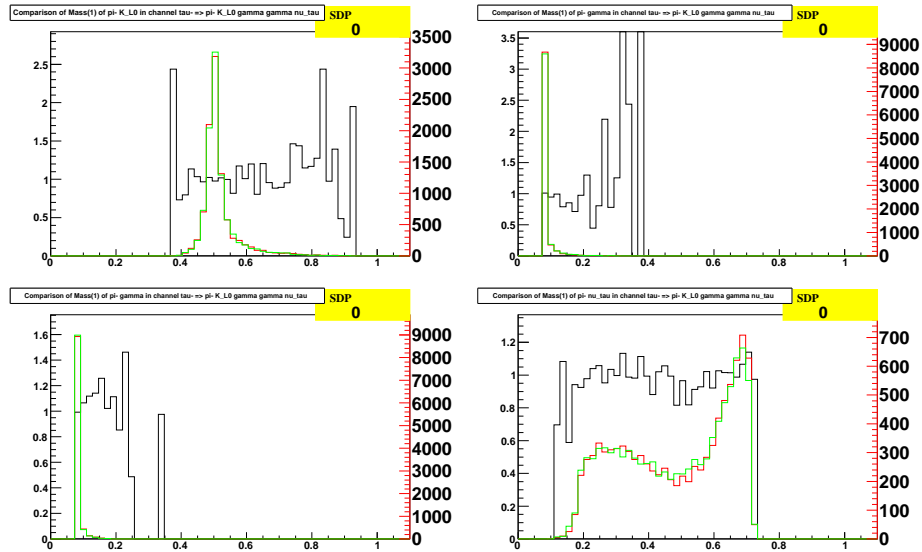


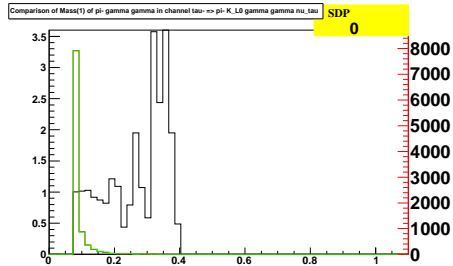
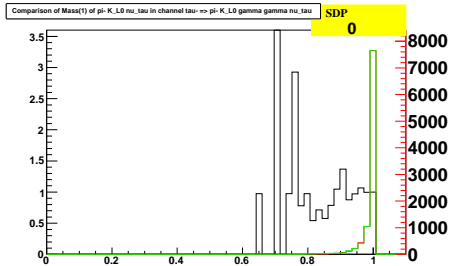
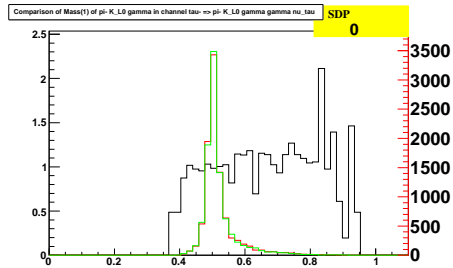
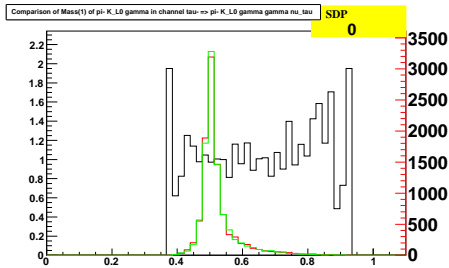
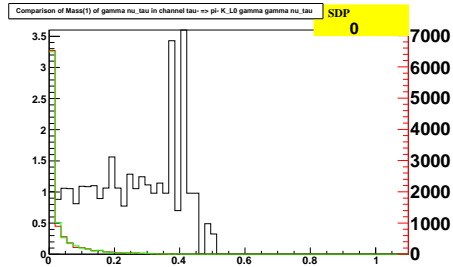
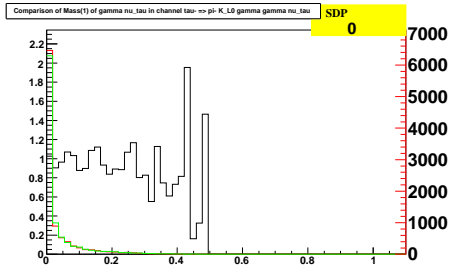
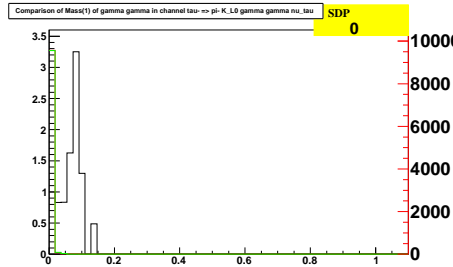
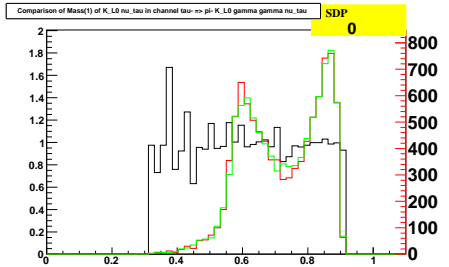
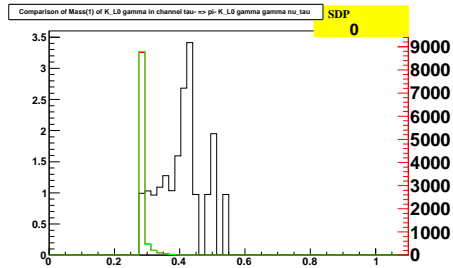
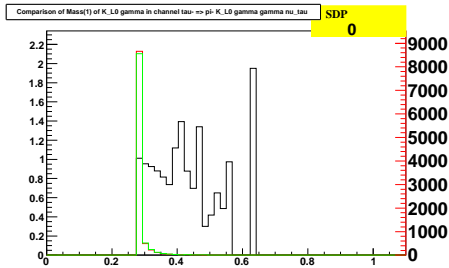


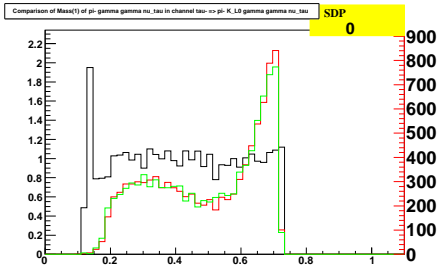
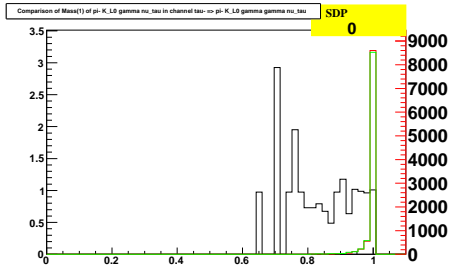
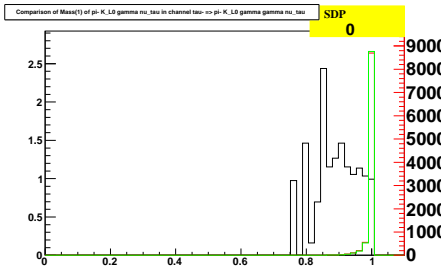
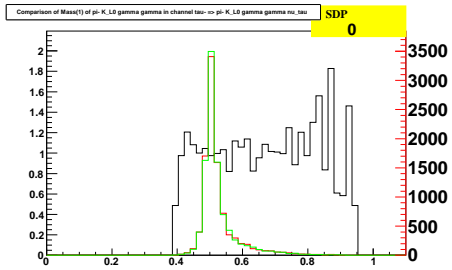
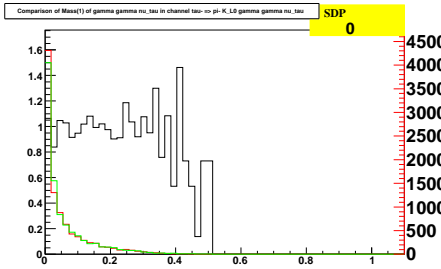
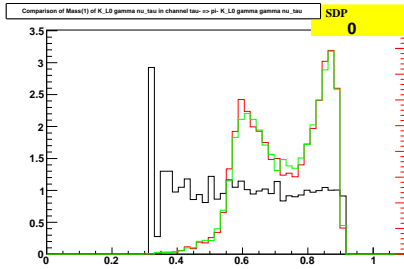
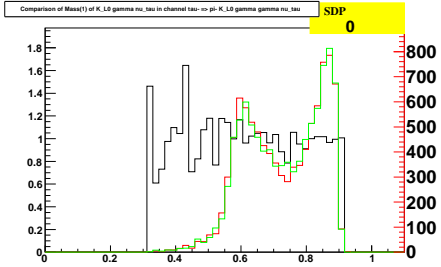
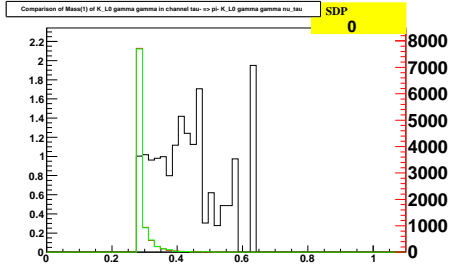
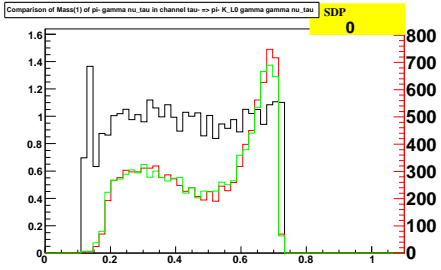
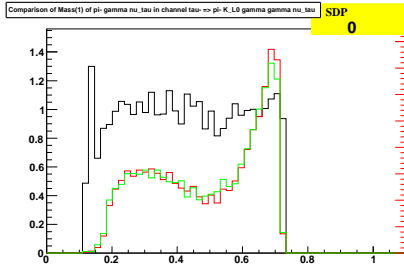
## 68 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \gamma \nu_\tau$

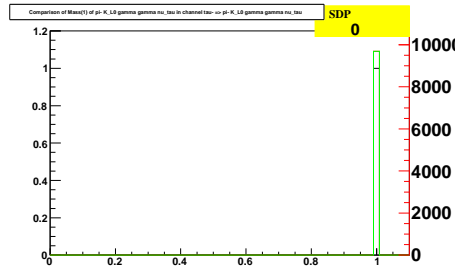
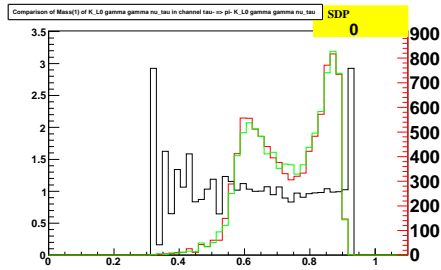
Number of events from generator 1: 9686

Number of events from generator 2: 9445 (scaled to generator1)





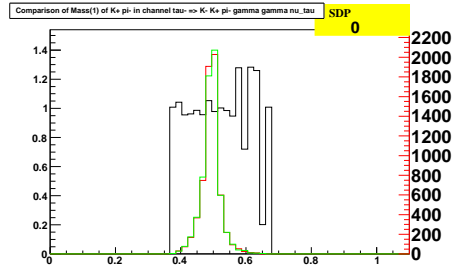
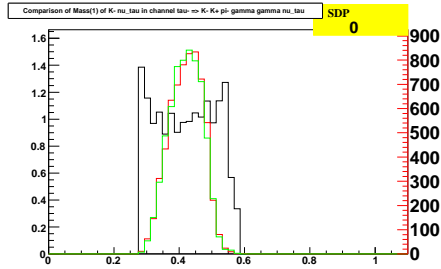
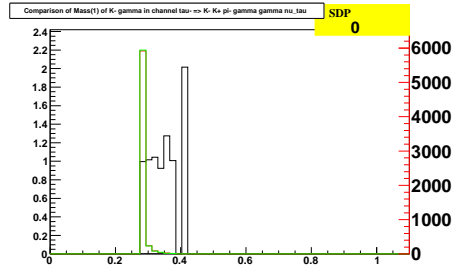
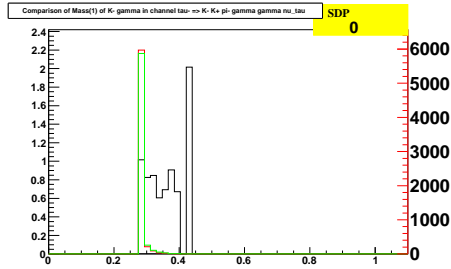
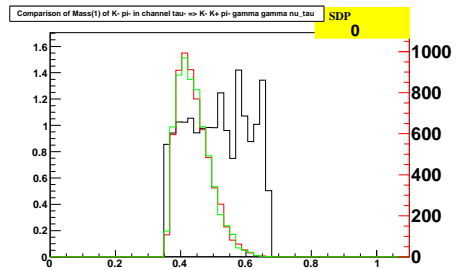
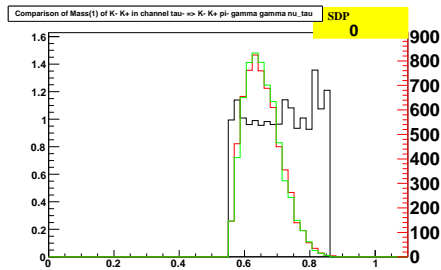


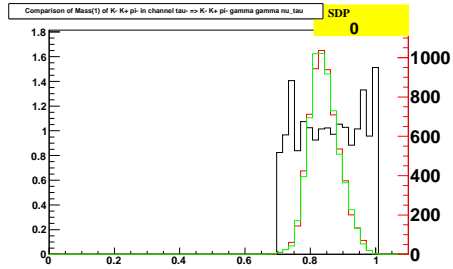
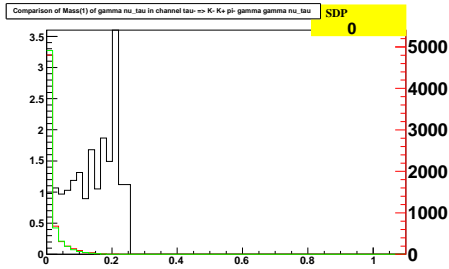
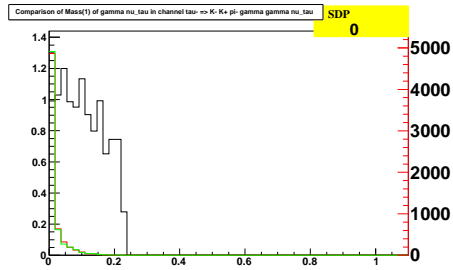
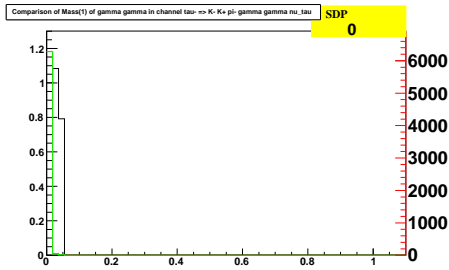
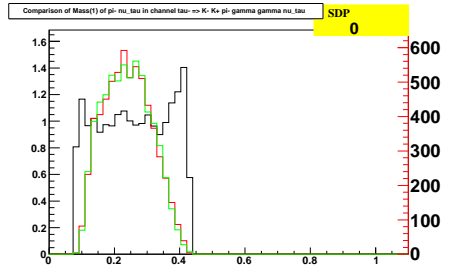
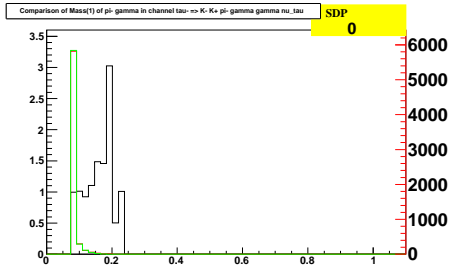
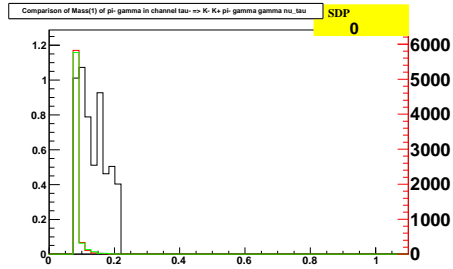
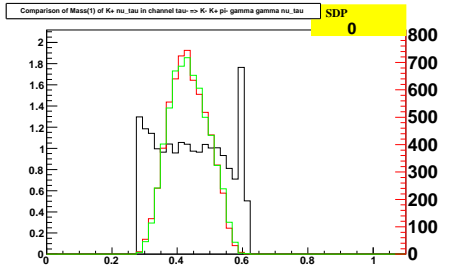
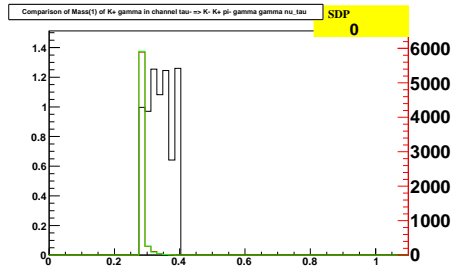
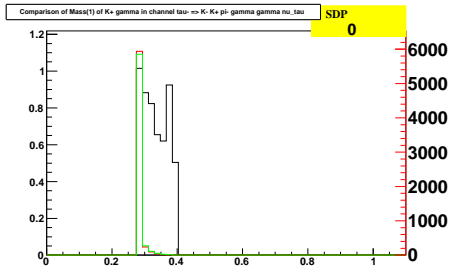


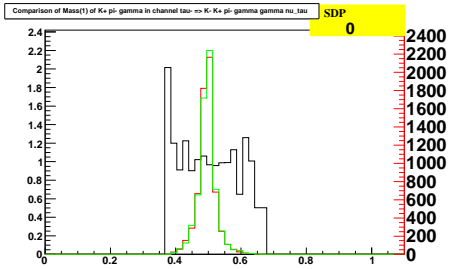
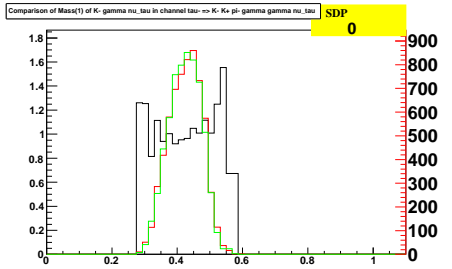
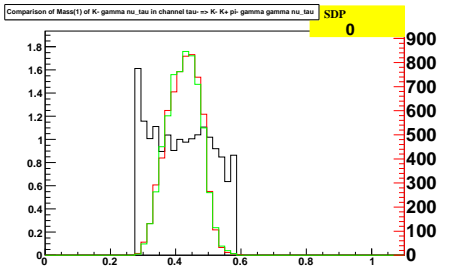
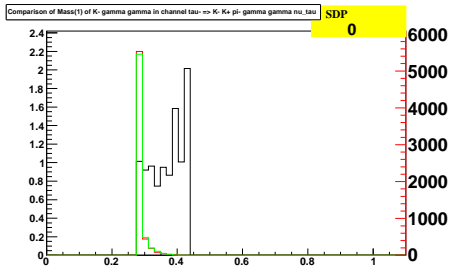
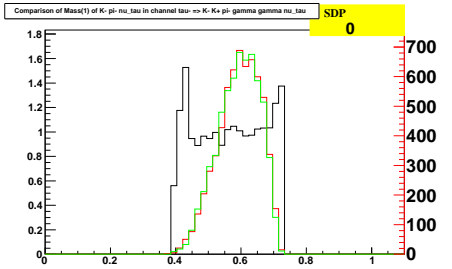
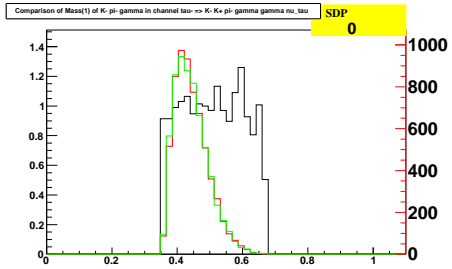
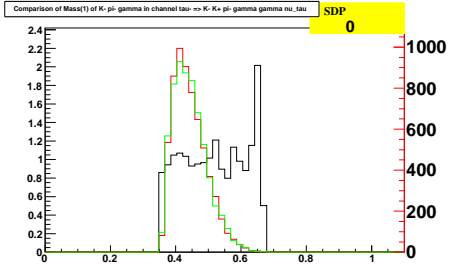
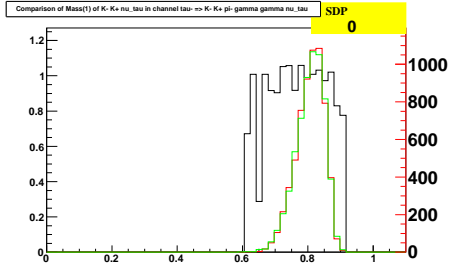
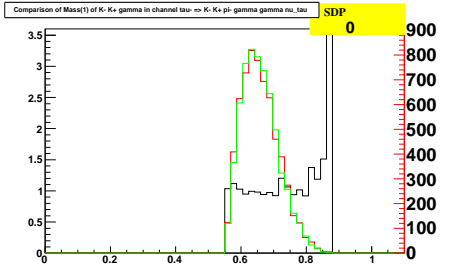
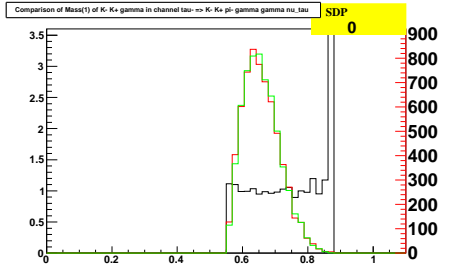
## 69 Decay Channel: $\tau^- \rightarrow K^- K^+ \pi^- \gamma \nu_\tau$

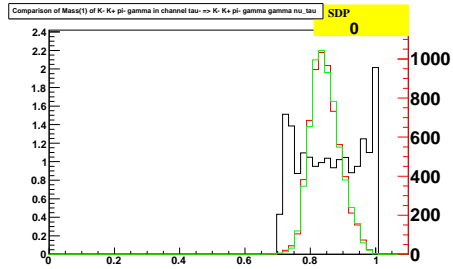
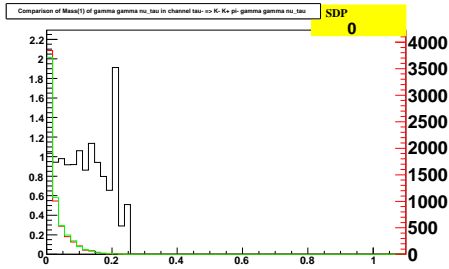
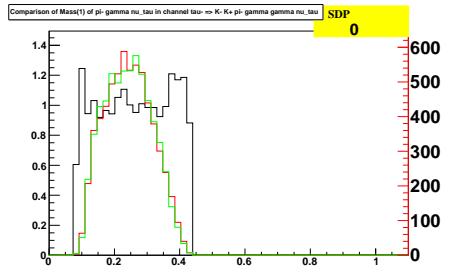
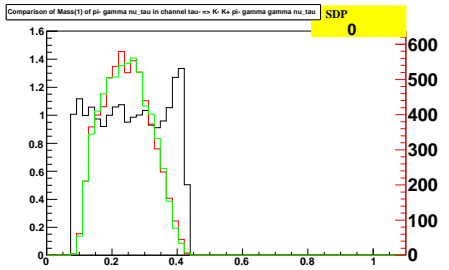
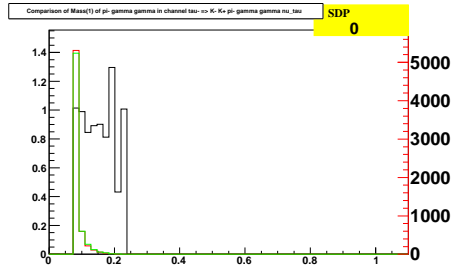
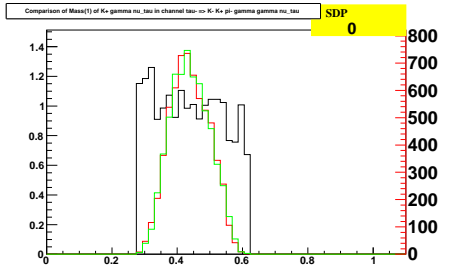
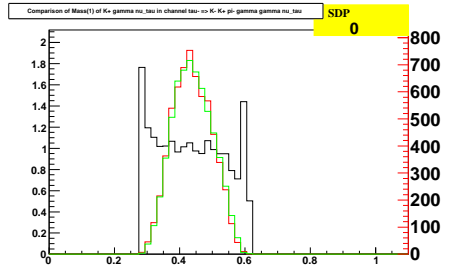
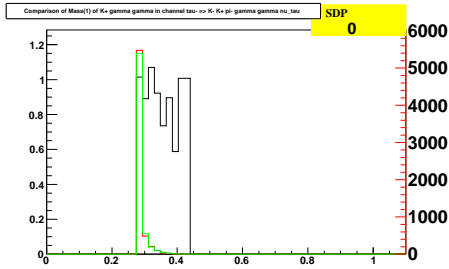
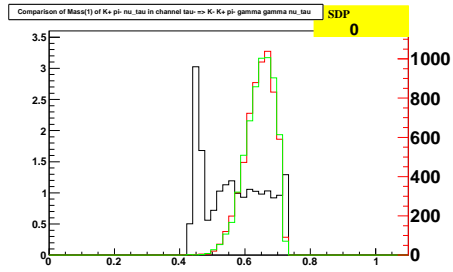
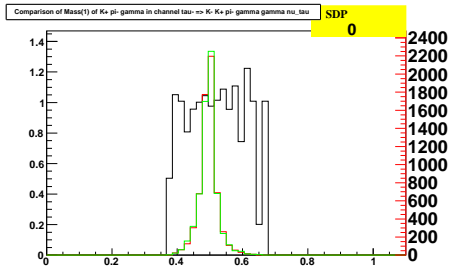
Number of events from generator 1: 6289 (scaled to generator2)

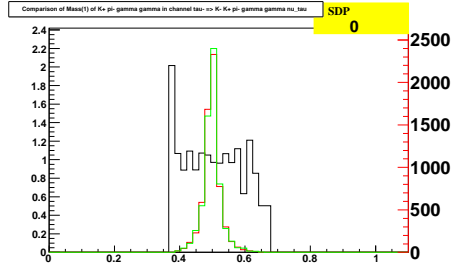
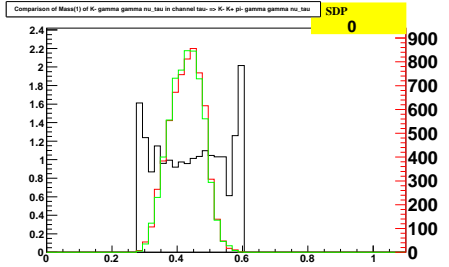
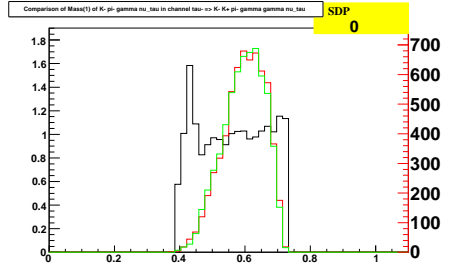
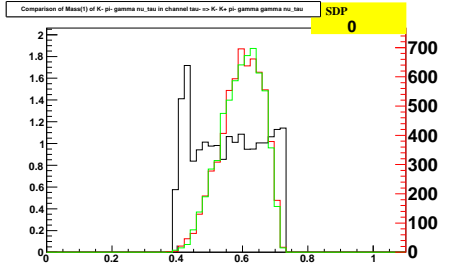
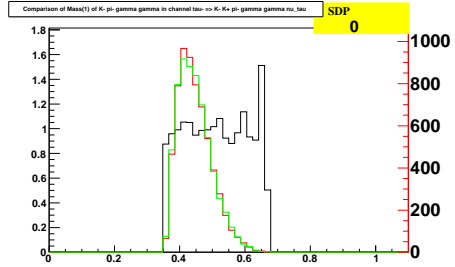
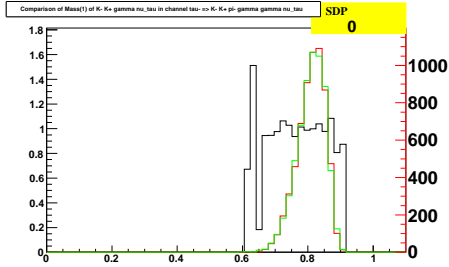
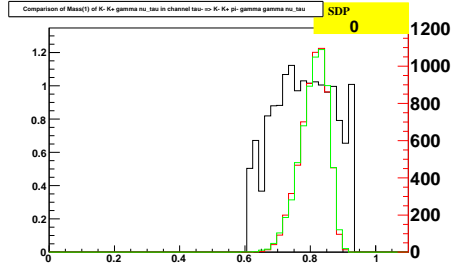
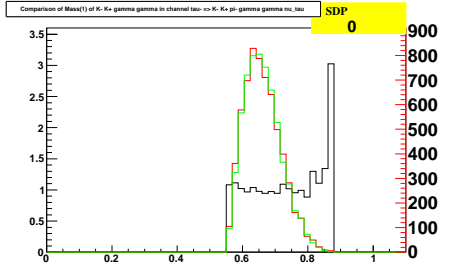
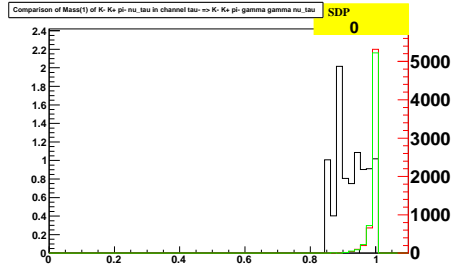
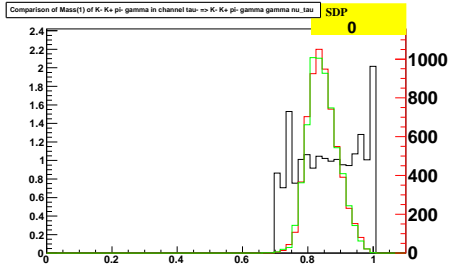
Number of events from generator 2: 6340



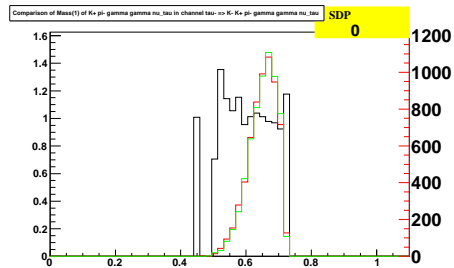
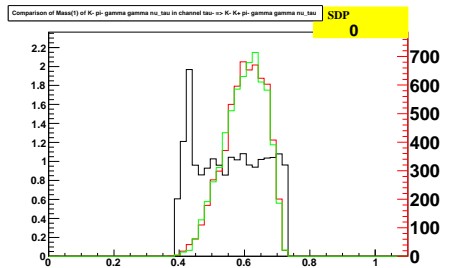
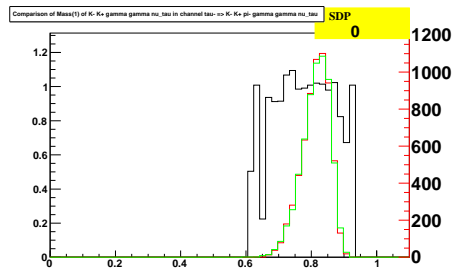
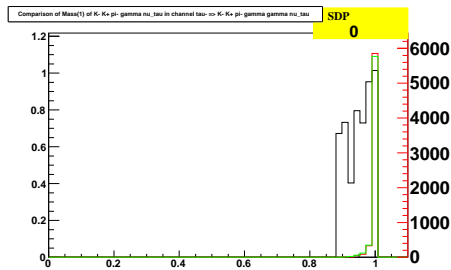
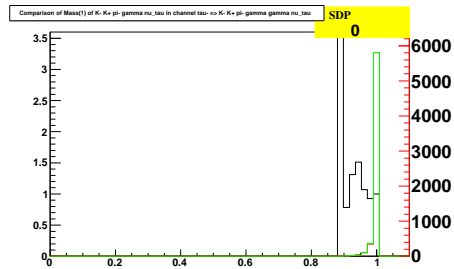
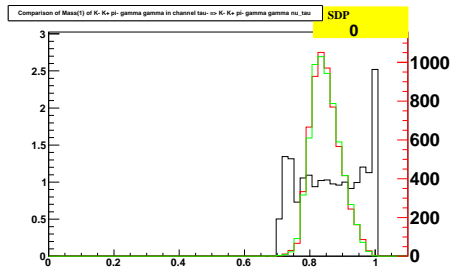
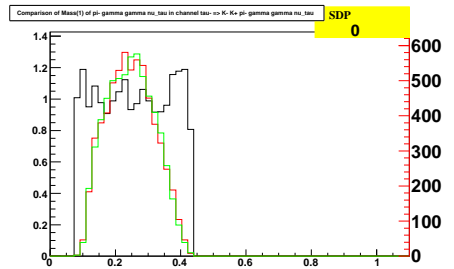
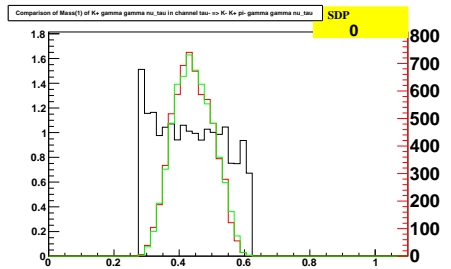
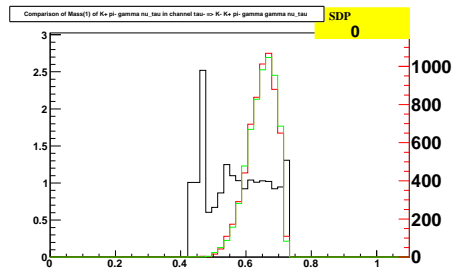
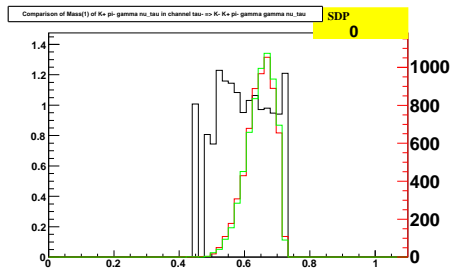


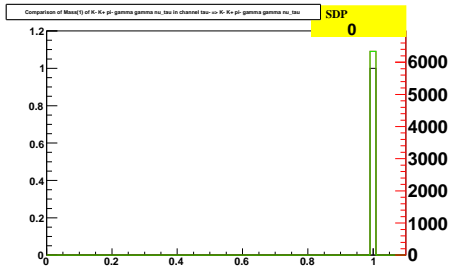








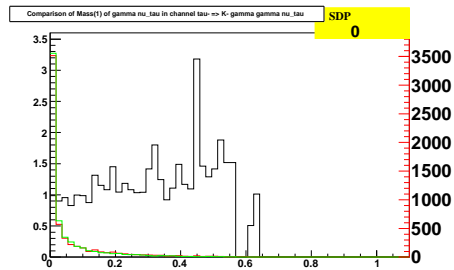
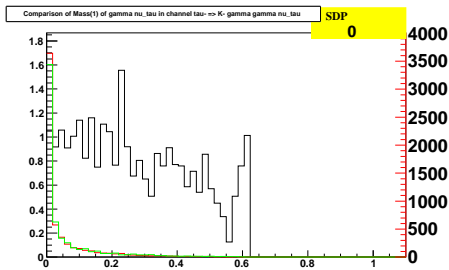
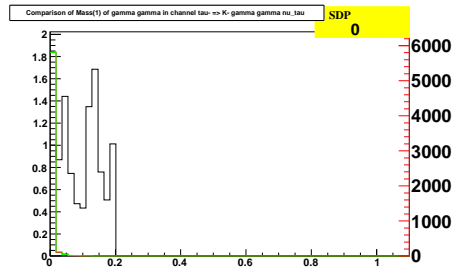
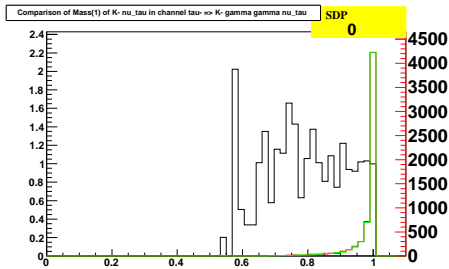
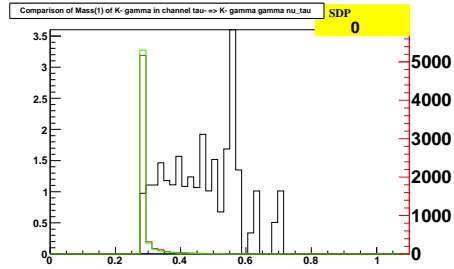
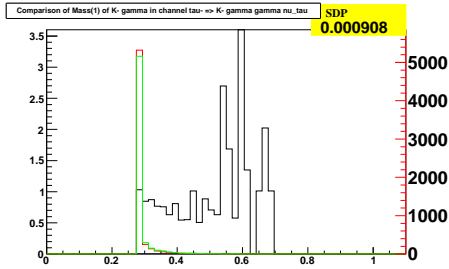


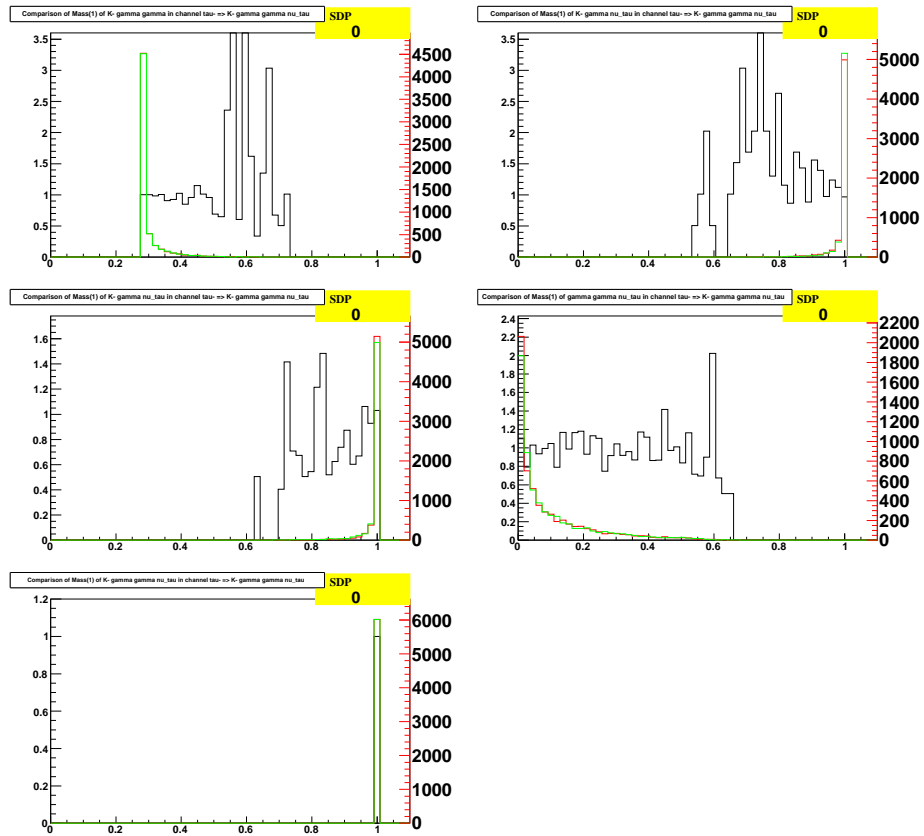


## 70 Decay Channel: $\tau^- \rightarrow K^- \gamma \gamma \nu_\tau$

Number of events from generator 1: 5948 (scaled to generator2)

Number of events from generator 2: 6018

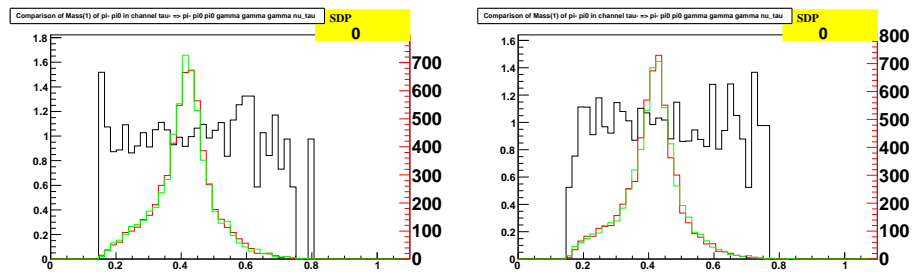


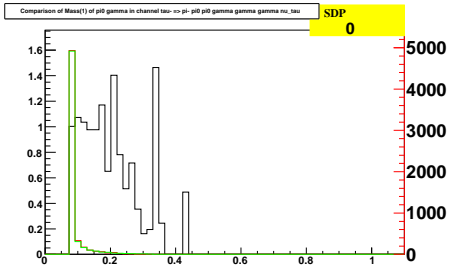
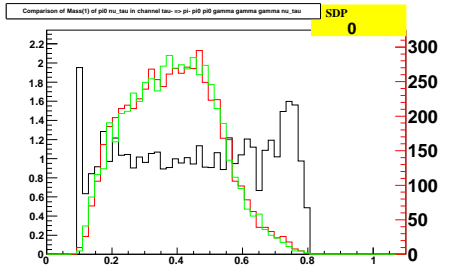
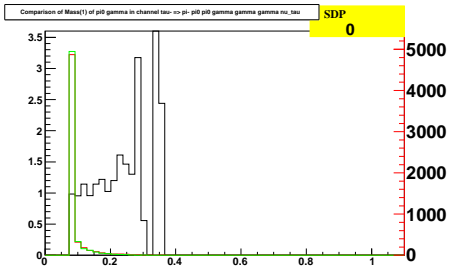
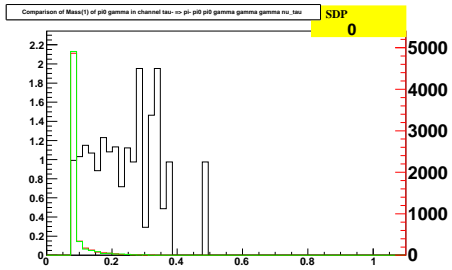
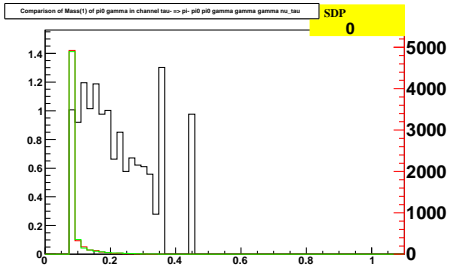
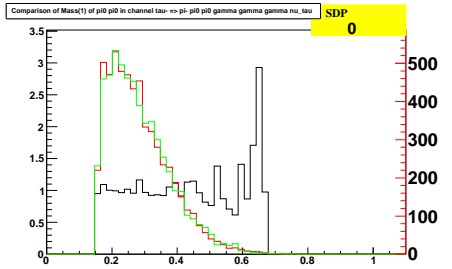
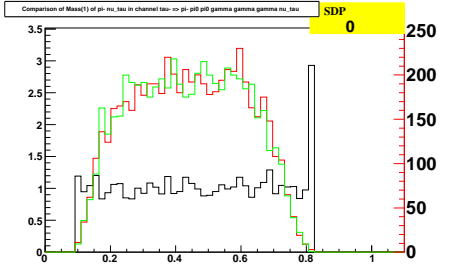
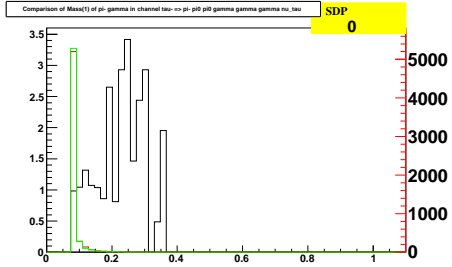
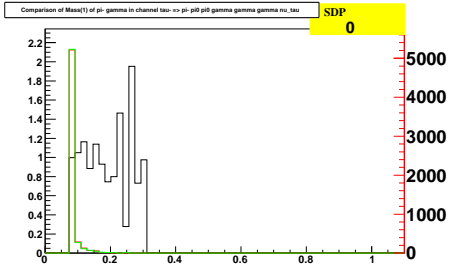
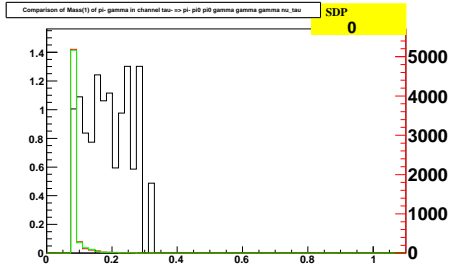


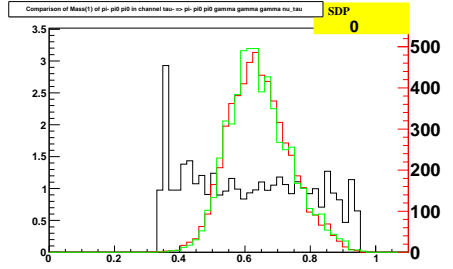
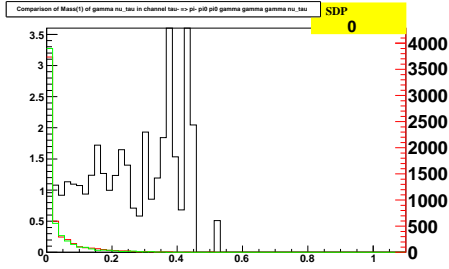
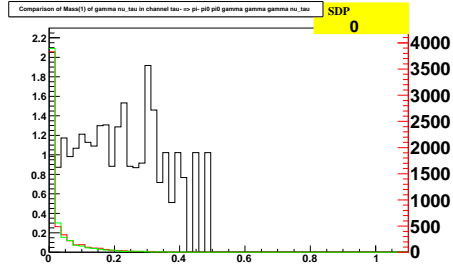
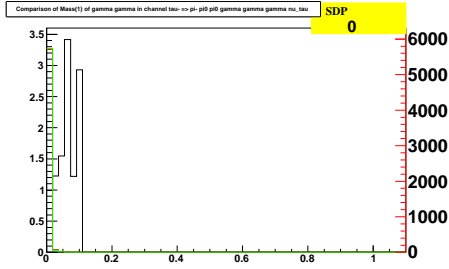
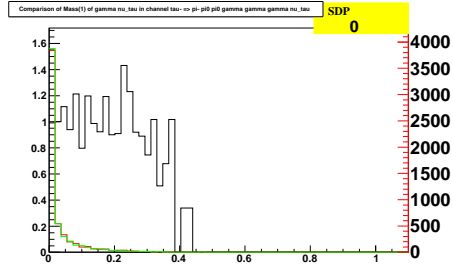
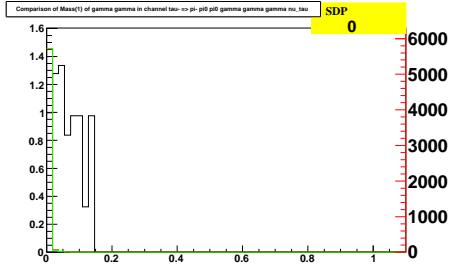
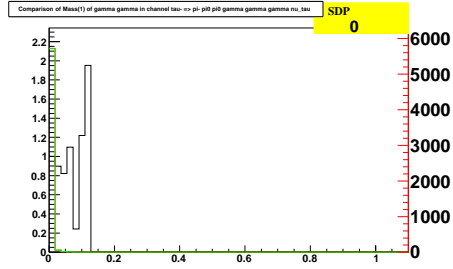
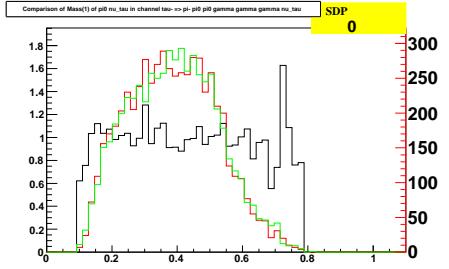
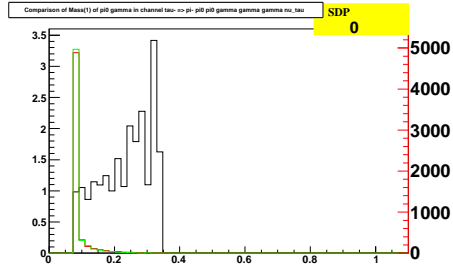
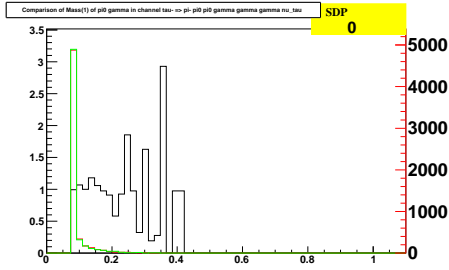
## 71 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \pi^0 \gamma \gamma \nu_\tau$

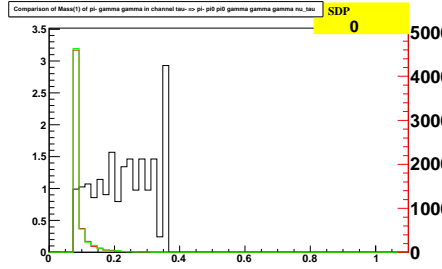
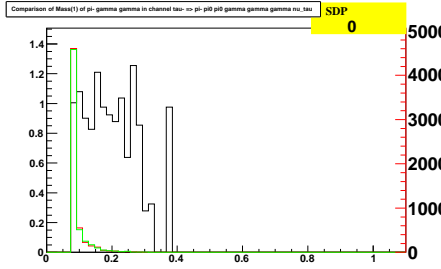
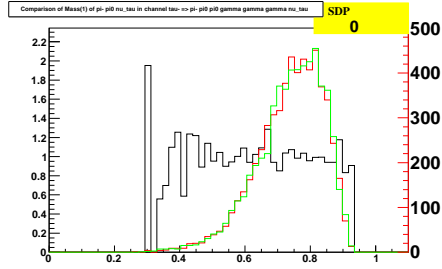
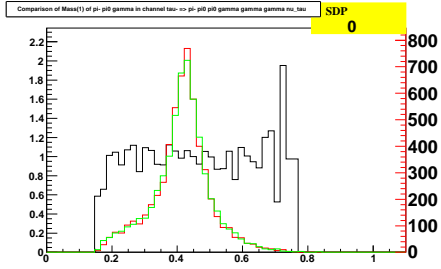
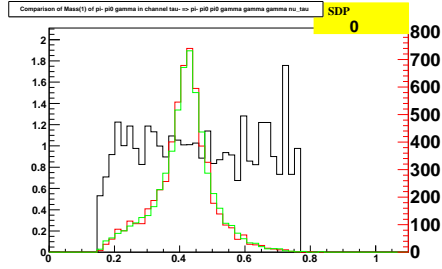
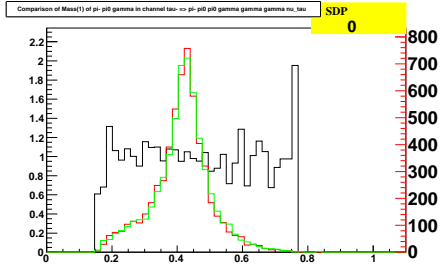
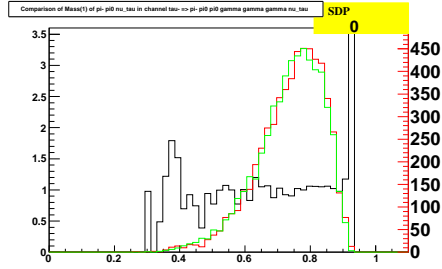
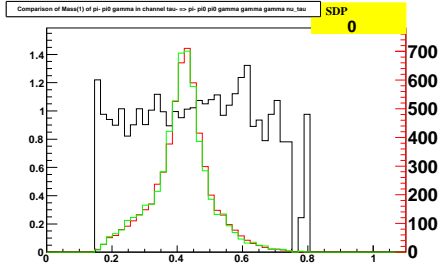
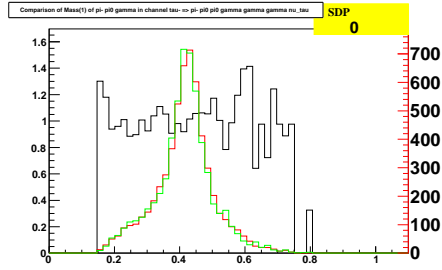
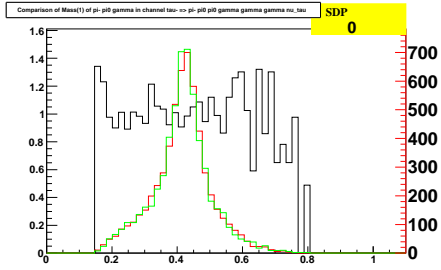
Number of events from generator 1: 5816

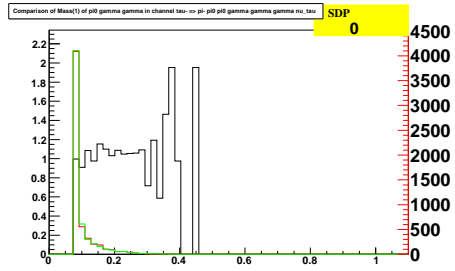
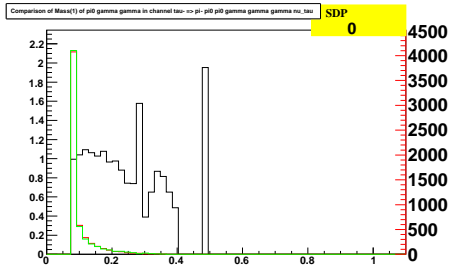
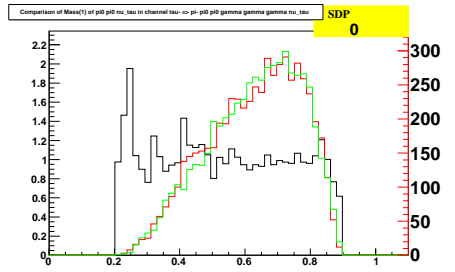
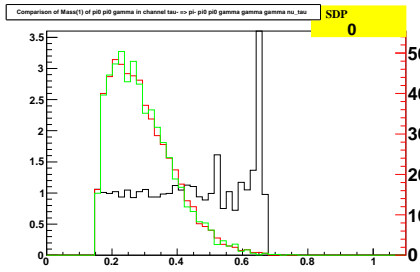
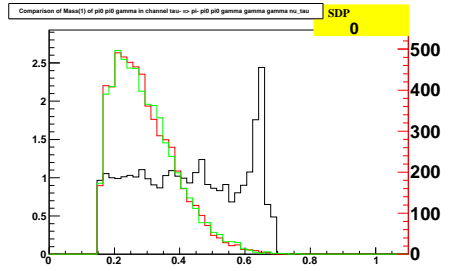
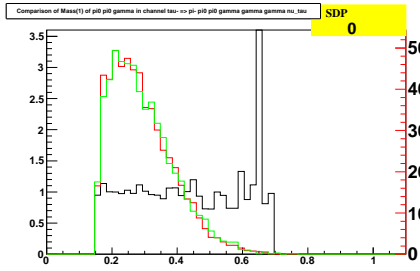
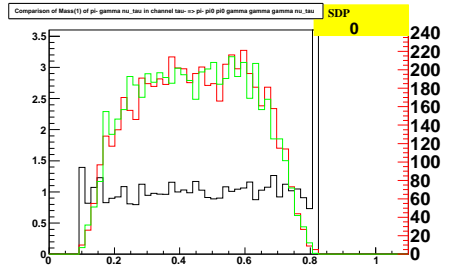
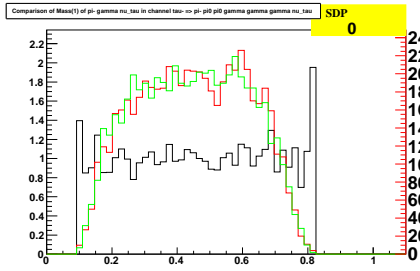
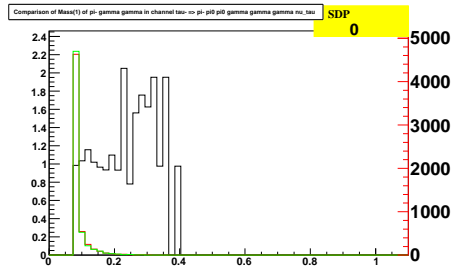
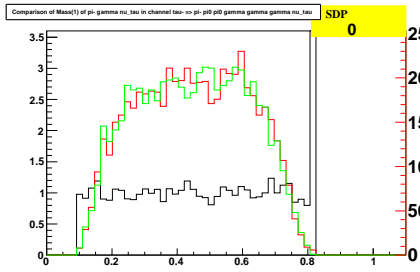
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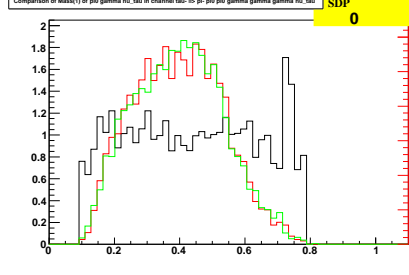
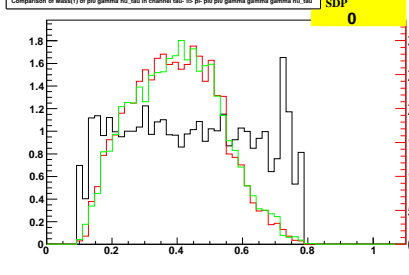
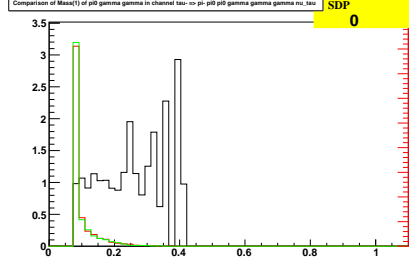
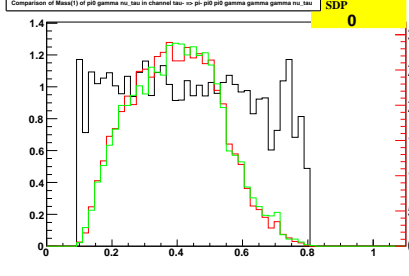
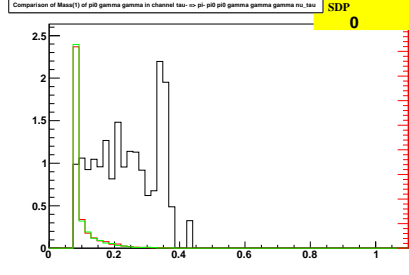
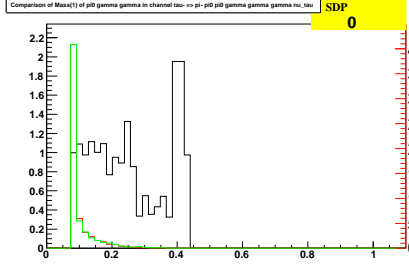
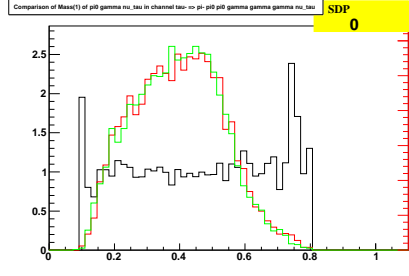
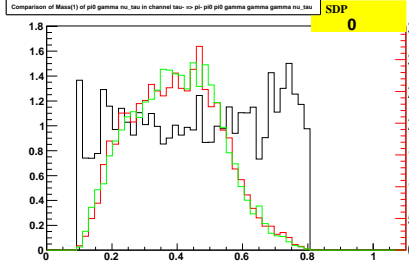
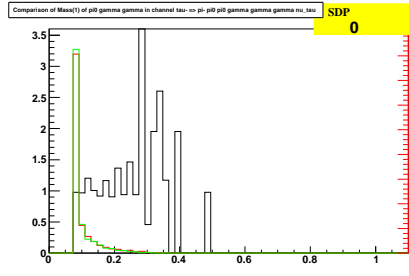
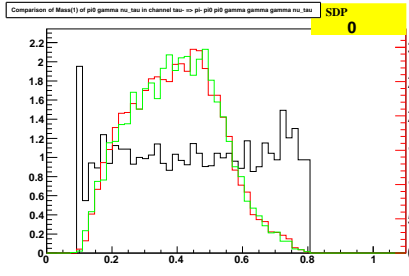




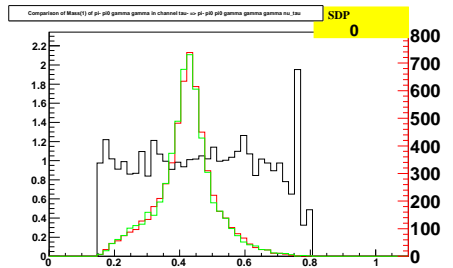
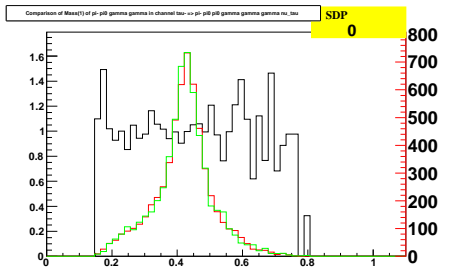
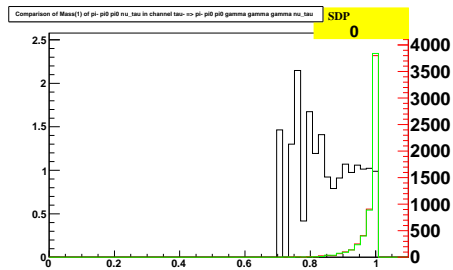
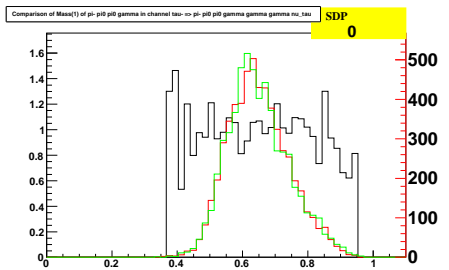
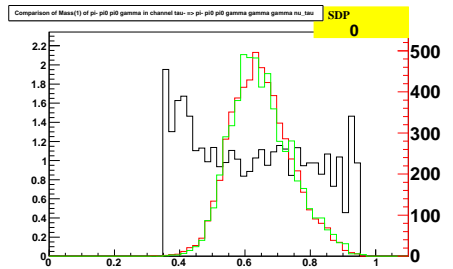
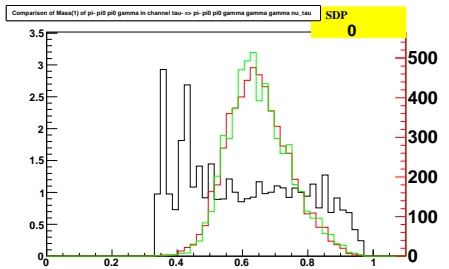
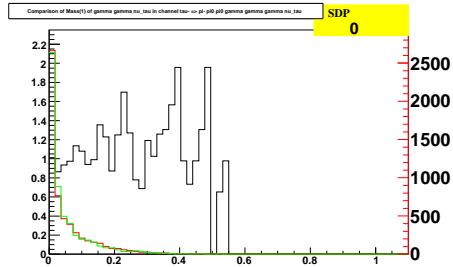
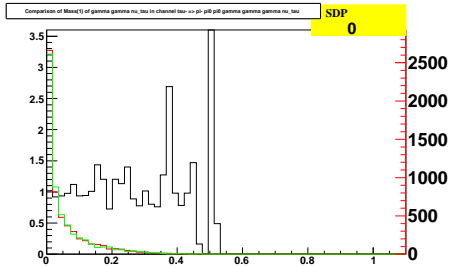
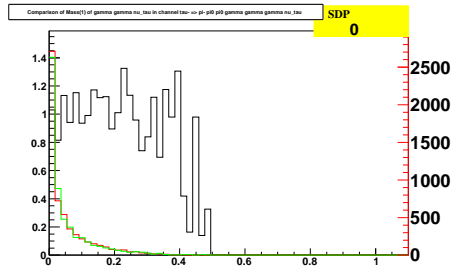
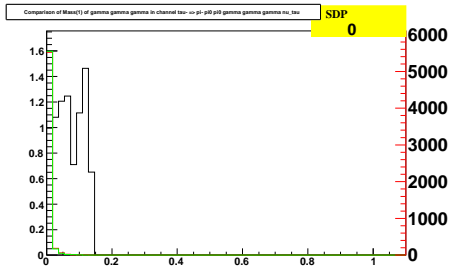


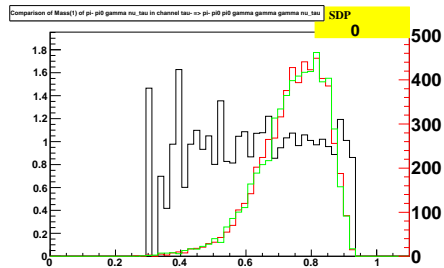
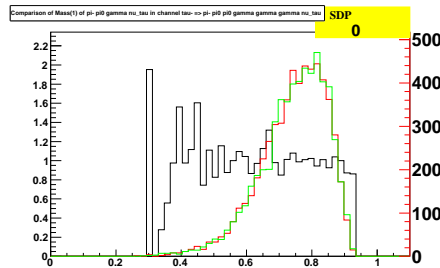
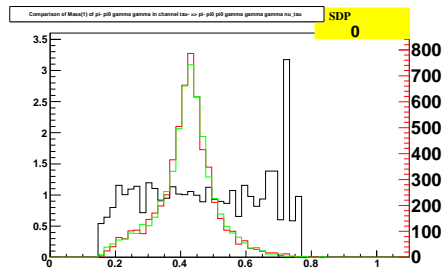
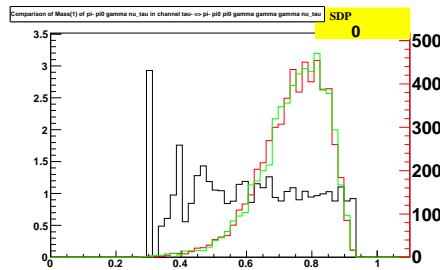
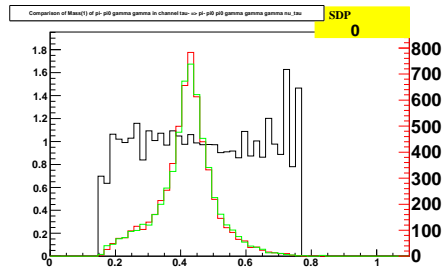
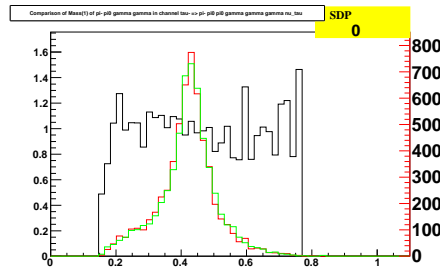
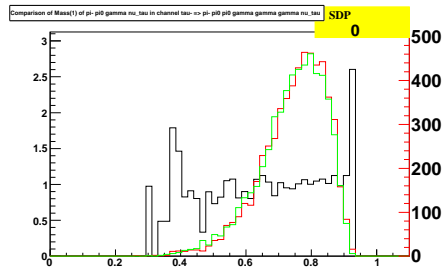
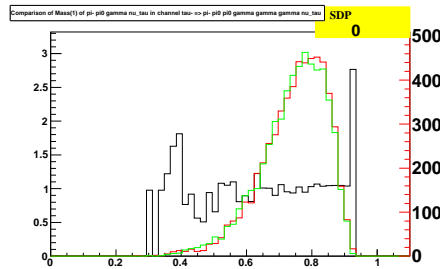
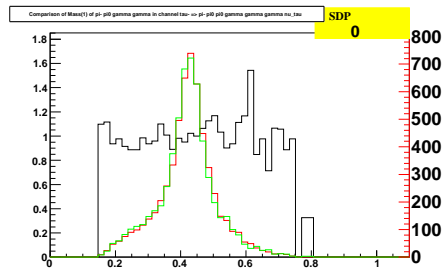
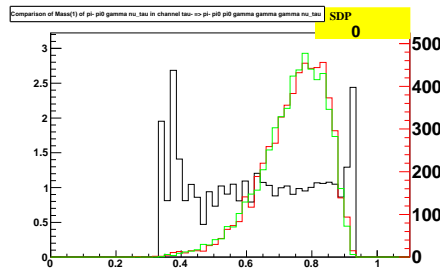


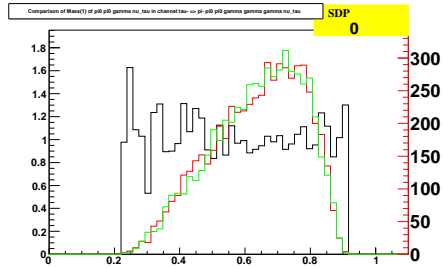
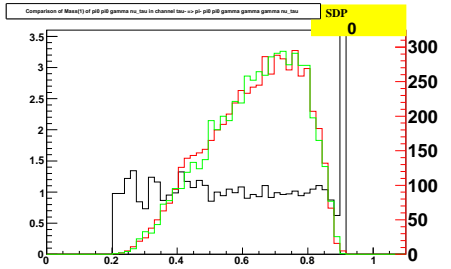
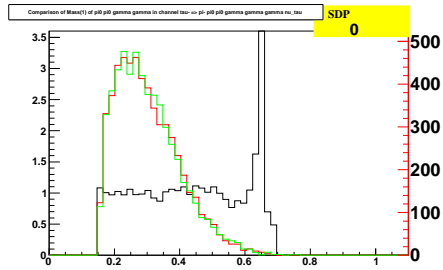
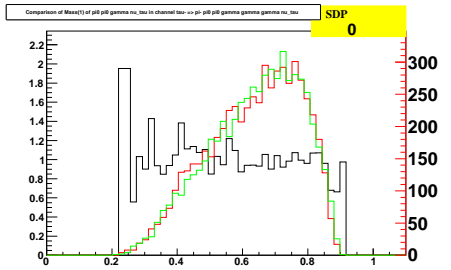
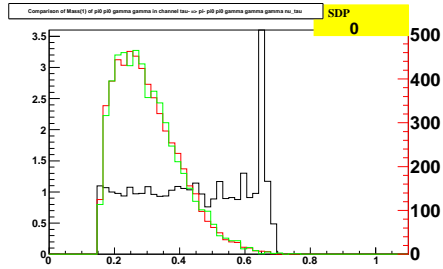
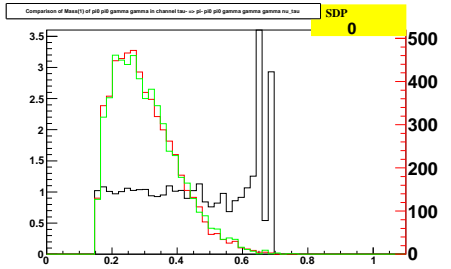
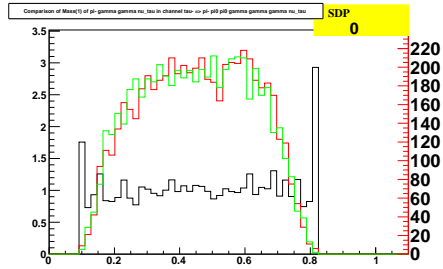
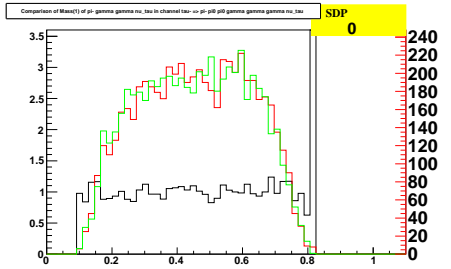
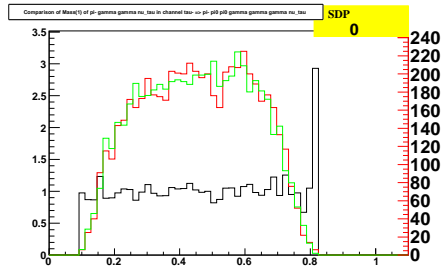
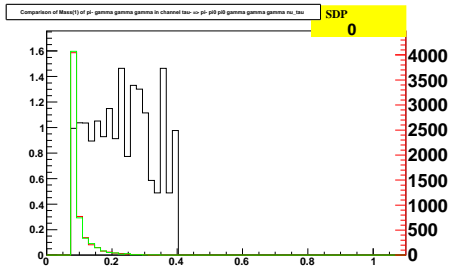


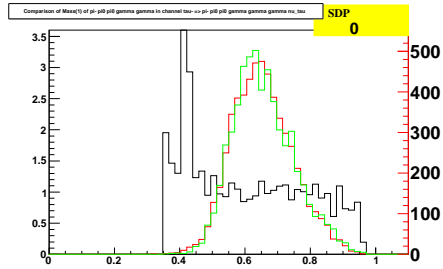
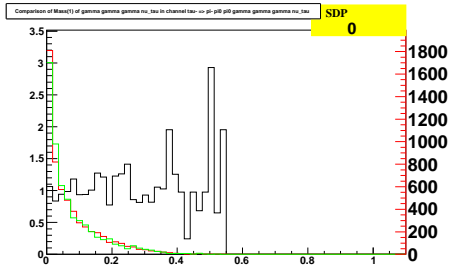
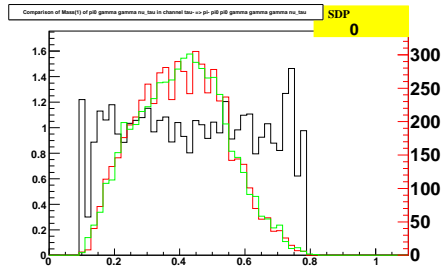
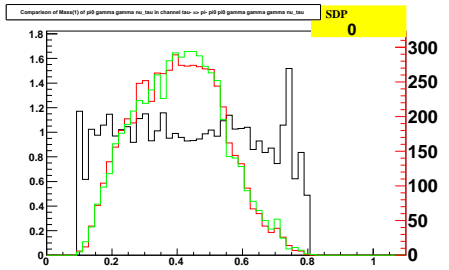
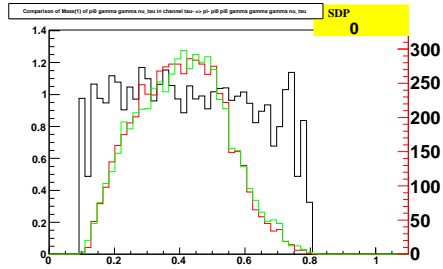
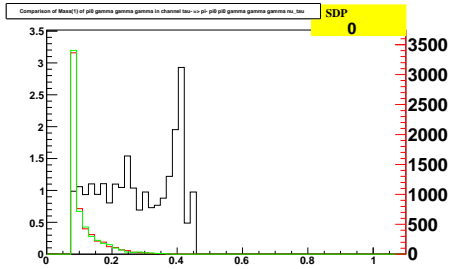
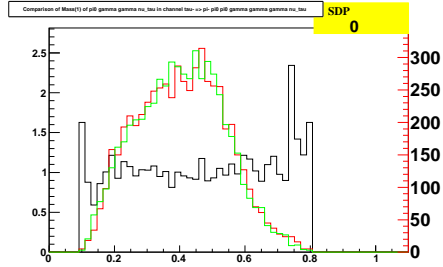
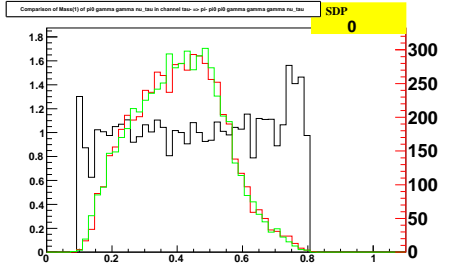
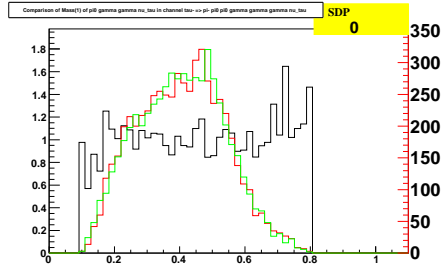
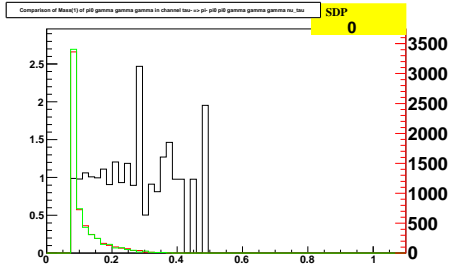


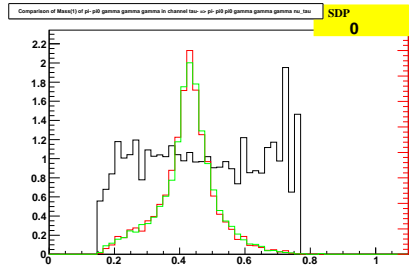
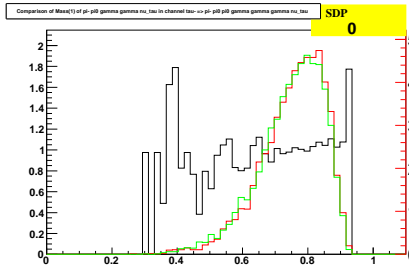
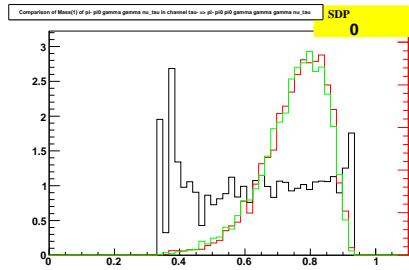
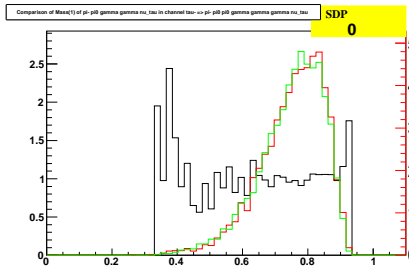
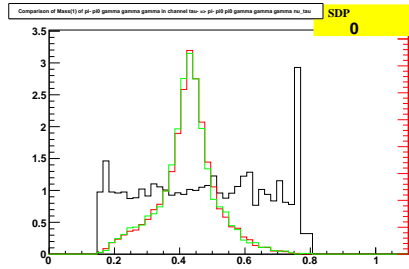
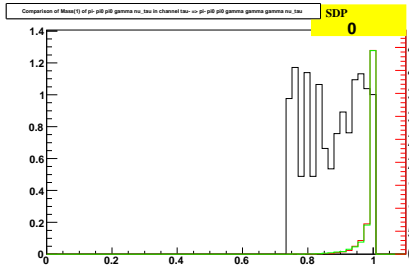
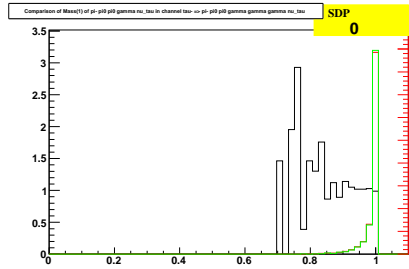
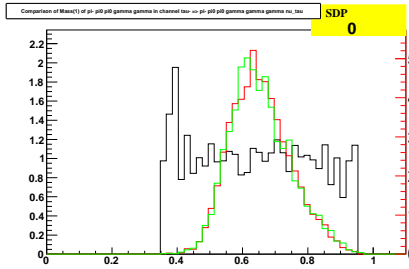
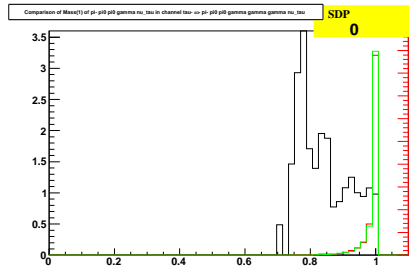
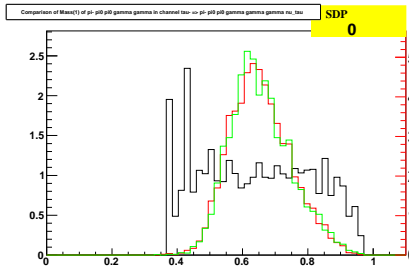


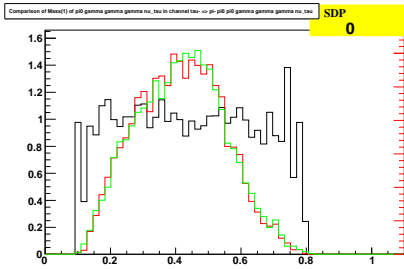
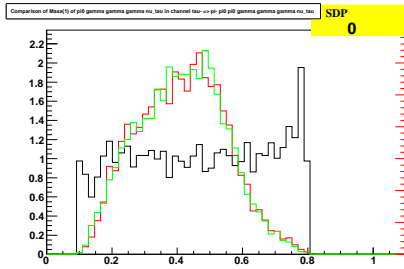
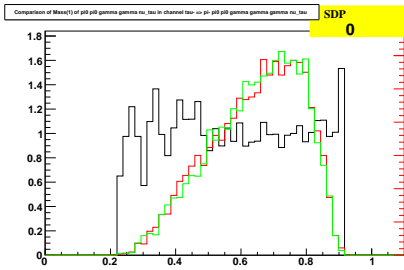
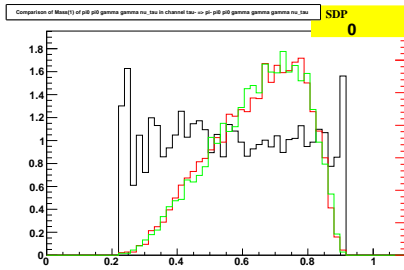
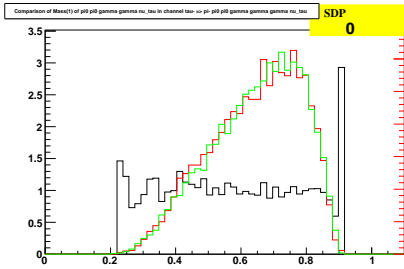
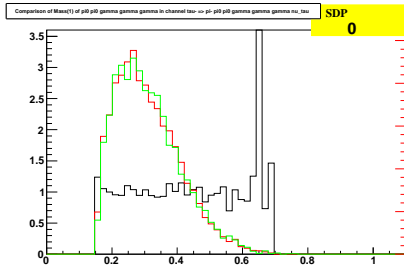
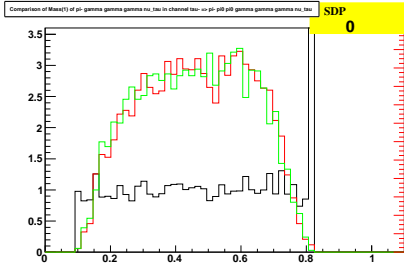
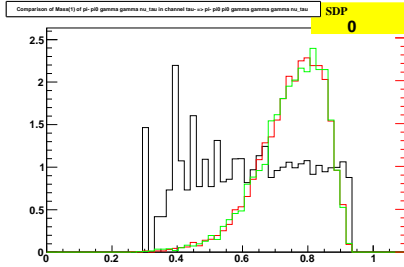
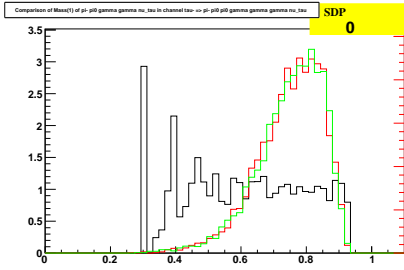
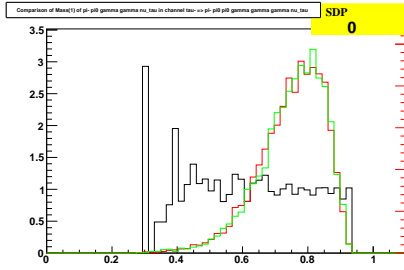


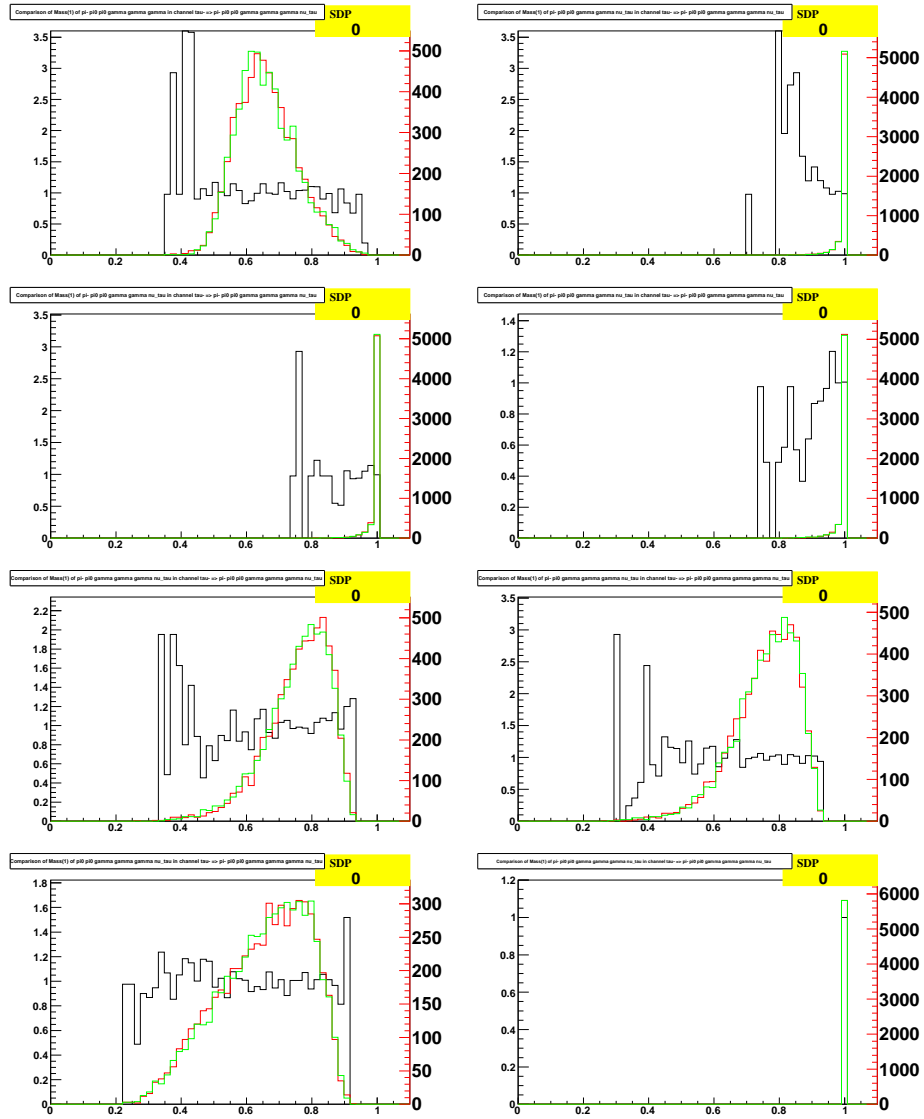








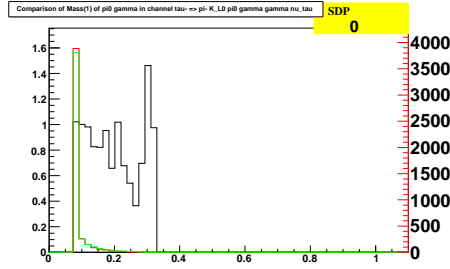
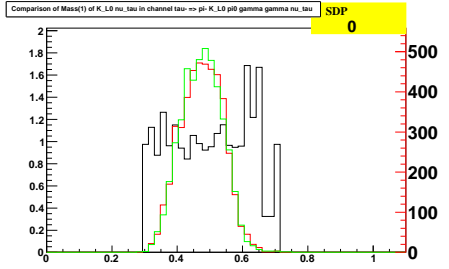
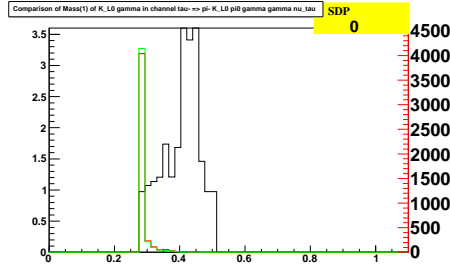
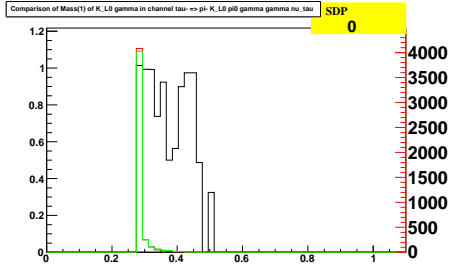
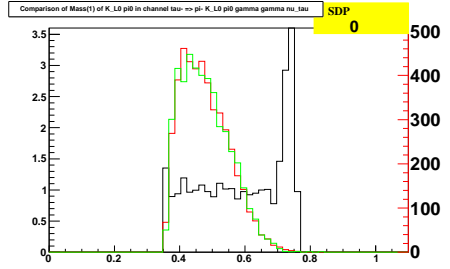
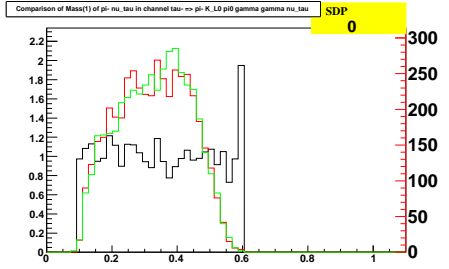
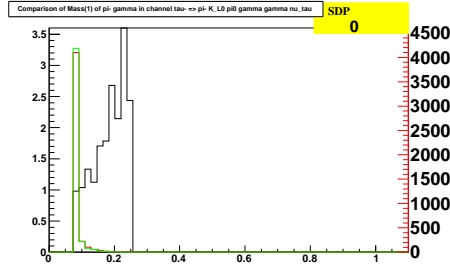
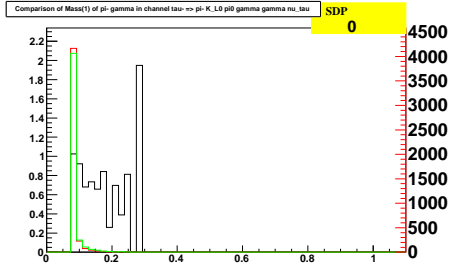
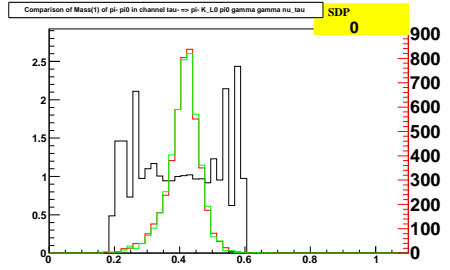
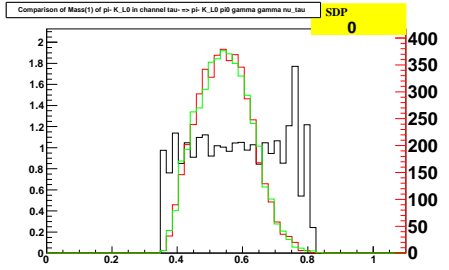




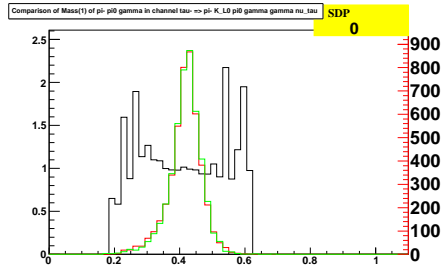
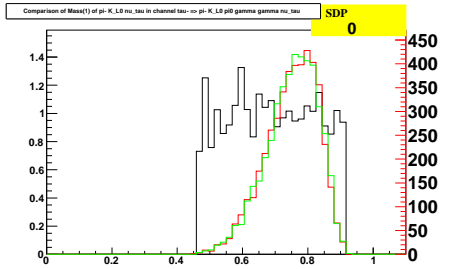
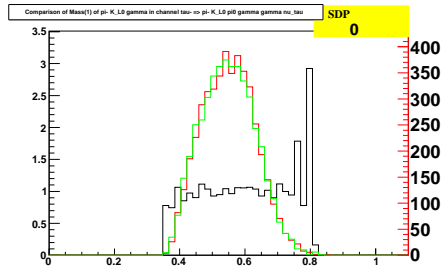
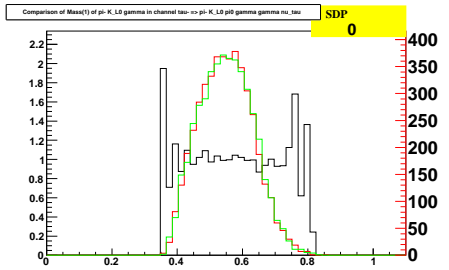
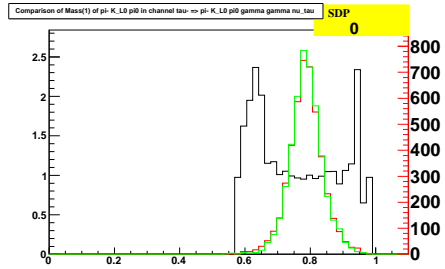
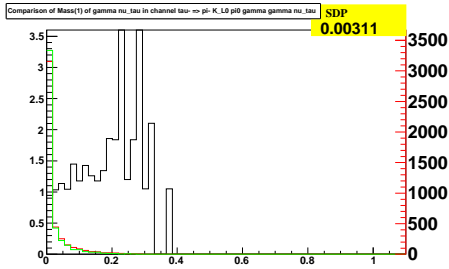
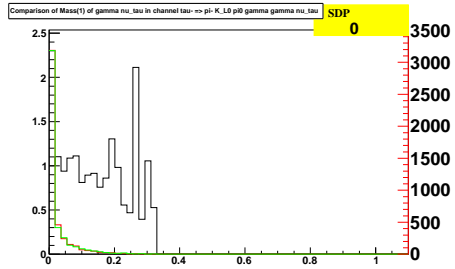
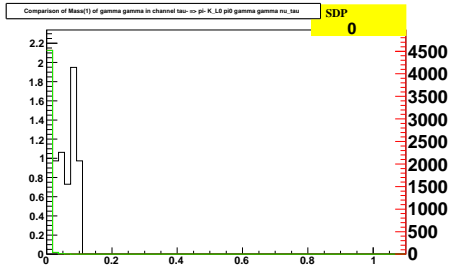
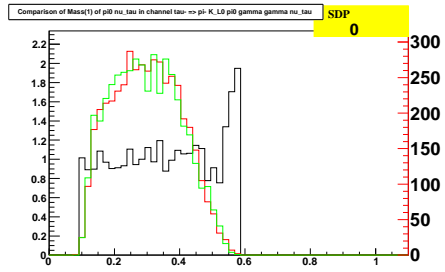
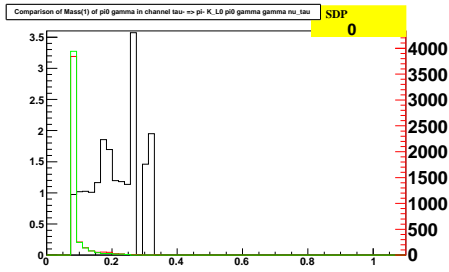
## 72 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \pi^0 \gamma \gamma \nu_\tau$

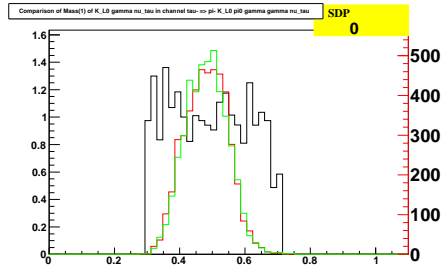
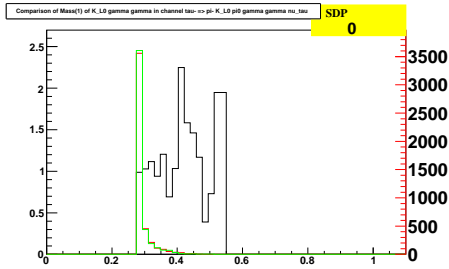
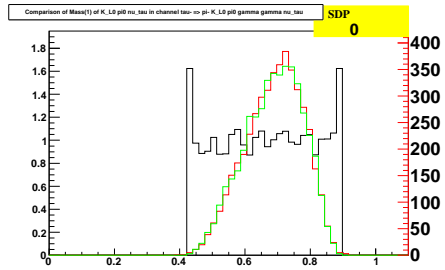
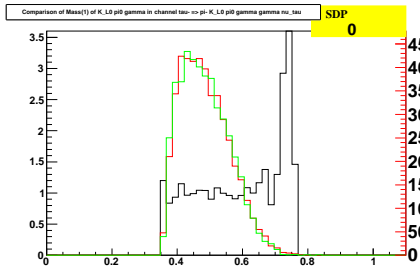
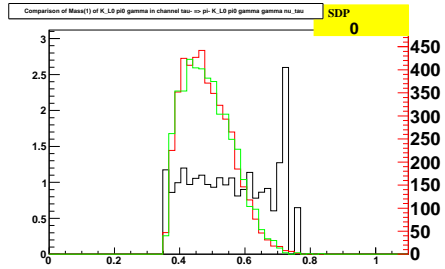
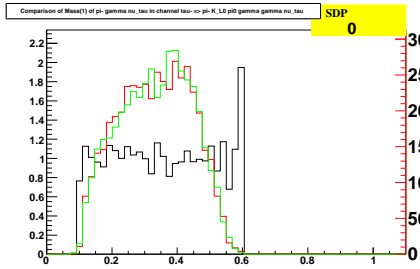
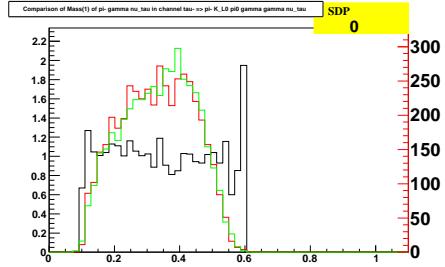
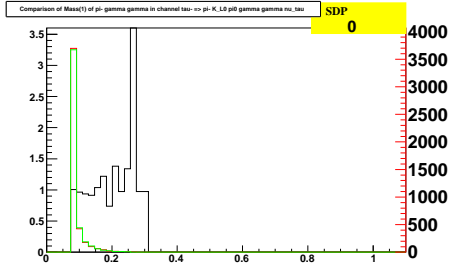
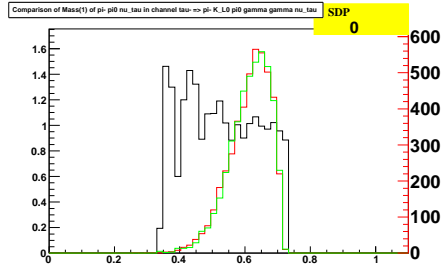
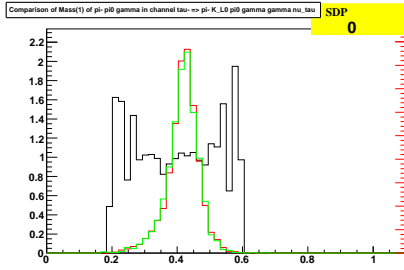
Number of events from generator 1: 4582

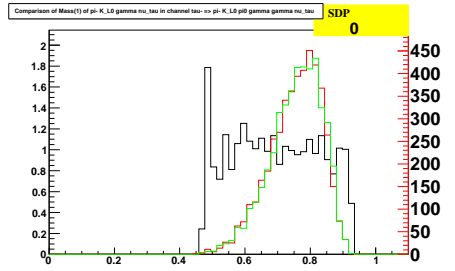
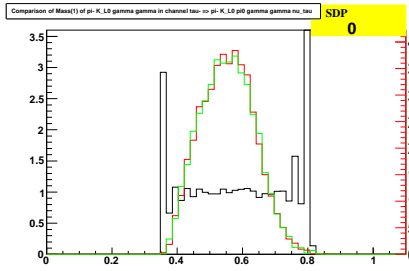
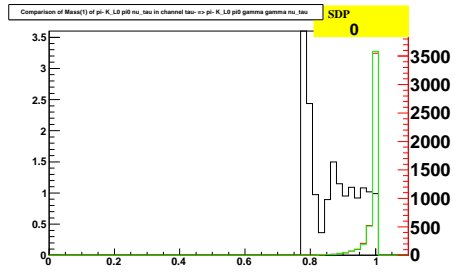
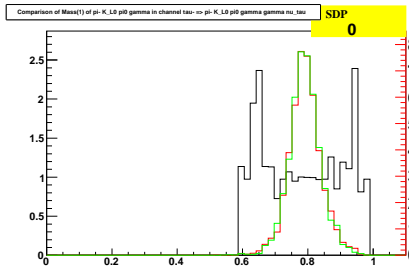
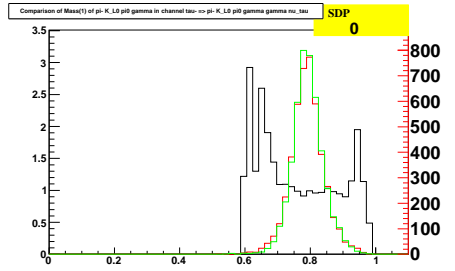
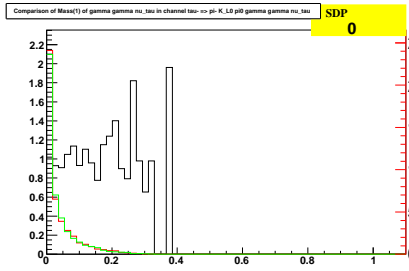
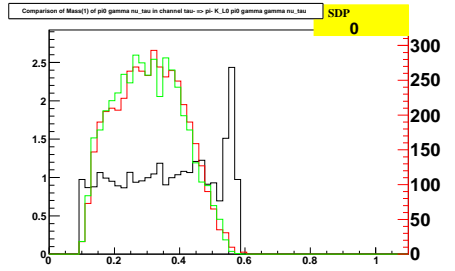
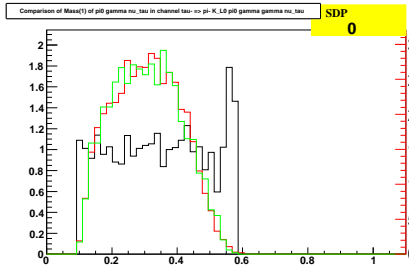
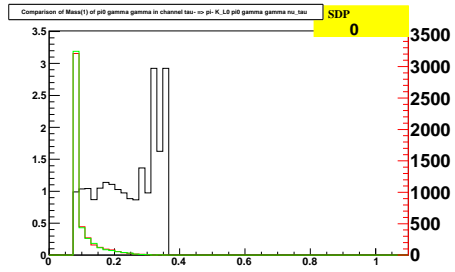
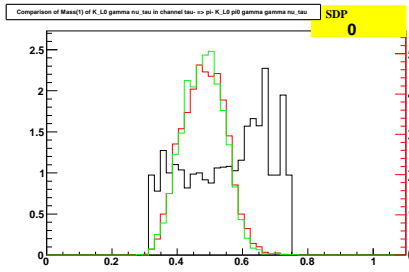
Number of events from generator 2: 4465 (scaled to generator 1)

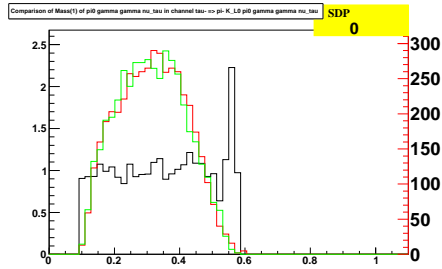
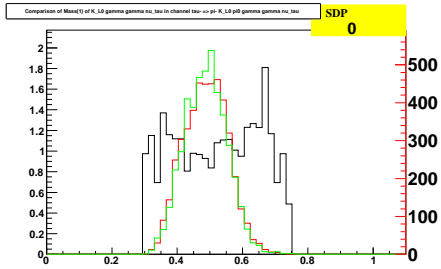
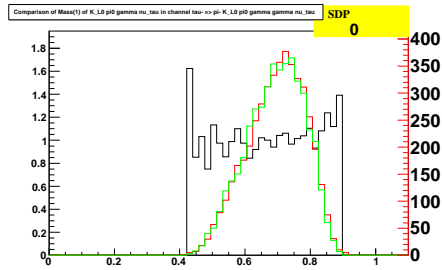
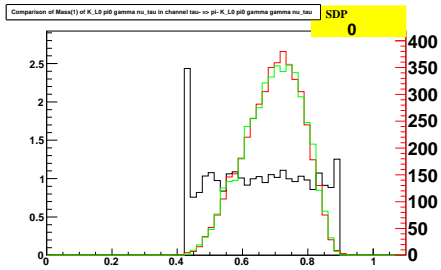
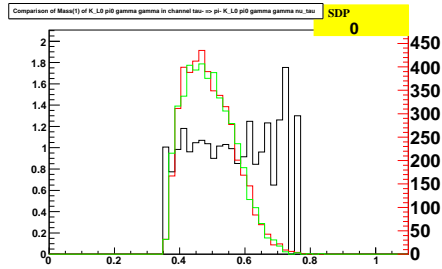
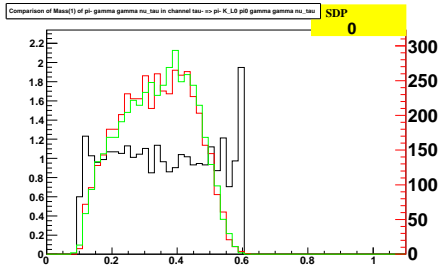
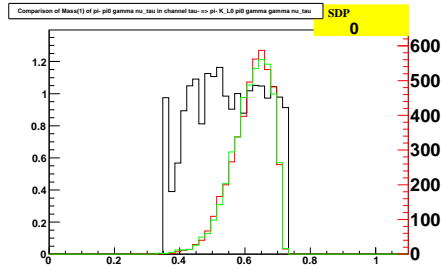
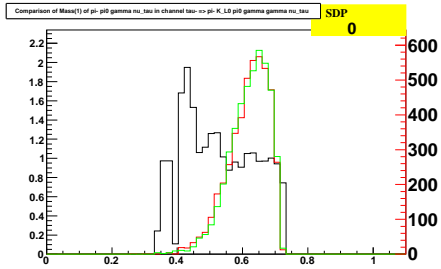
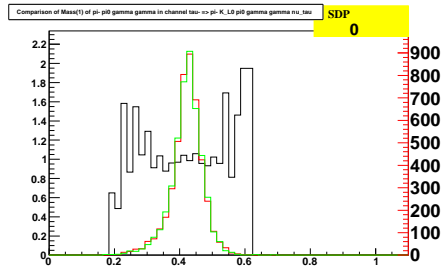
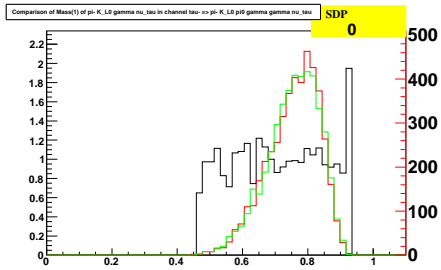


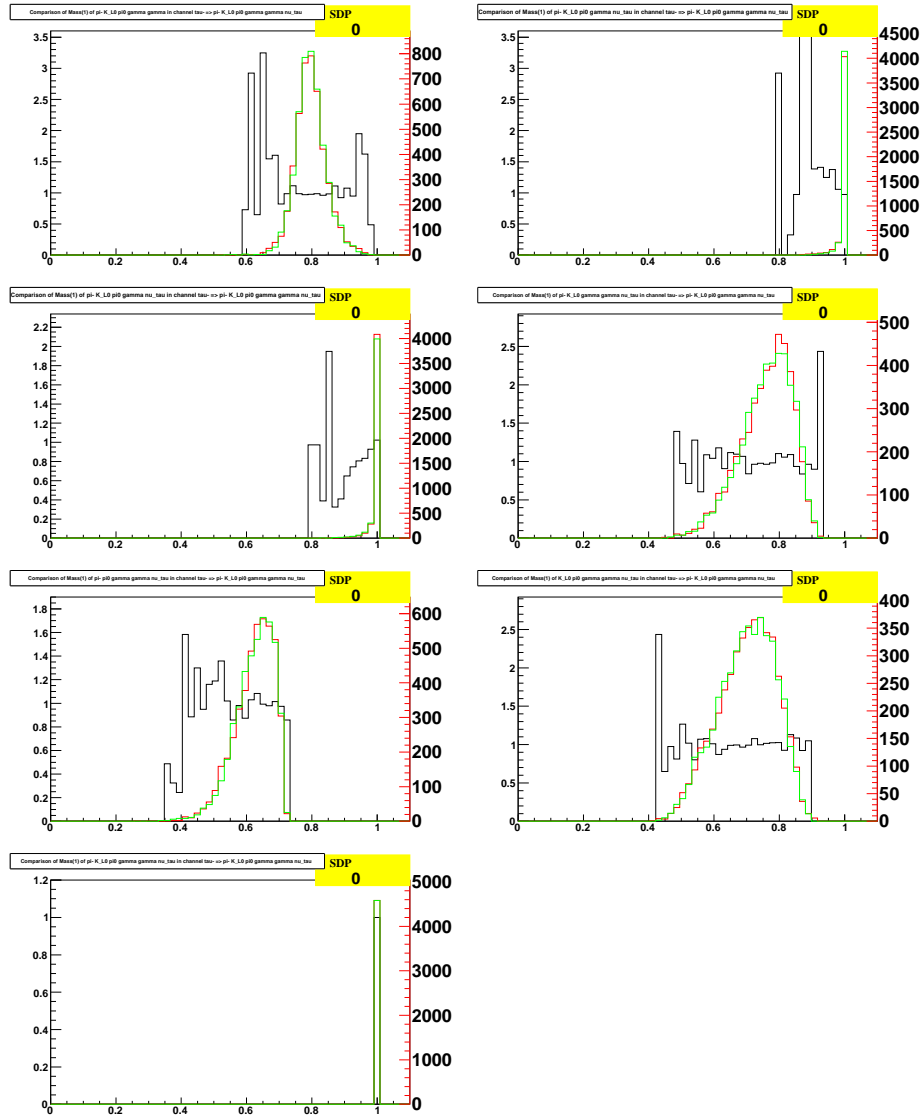








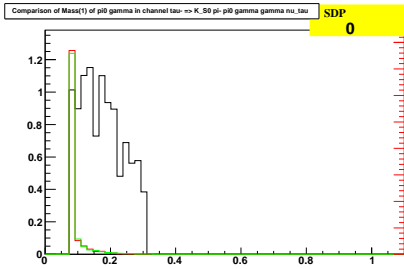
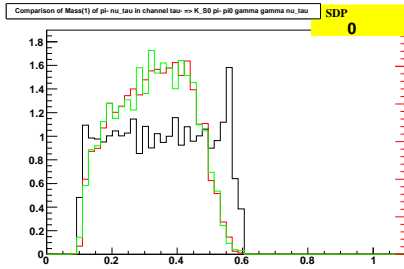
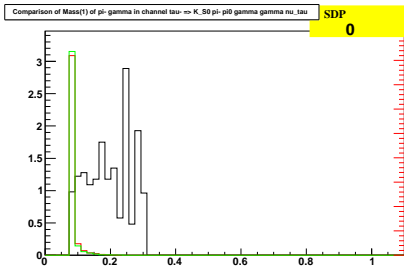
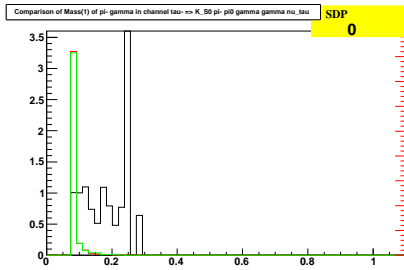
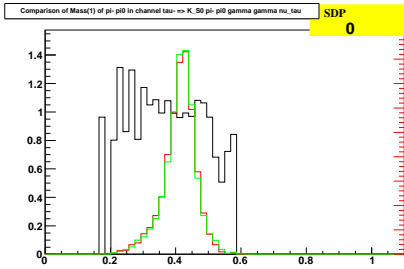
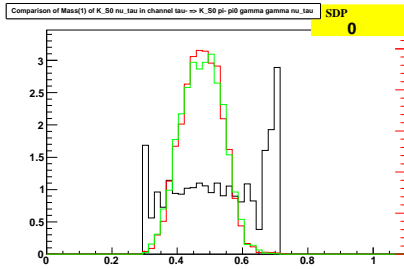
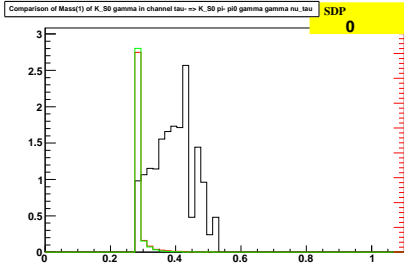
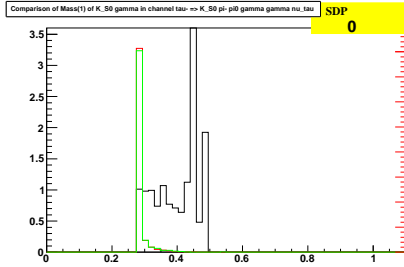
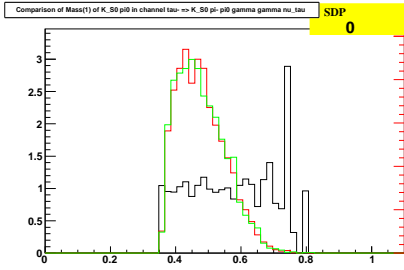
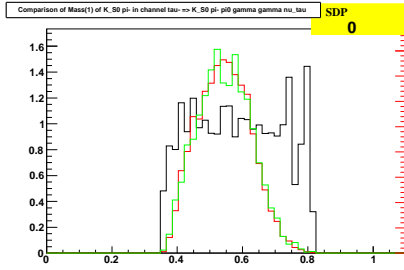


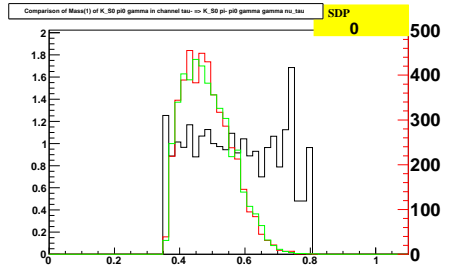
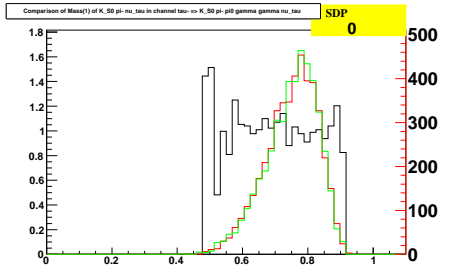
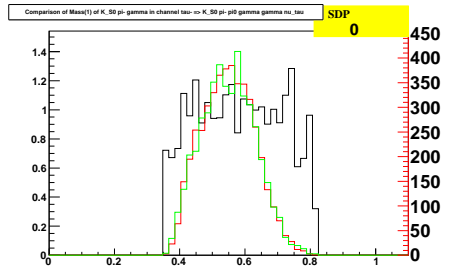
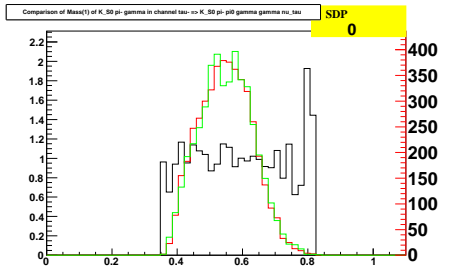
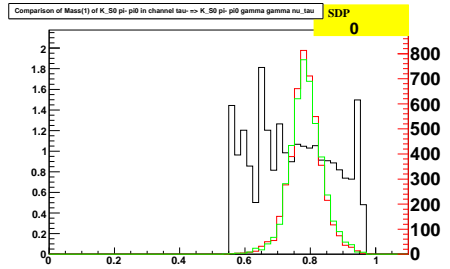
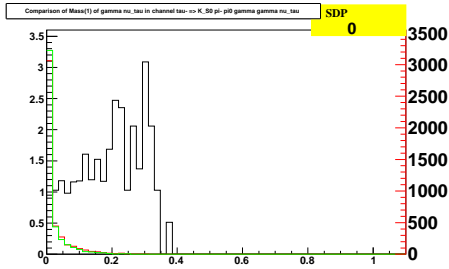
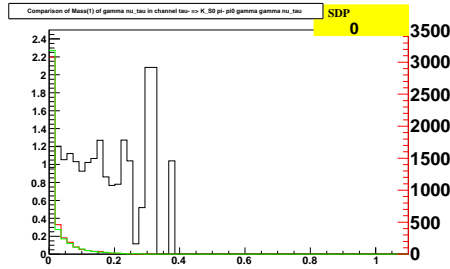
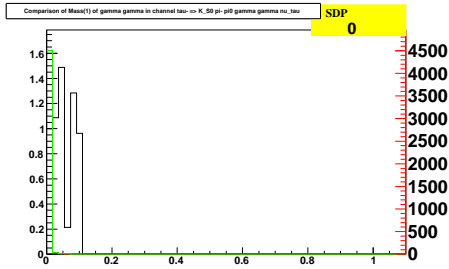
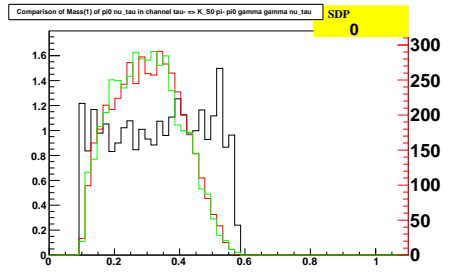
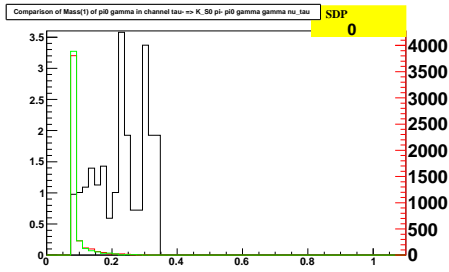


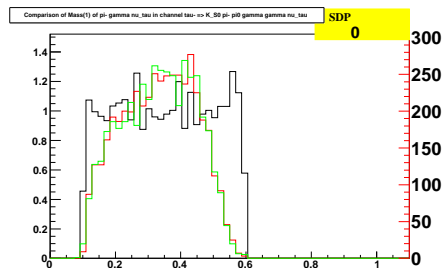
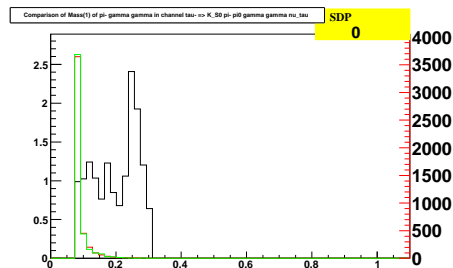
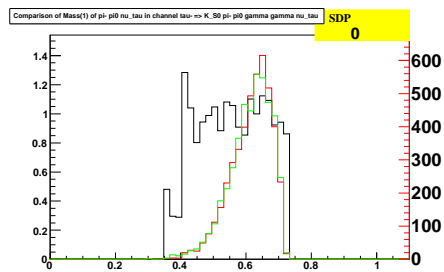
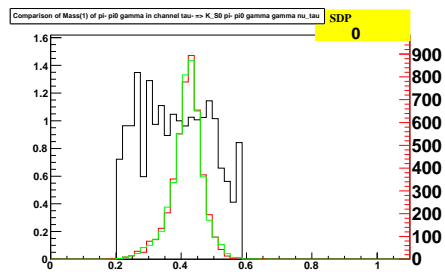
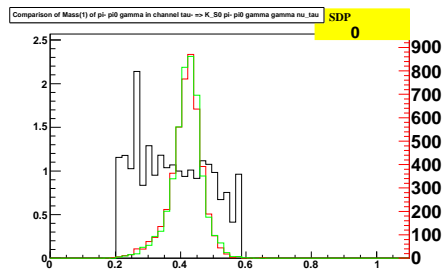
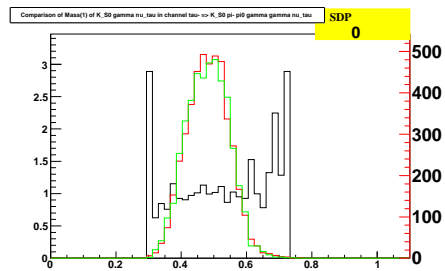
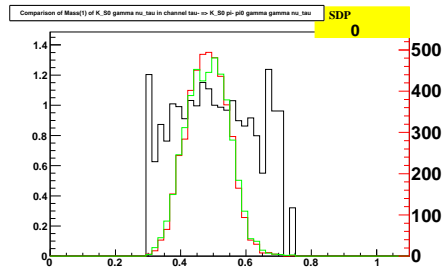
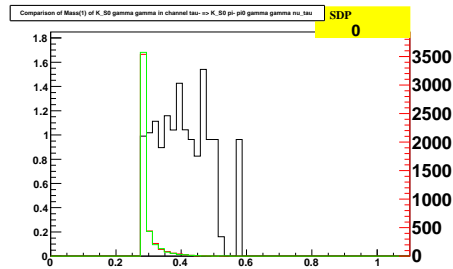
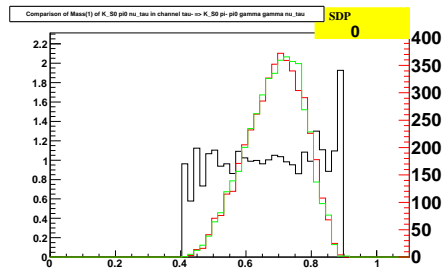
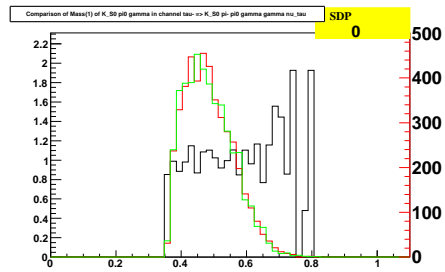
### 73 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \pi^0 \gamma \gamma \nu_\tau$

Number of events from generator 1: 4565

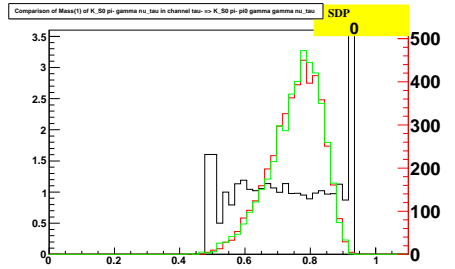
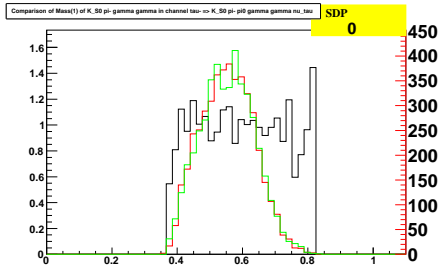
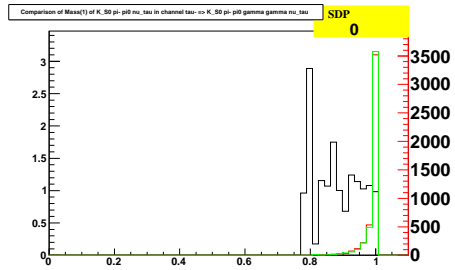
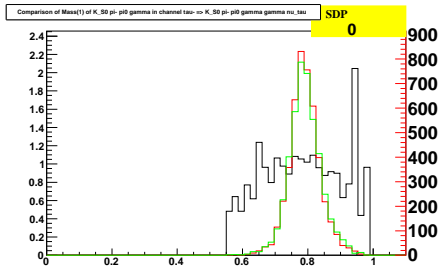
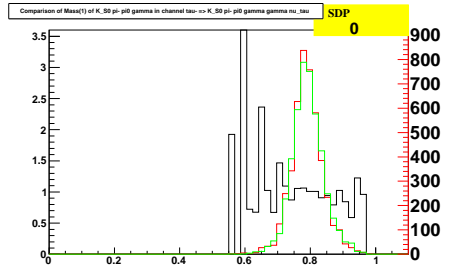
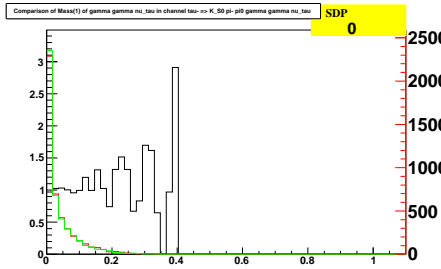
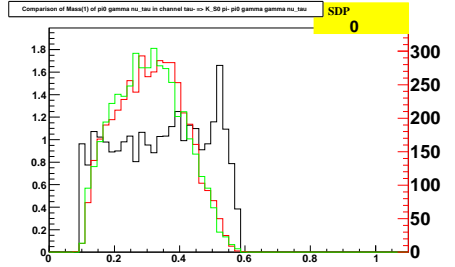
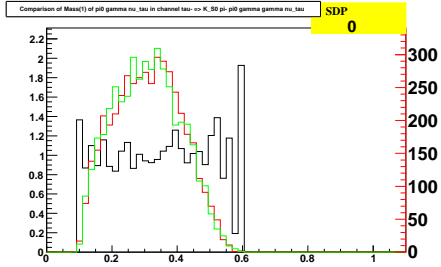
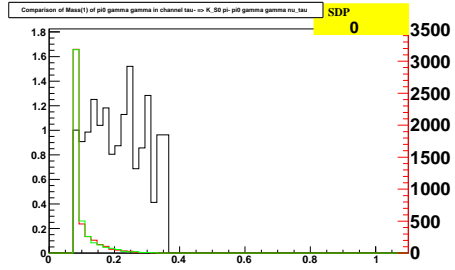
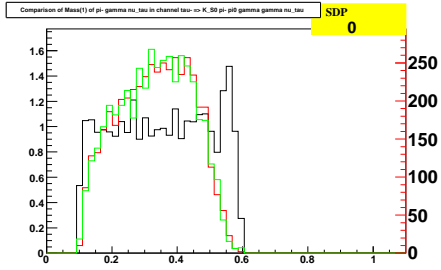
Number of events from generator 2: 4396 (scaled to generator1)

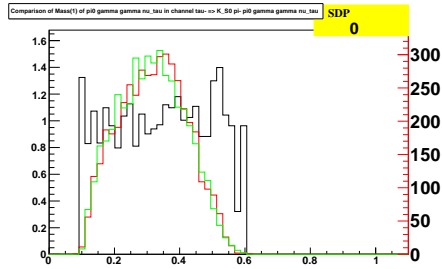
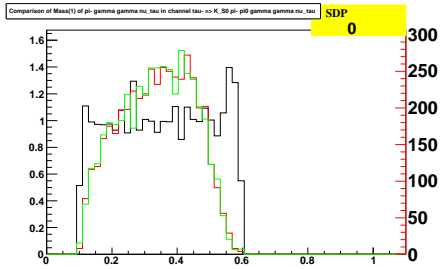
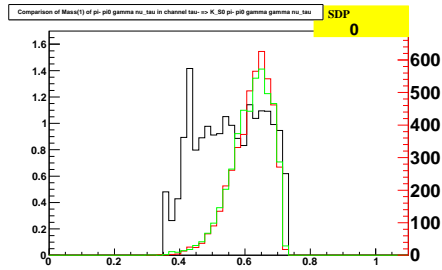
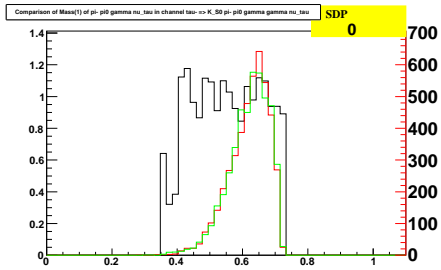
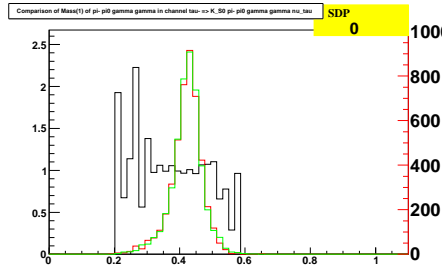
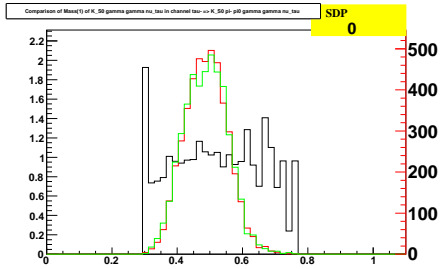
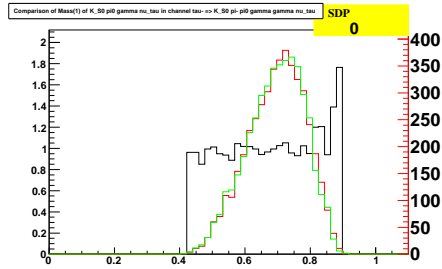
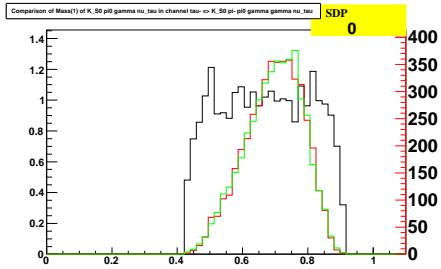
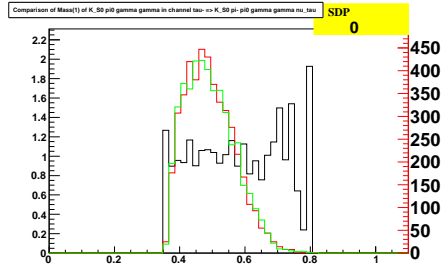
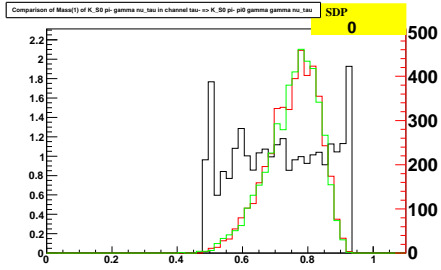


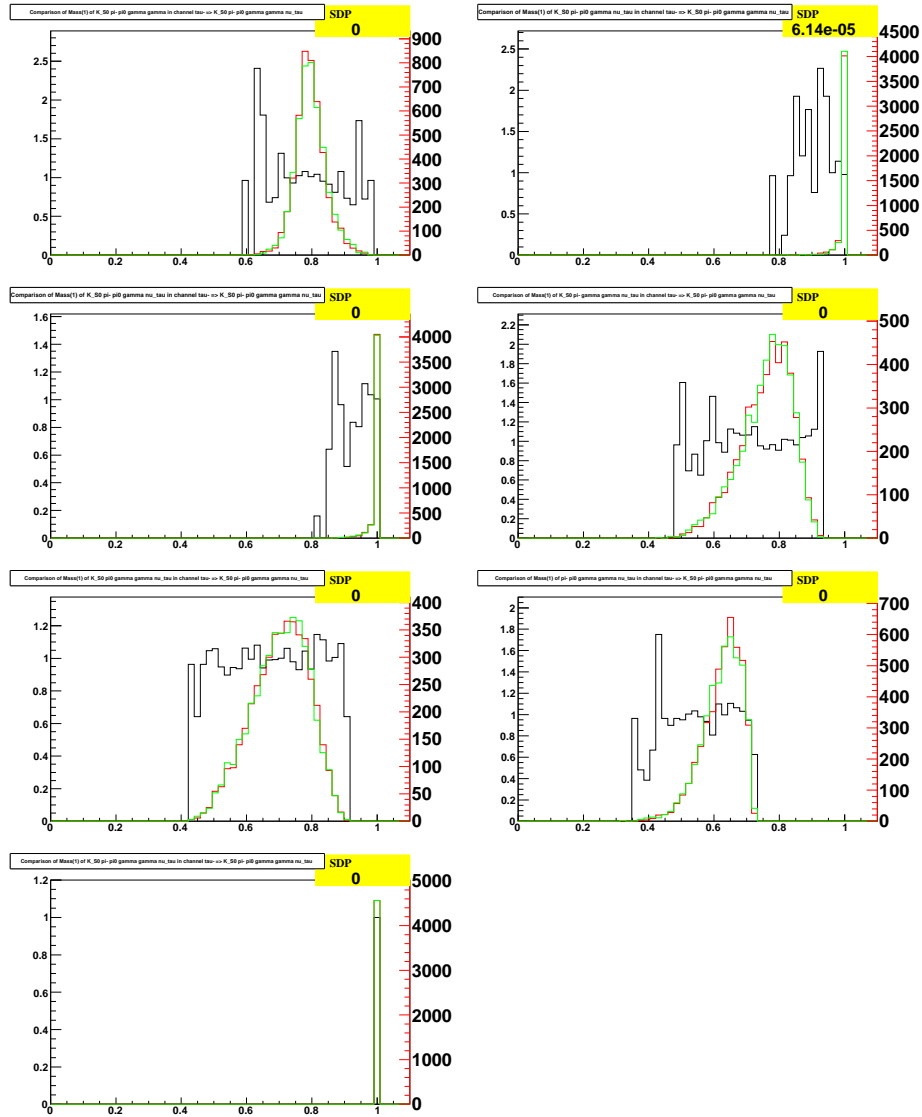








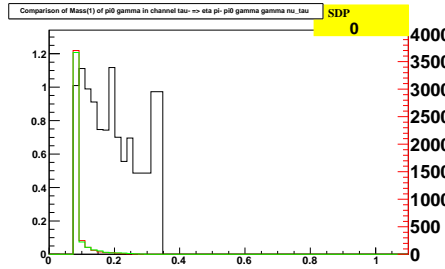
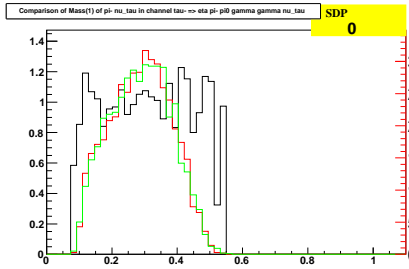
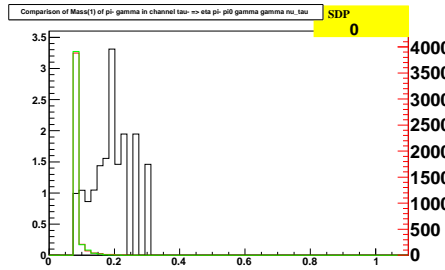
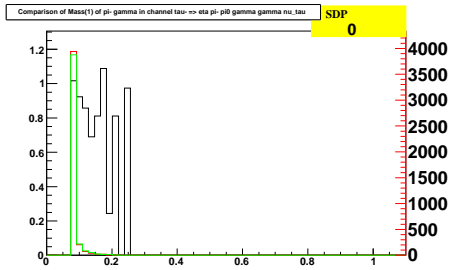
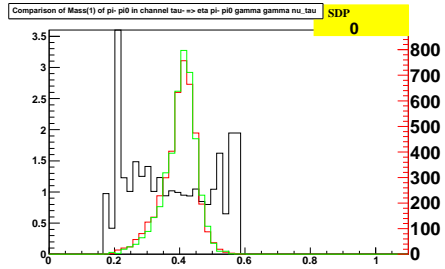
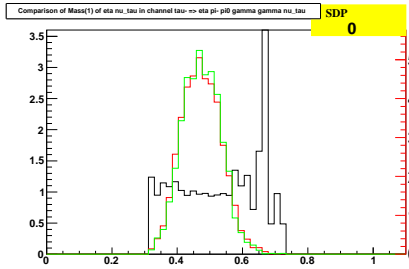
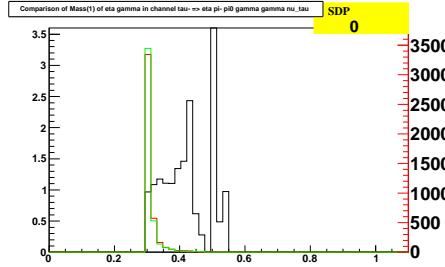
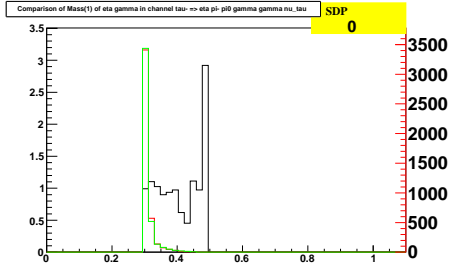
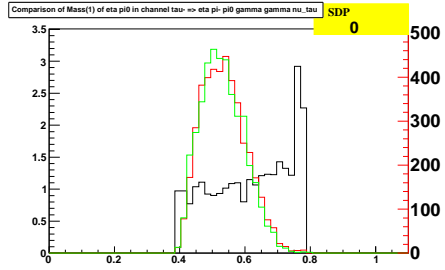
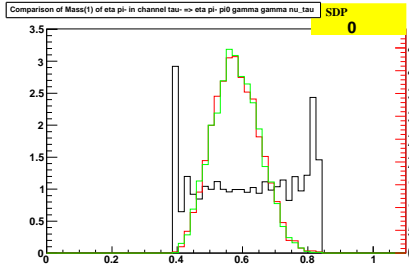


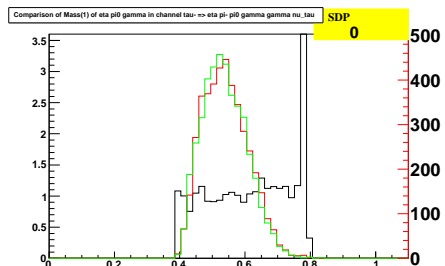
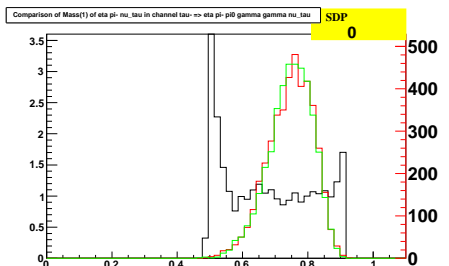
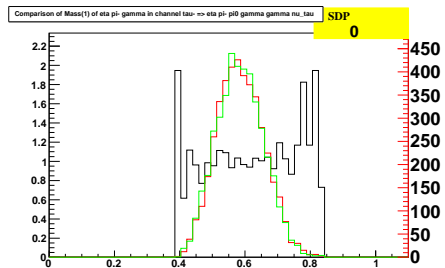
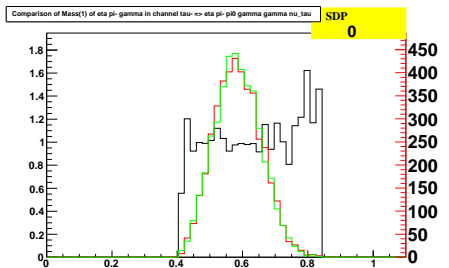
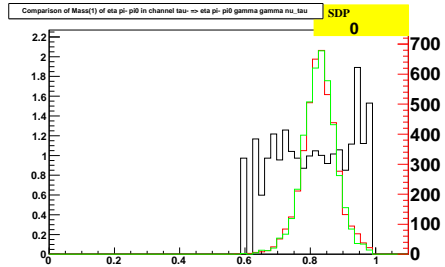
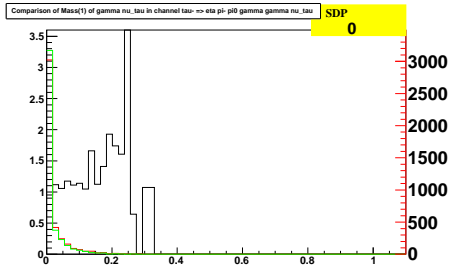
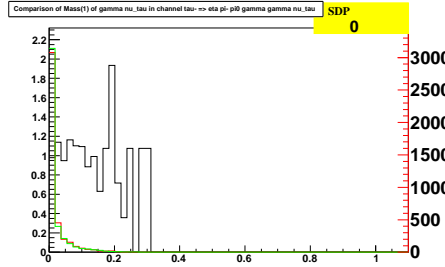
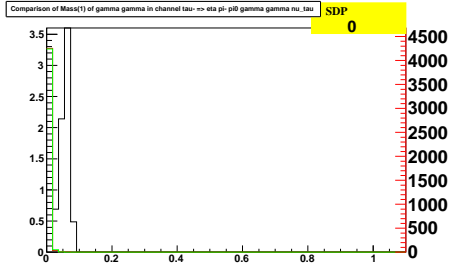
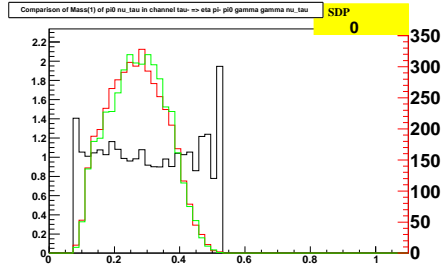
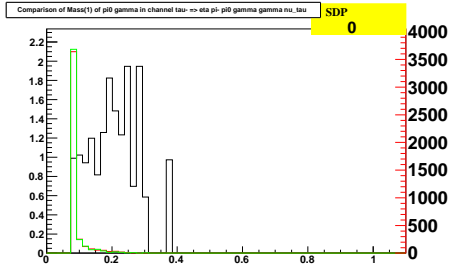


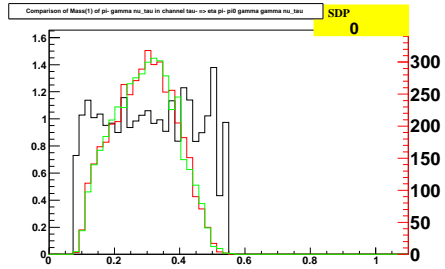
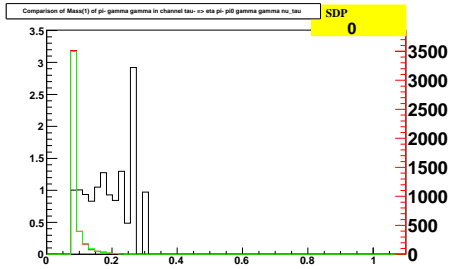
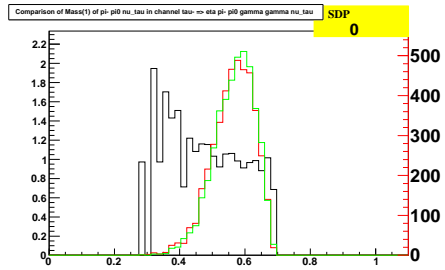
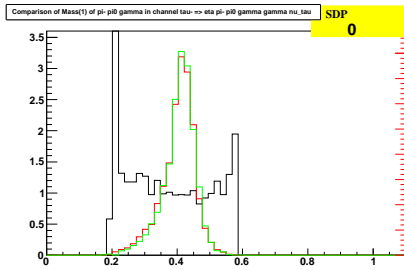
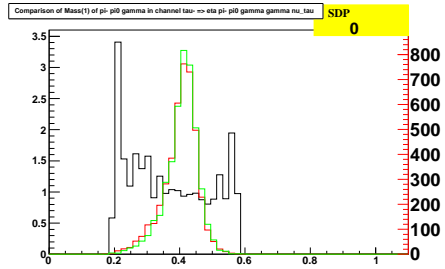
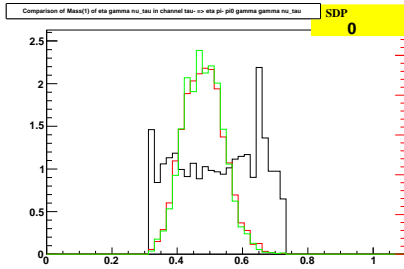
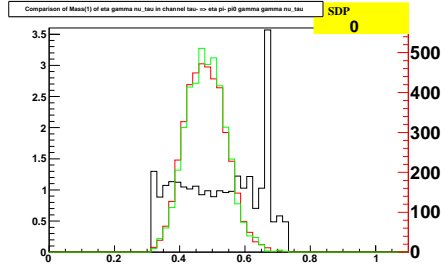
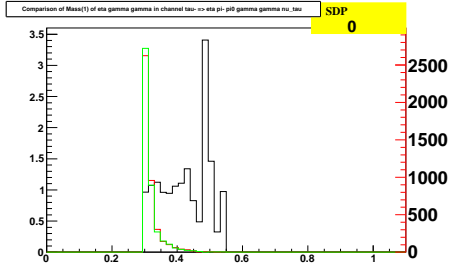
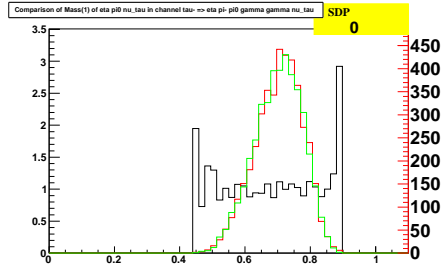
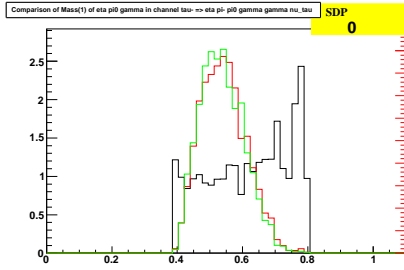
## 74 Decay Channel: $\tau^- \rightarrow \eta \pi^- \pi^0 \gamma \nu_\tau$

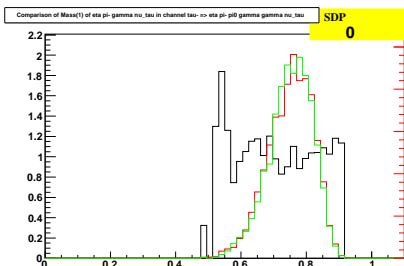
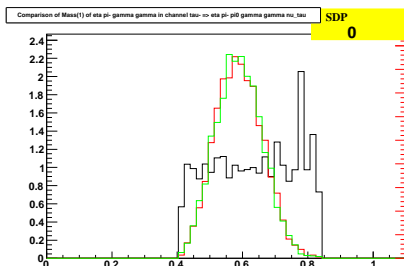
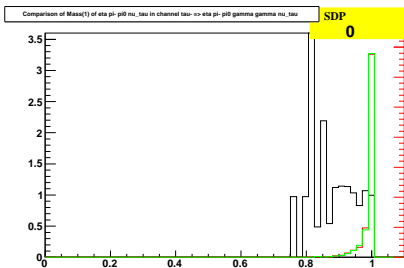
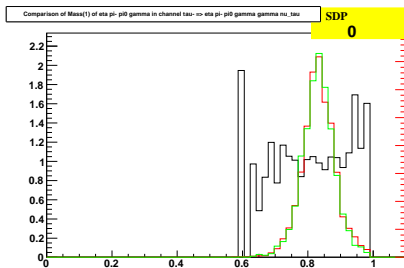
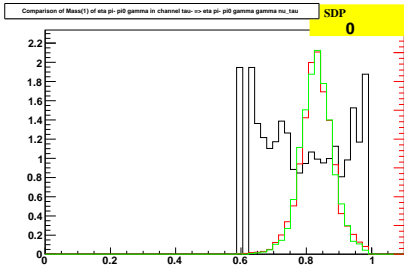
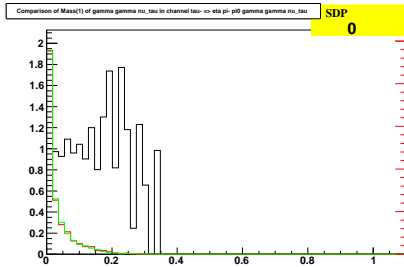
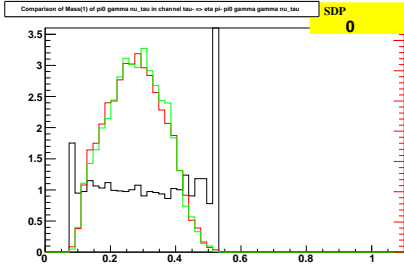
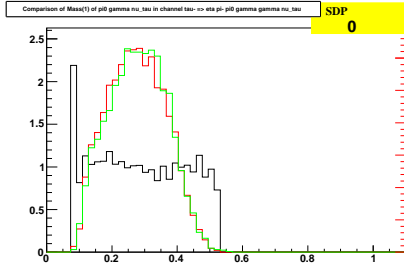
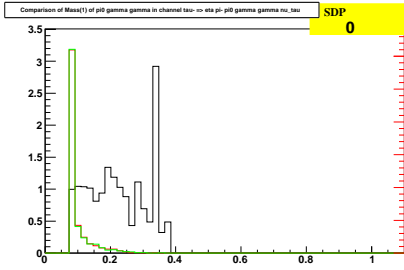
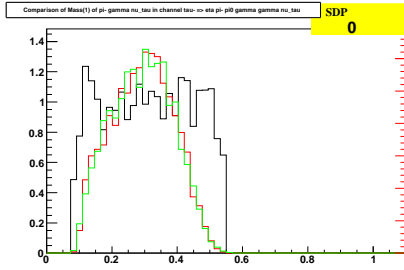
Number of events from generator 1: 4307

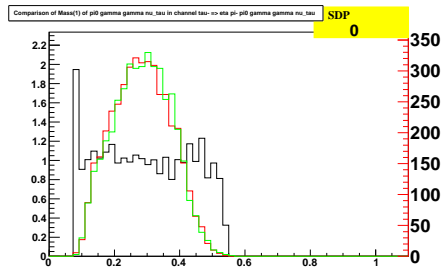
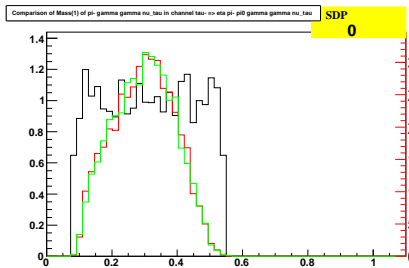
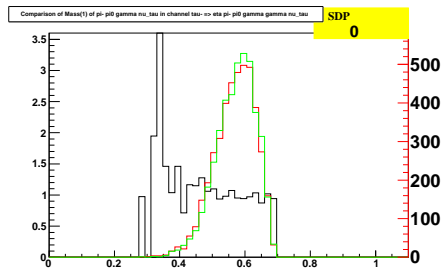
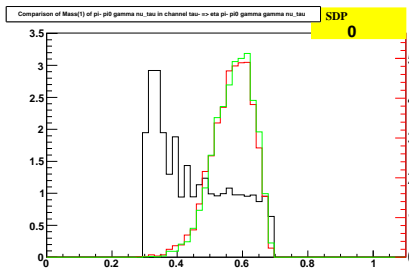
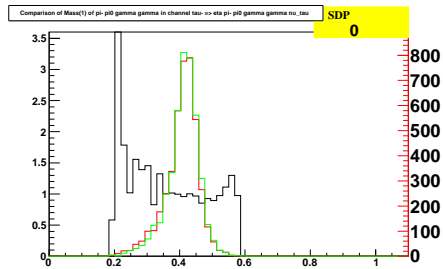
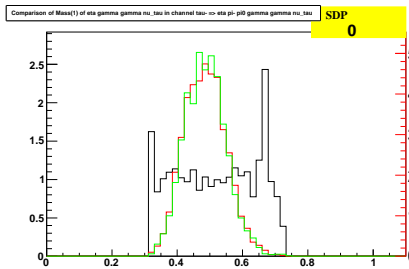
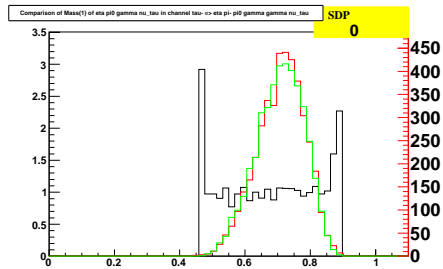
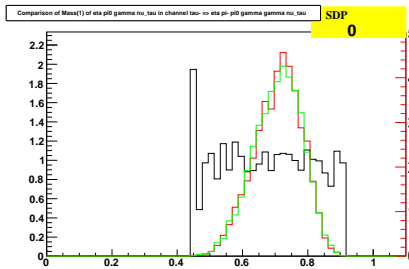
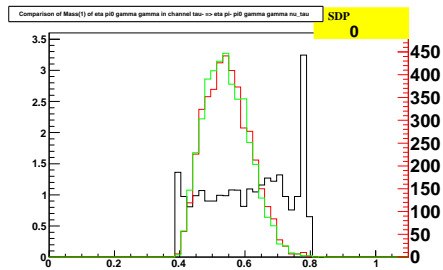
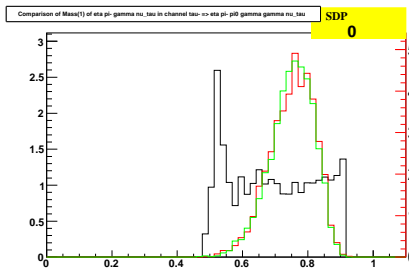
Number of events from generator 2: 4193 (scaled to generator1)



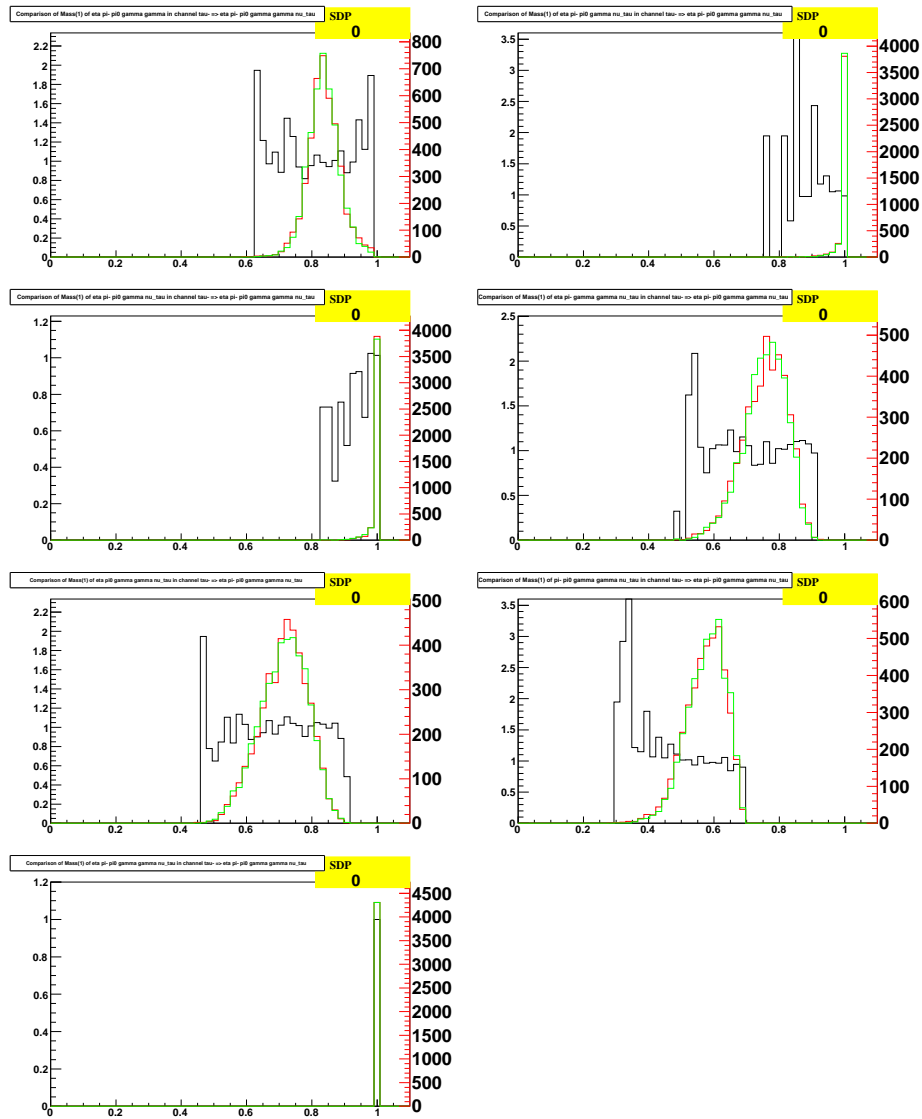








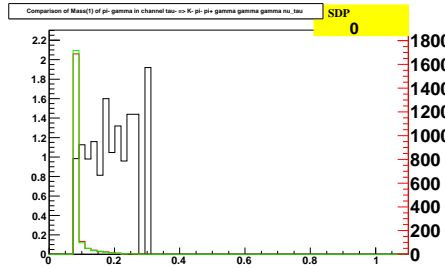
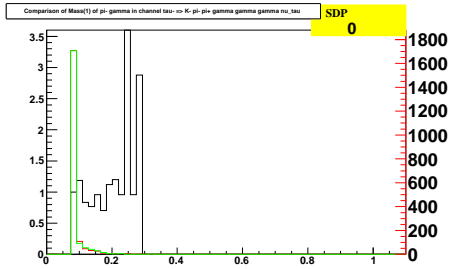
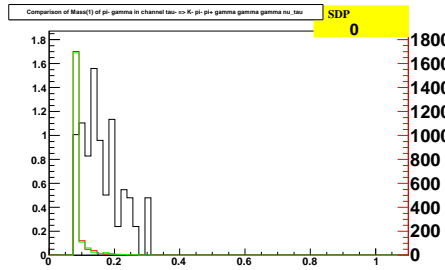
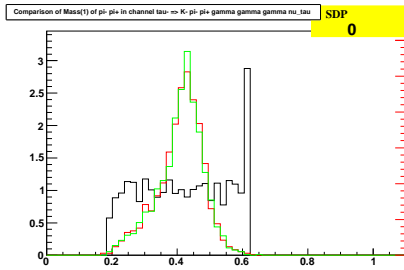
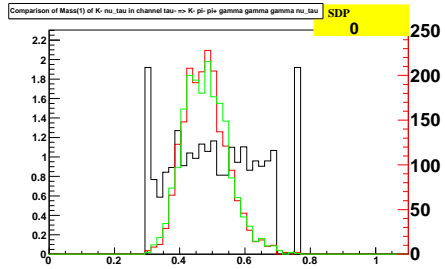
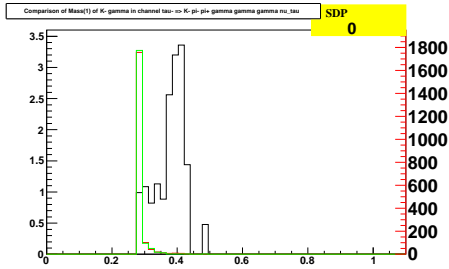
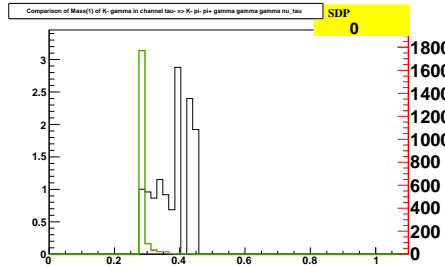
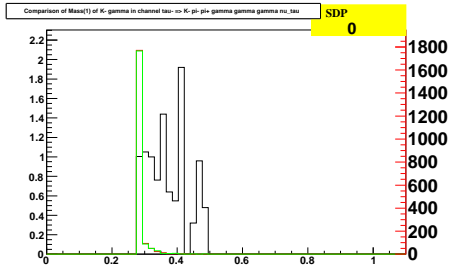
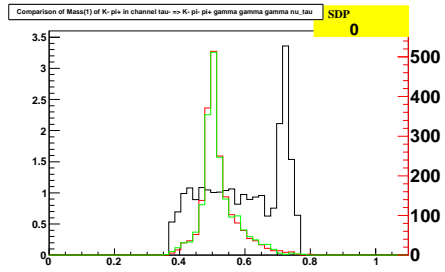
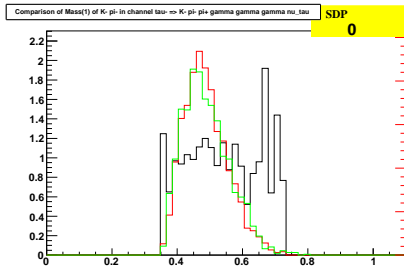


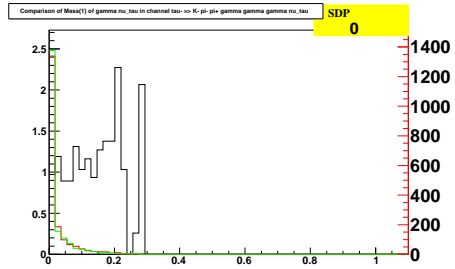
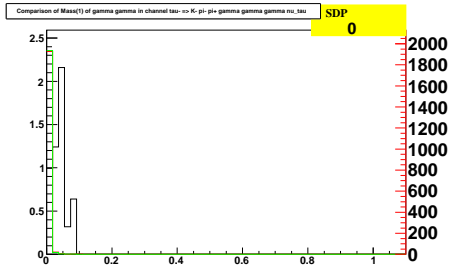
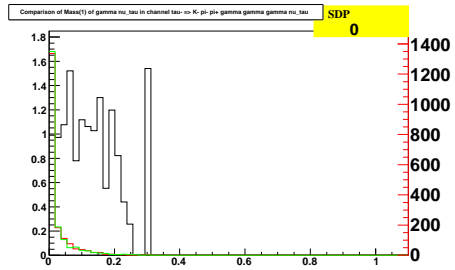
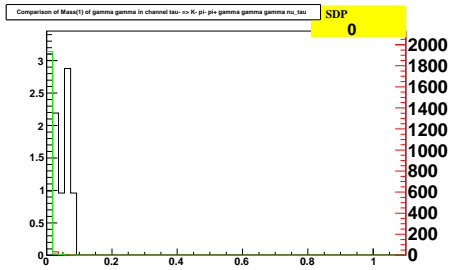
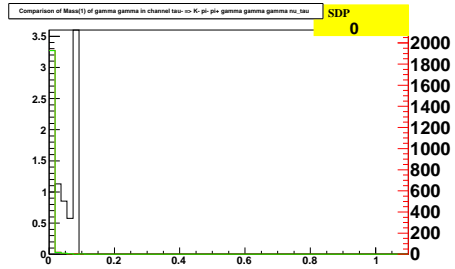
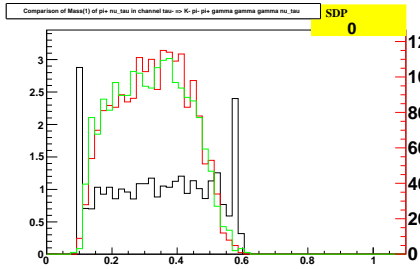
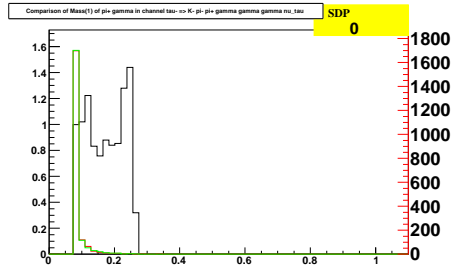
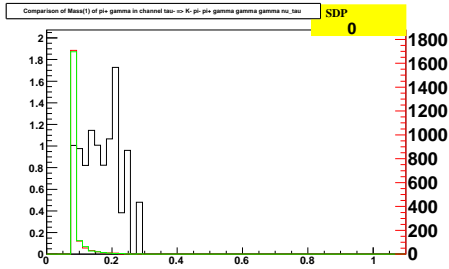
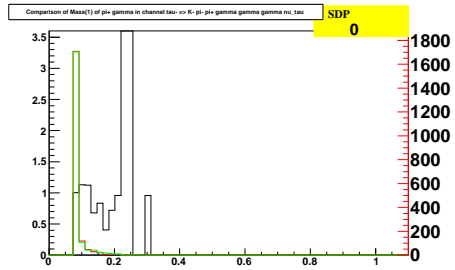
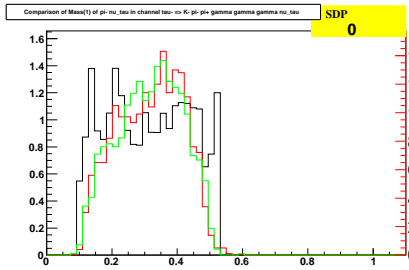


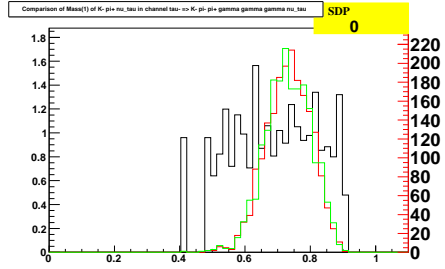
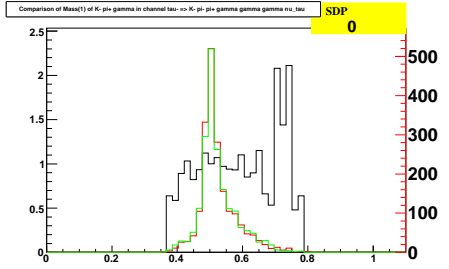
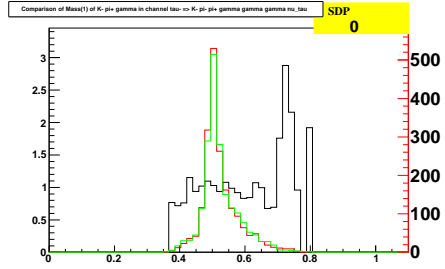
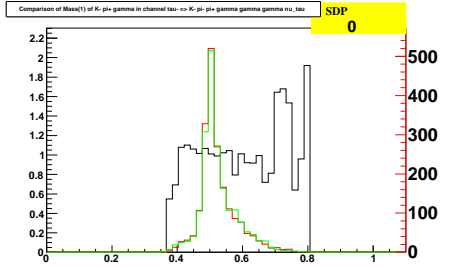
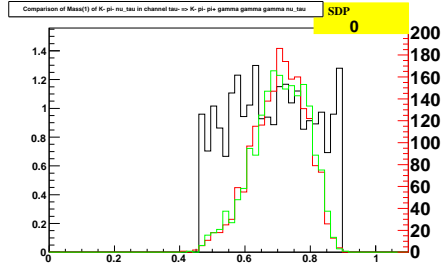
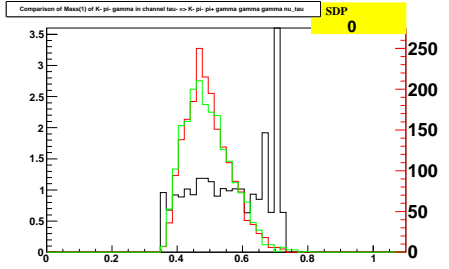
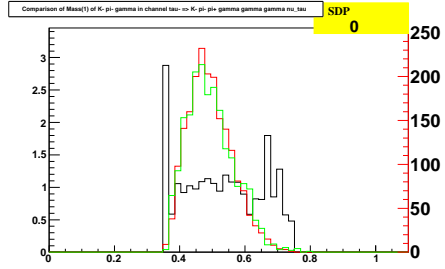
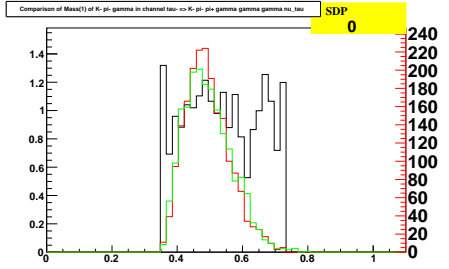
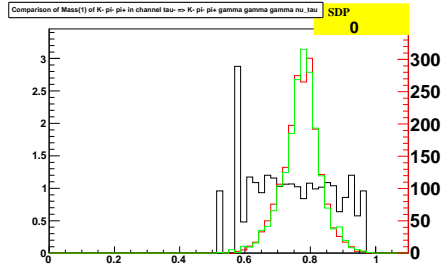
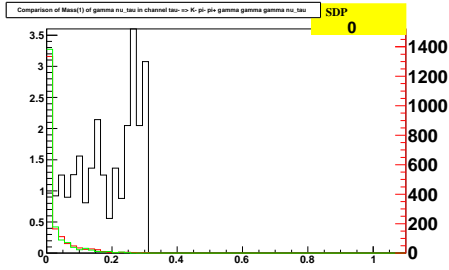
## 75 Decay Channel: $\tau^- \rightarrow K^- \pi^- \pi^+ \gamma \gamma \nu_\tau$

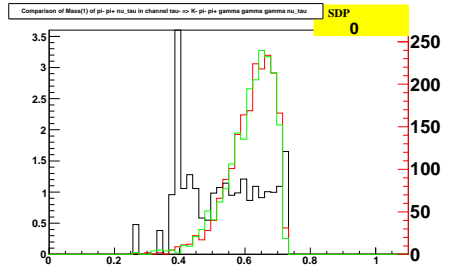
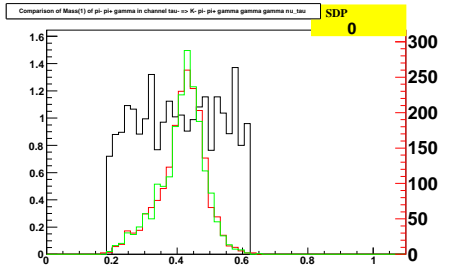
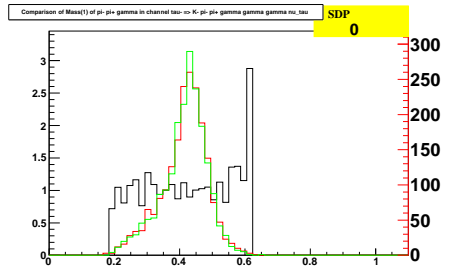
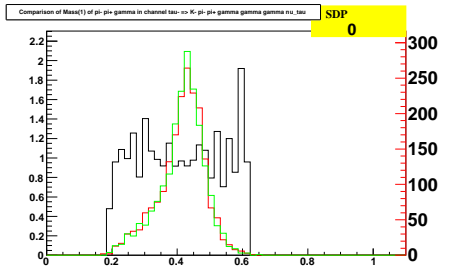
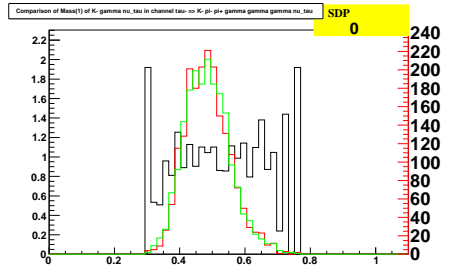
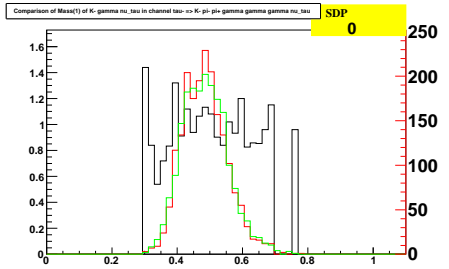
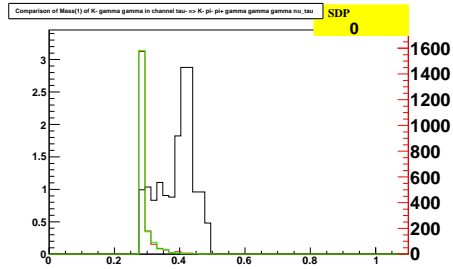
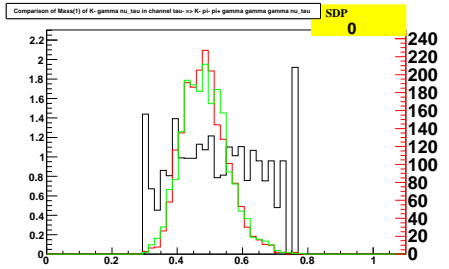
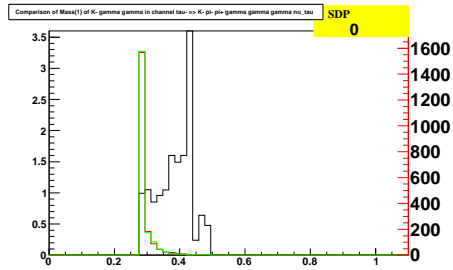
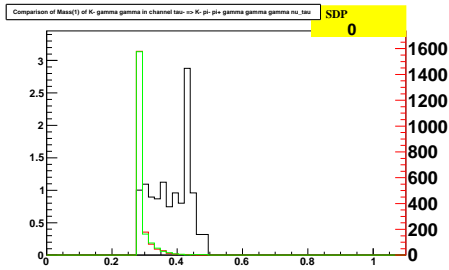
Number of events from generator 1: 1964

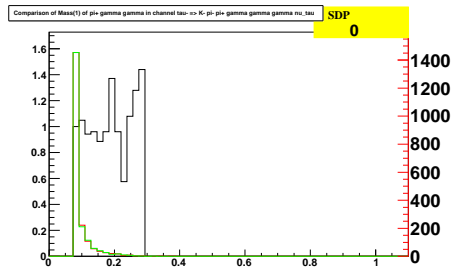
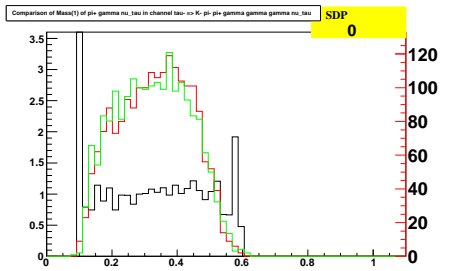
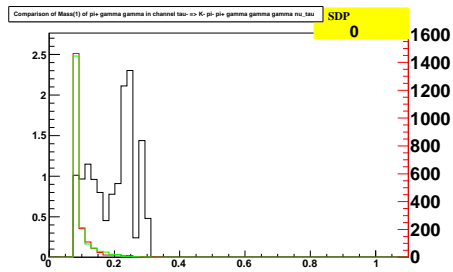
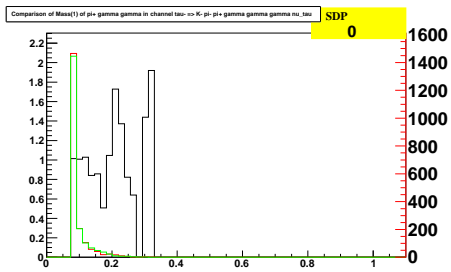
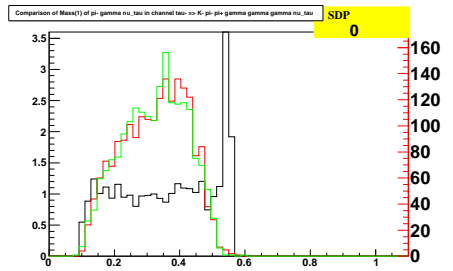
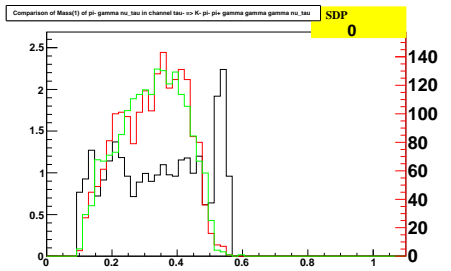
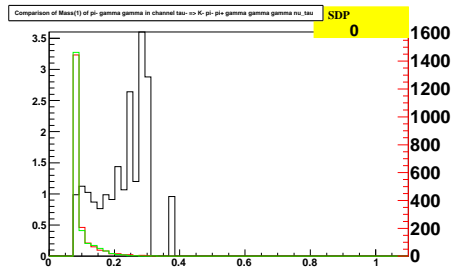
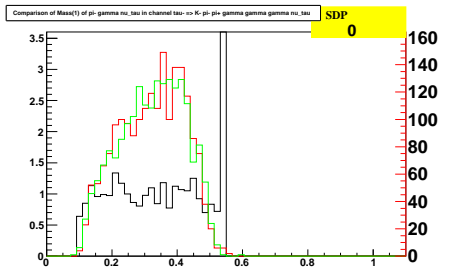
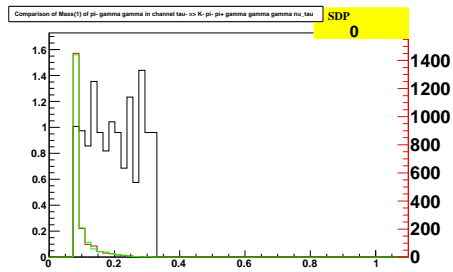
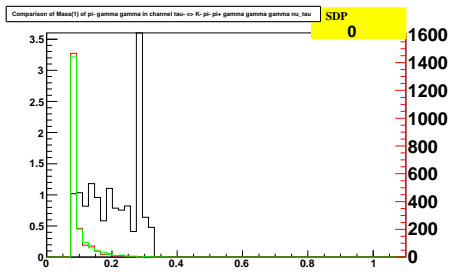
Number of events from generator 2: 1885 (scaled to generator1)



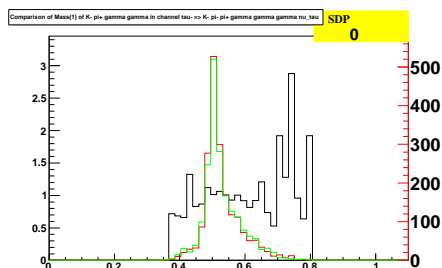
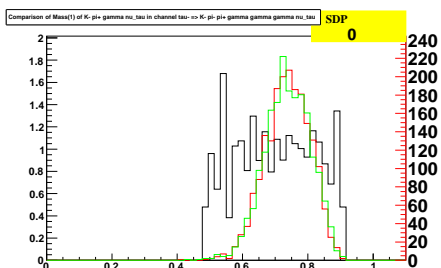
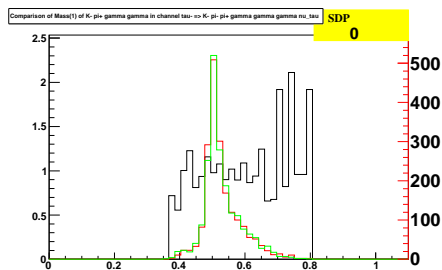
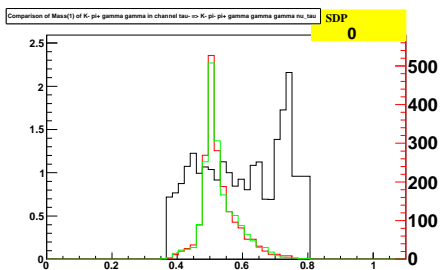
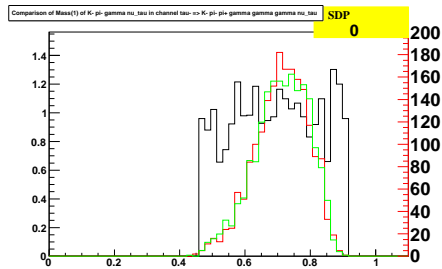
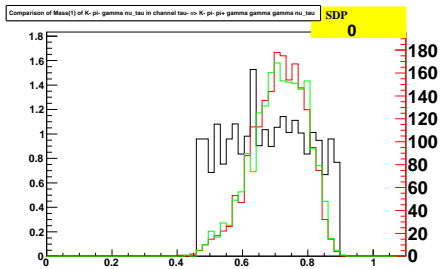
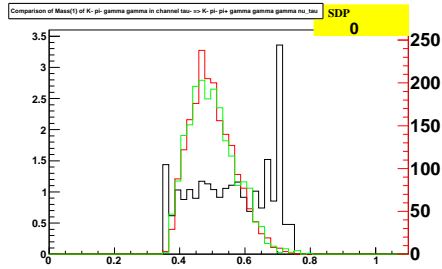
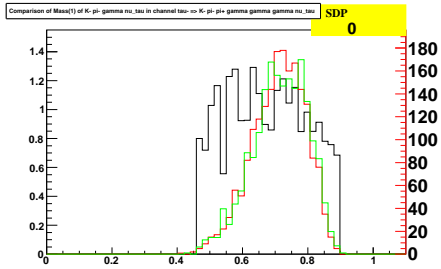
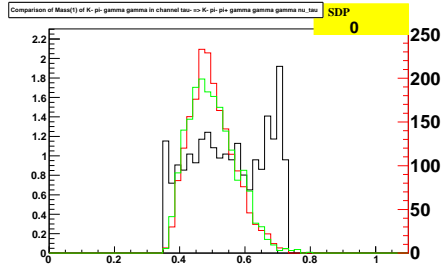
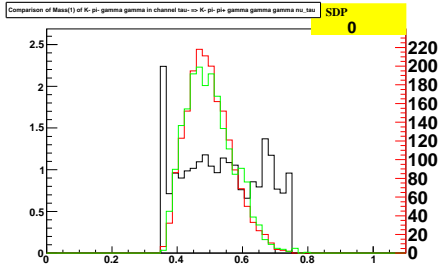




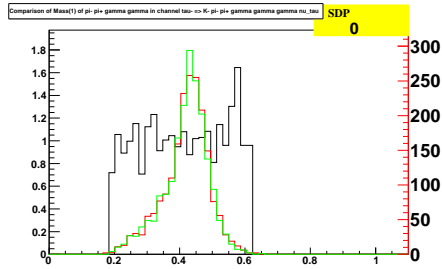
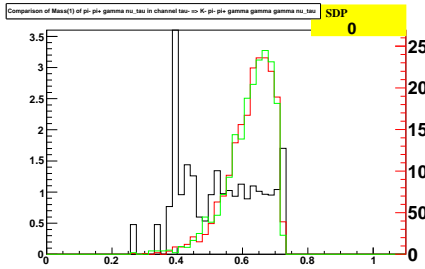
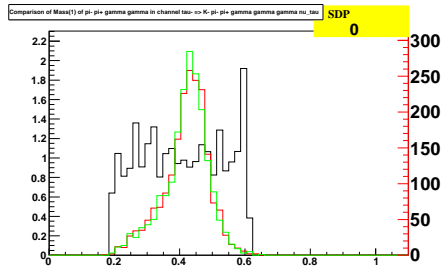
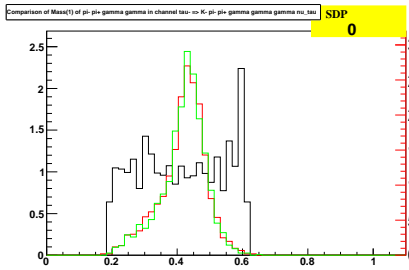
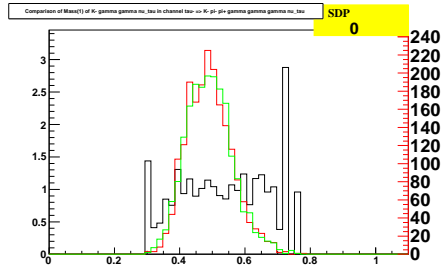
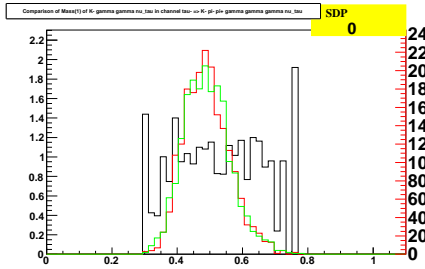
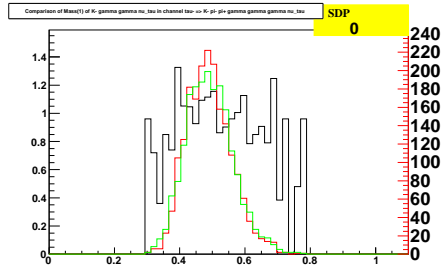
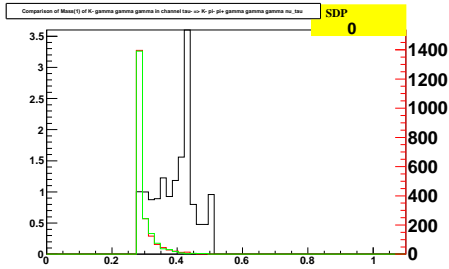
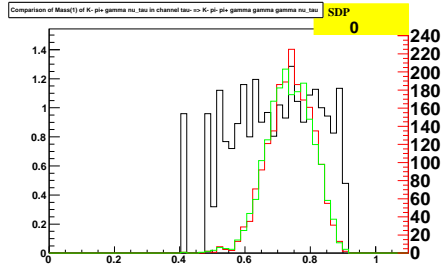
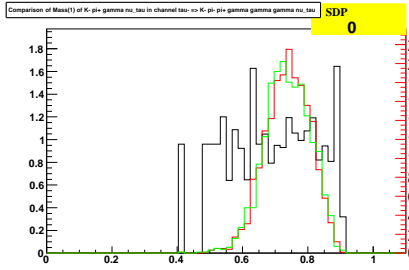


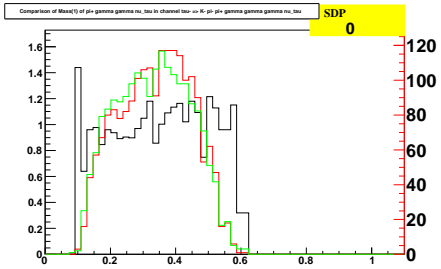
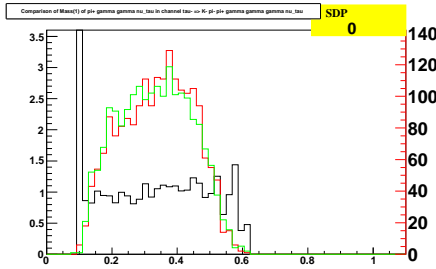
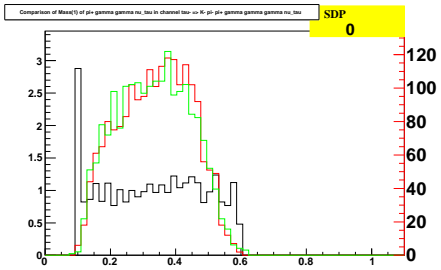
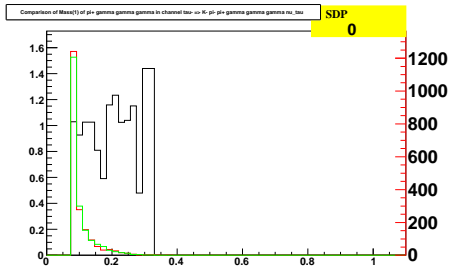
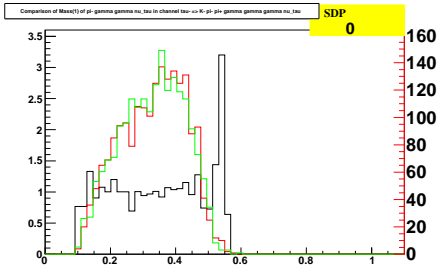
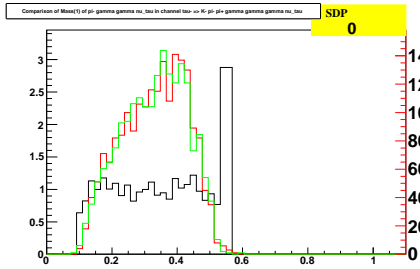
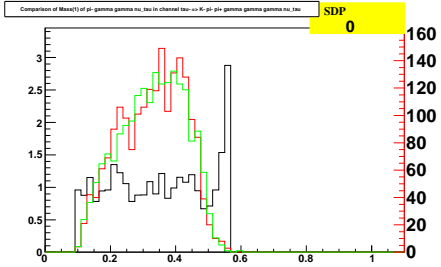
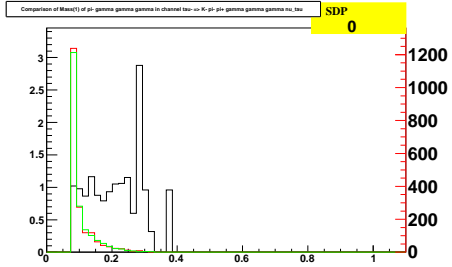
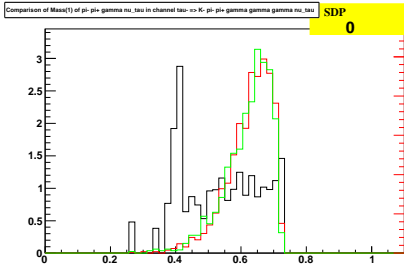
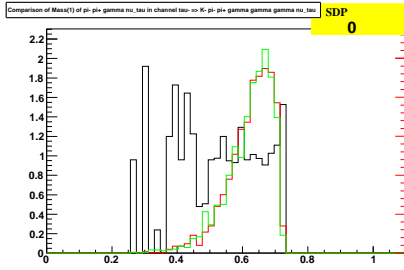


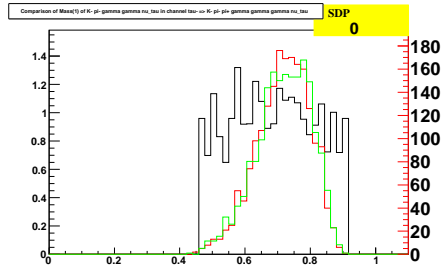
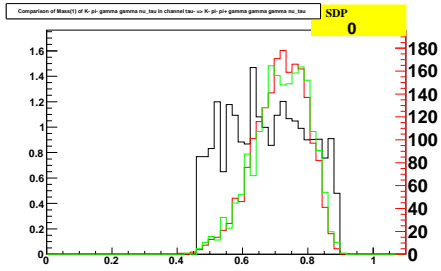
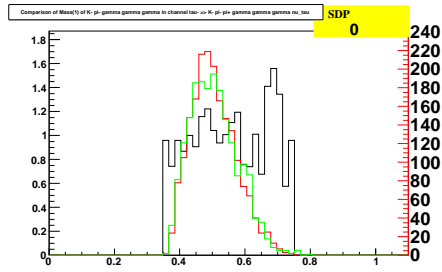
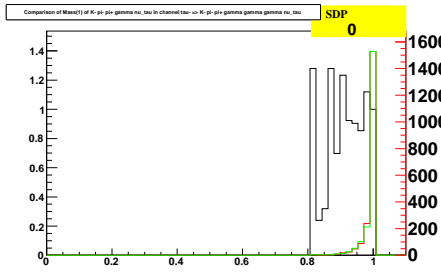
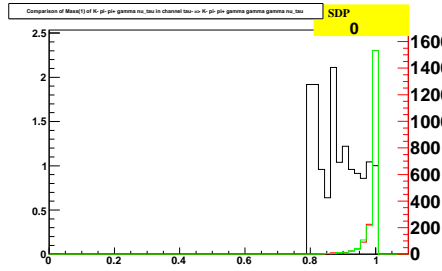
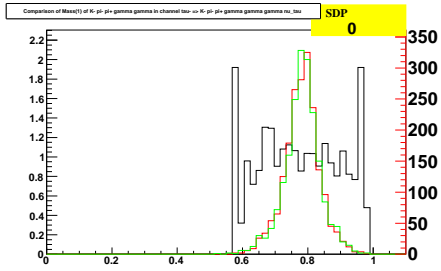
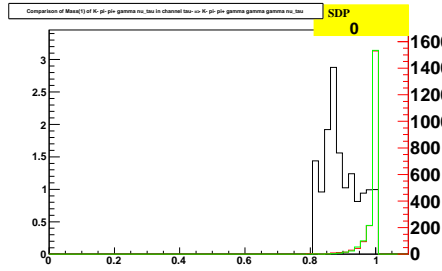
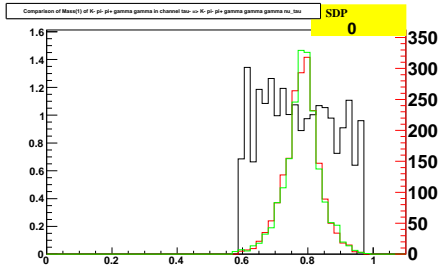
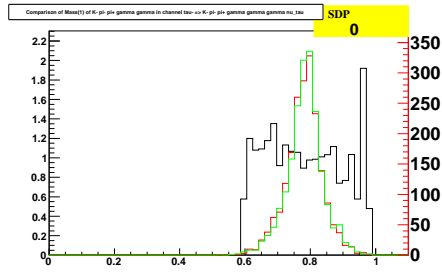
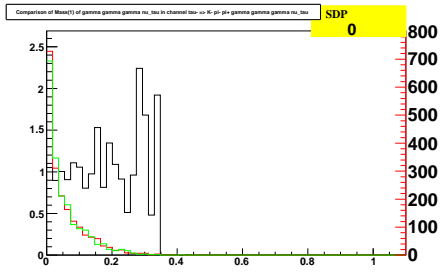


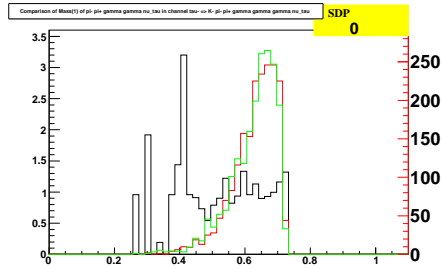
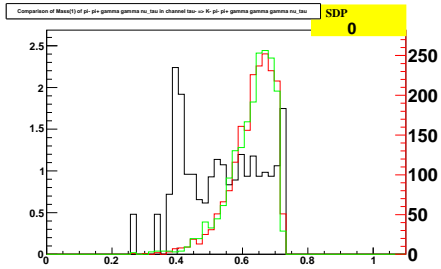
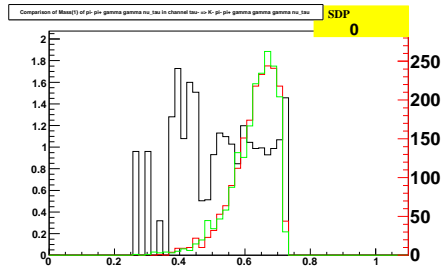
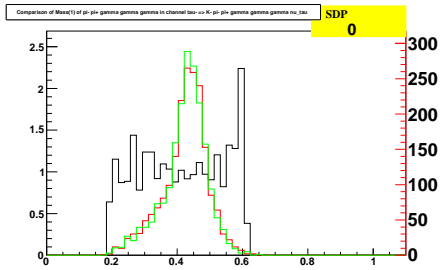
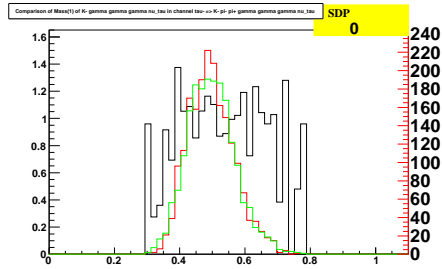
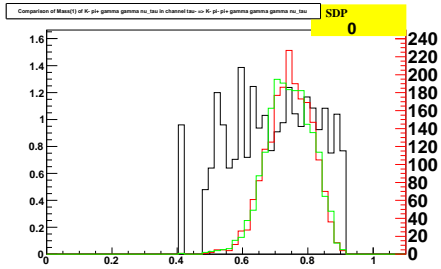
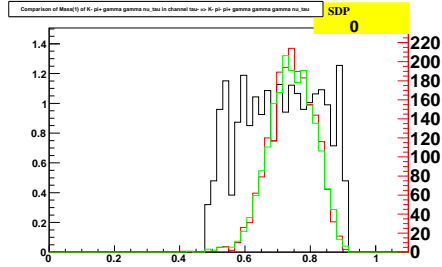
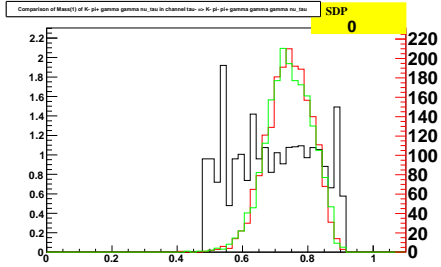
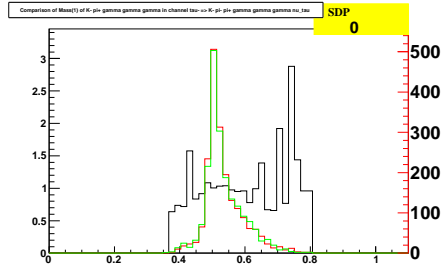
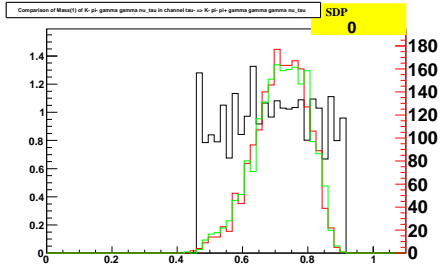


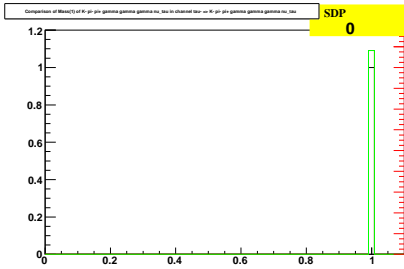
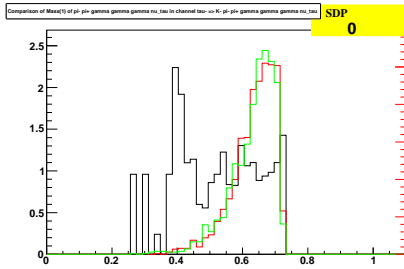
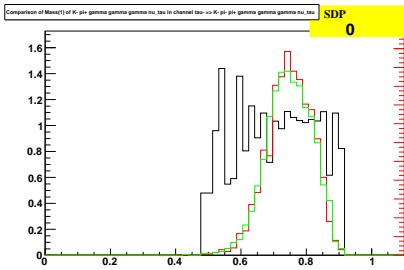
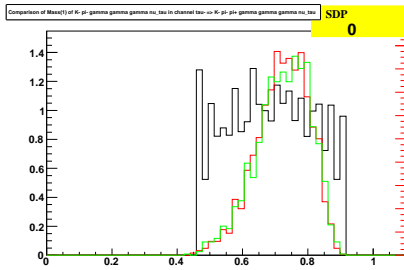
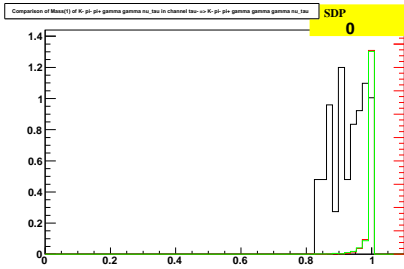
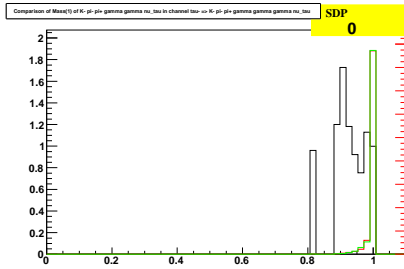
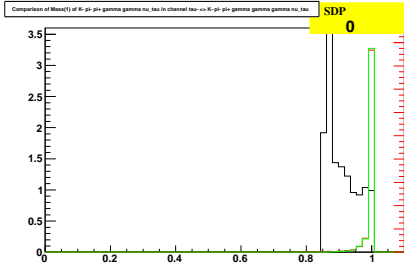
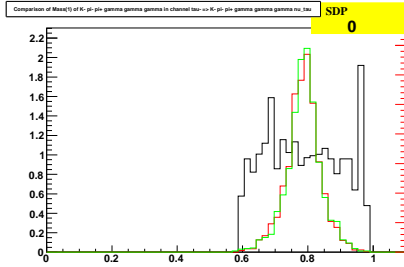
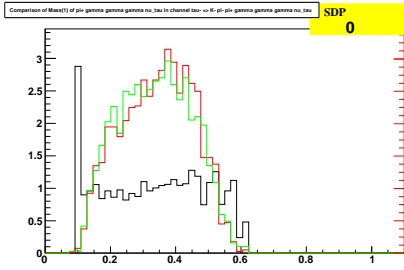
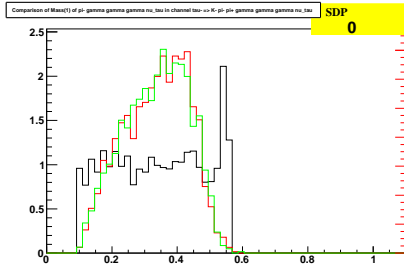








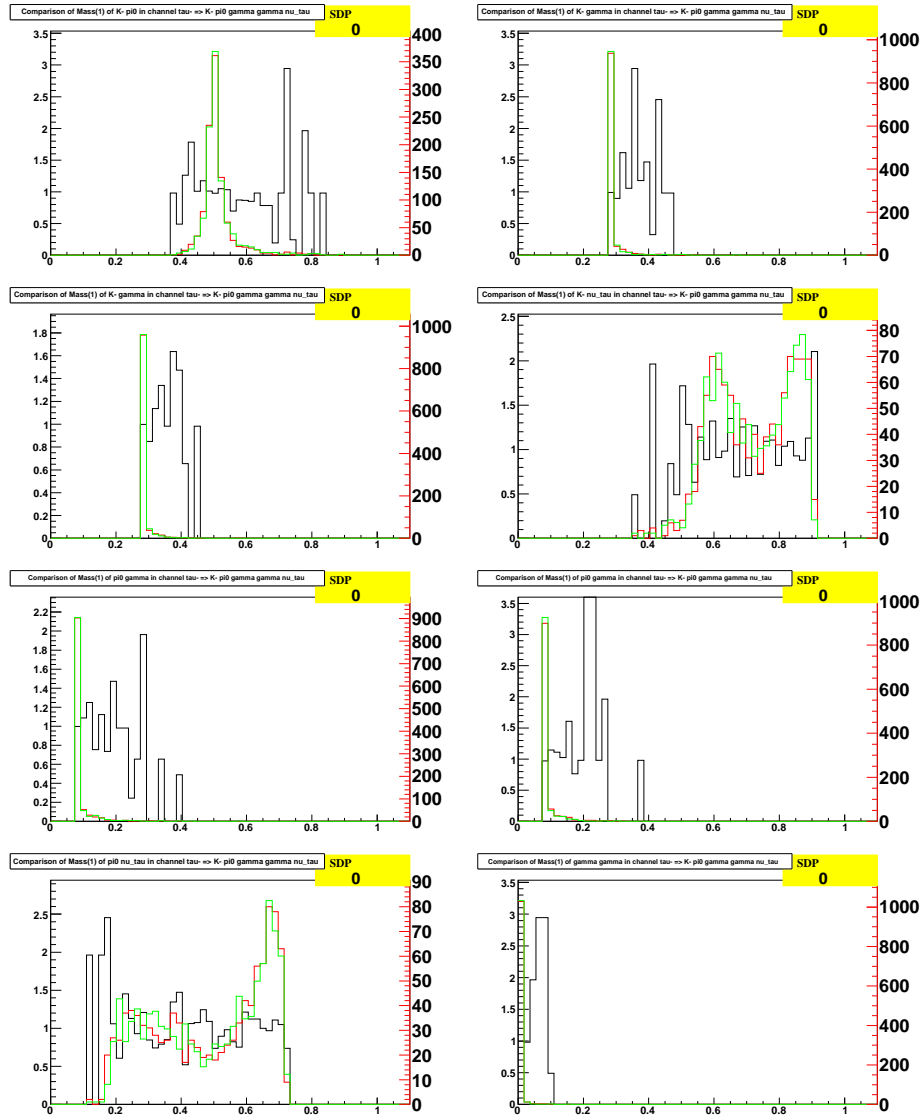


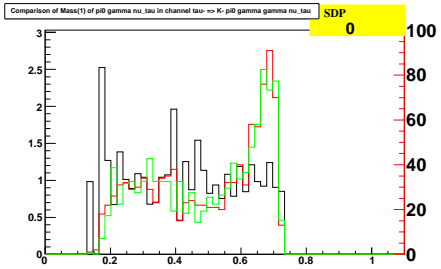
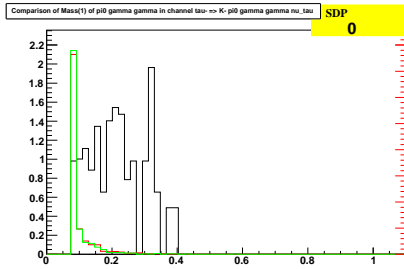
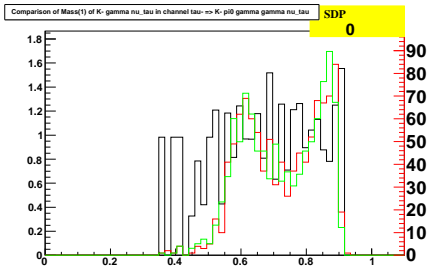
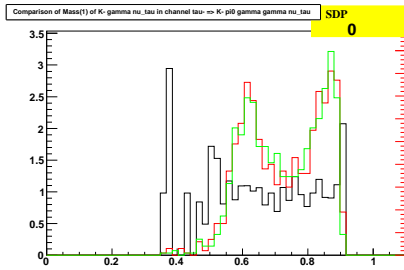
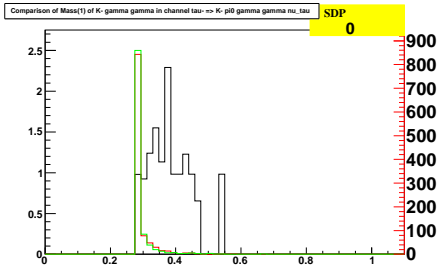
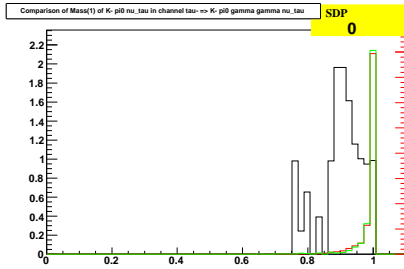
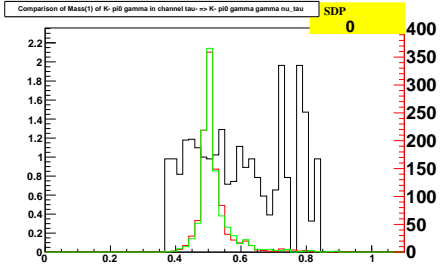
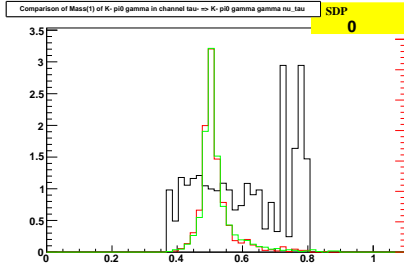
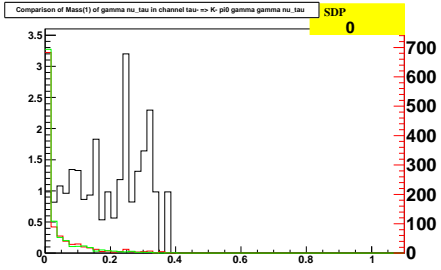
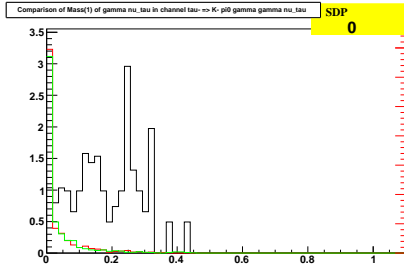


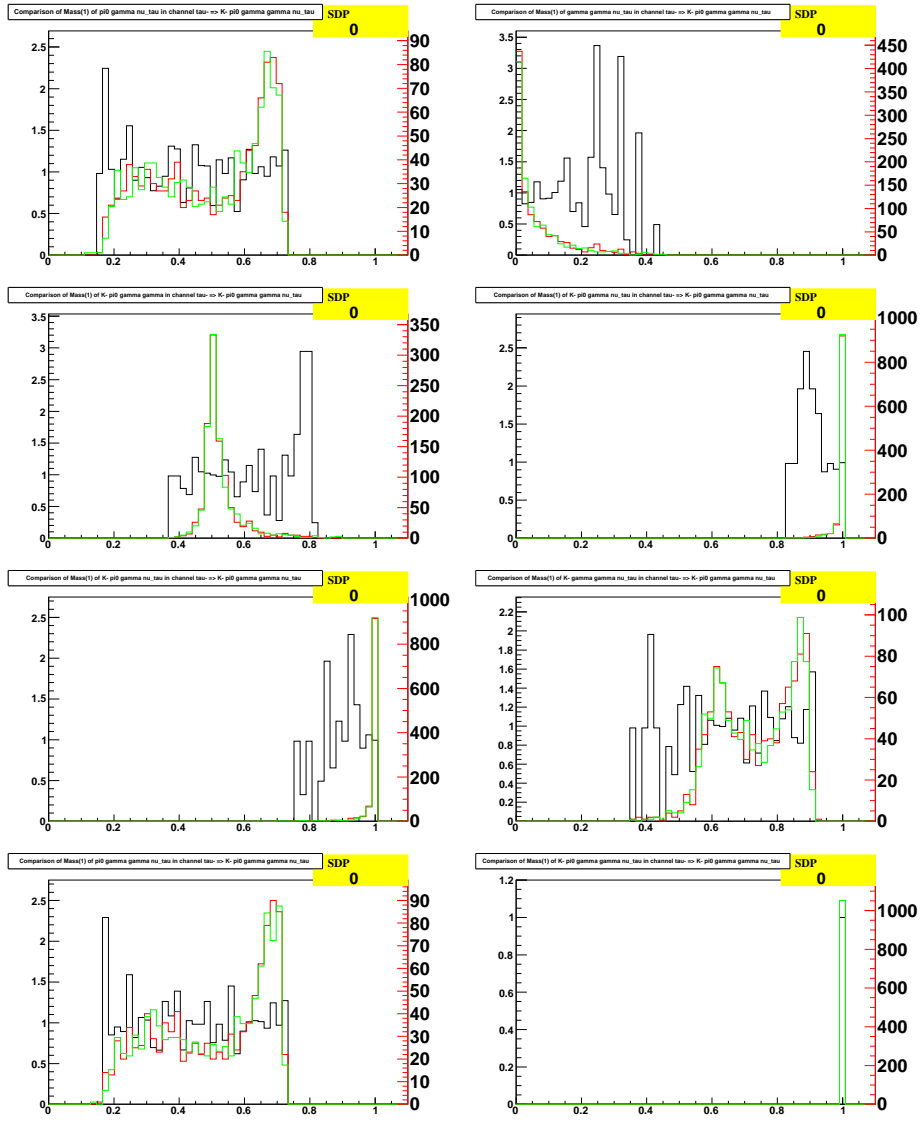
## 76 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \gamma \nu_\tau$

Number of events from generator 1: 1052

Number of events from generator 2: 1033 (scaled to generator1)





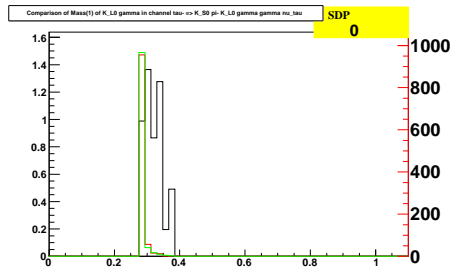
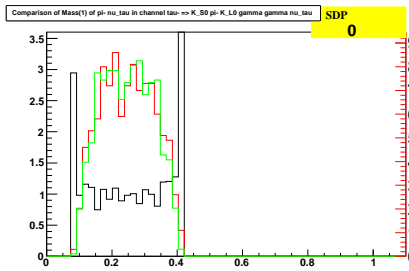
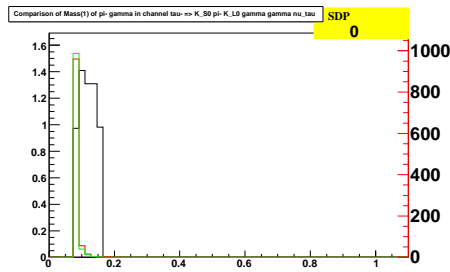
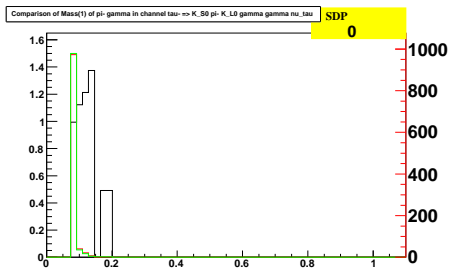
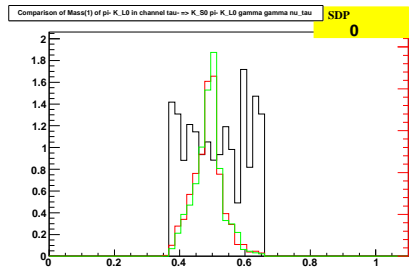
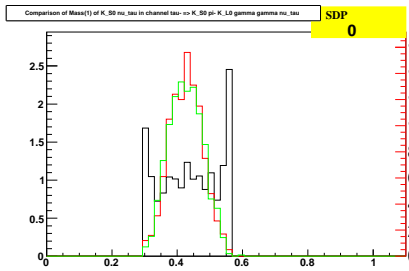
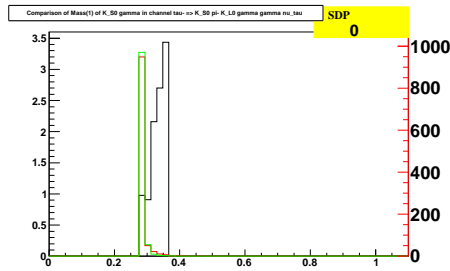
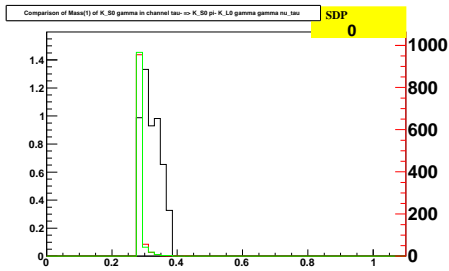
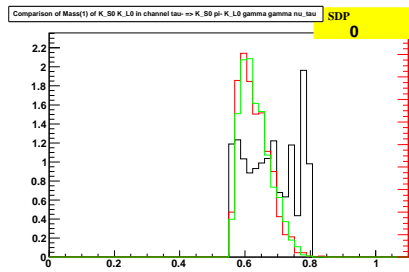
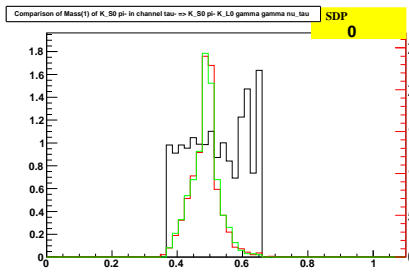


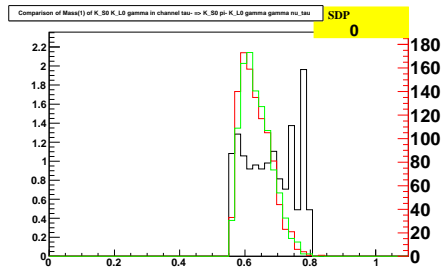
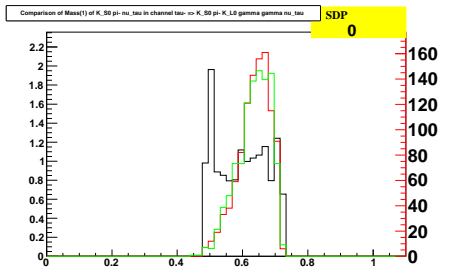
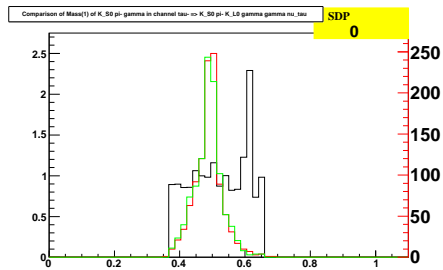
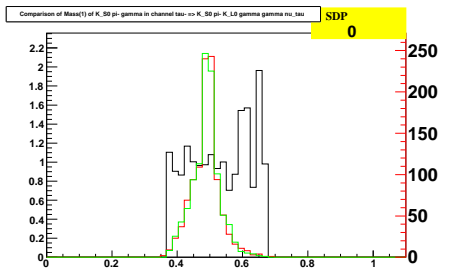
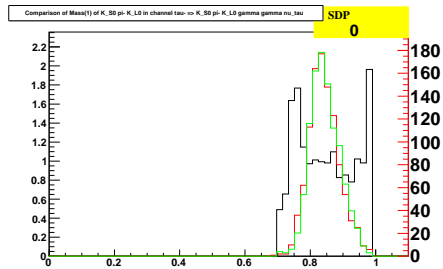
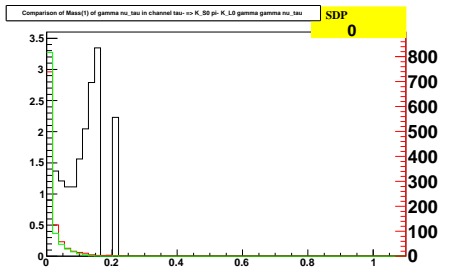
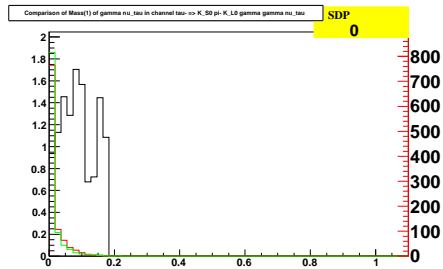
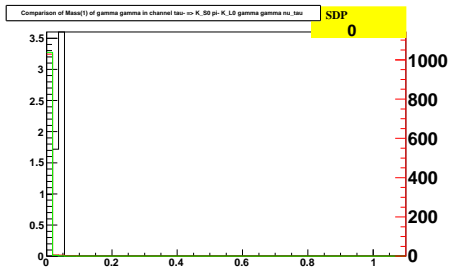
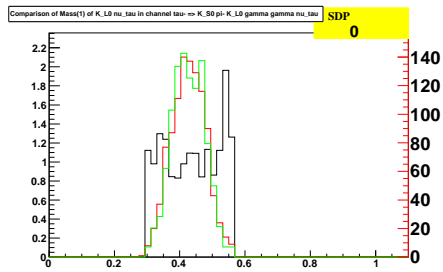
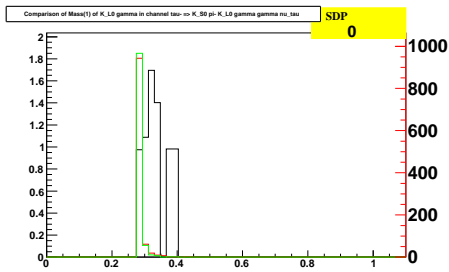
## 77 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- K_L^0 \gamma \nu_\tau$

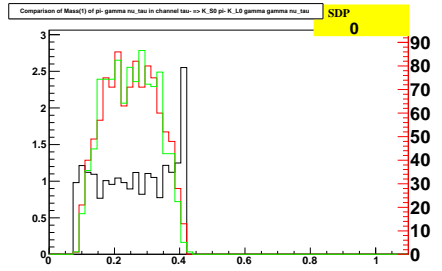
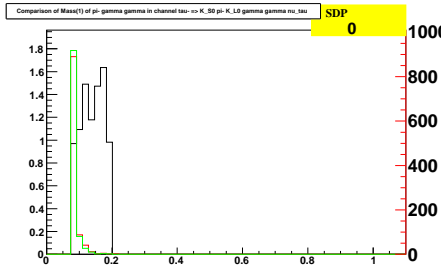
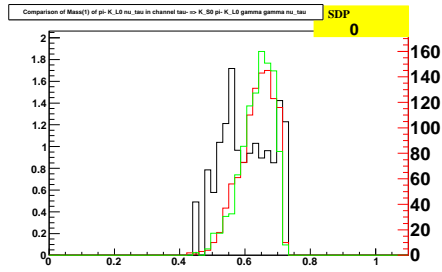
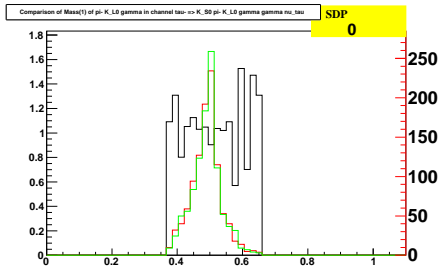
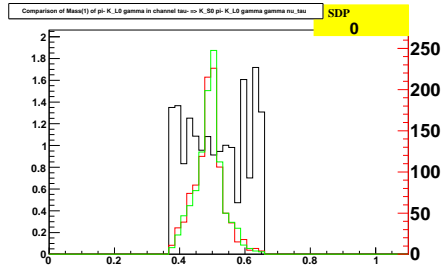
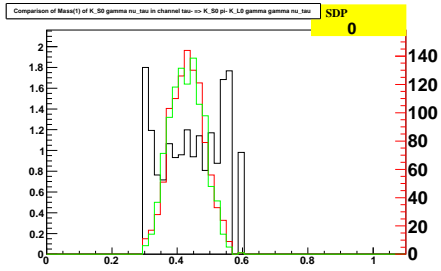
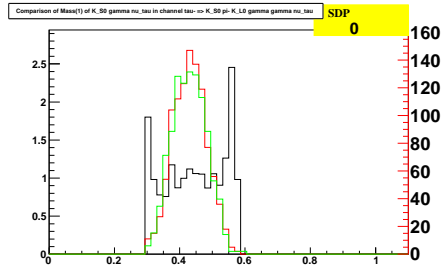
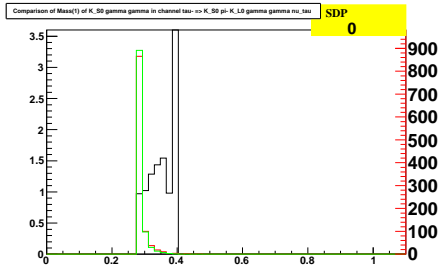
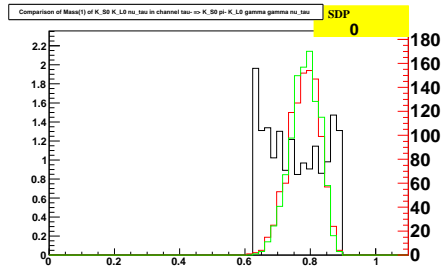
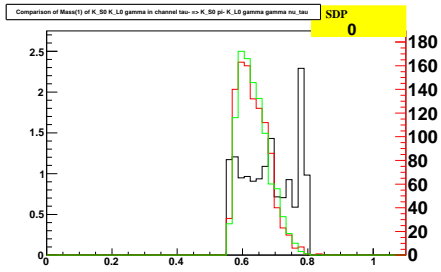
Number of events from generator 1: 1043

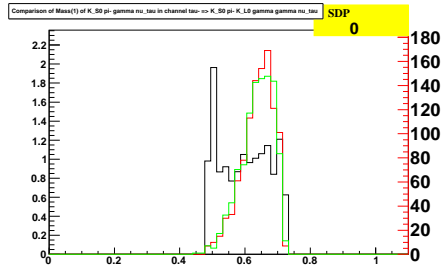
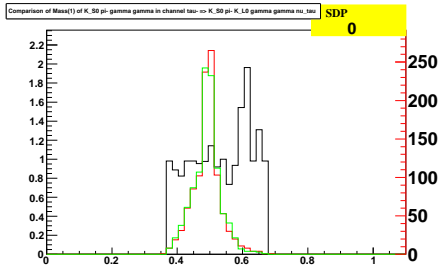
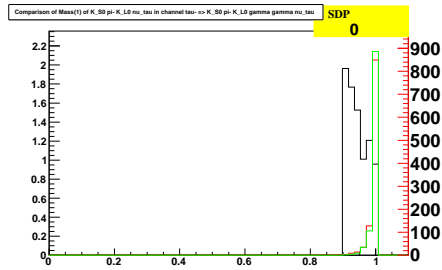
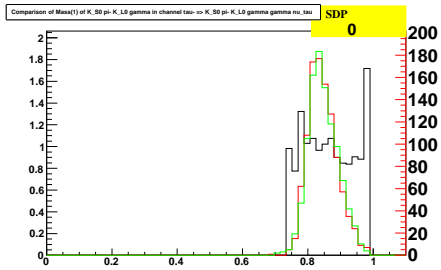
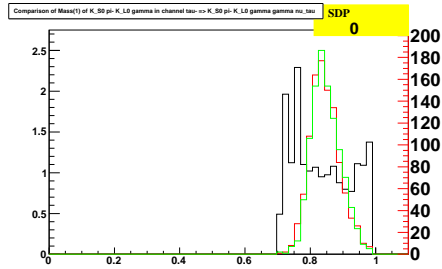
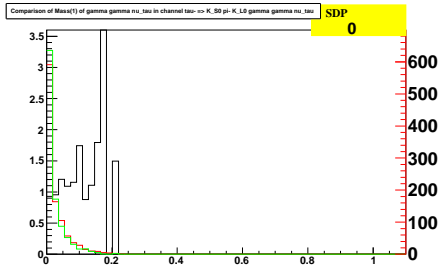
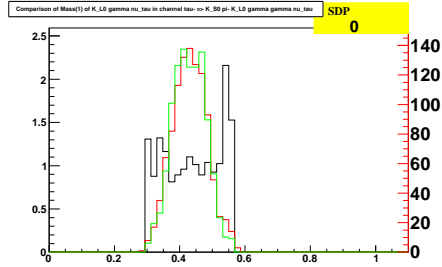
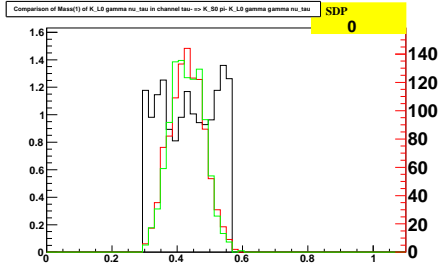
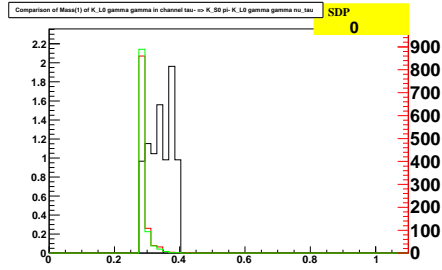
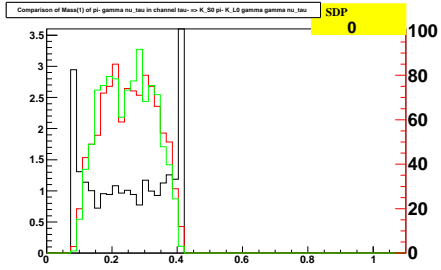
Number of events from generator 2: 1024 (scaled to generator1)

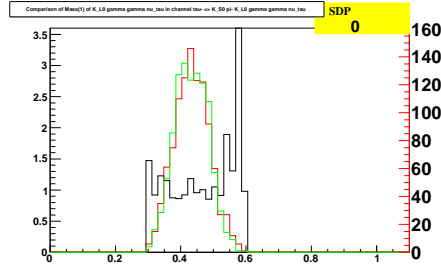
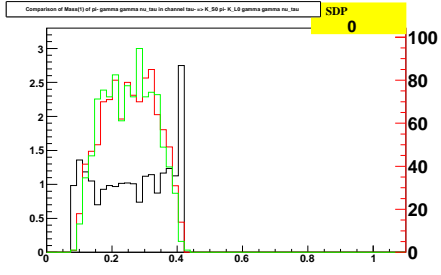
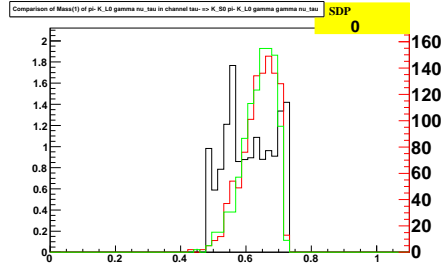
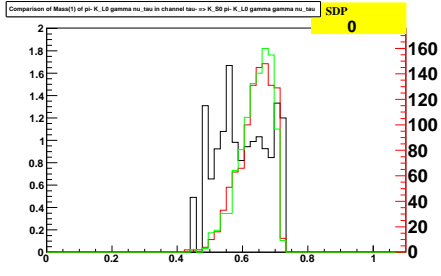
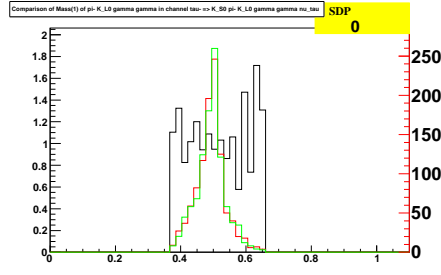
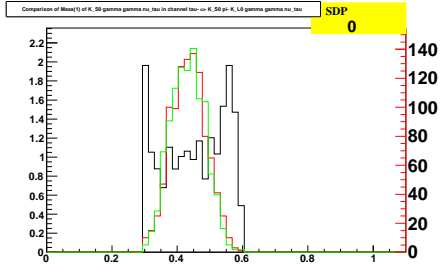
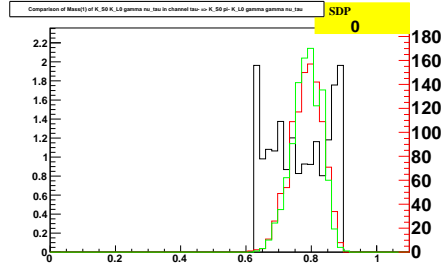
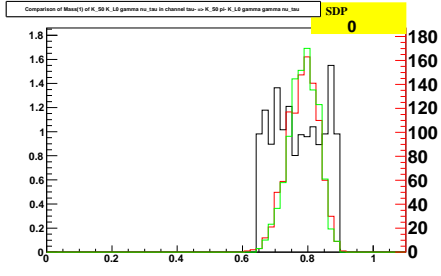
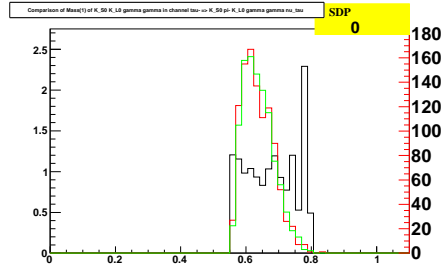
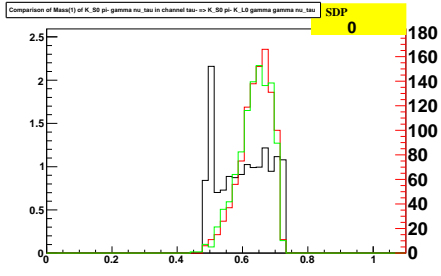


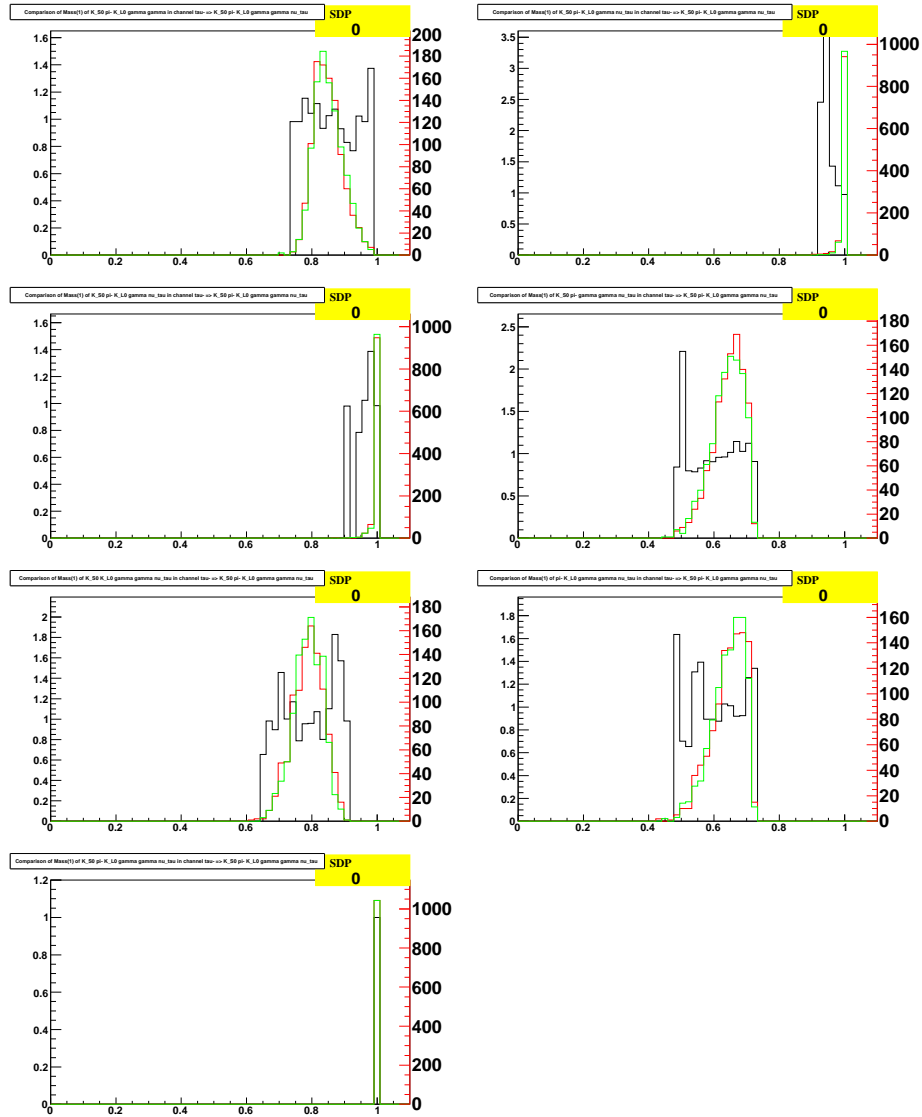








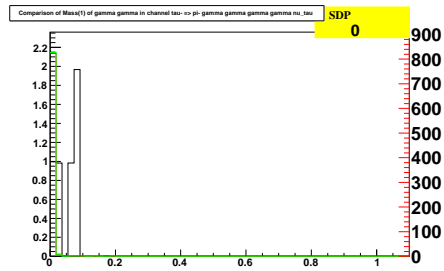
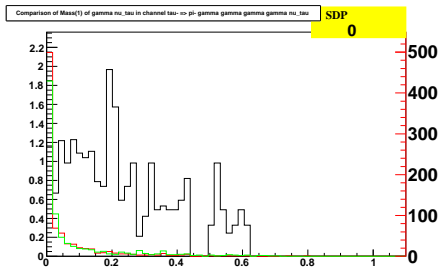
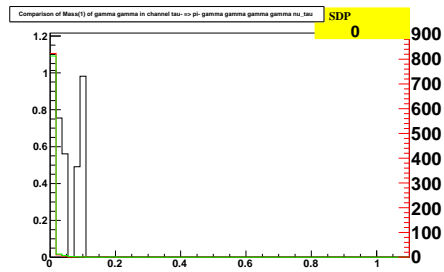
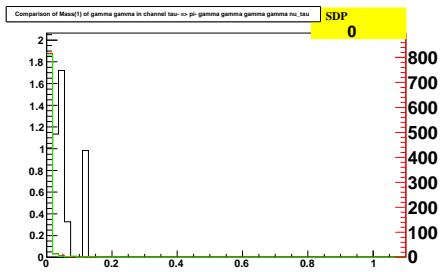
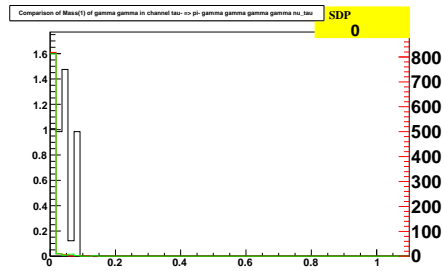
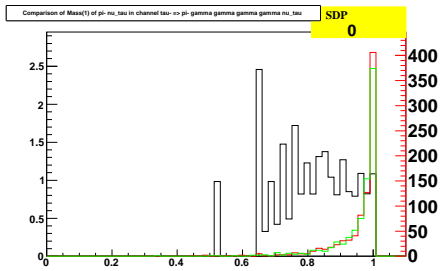
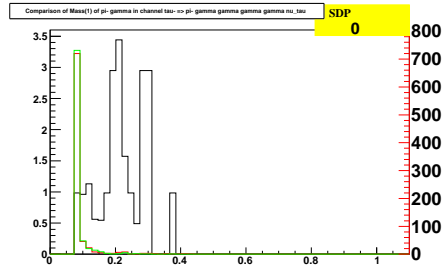
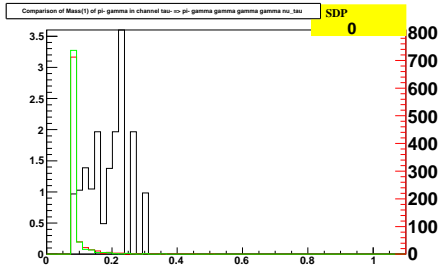
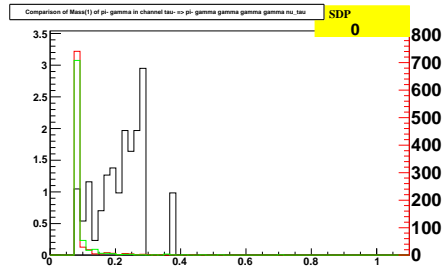
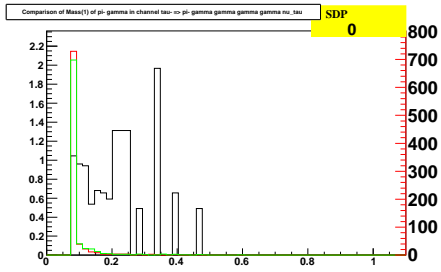


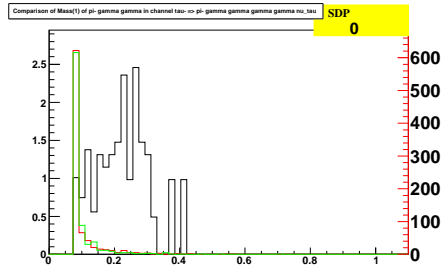
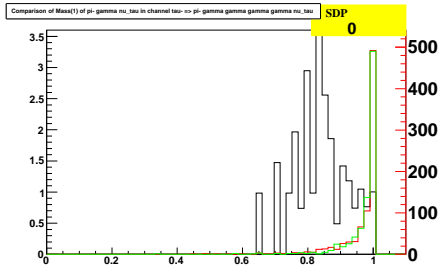
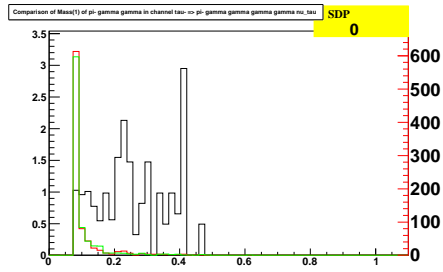
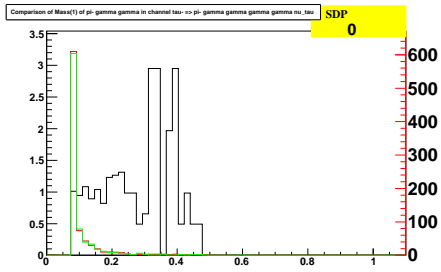
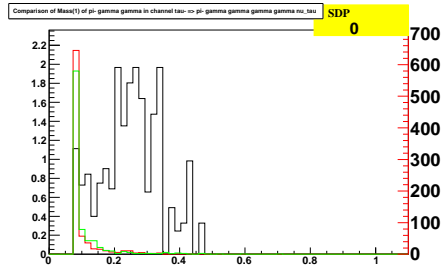
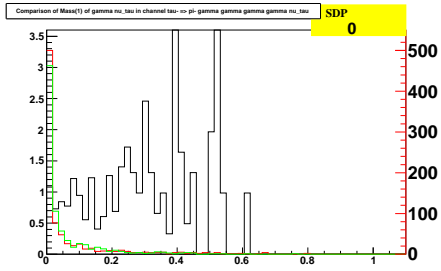
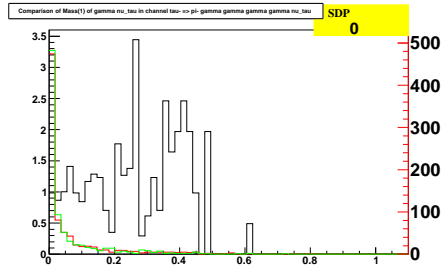
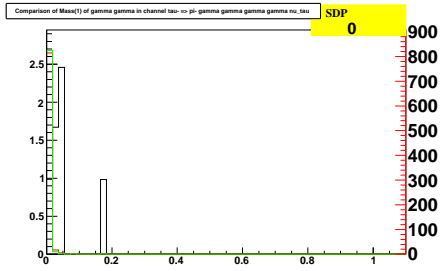
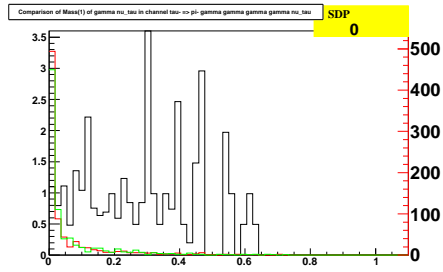
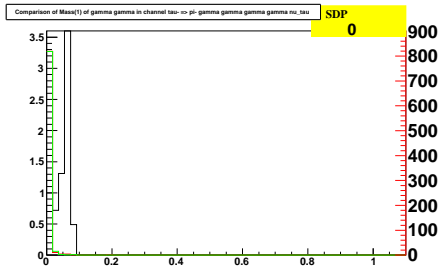


## 78 Decay Channel: $\tau^- \rightarrow \pi^- \gamma \gamma \gamma \nu_\tau$

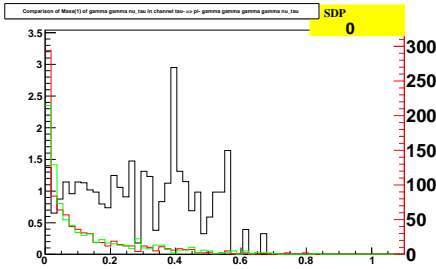
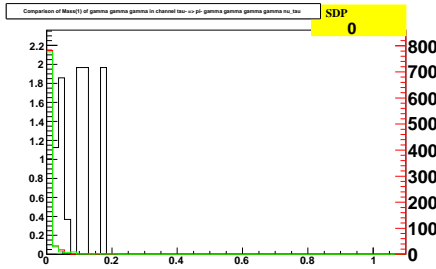
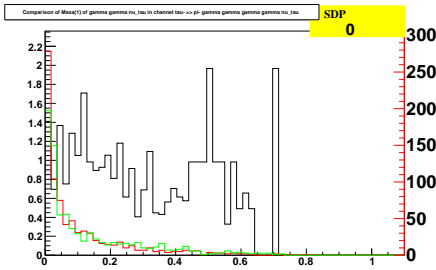
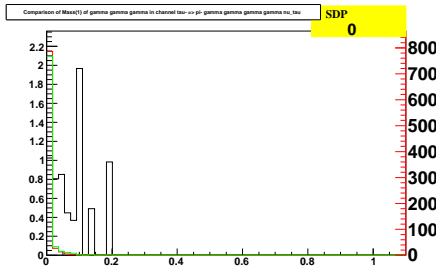
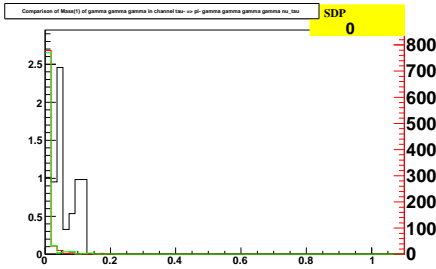
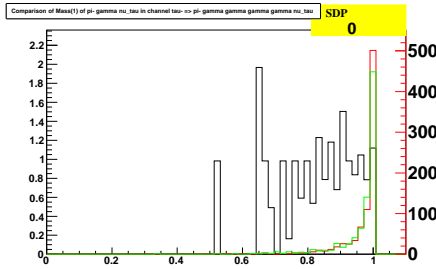
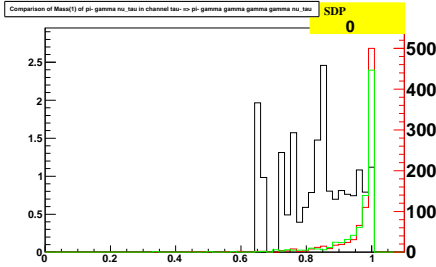
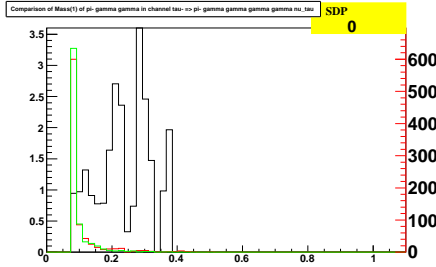
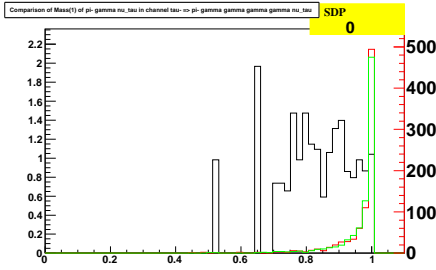
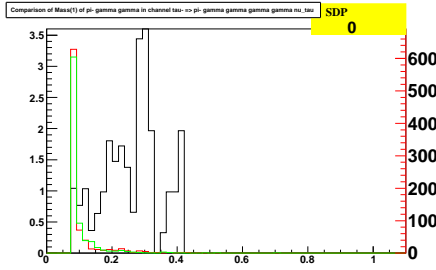
Number of events from generator 1: 840

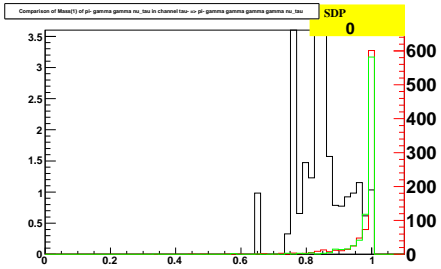
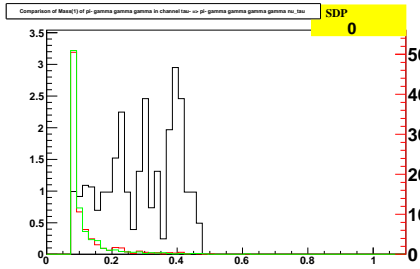
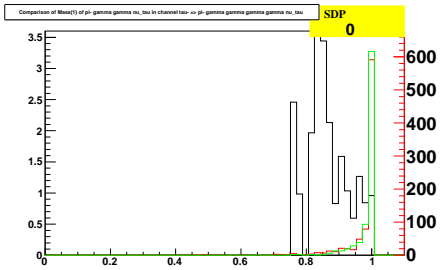
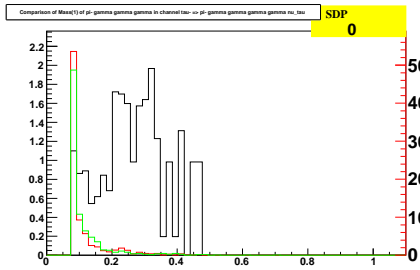
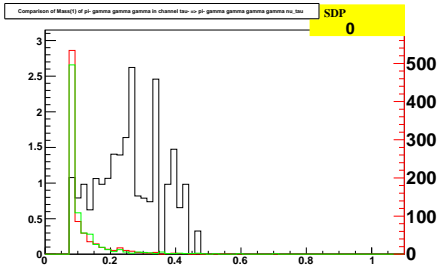
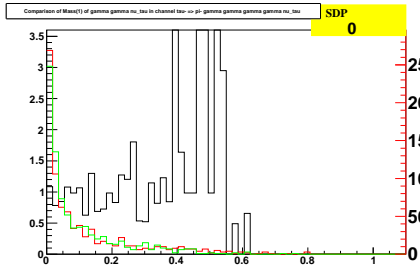
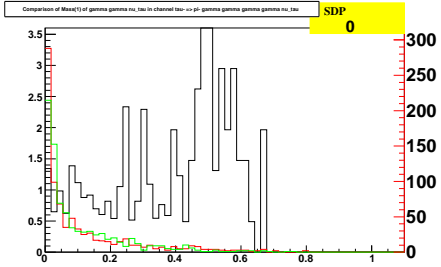
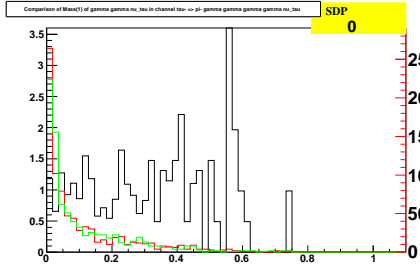
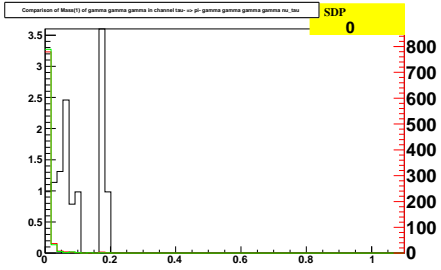
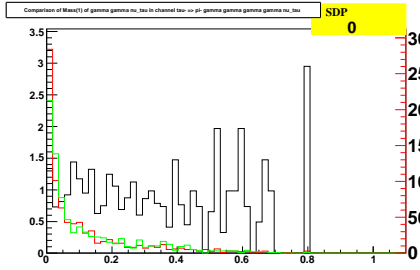
Number of events from generator 2: 826 (scaled to generator1)

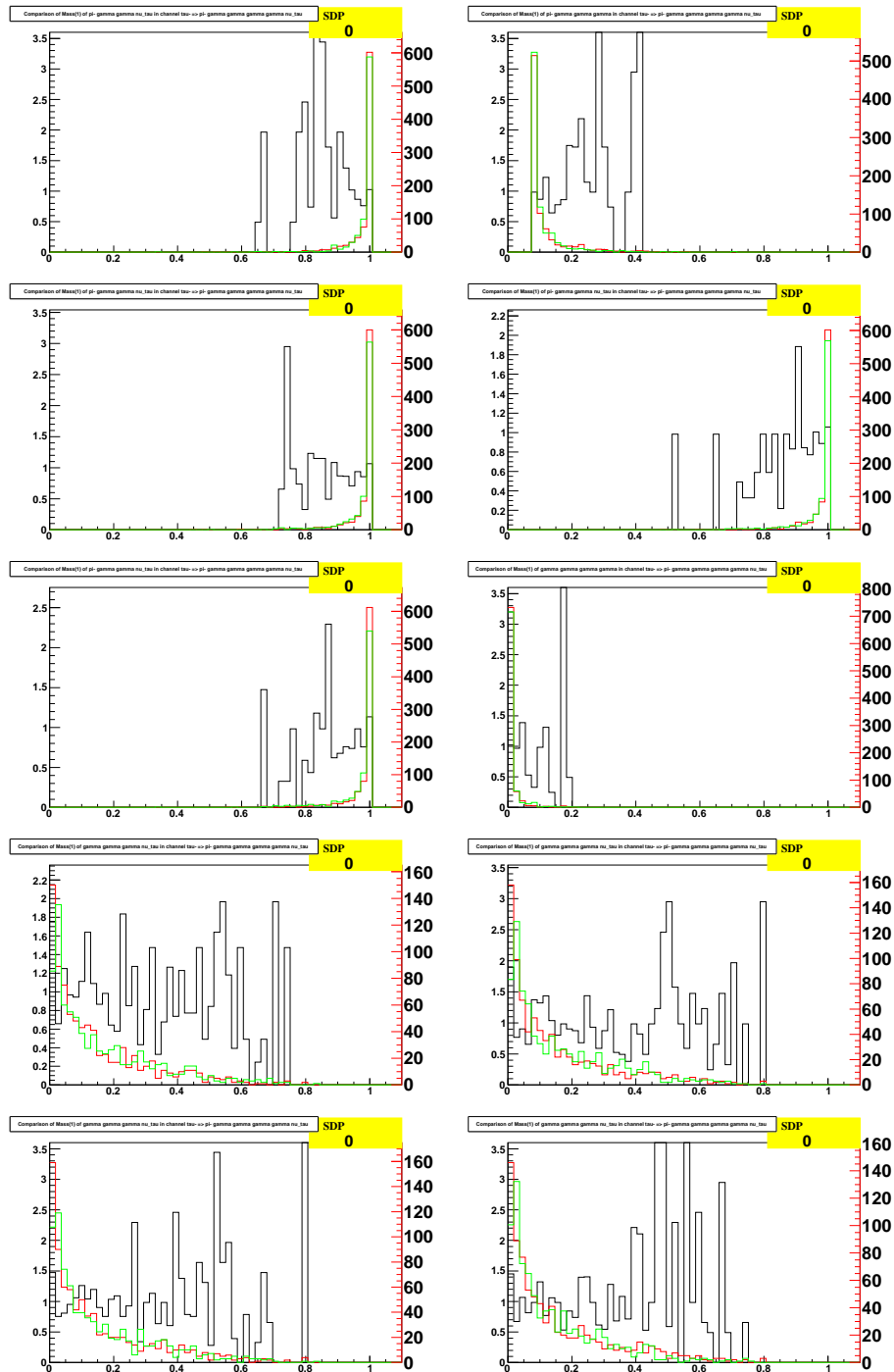


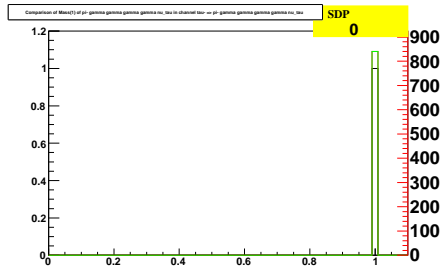
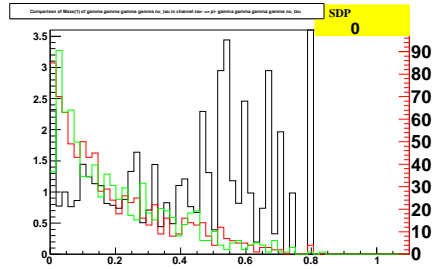
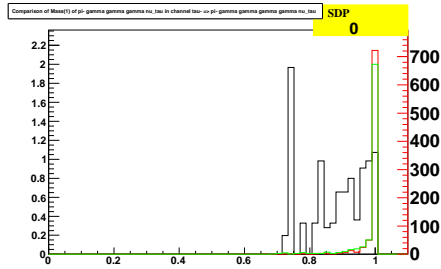
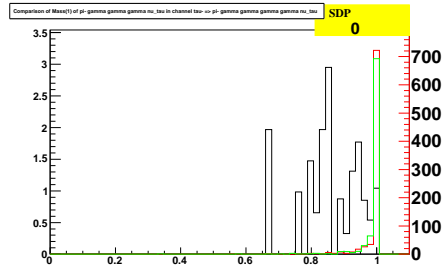
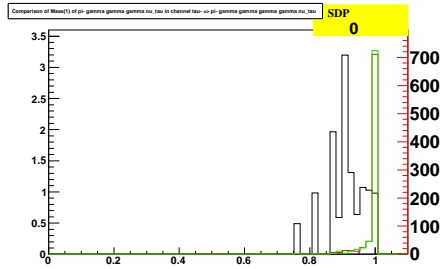
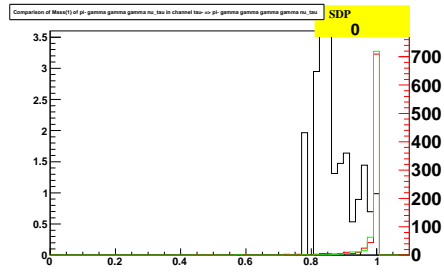
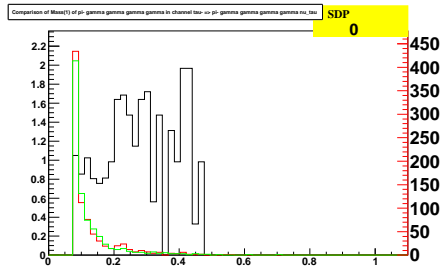








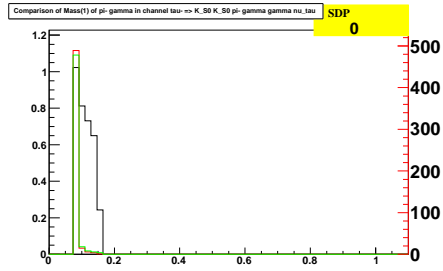
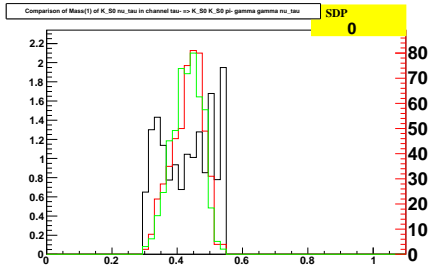
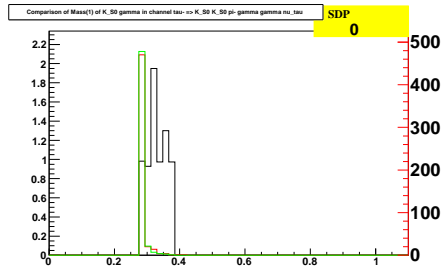
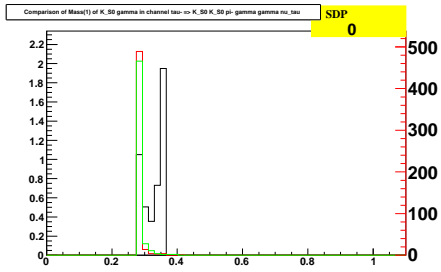
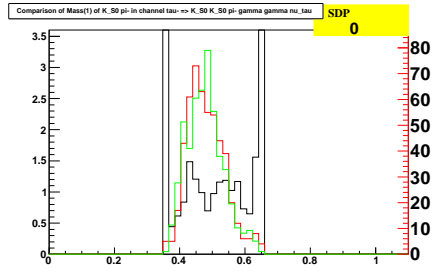
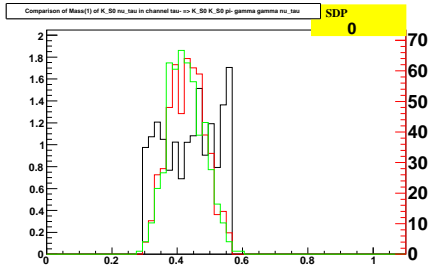
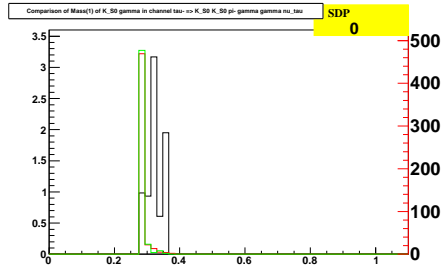
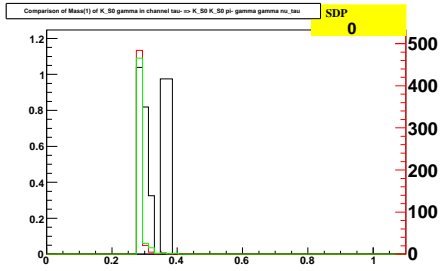
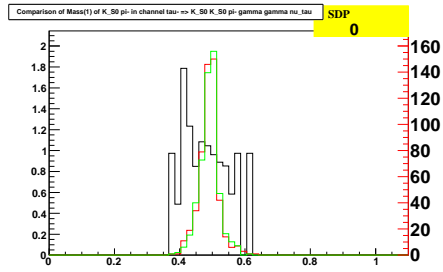
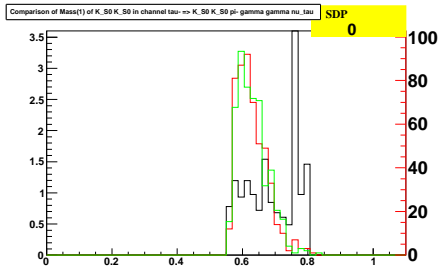


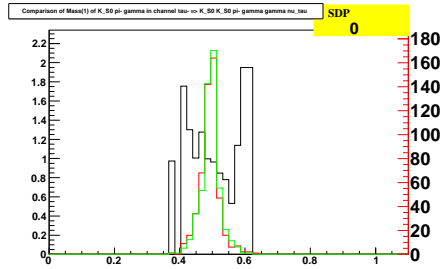
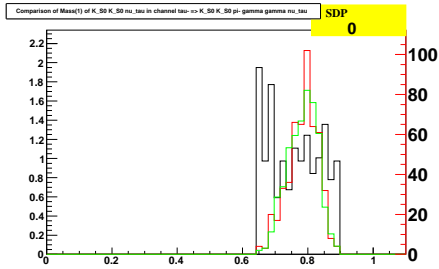
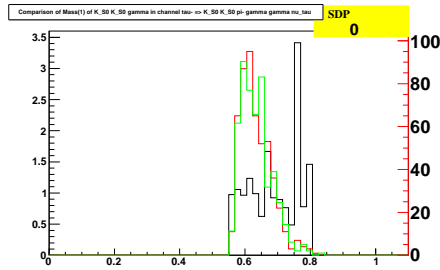
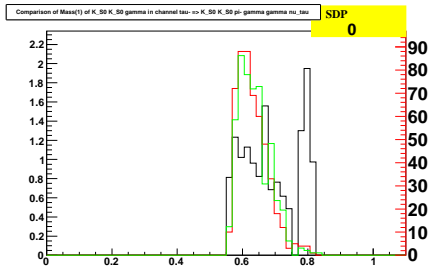
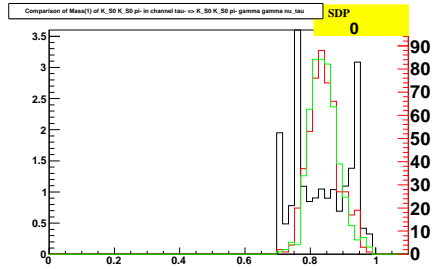
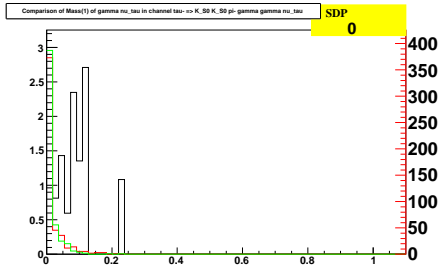
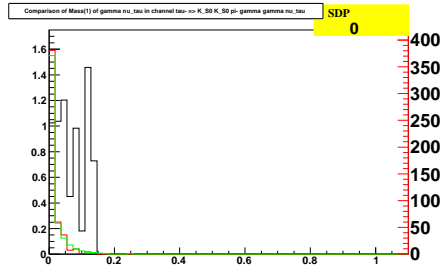
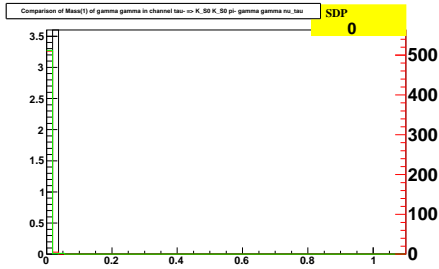
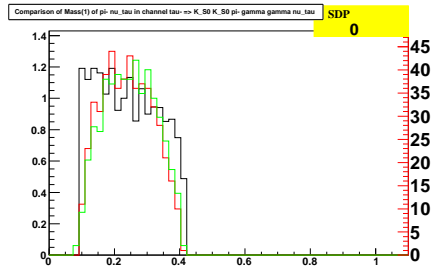
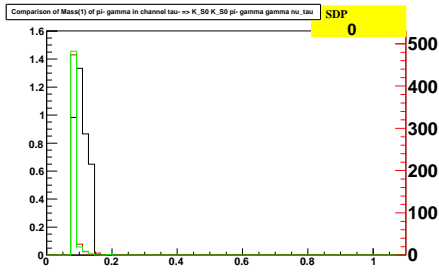


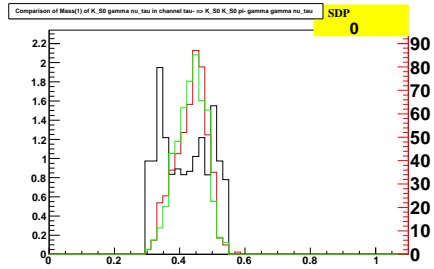
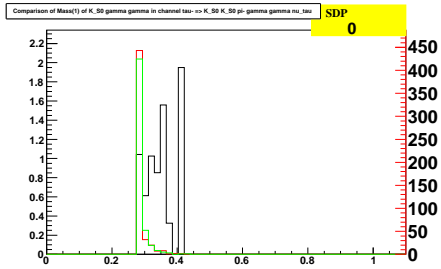
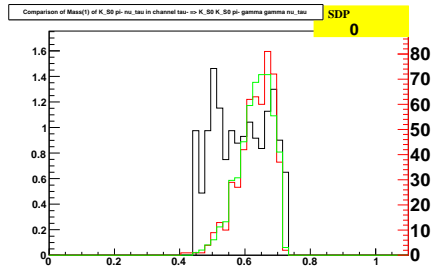
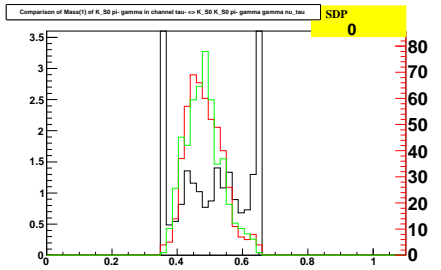
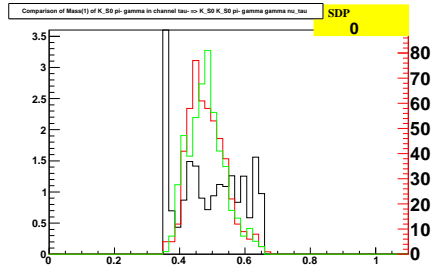
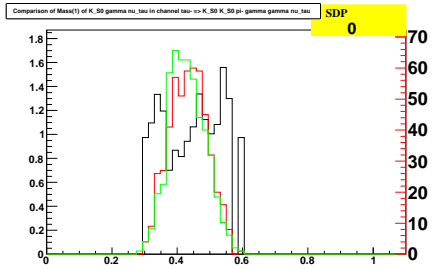
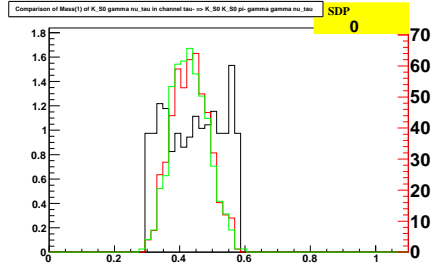
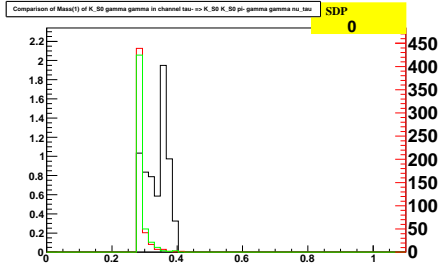
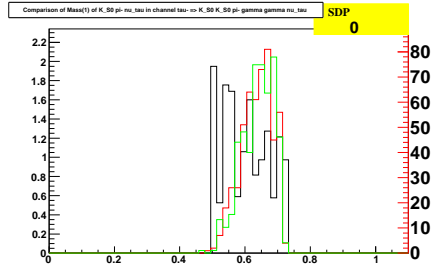
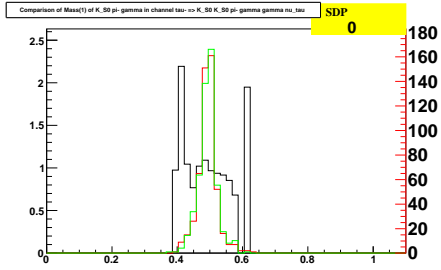
## 79 Decay Channel: $\tau^- \rightarrow K_S^0 K_S^0 \pi^- \gamma \gamma \nu_\tau$

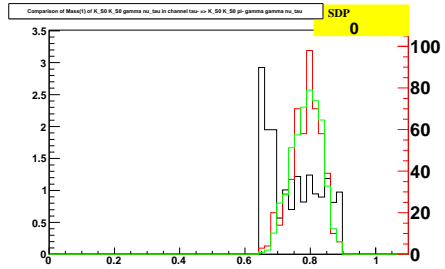
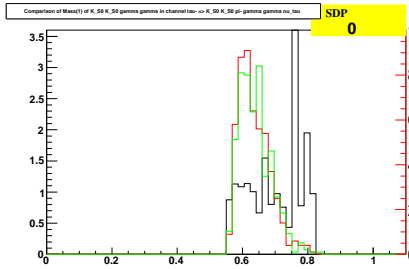
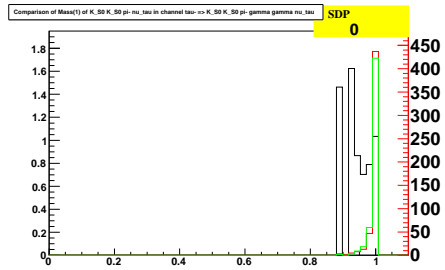
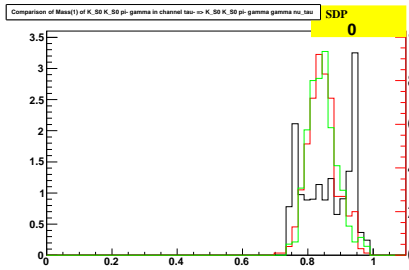
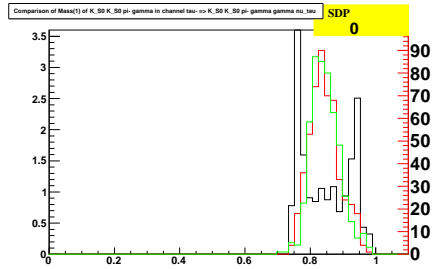
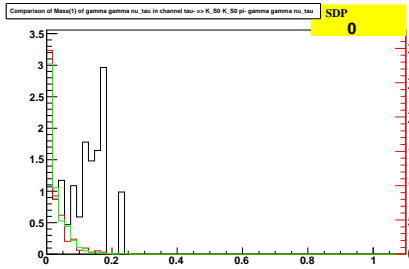
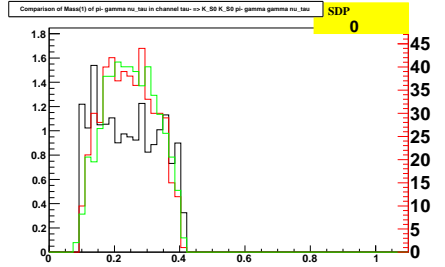
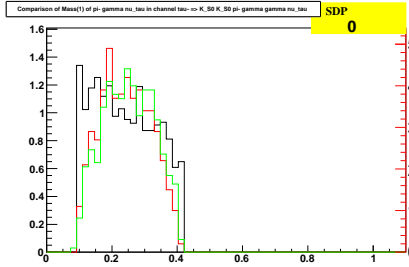
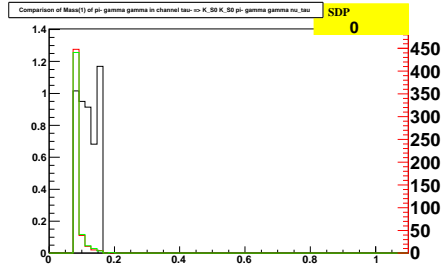
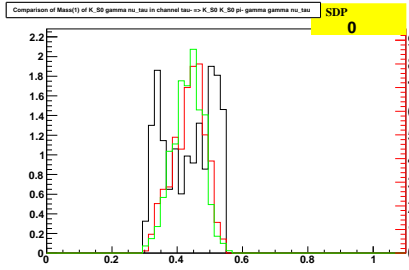
Number of events from generator 1: 515

Number of events from generator 2: 502 (scaled to generator1)

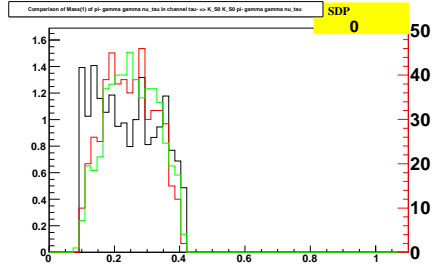
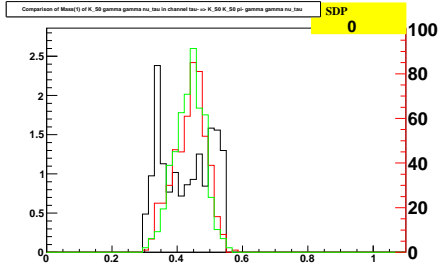
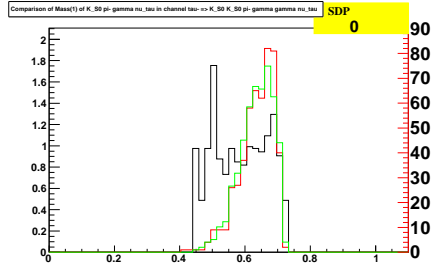
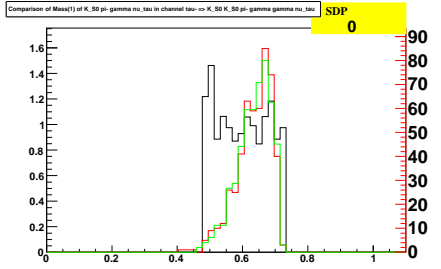
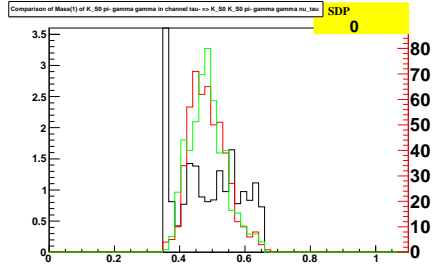
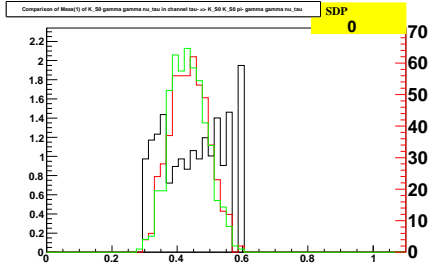
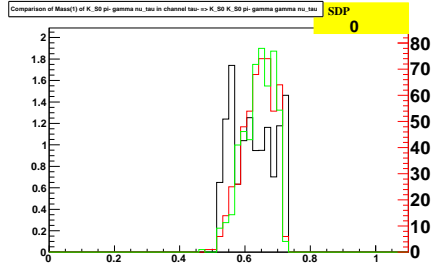
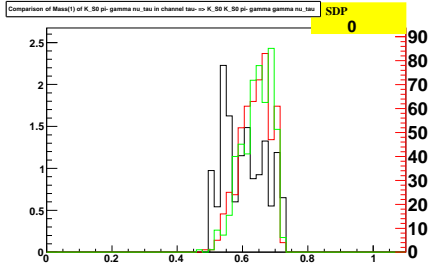
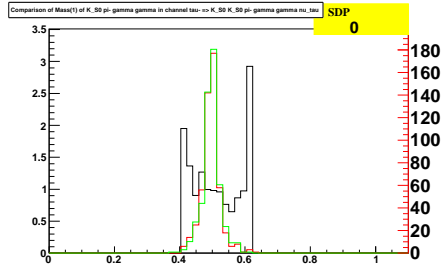
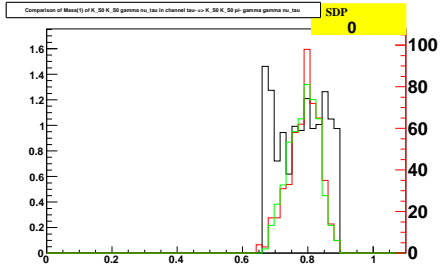


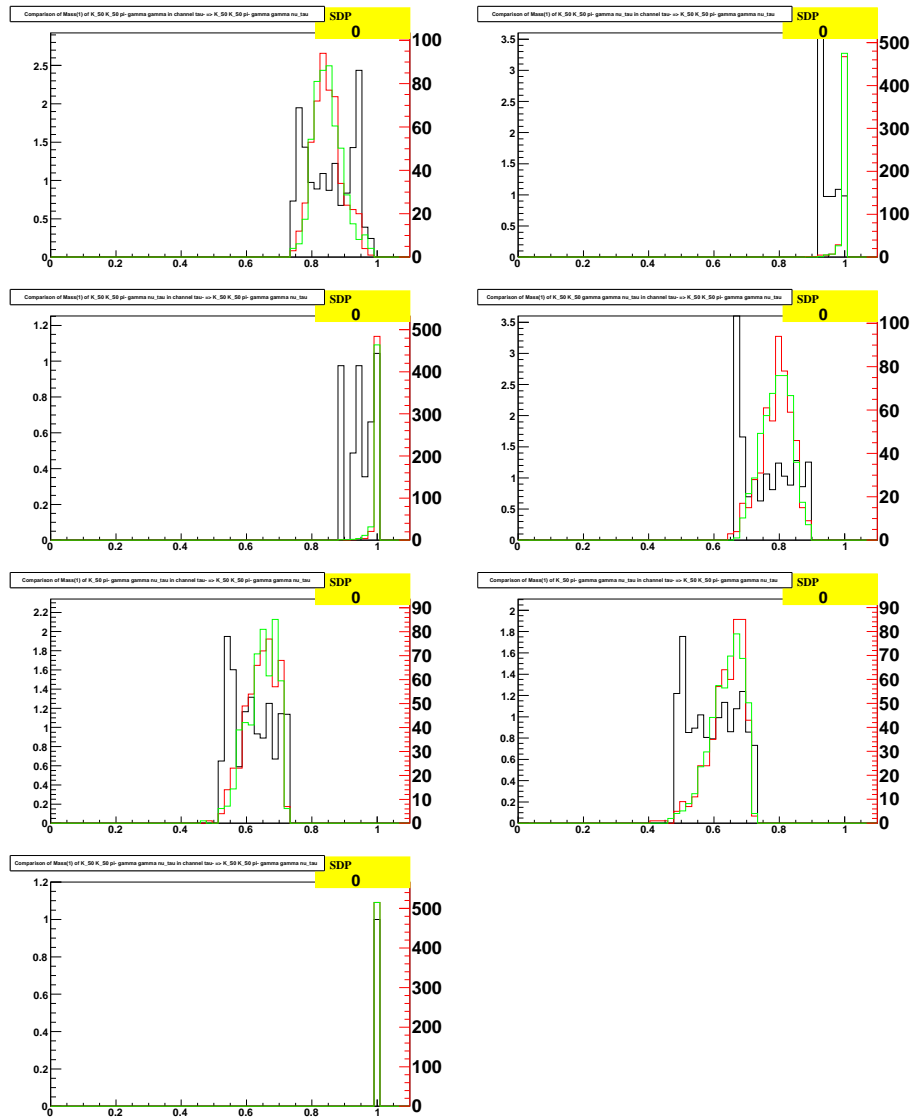








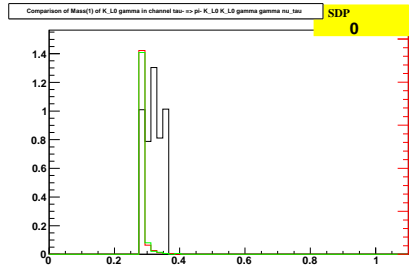
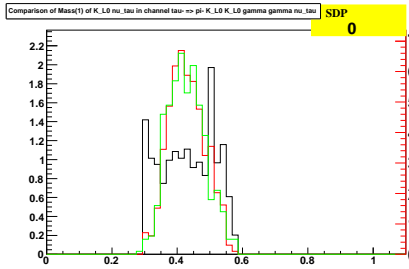
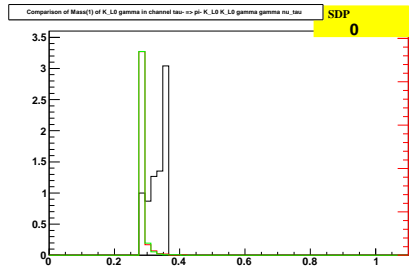
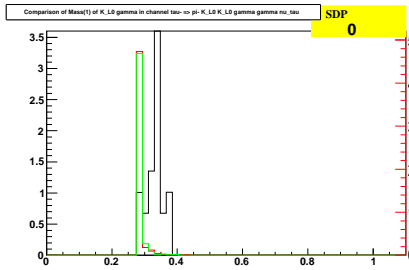
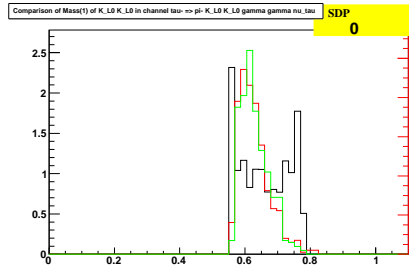
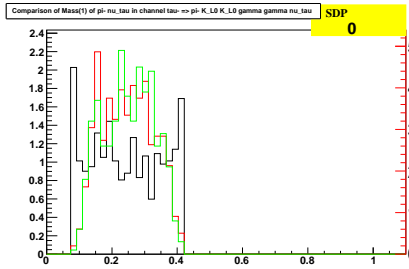
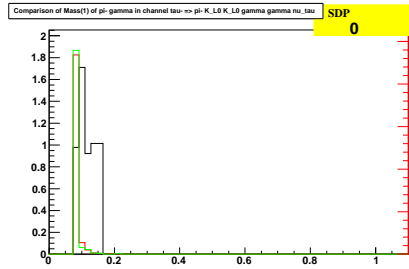
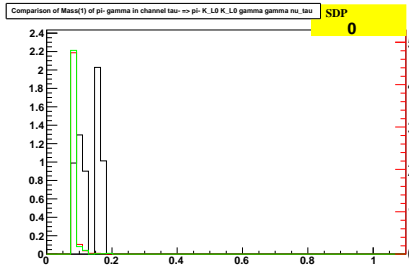
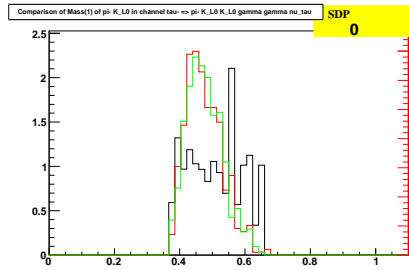
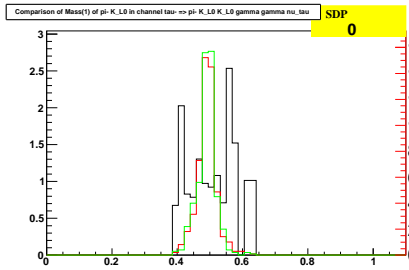


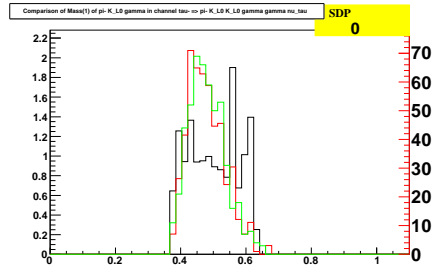
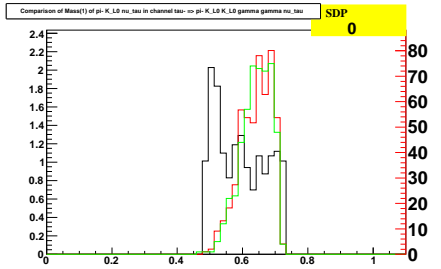
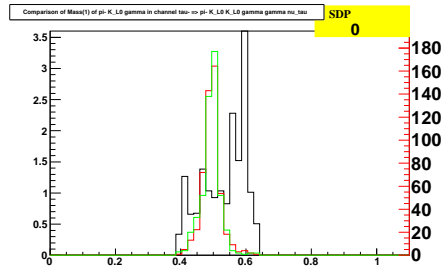
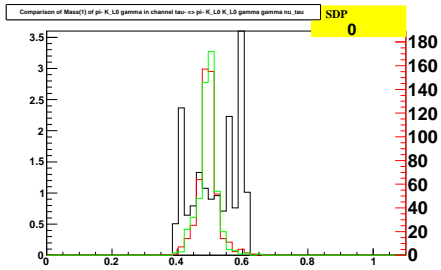
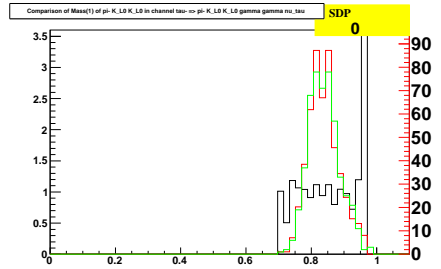
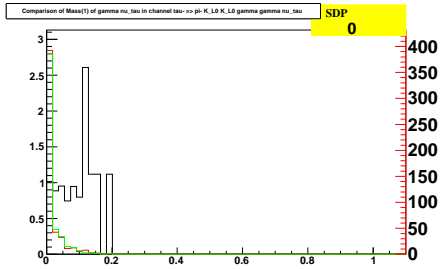
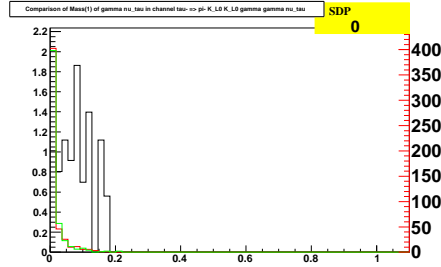
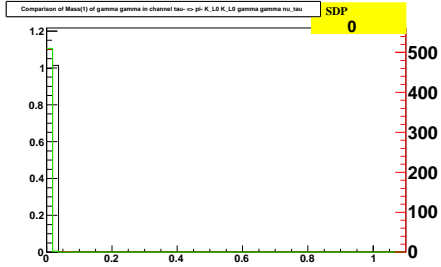
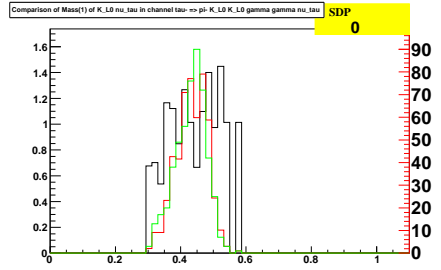
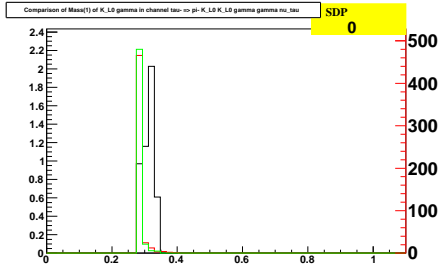


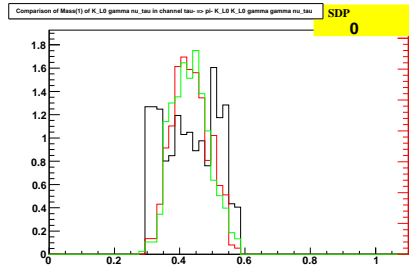
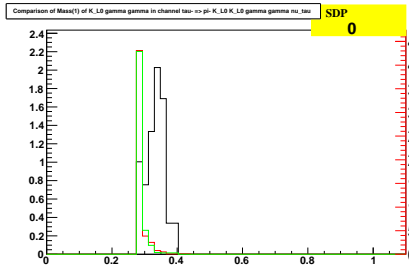
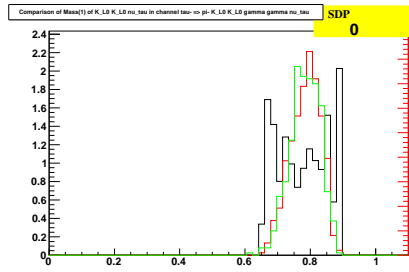
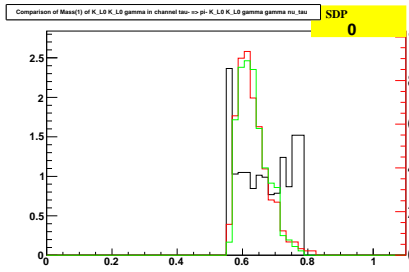
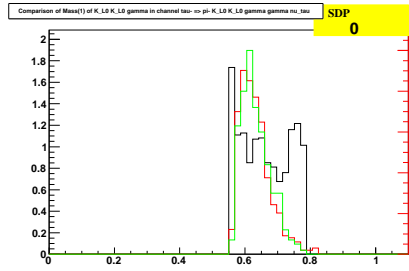
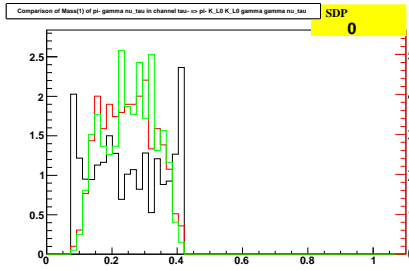
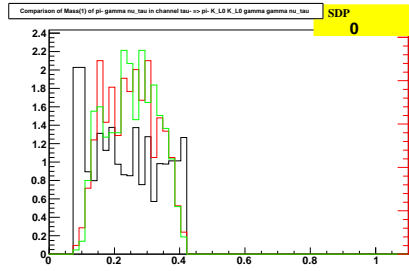
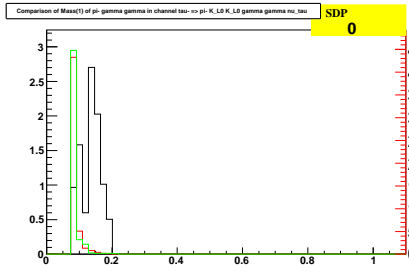
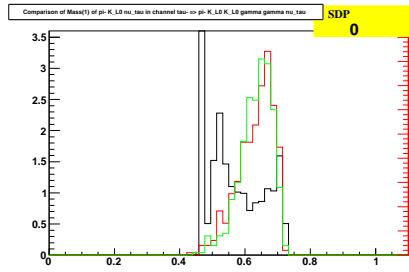
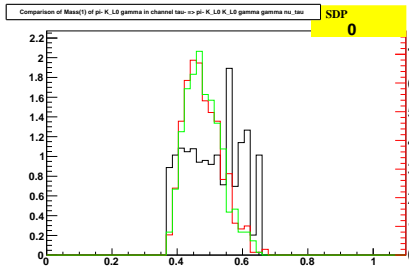
## 80 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 K_L^0 \gamma \nu_\tau$

Number of events from generator 1: 505 (scaled to generator2)

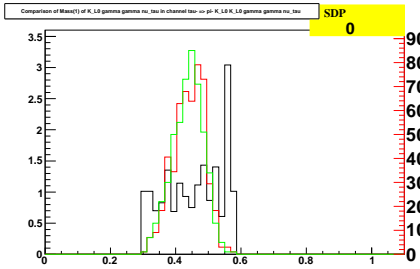
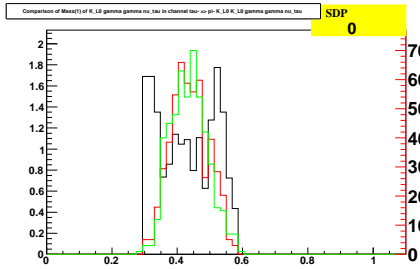
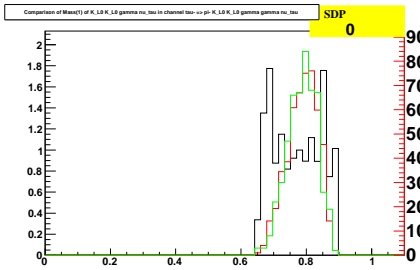
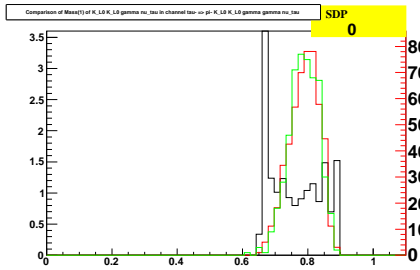
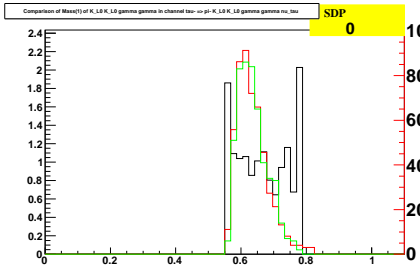
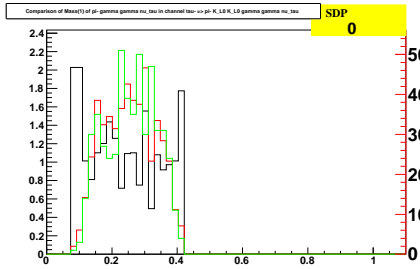
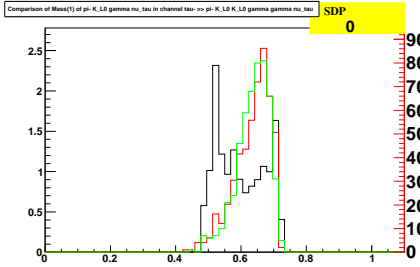
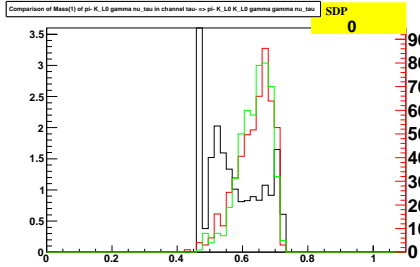
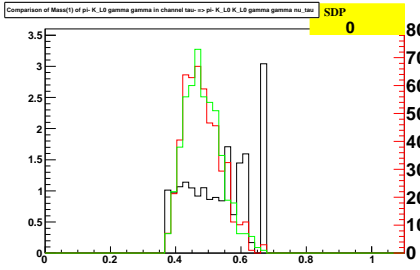
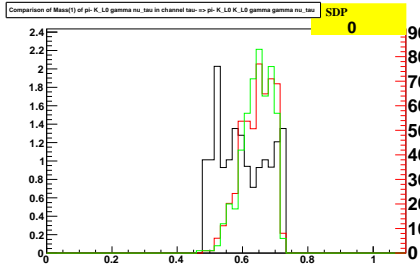
Number of events from generator 2: 512

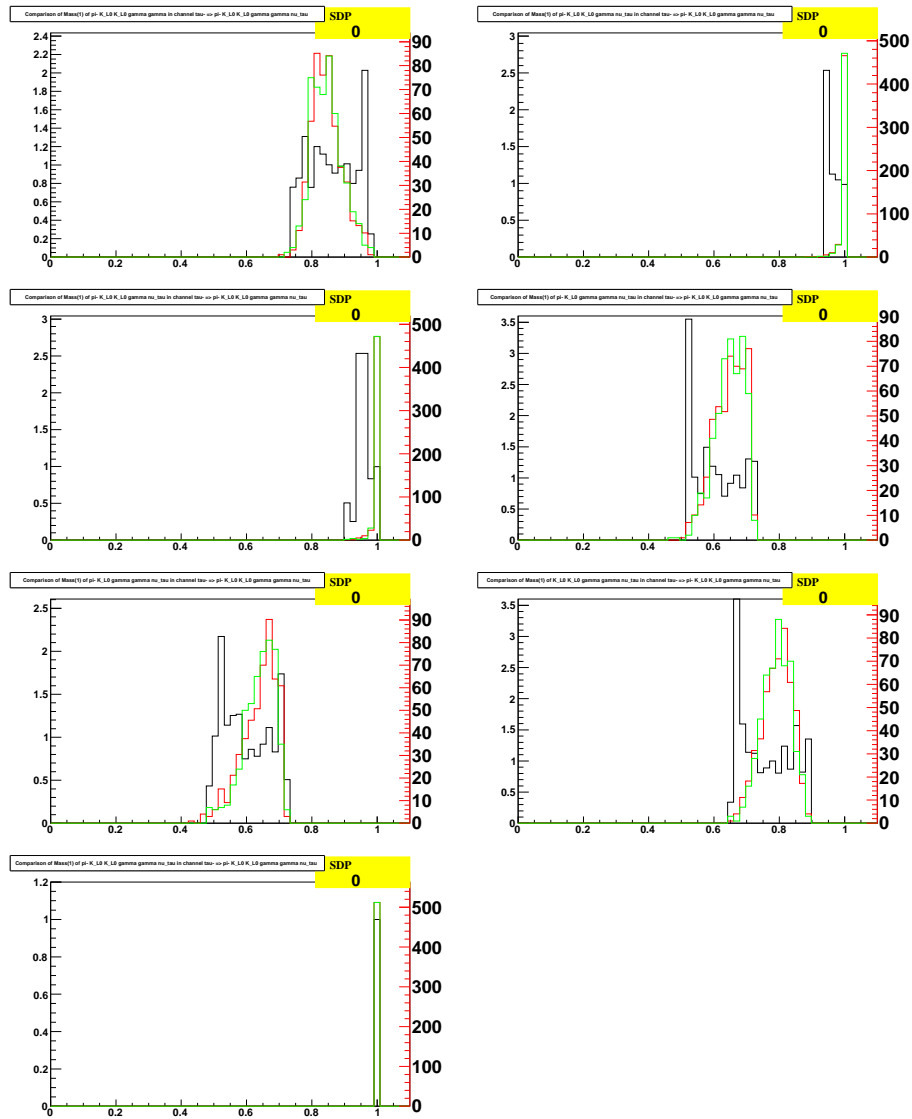










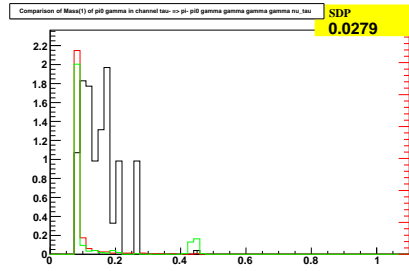
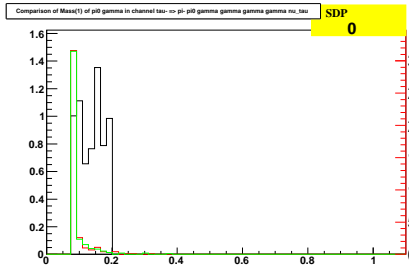
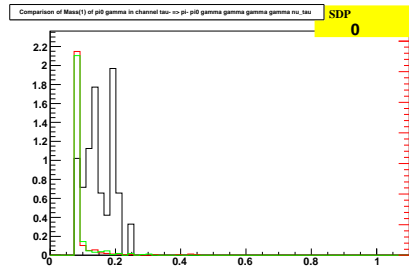
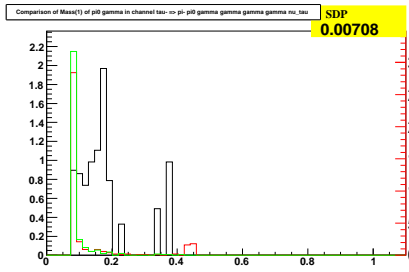
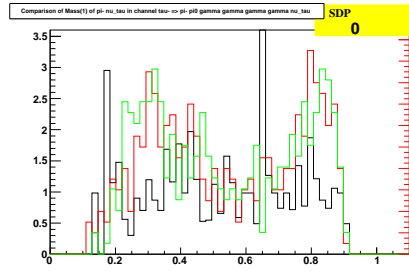
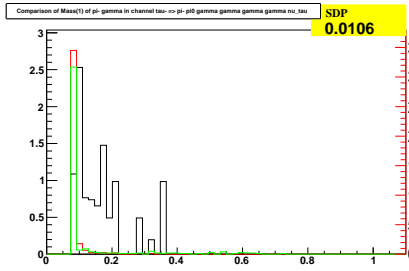
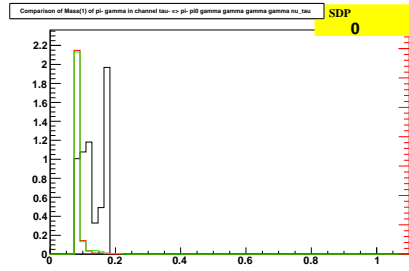
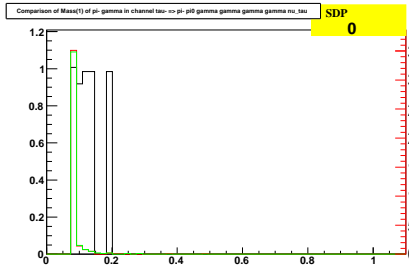
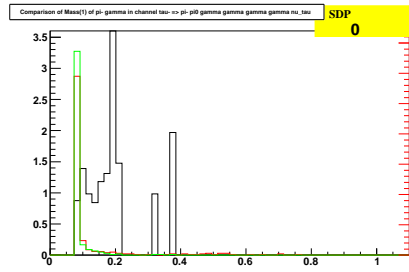
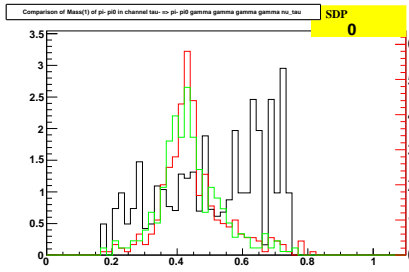


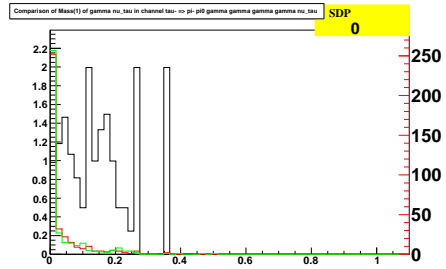
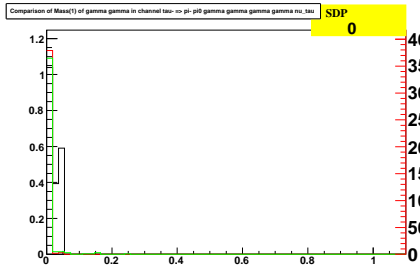
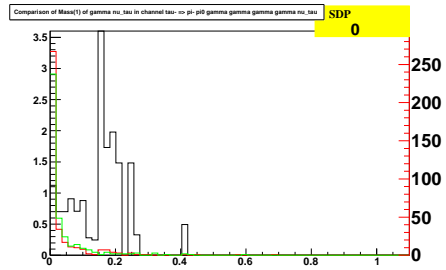
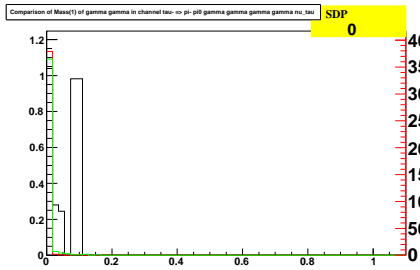
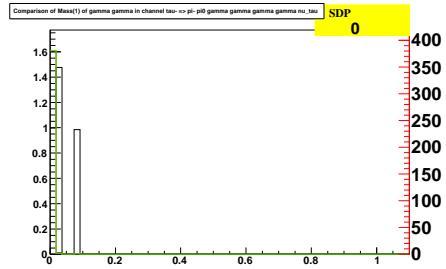
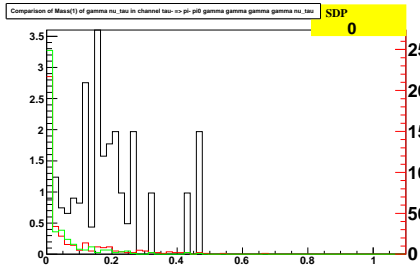
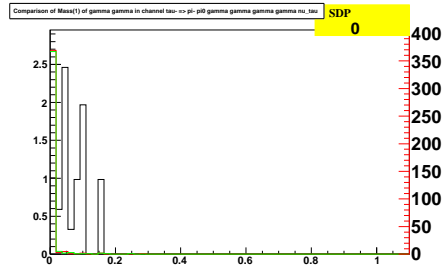
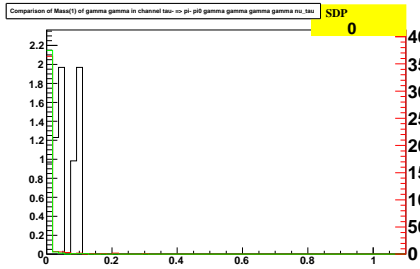
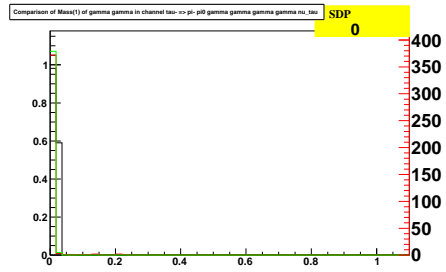
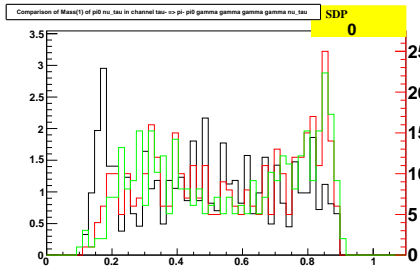
## 81 Decay Channel: $\tau^- \rightarrow \pi^- \pi^0 \gamma \gamma \nu_\tau$

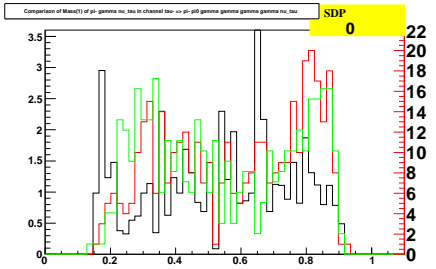
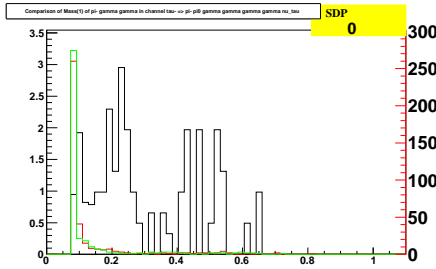
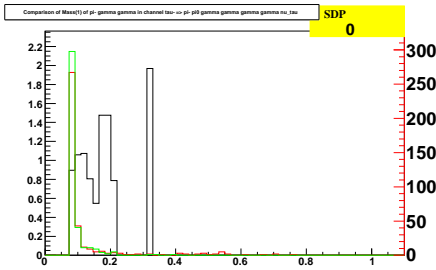
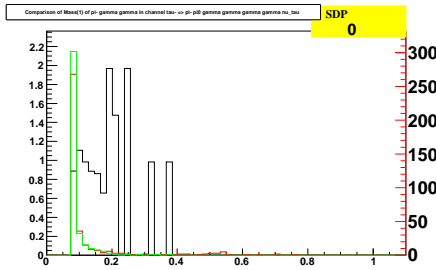
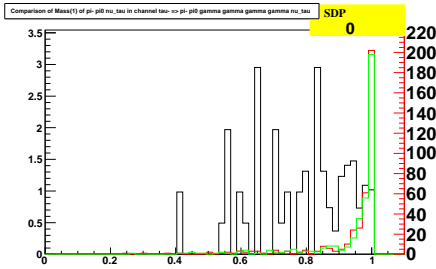
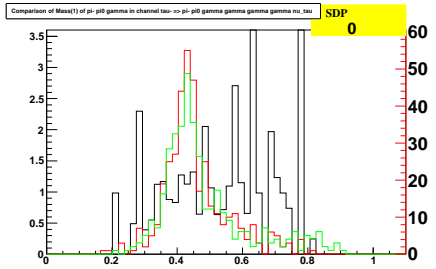
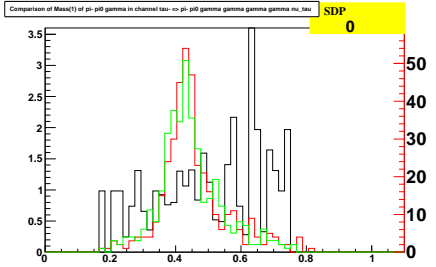
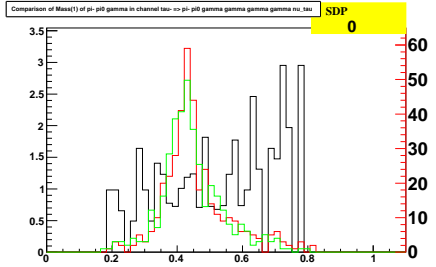
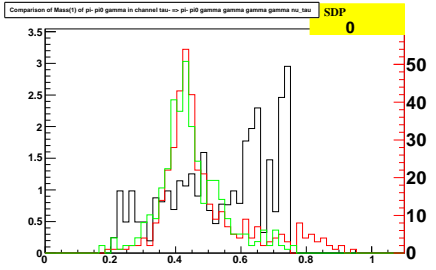
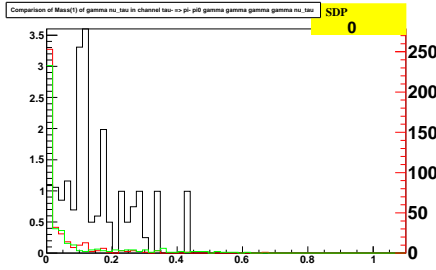
Number of events from generator 1: 384

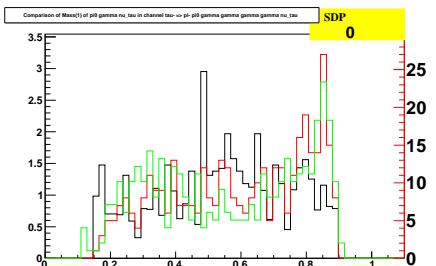
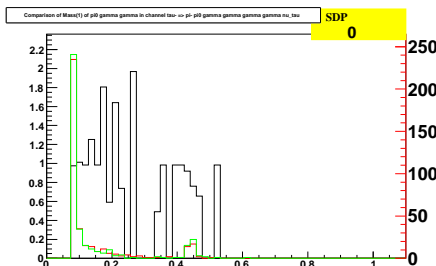
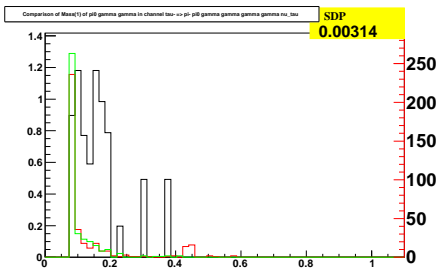
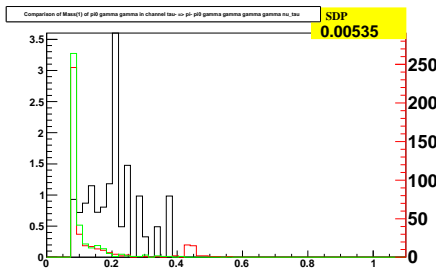
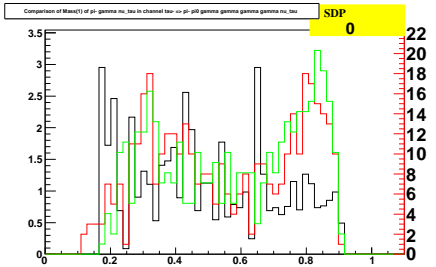
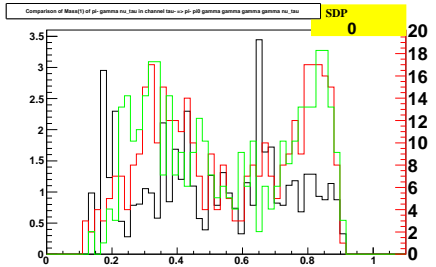
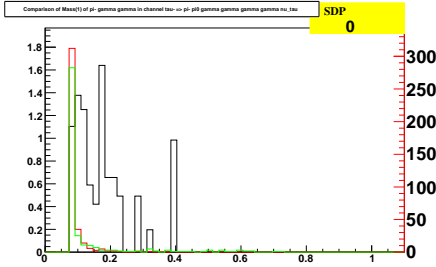
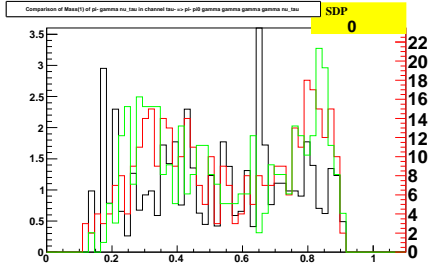
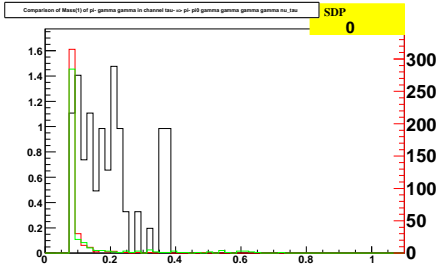
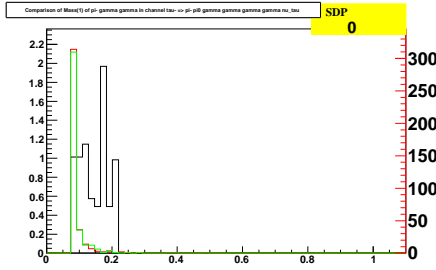
Number of events from generator 2: 378 (scaled to generator1)

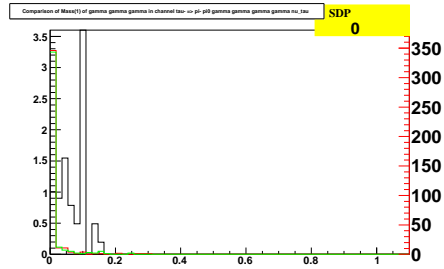
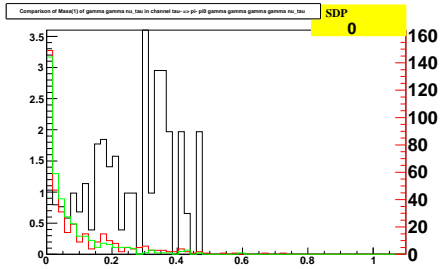
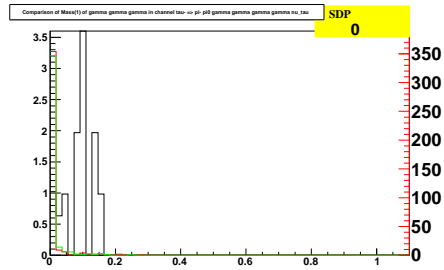
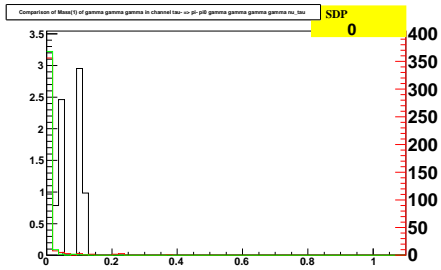
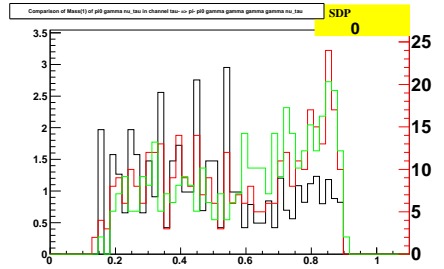
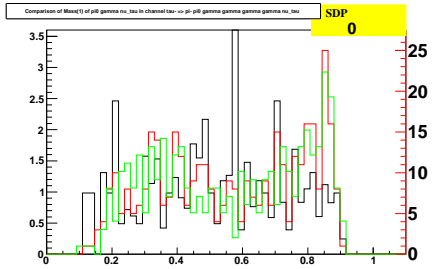
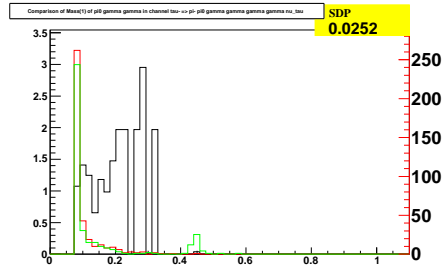
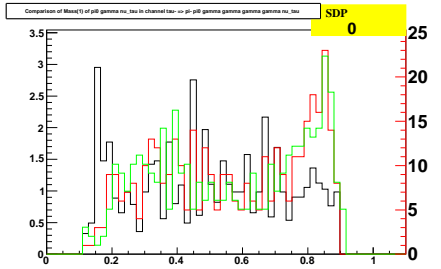
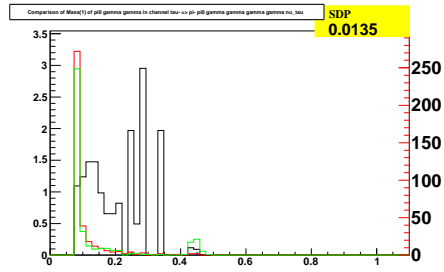
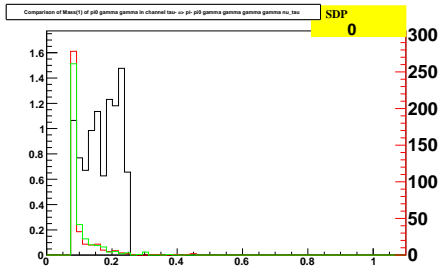


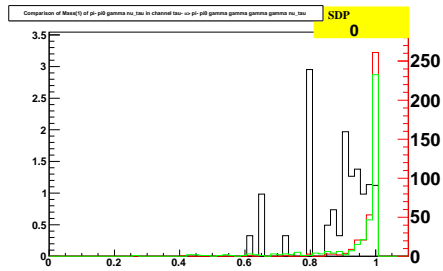
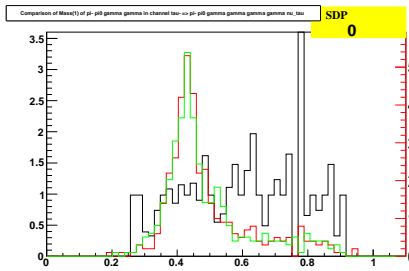
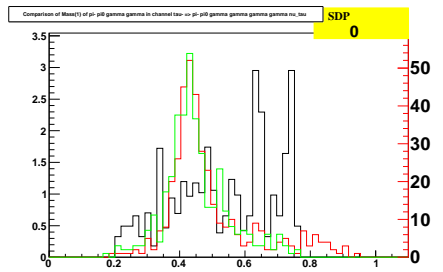
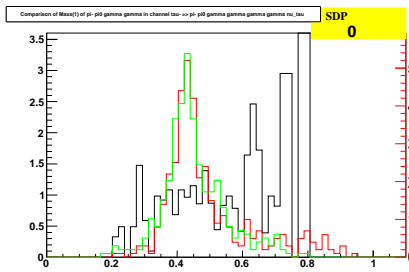
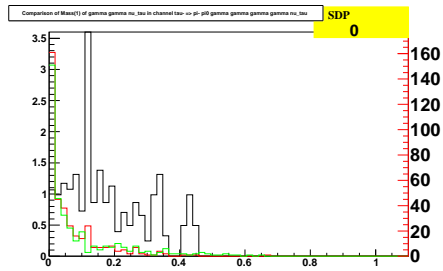
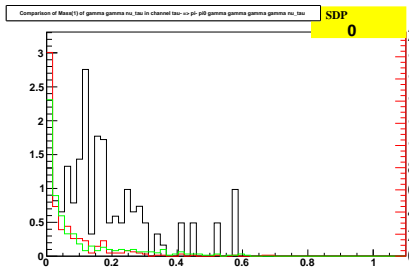
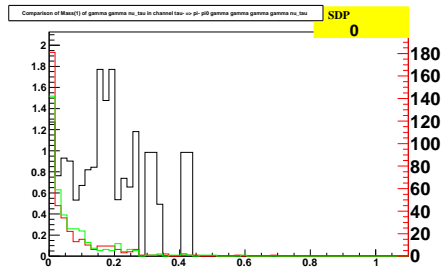
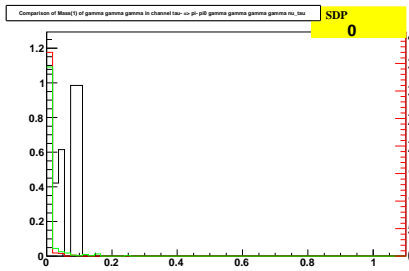
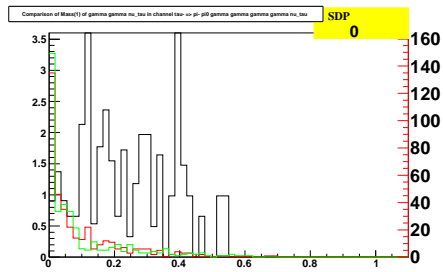
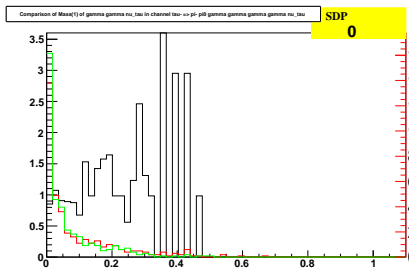


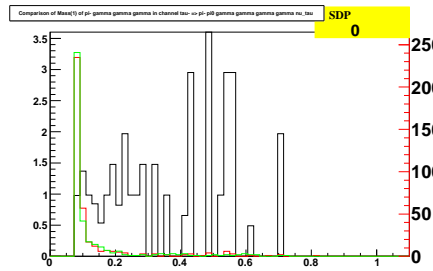
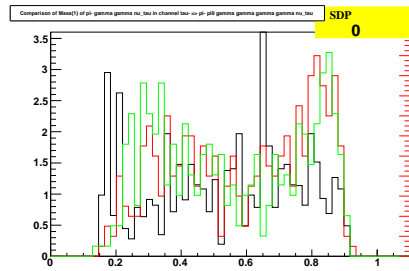
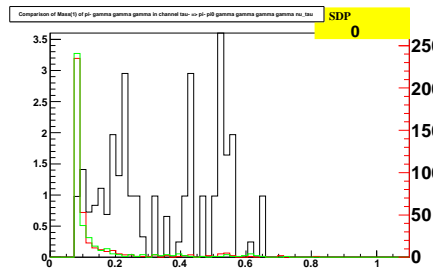
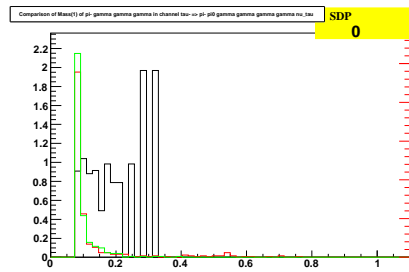
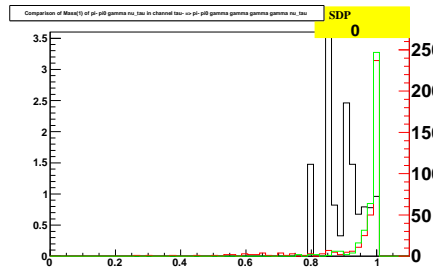
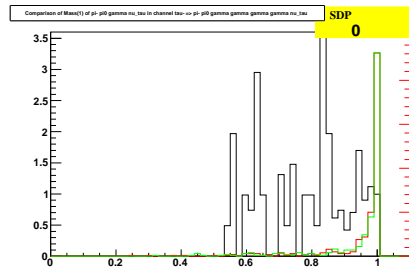
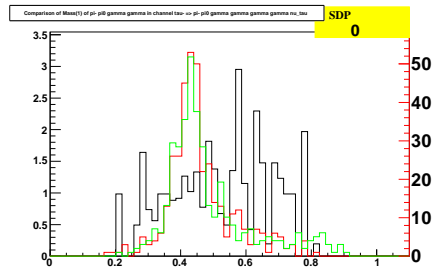
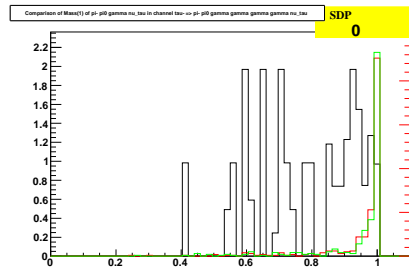
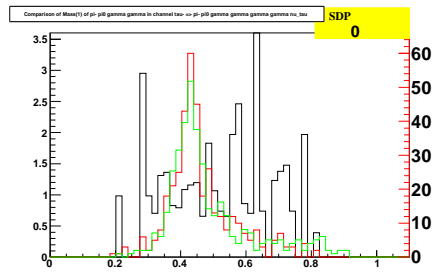
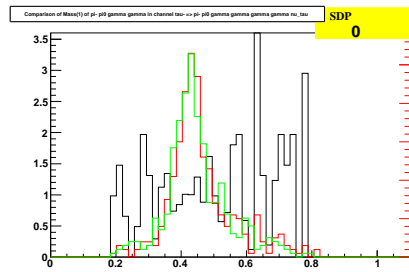


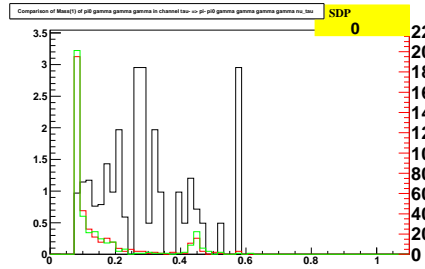
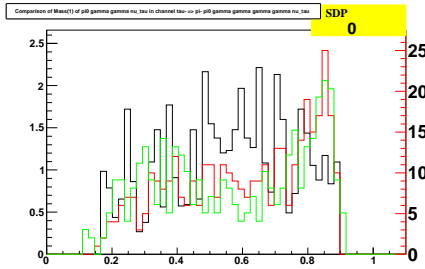
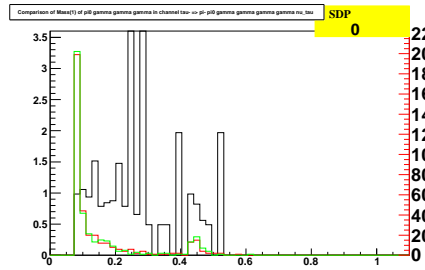
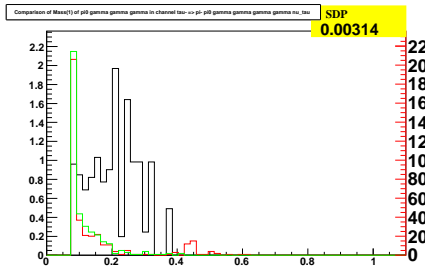
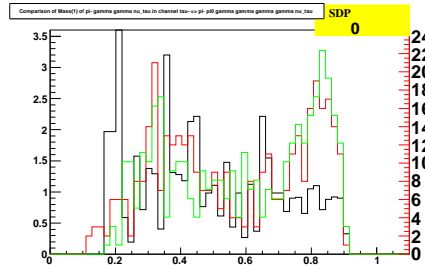
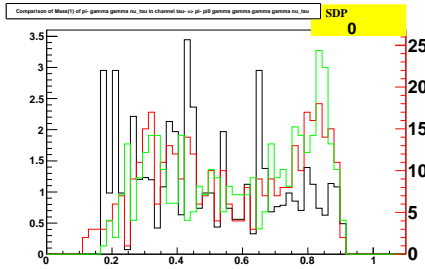
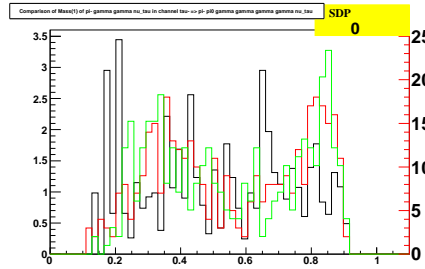
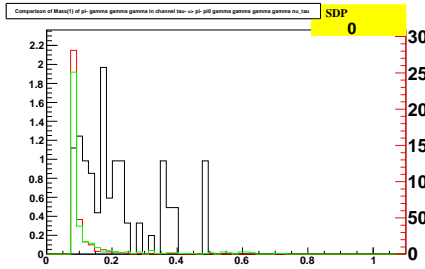
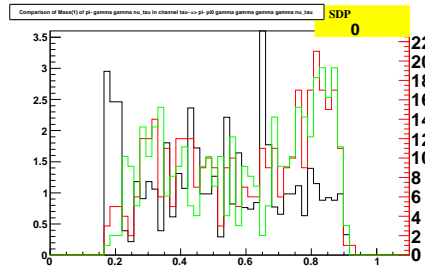
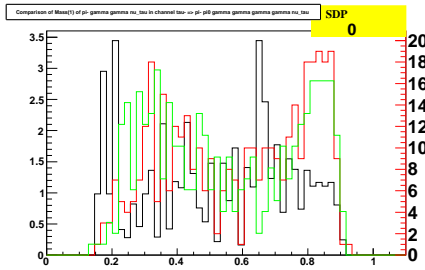




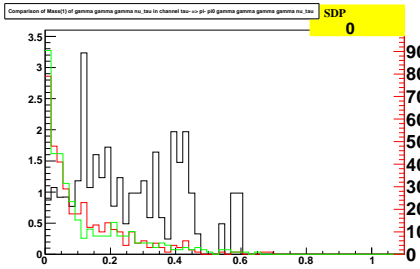
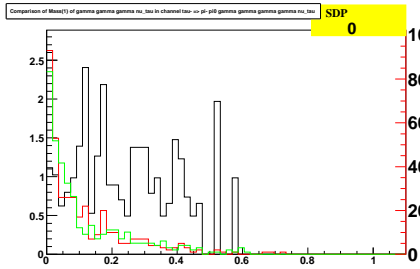
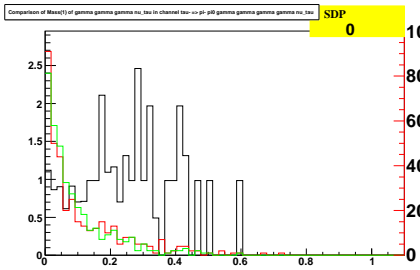
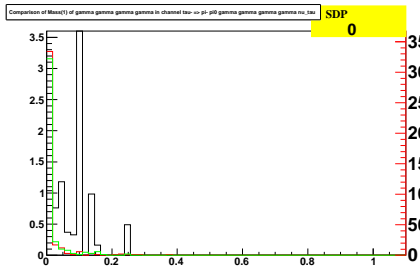
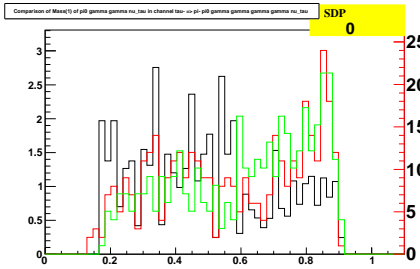
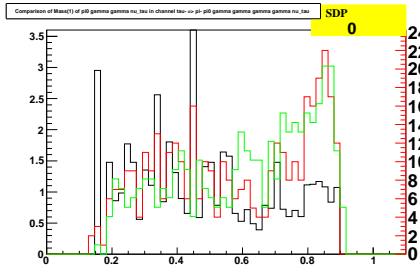
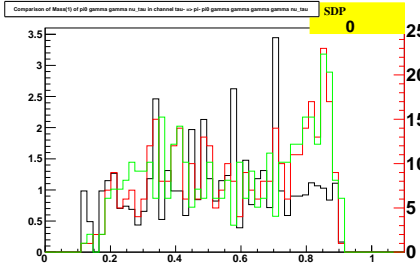
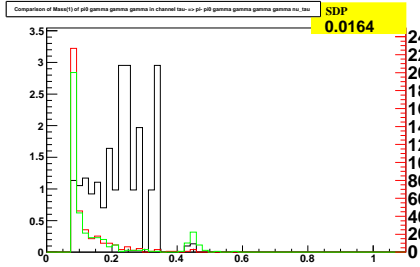
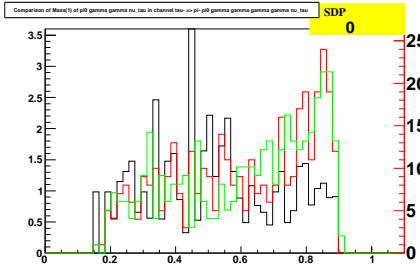
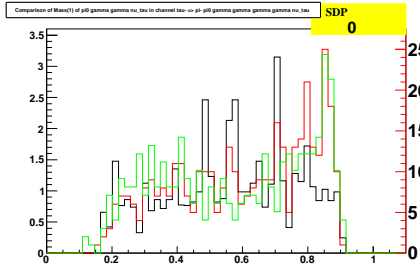


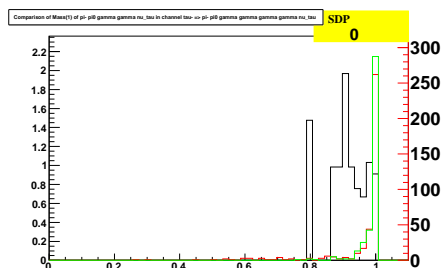
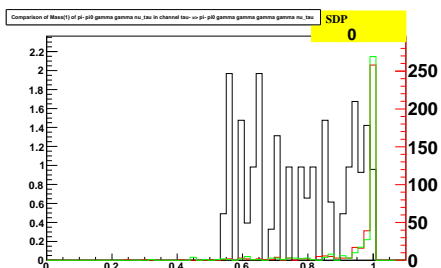
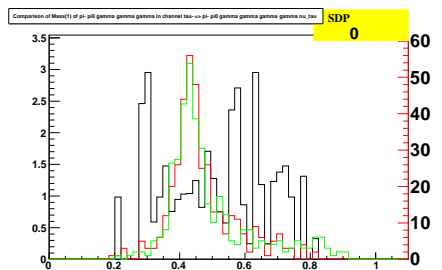
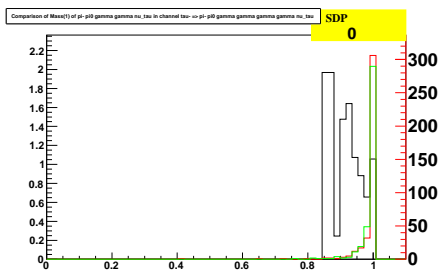
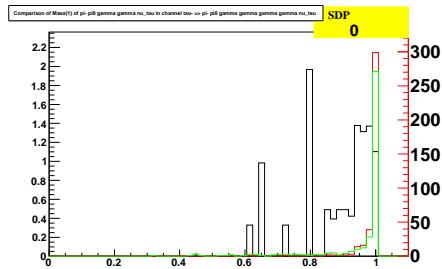
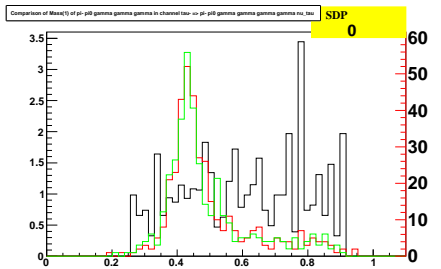
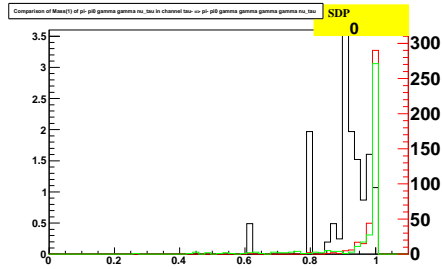
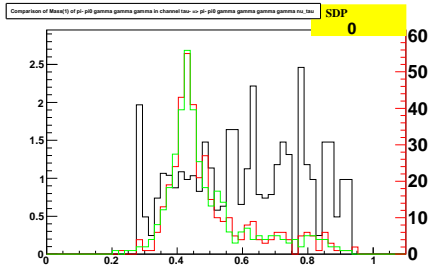
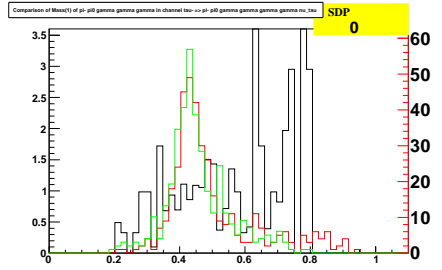
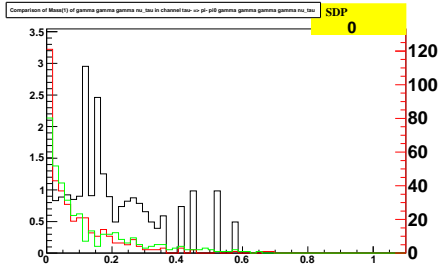


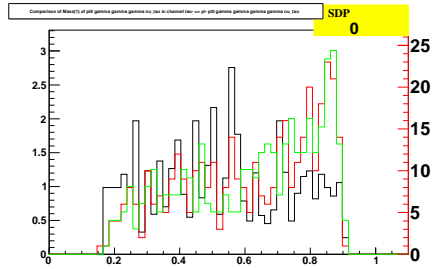
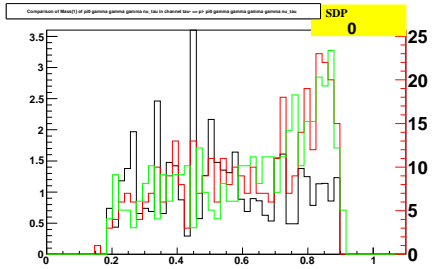
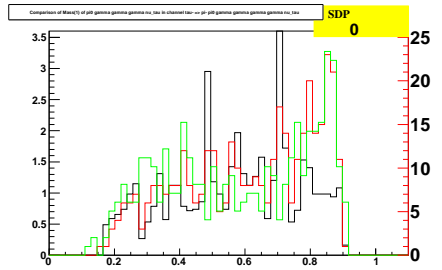
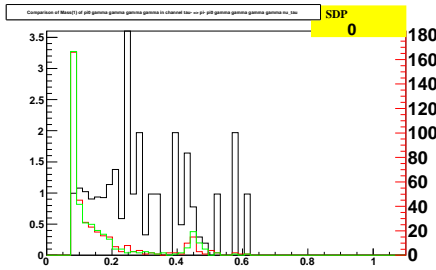
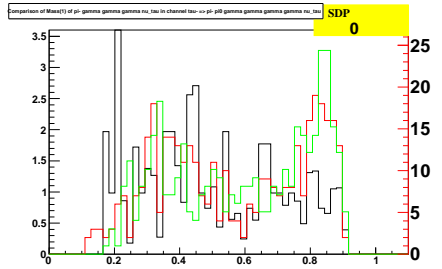
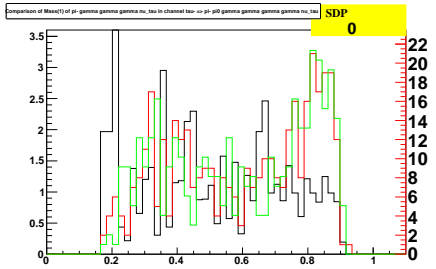
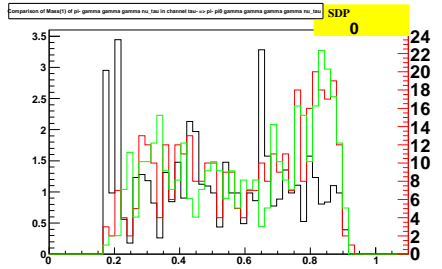
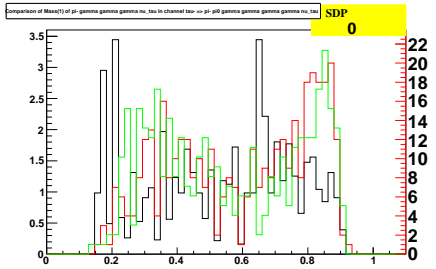
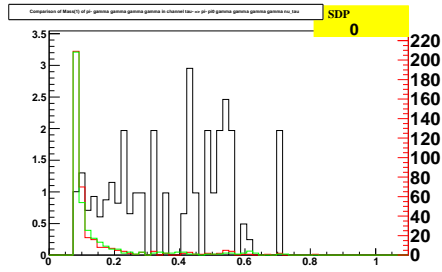
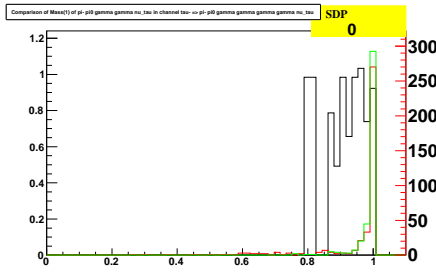


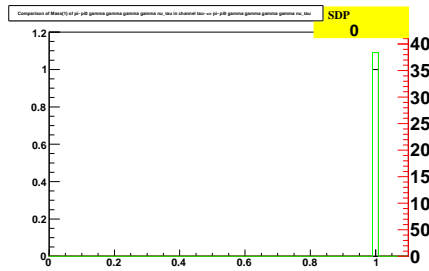
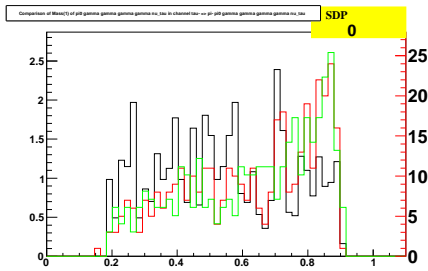
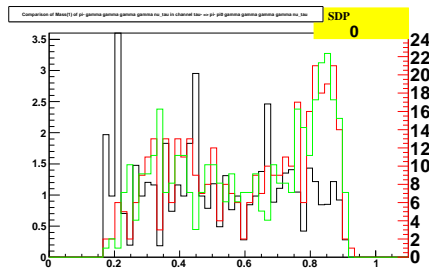
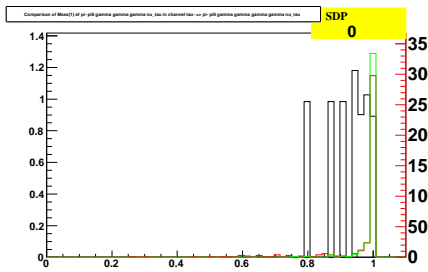
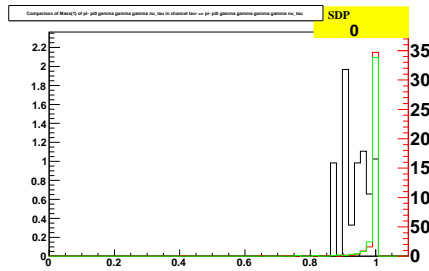
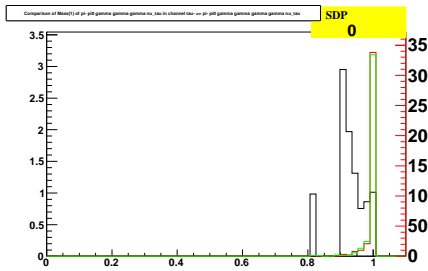
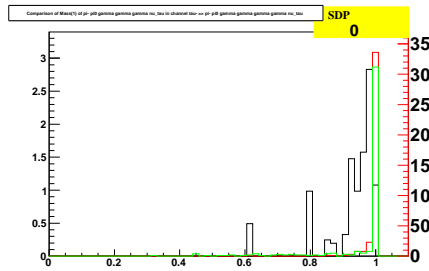
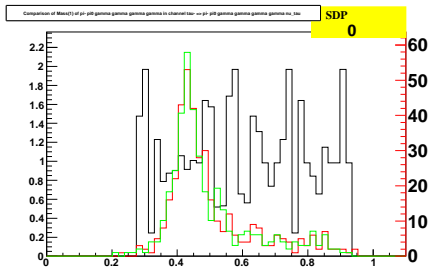
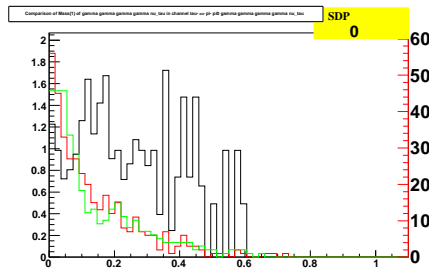
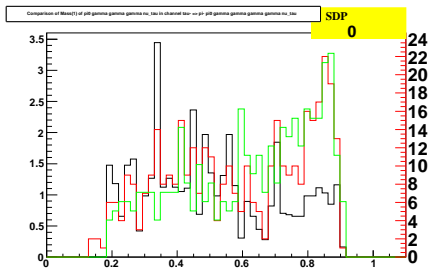








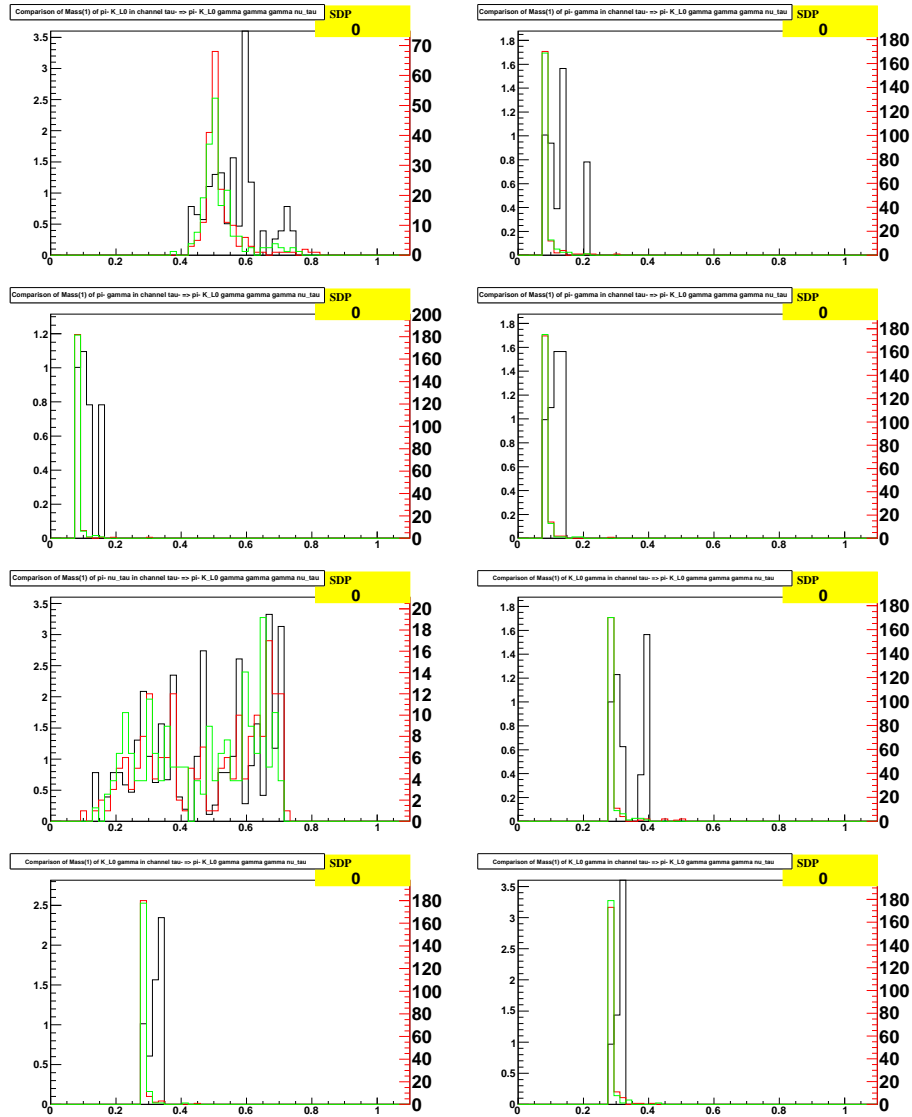


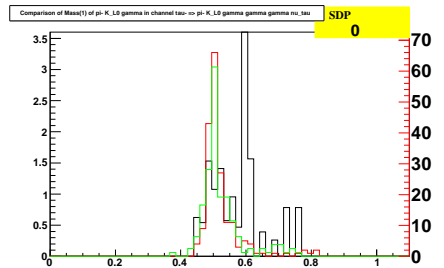
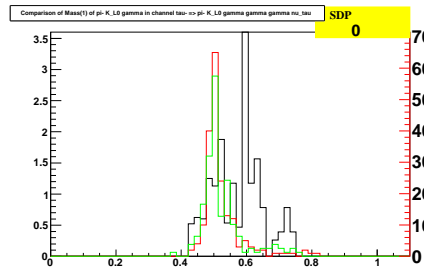
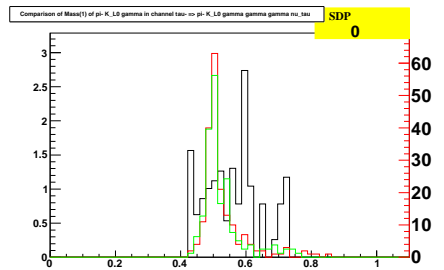
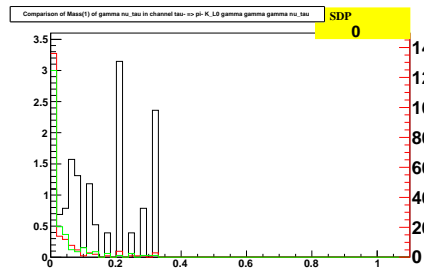
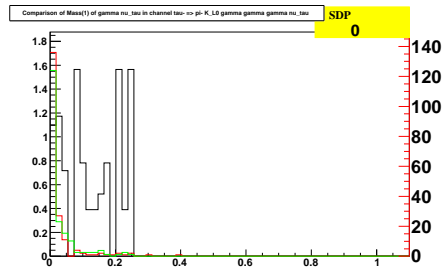
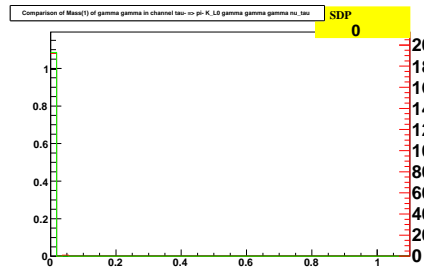
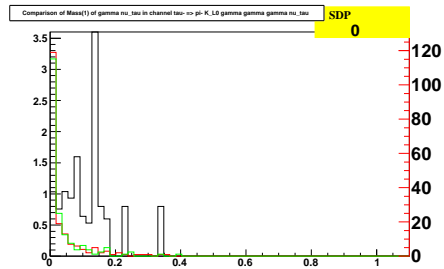
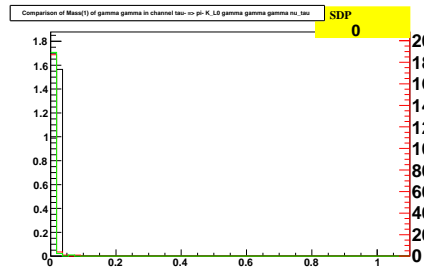
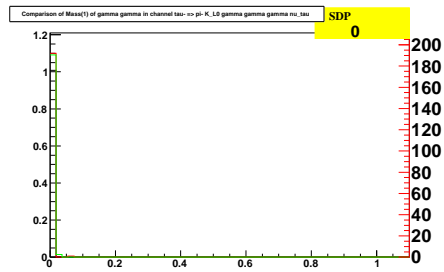
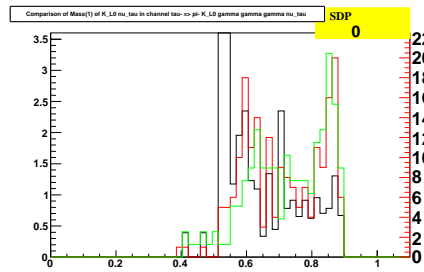


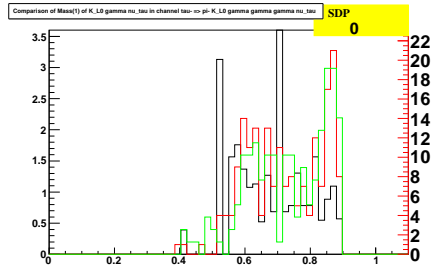
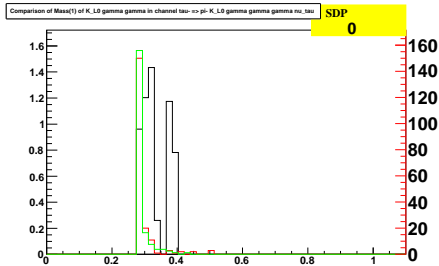
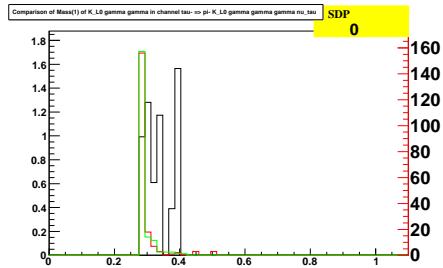
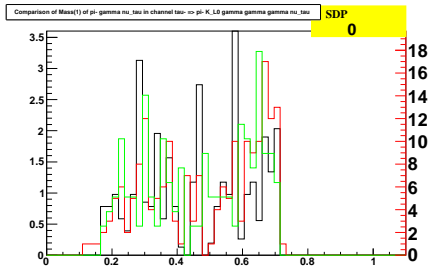
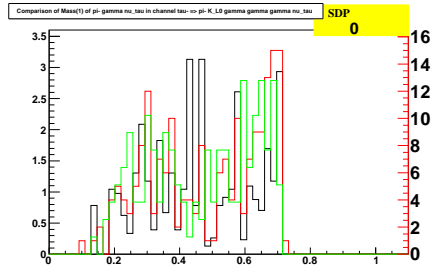
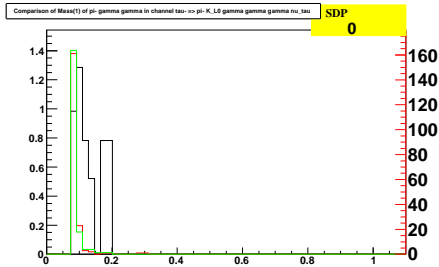
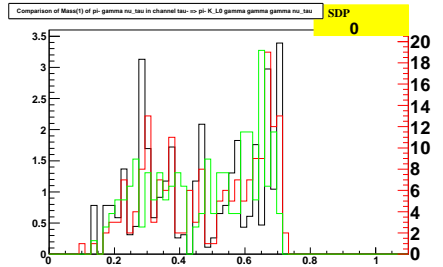
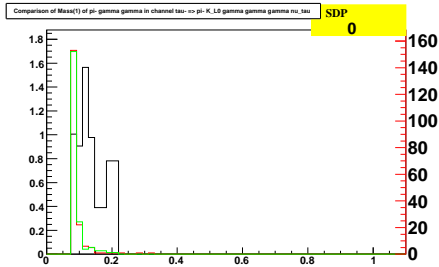
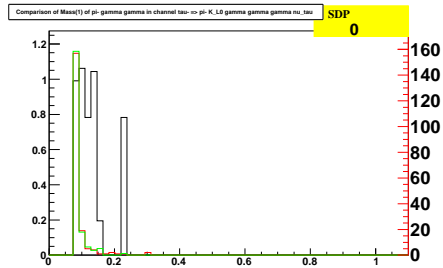
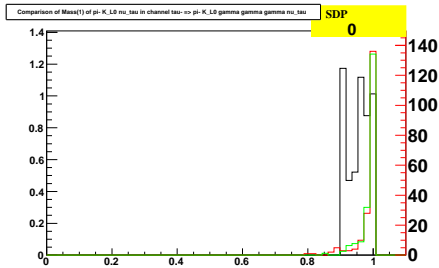
## 82 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \gamma \gamma \nu_\tau$

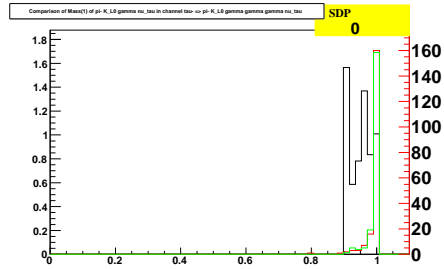
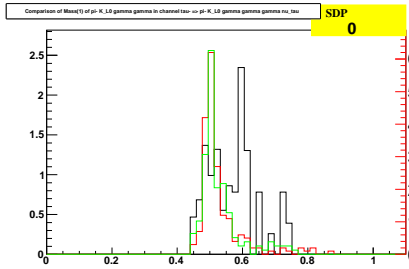
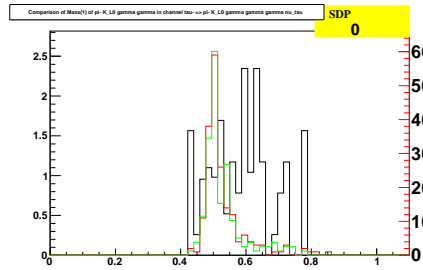
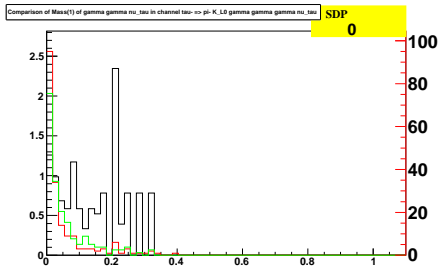
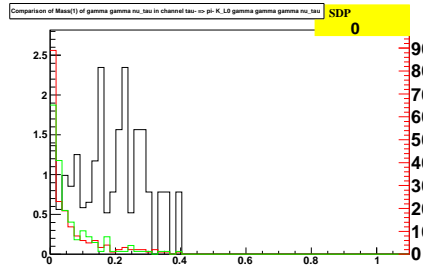
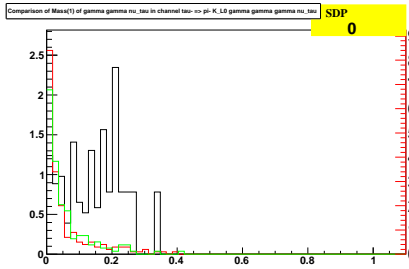
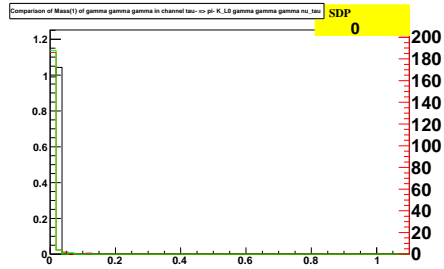
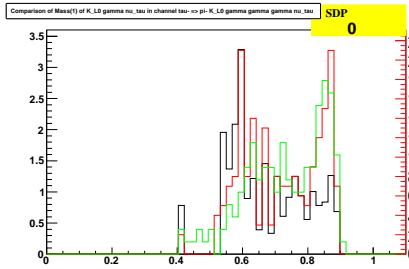
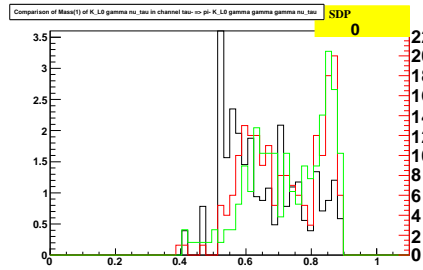
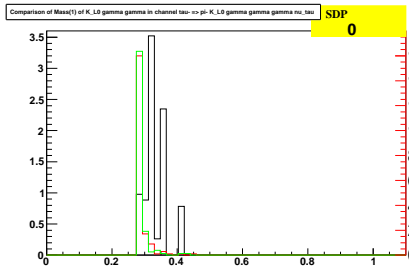
Number of events from generator 1: 193

Number of events from generator 2: 151 (scaled to generator1)

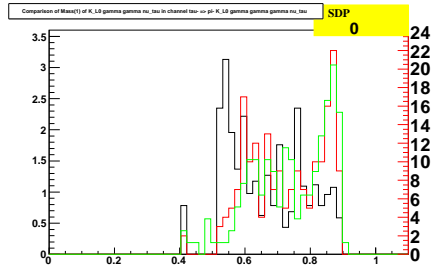
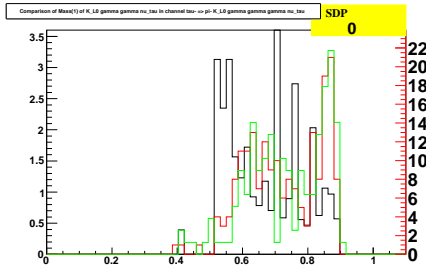
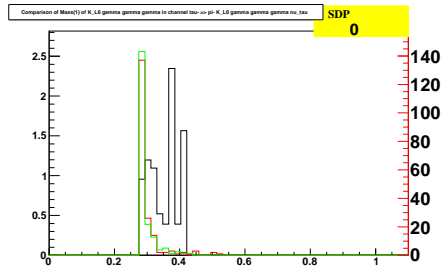
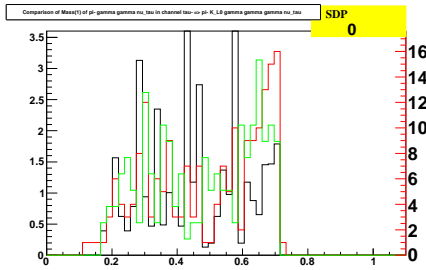
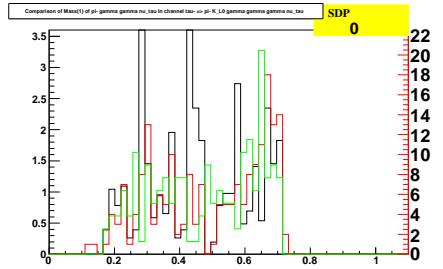
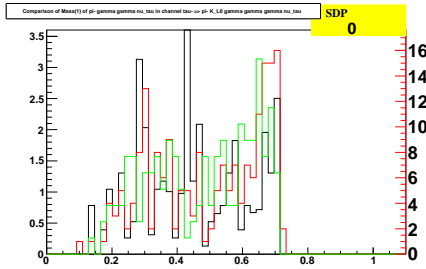
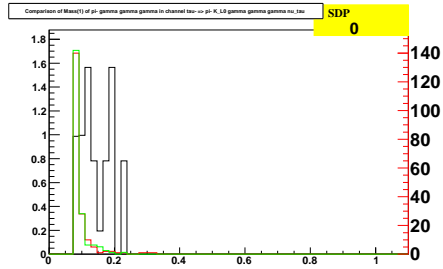
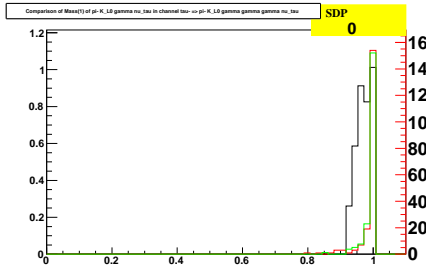
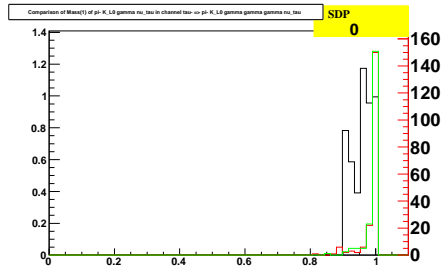
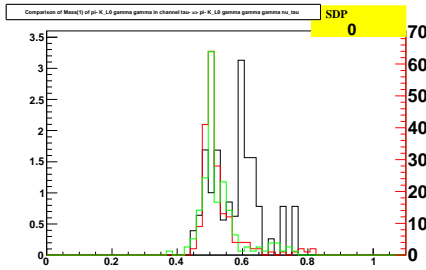


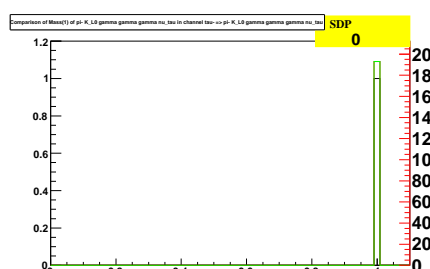
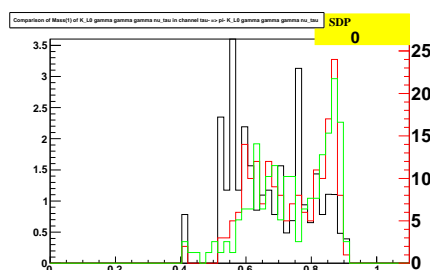
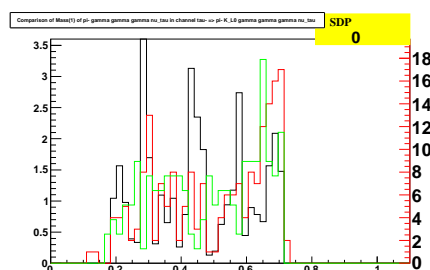
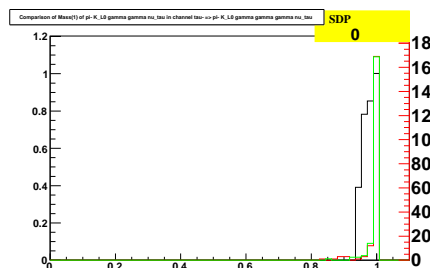
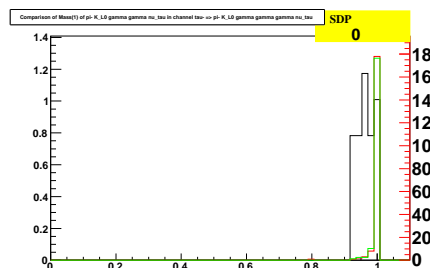
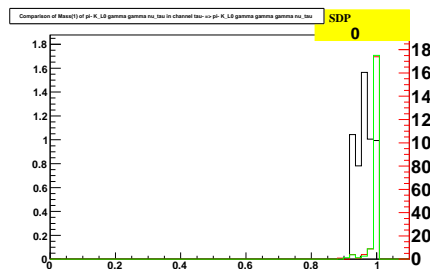
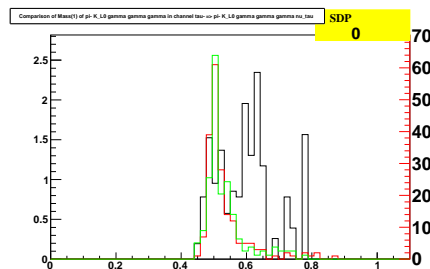
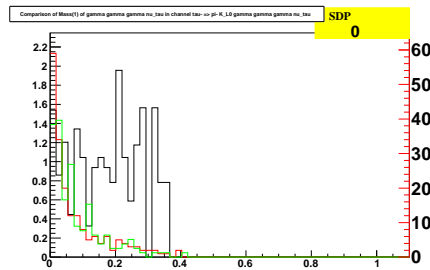
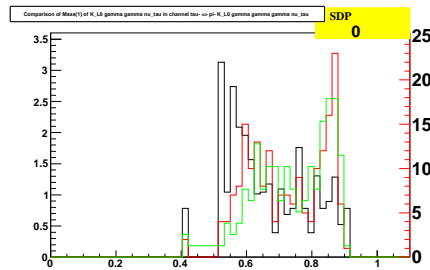








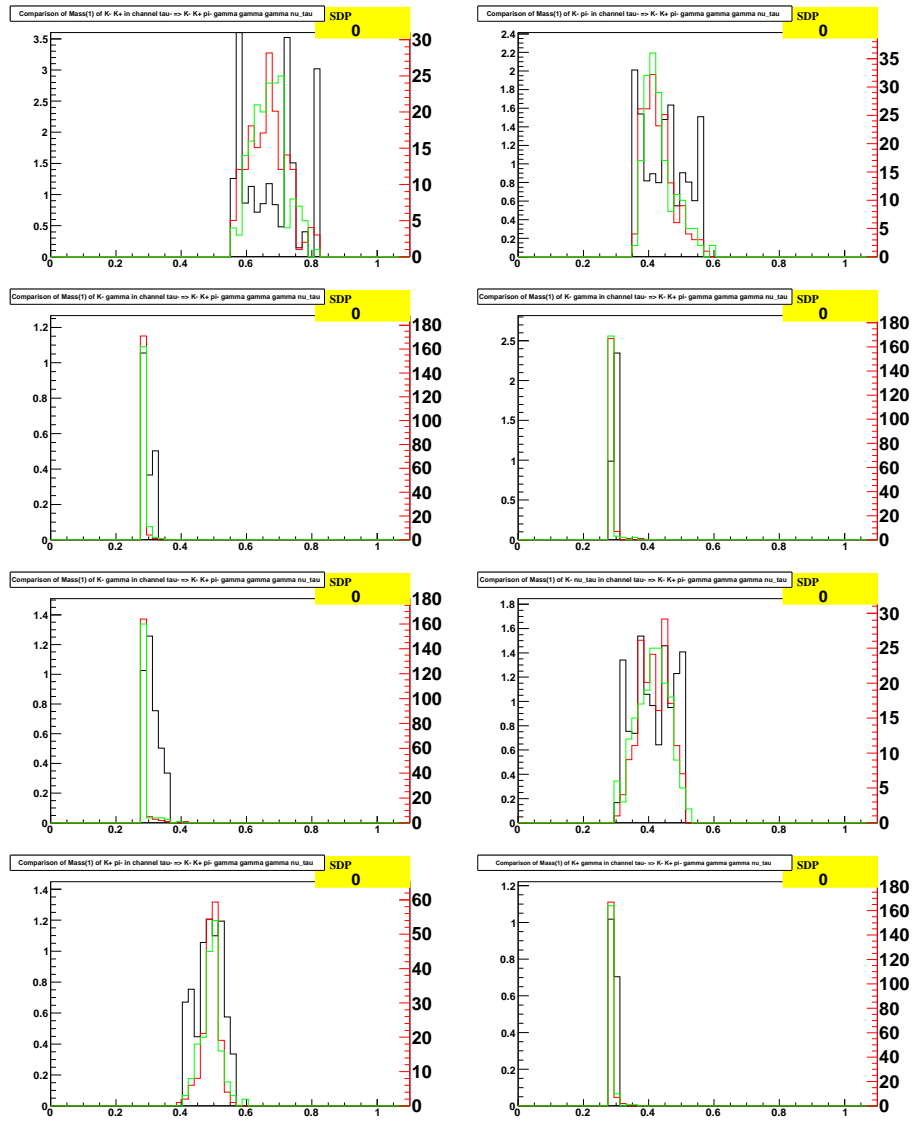


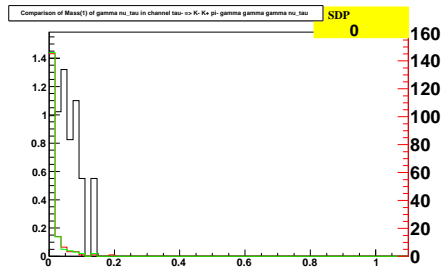
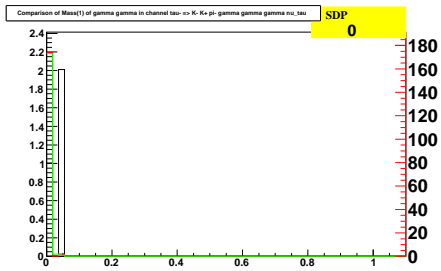
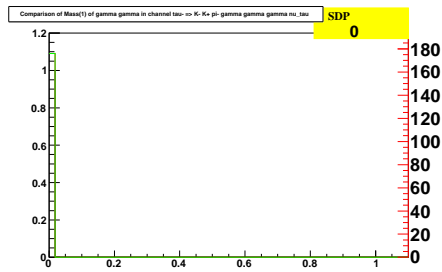
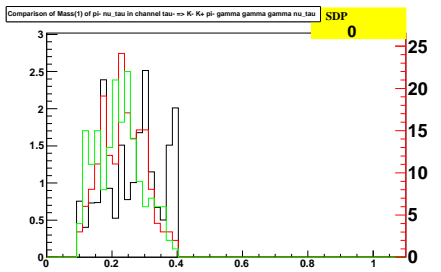
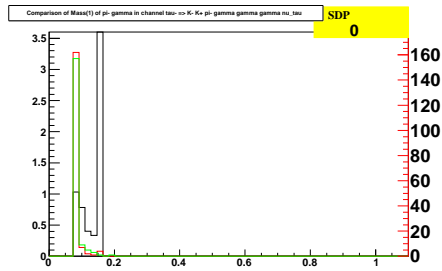
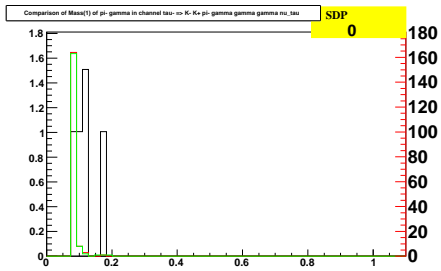
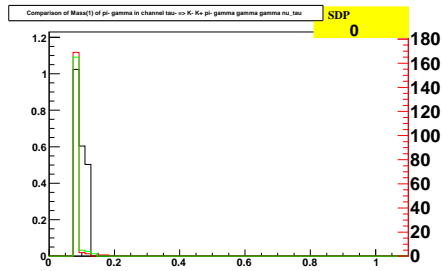
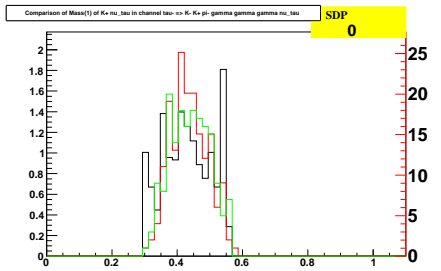
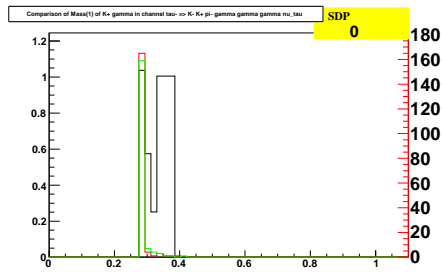
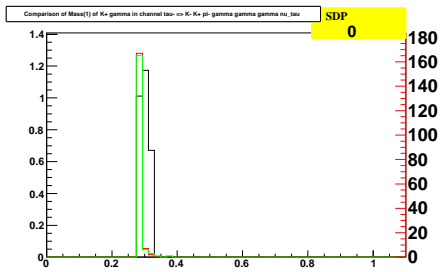


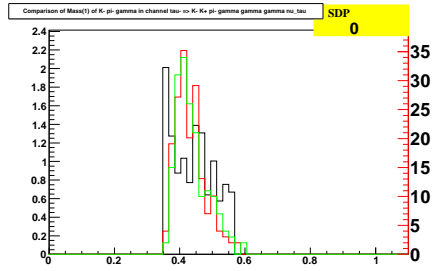
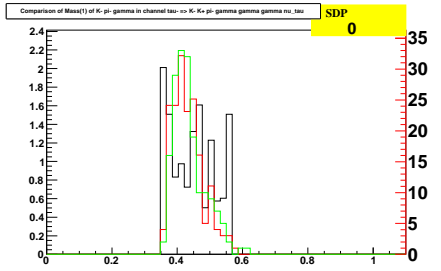
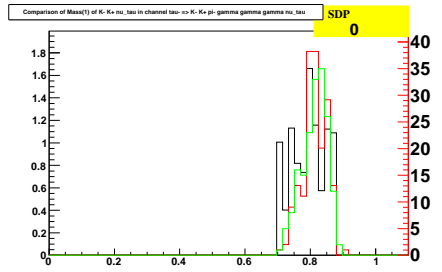
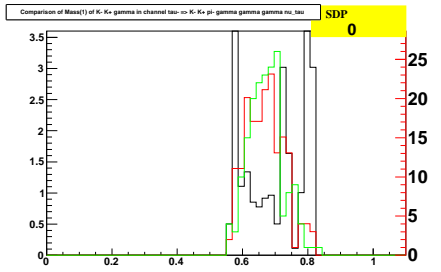
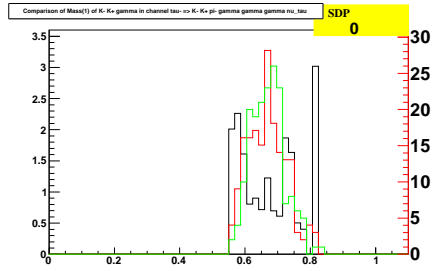
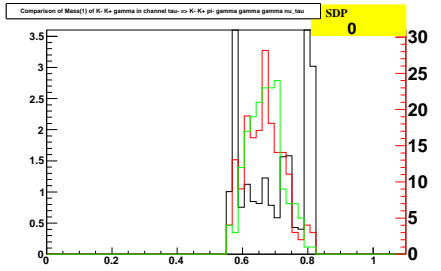
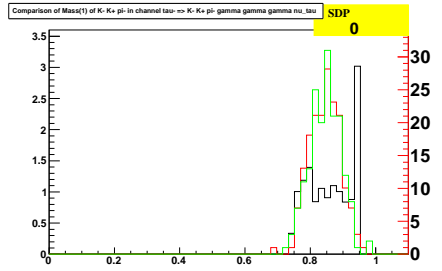
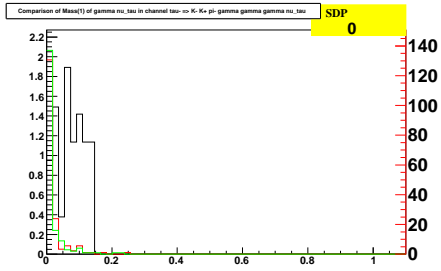
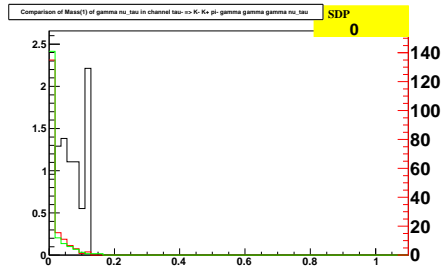
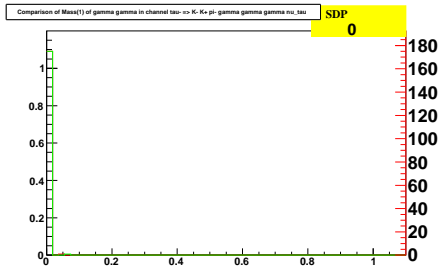
### 83 Decay Channel: $\tau^- \rightarrow K^- K^+ \pi^- \gamma \gamma \nu_\tau$

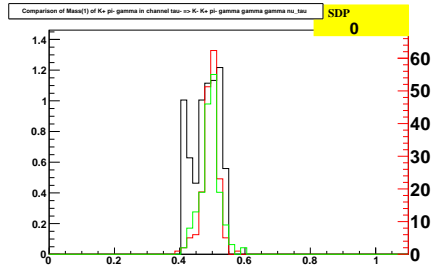
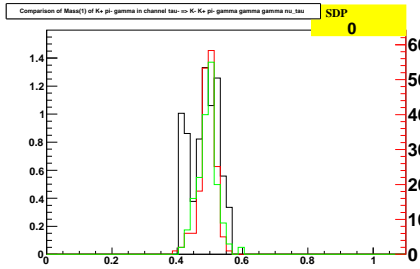
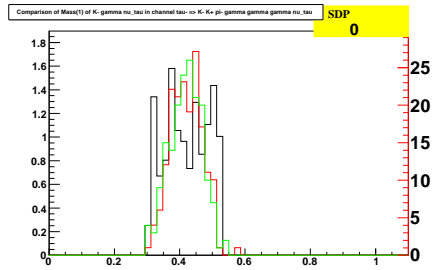
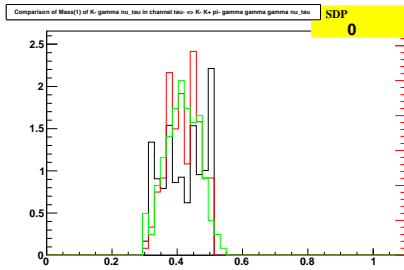
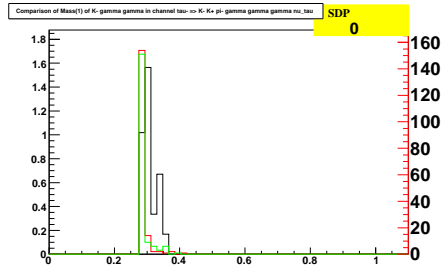
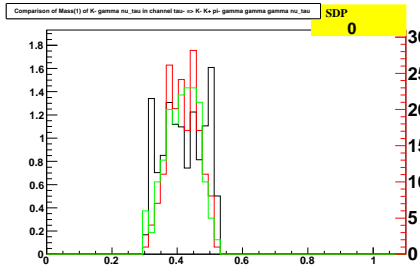
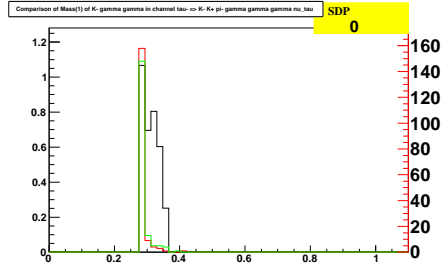
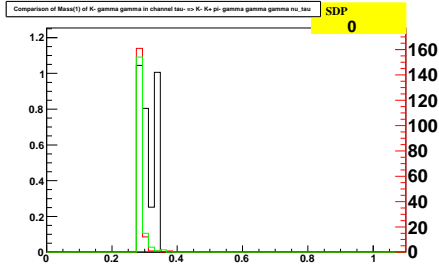
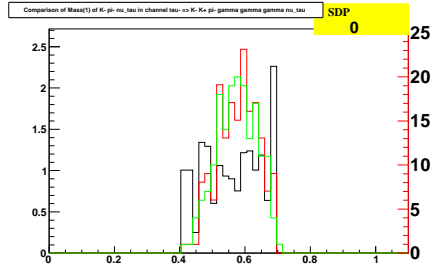
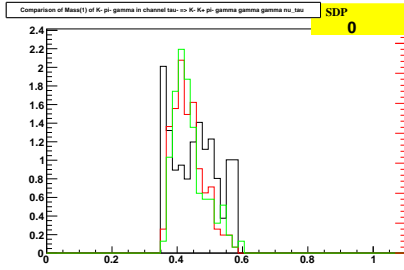
Number of events from generator 1: 175 (scaled to generator2)

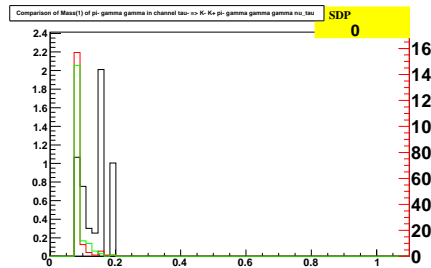
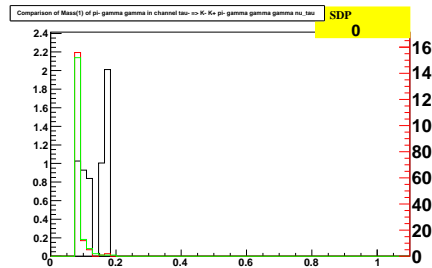
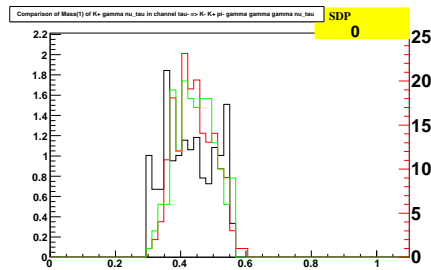
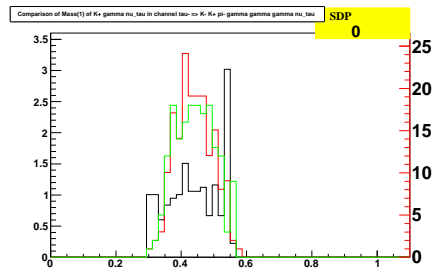
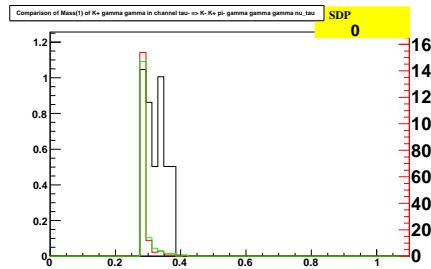
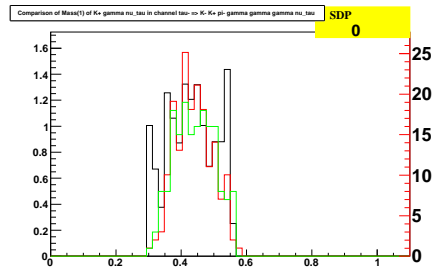
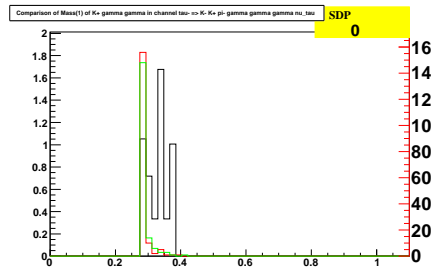
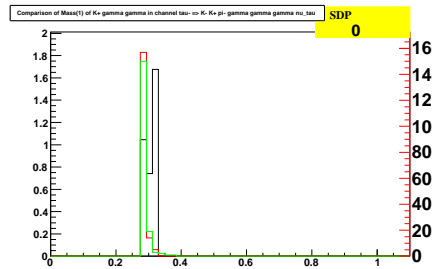
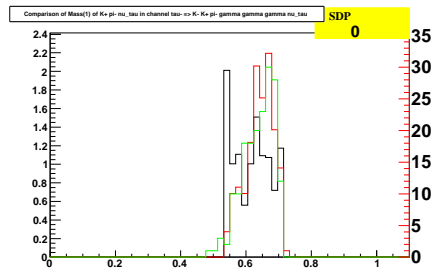
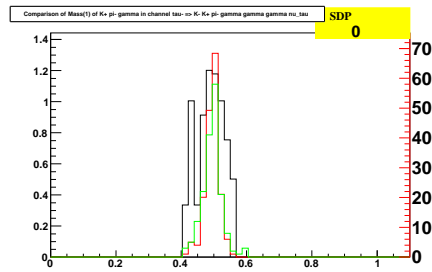
Number of events from generator 2: 176

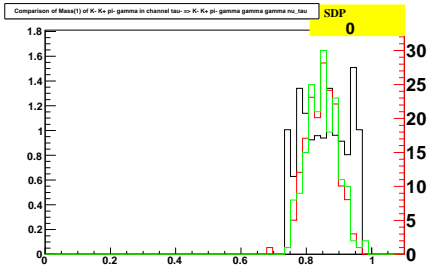
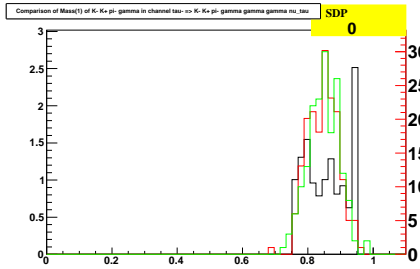
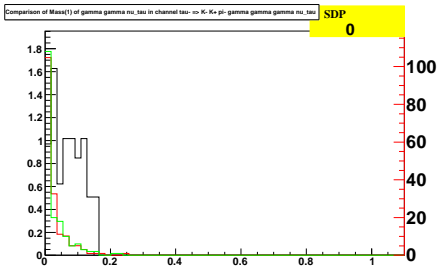
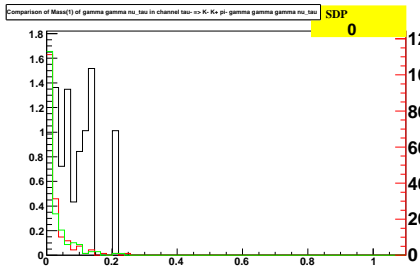
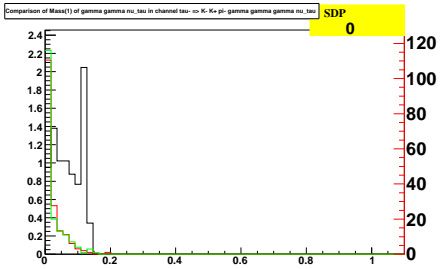
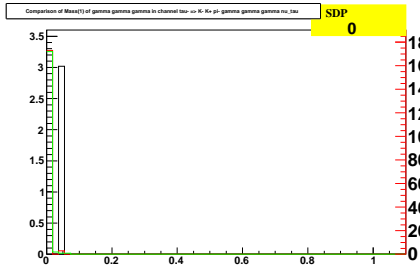
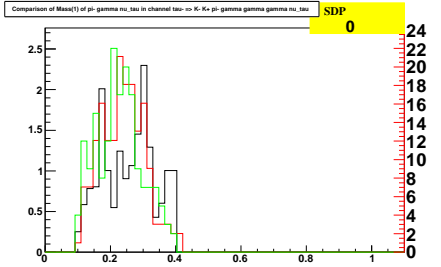
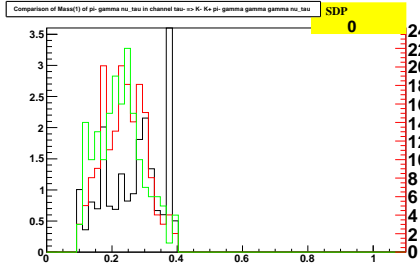
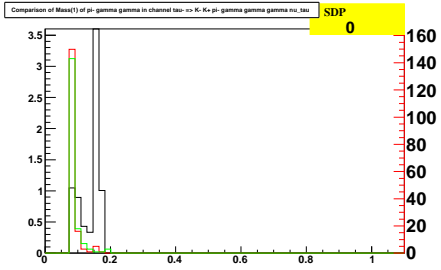
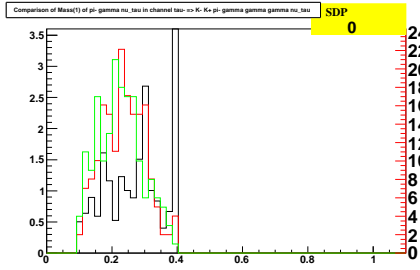




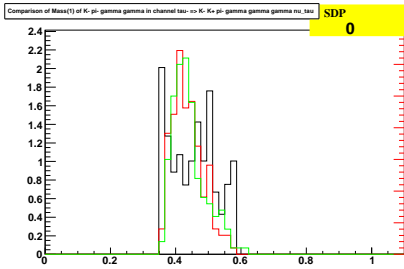
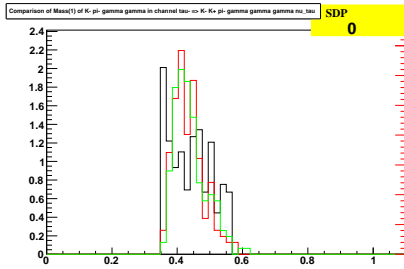
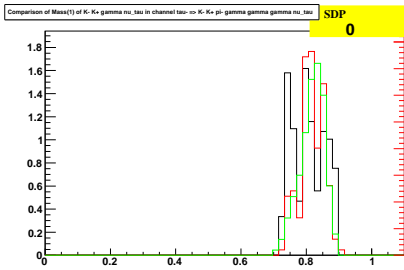
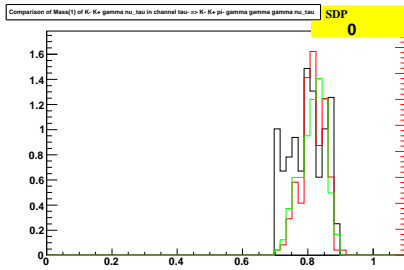
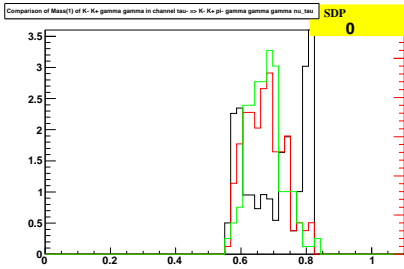
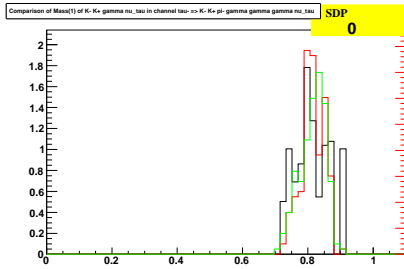
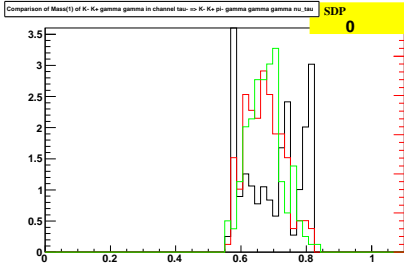
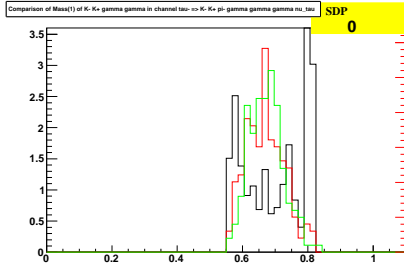
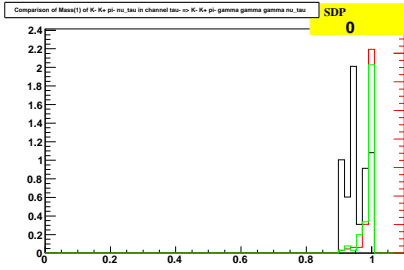
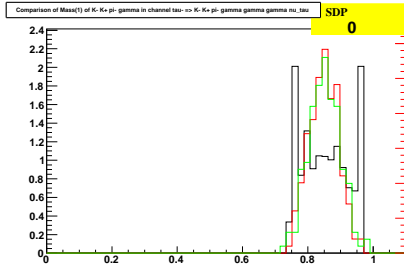




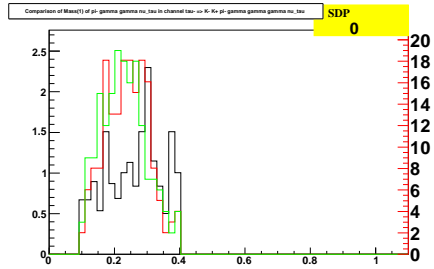
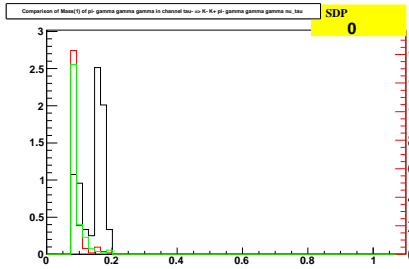
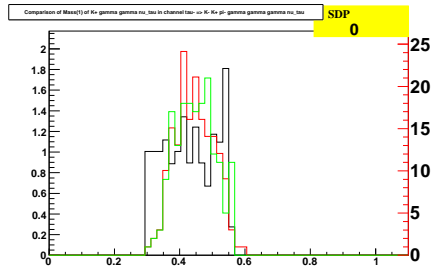
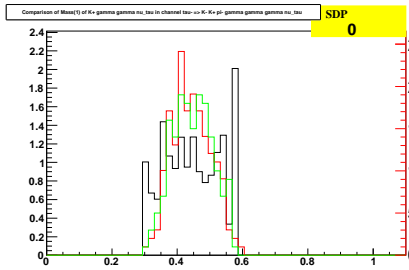
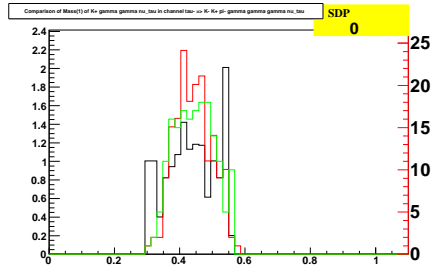
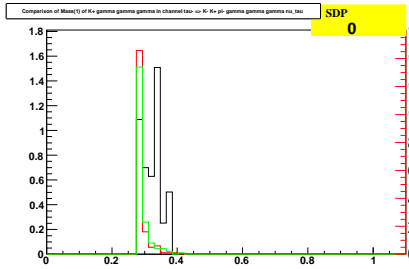
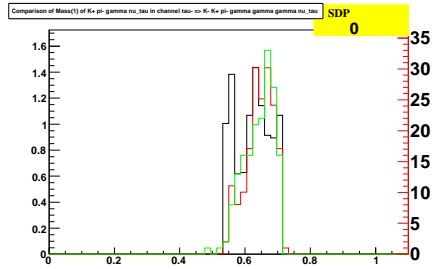
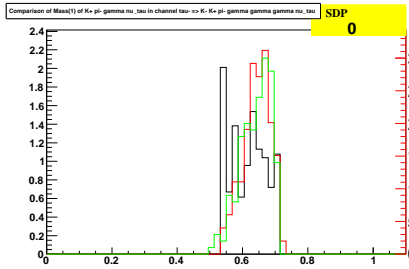
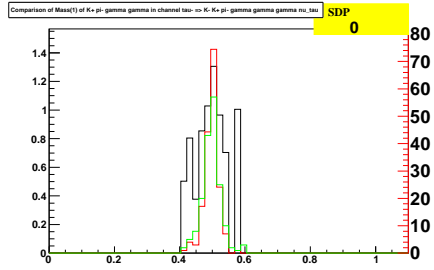
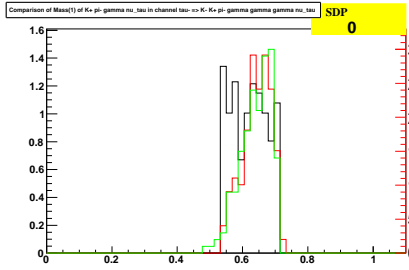


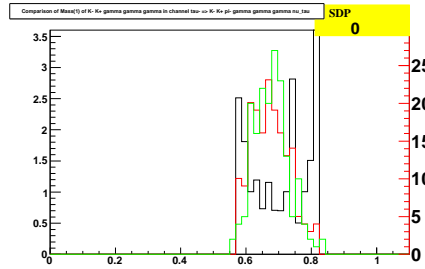
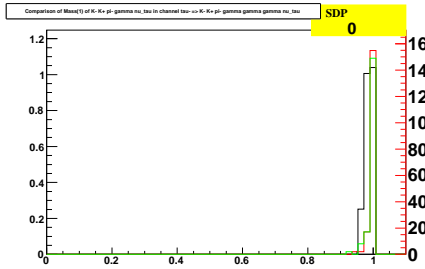
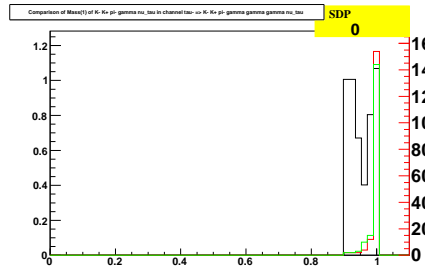
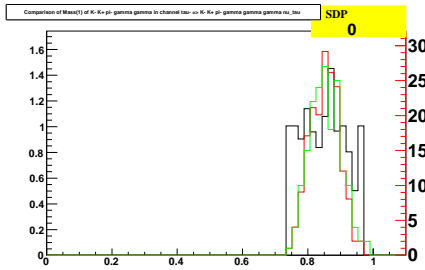
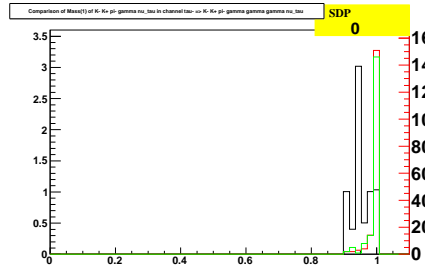
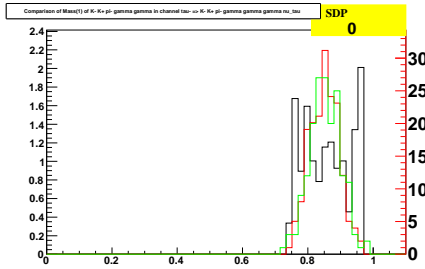
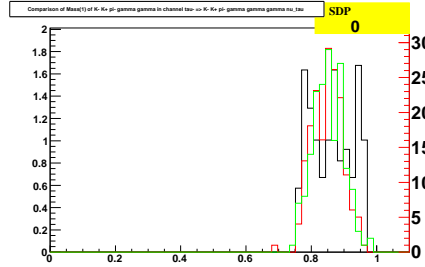
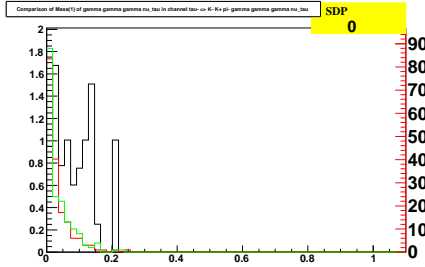
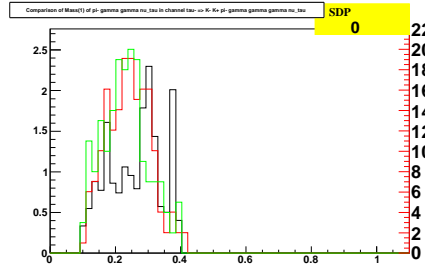
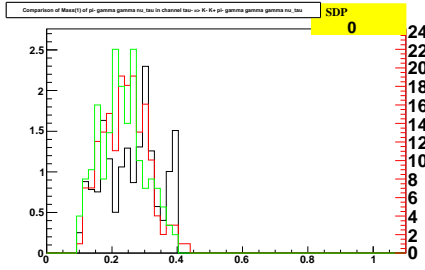


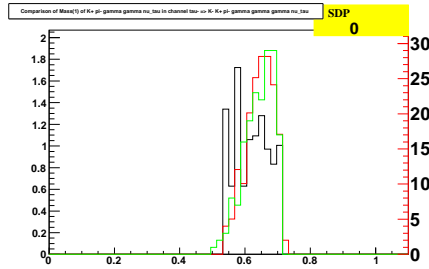
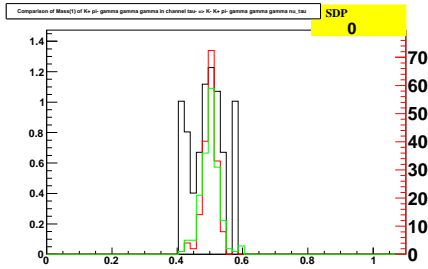
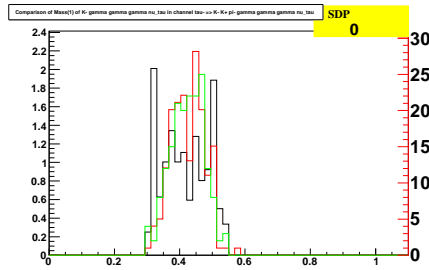
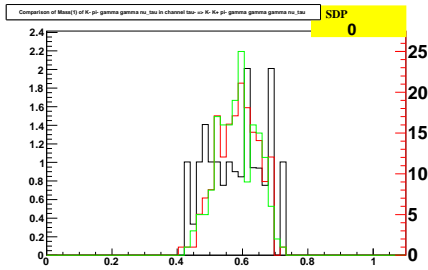
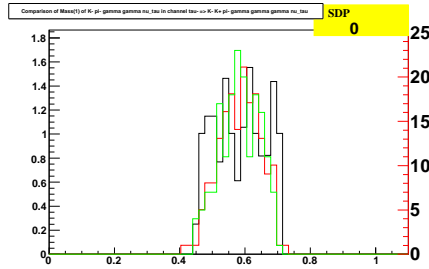
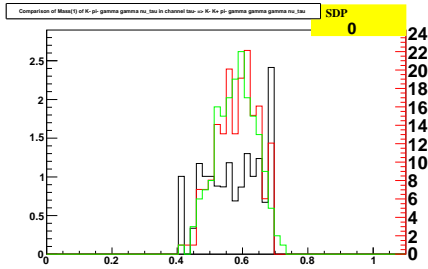
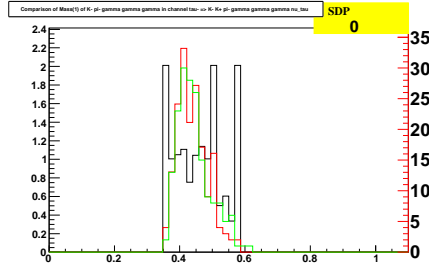
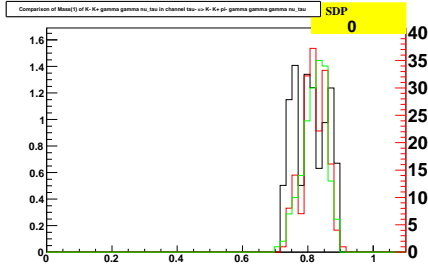
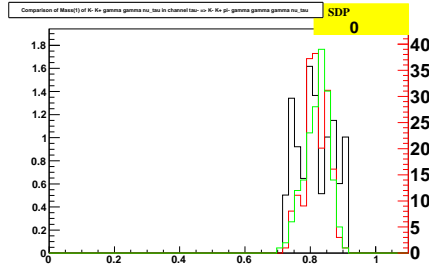
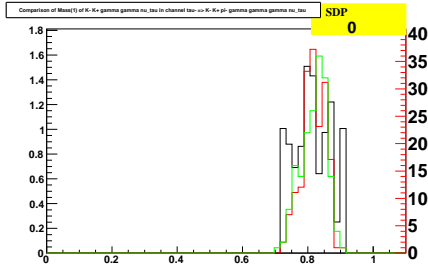


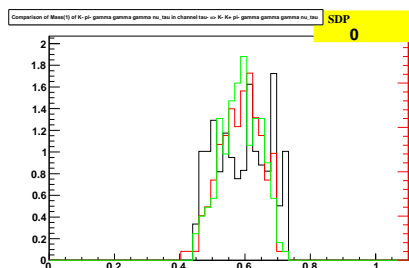
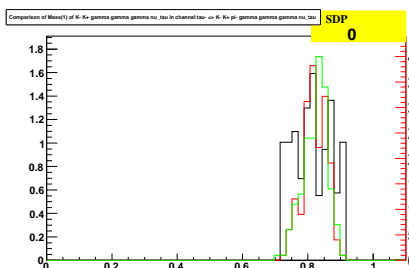
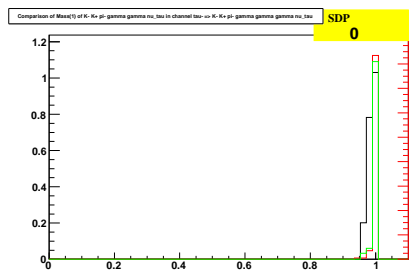
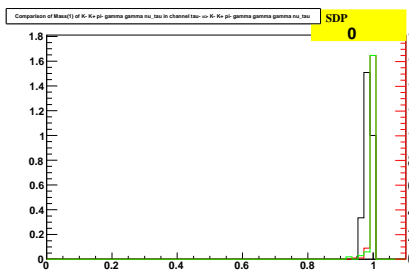
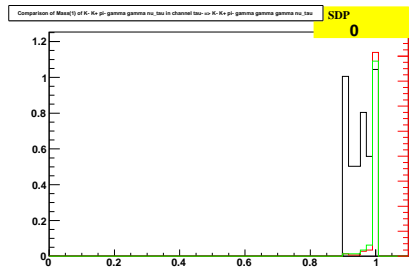
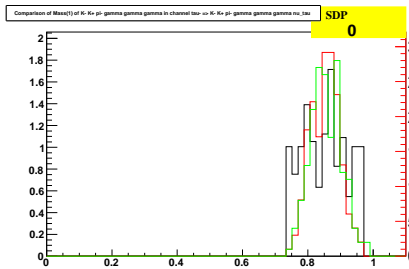
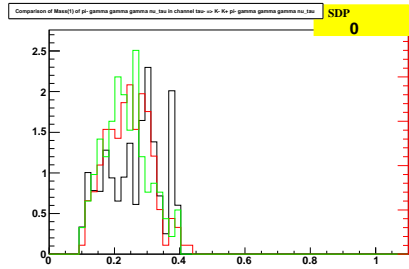
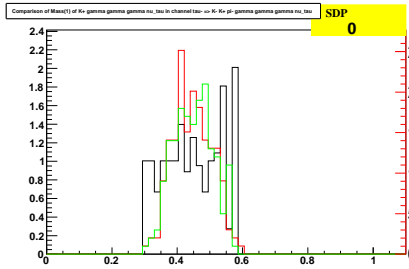
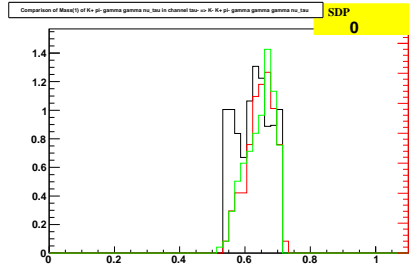
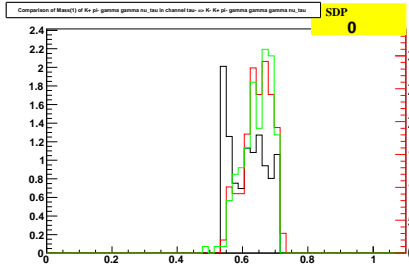


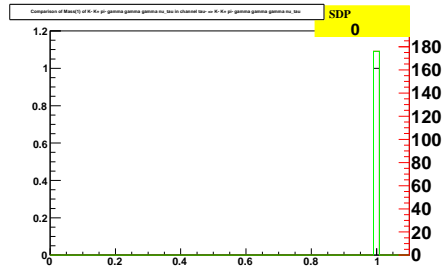
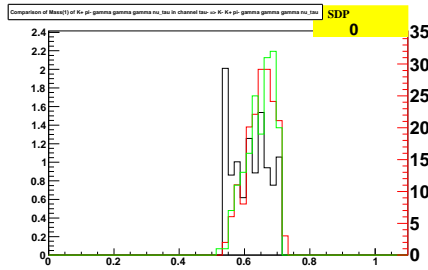








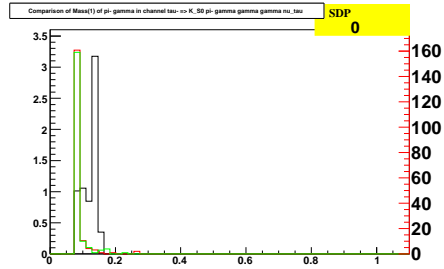
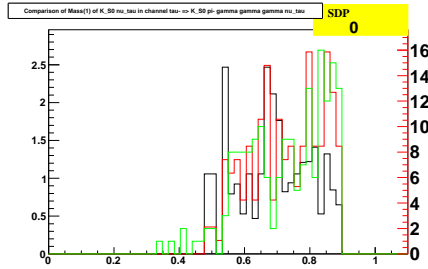
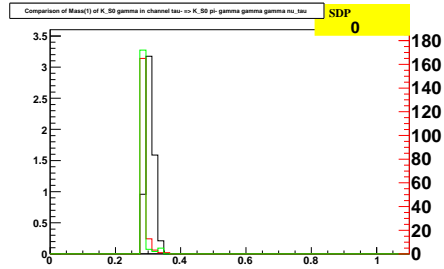
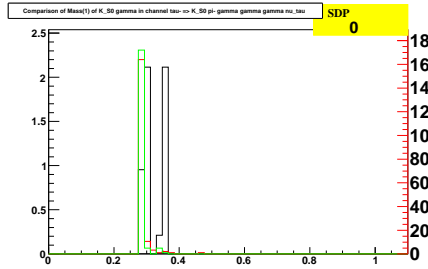
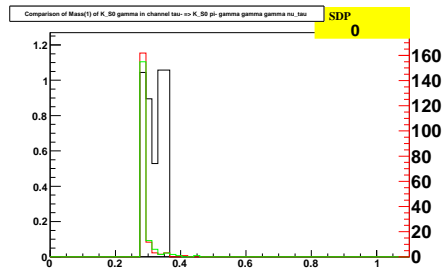
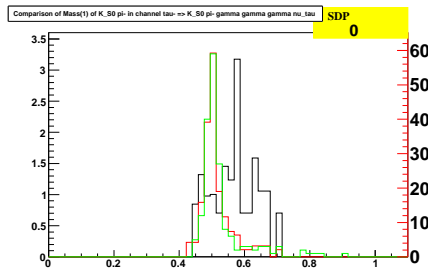


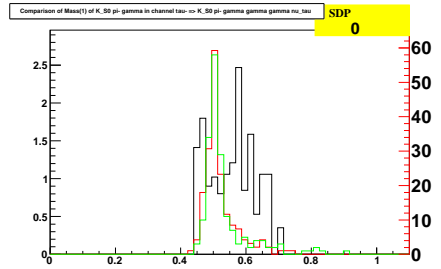
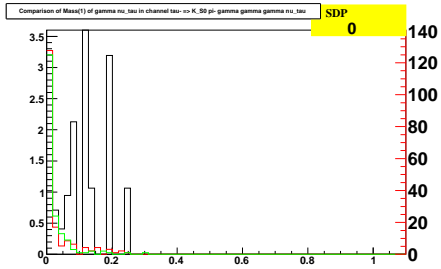
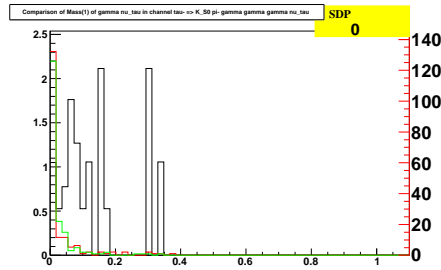
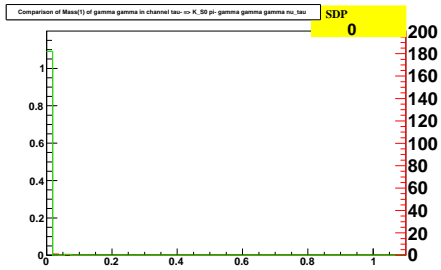
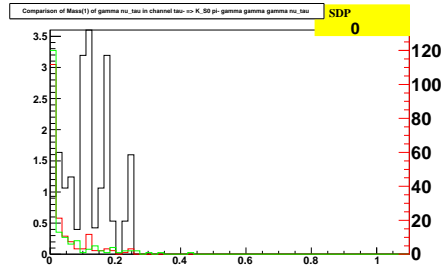
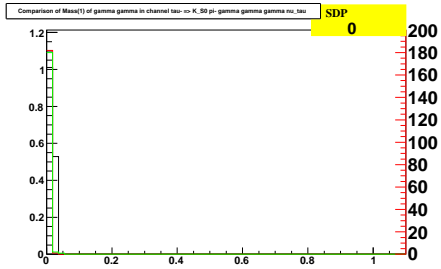
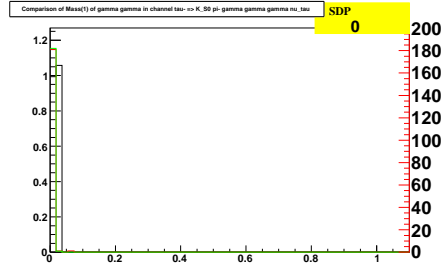
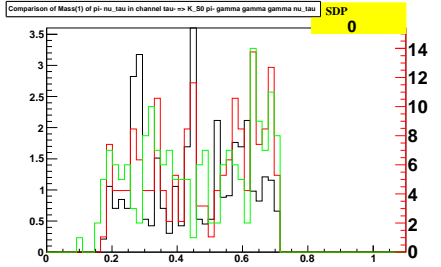
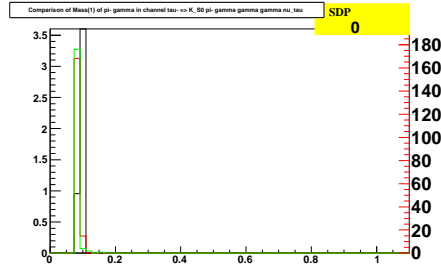
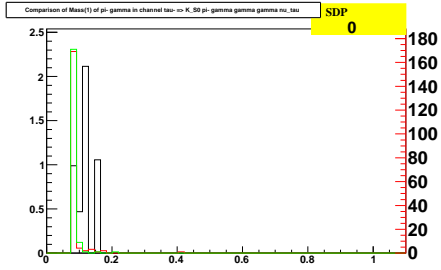


### 84 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \gamma \gamma \nu_\tau$

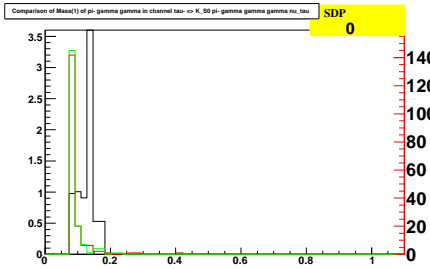
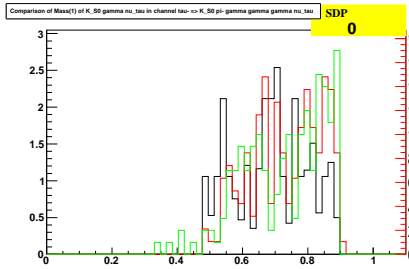
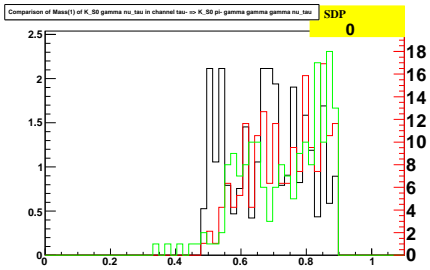
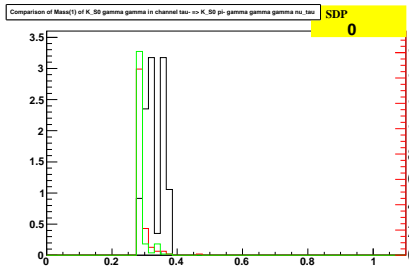
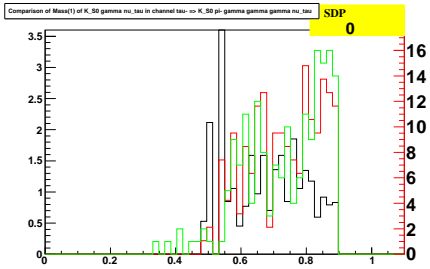
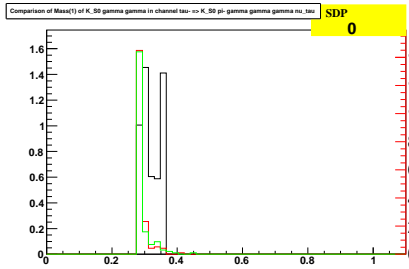
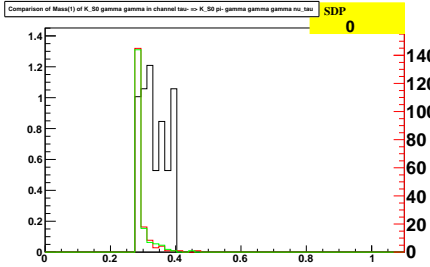
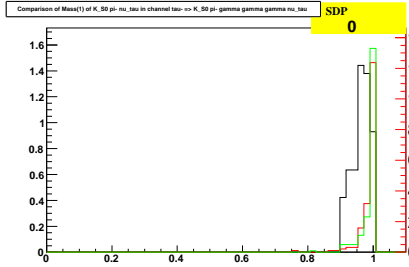
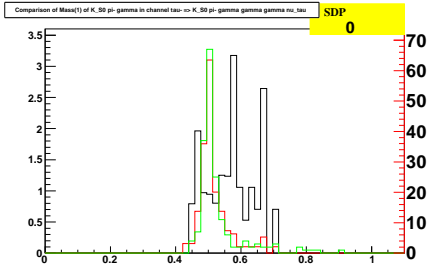
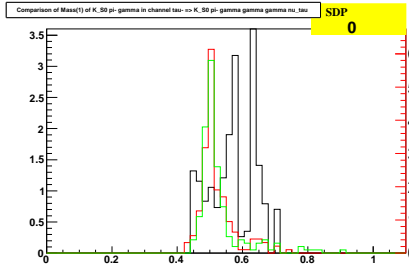
Number of events from generator 1: 173 (scaled to generator2)

Number of events from generator 2: 183

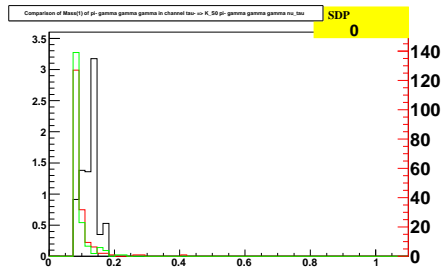
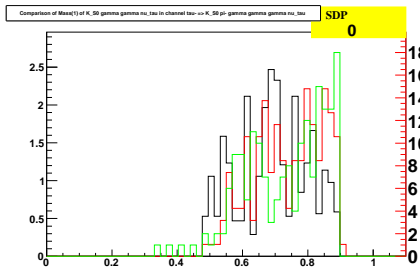
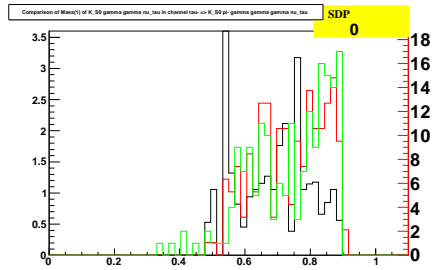
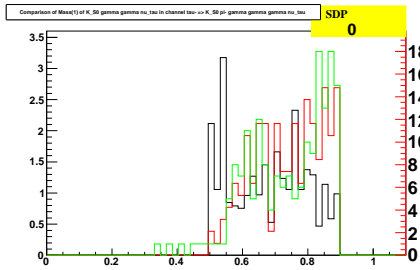
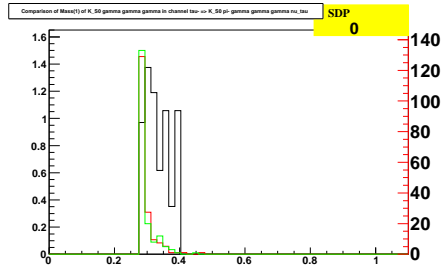
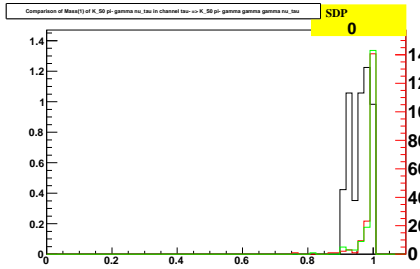
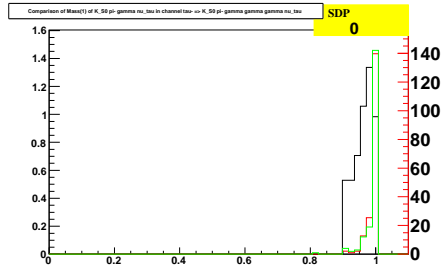
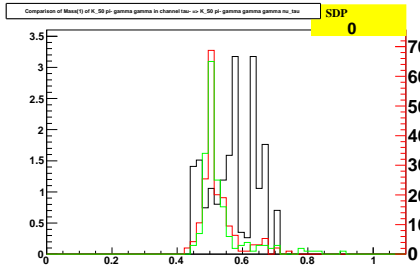
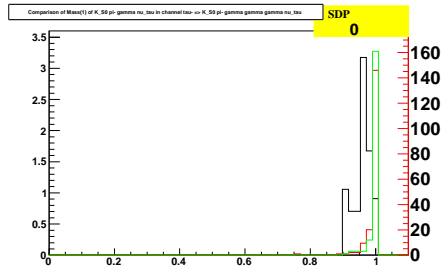
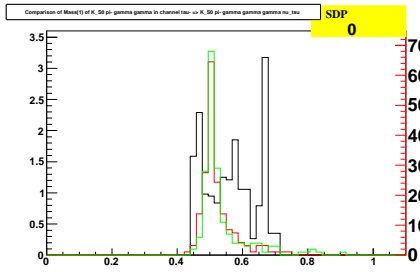


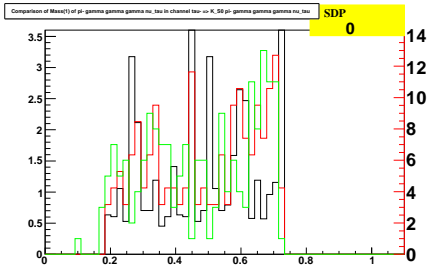
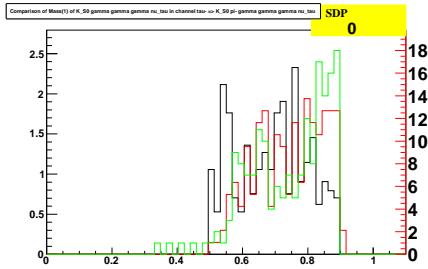
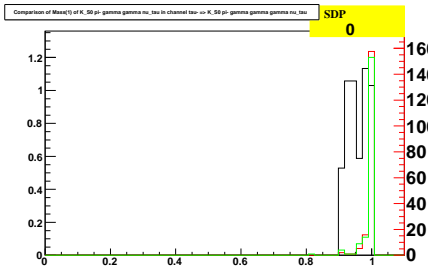
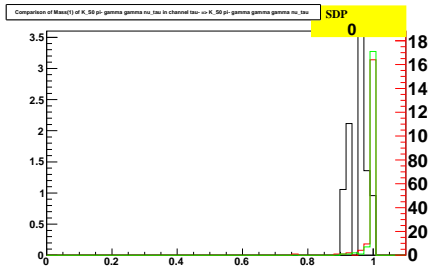
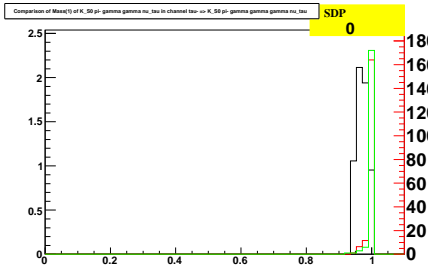
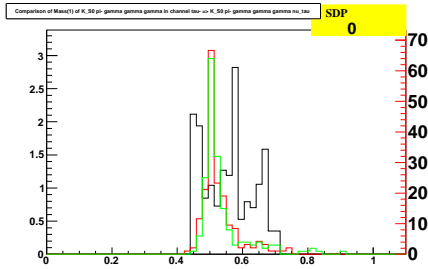
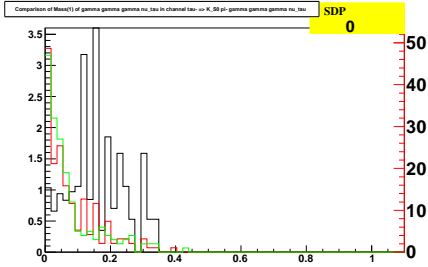
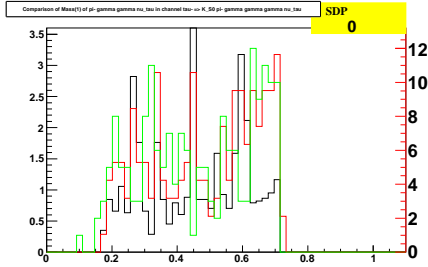
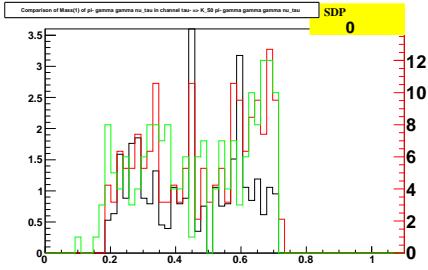
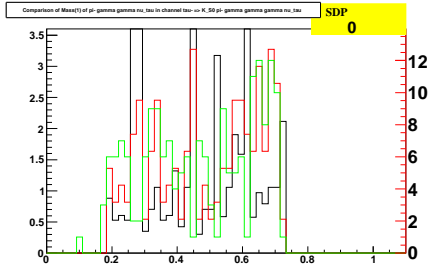


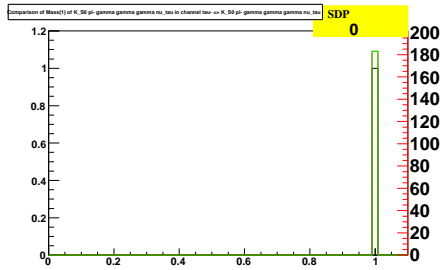








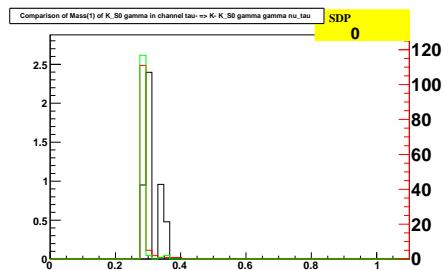
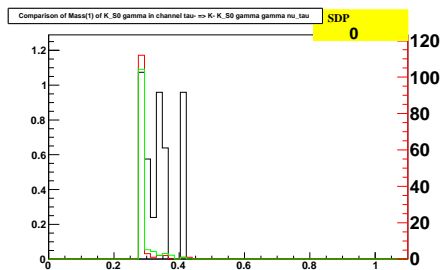
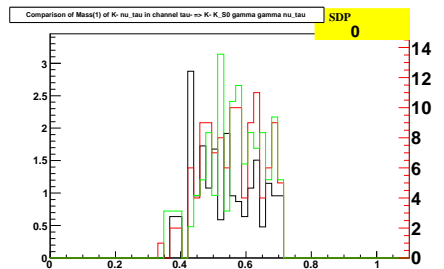
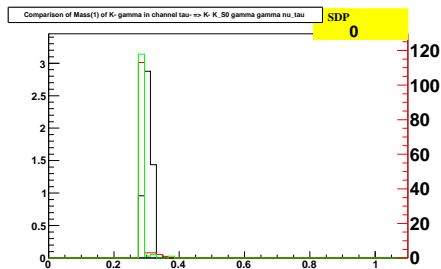
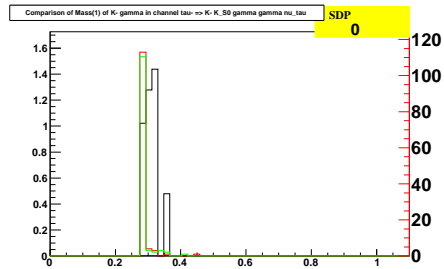
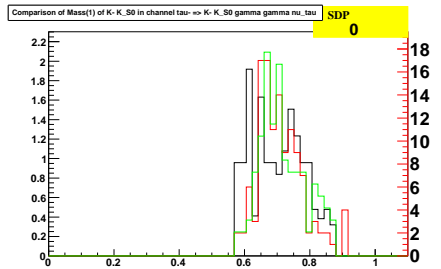


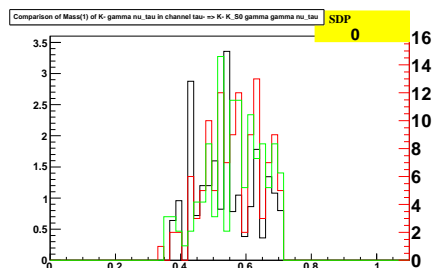
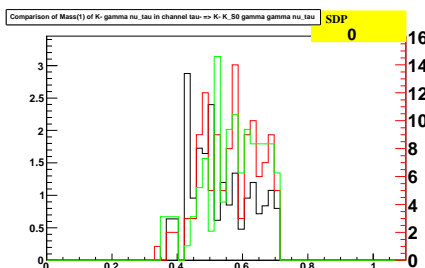
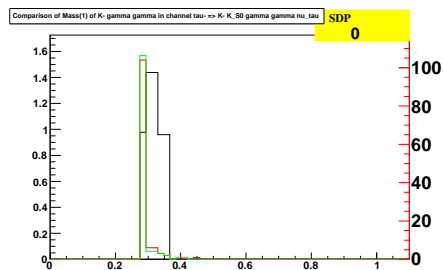
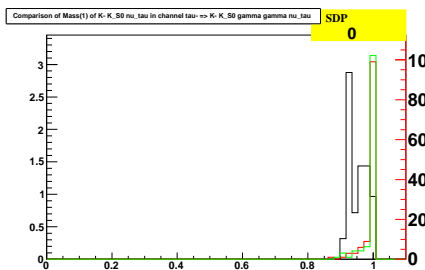
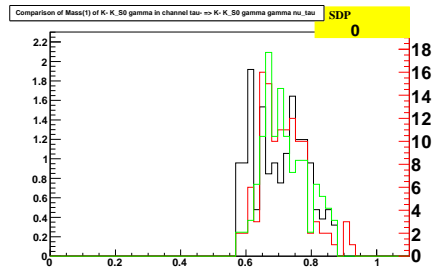
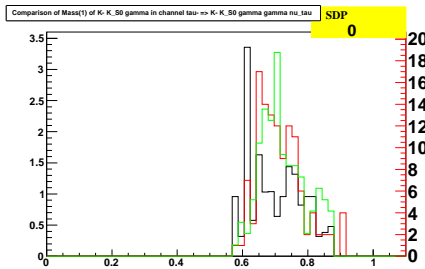
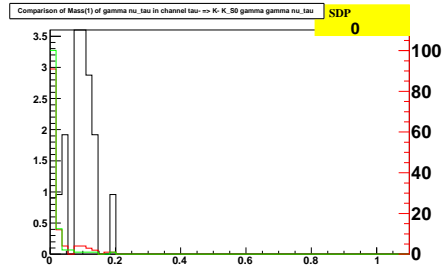
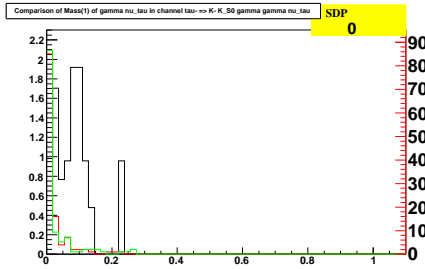
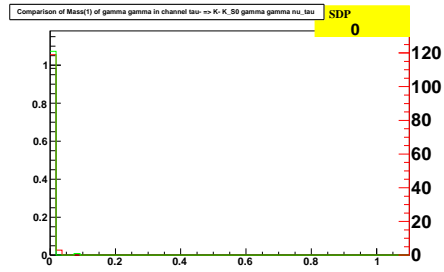
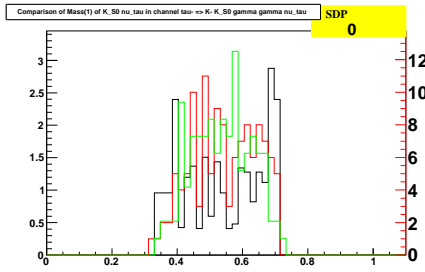


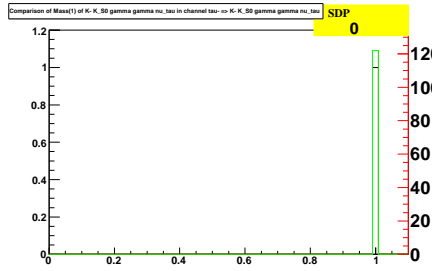
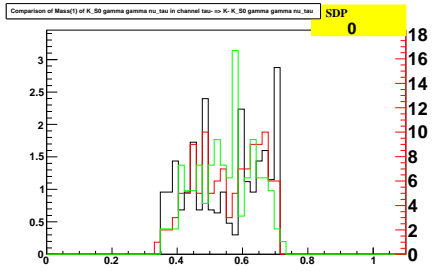
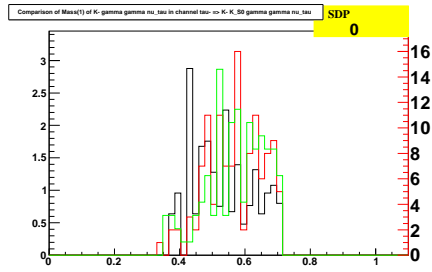
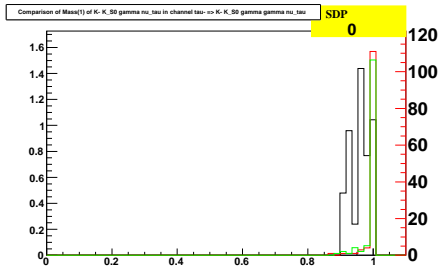
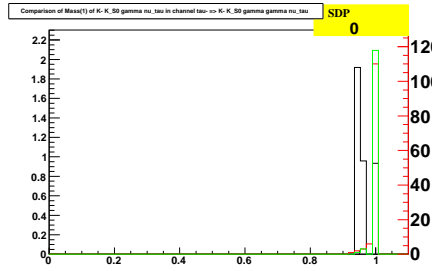
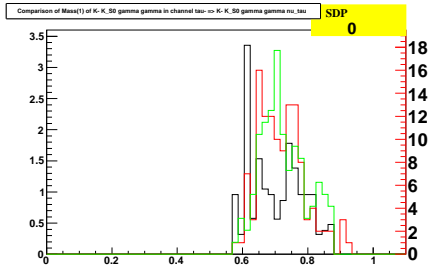
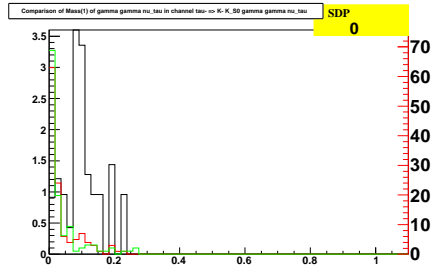
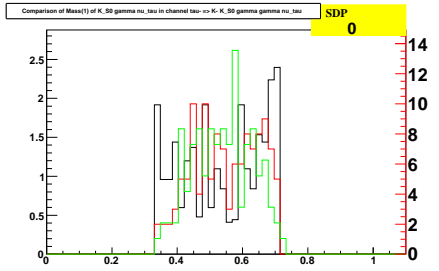
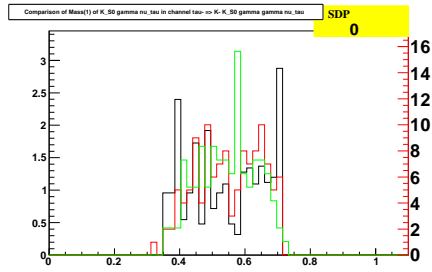
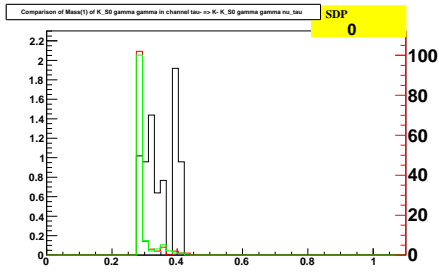
## 85 Decay Channel: $\tau^- \rightarrow K^- K_S^0 \gamma \gamma \nu_\tau$

Number of events from generator 1: 122

Number of events from generator 2: 117 (scaled to generator1)



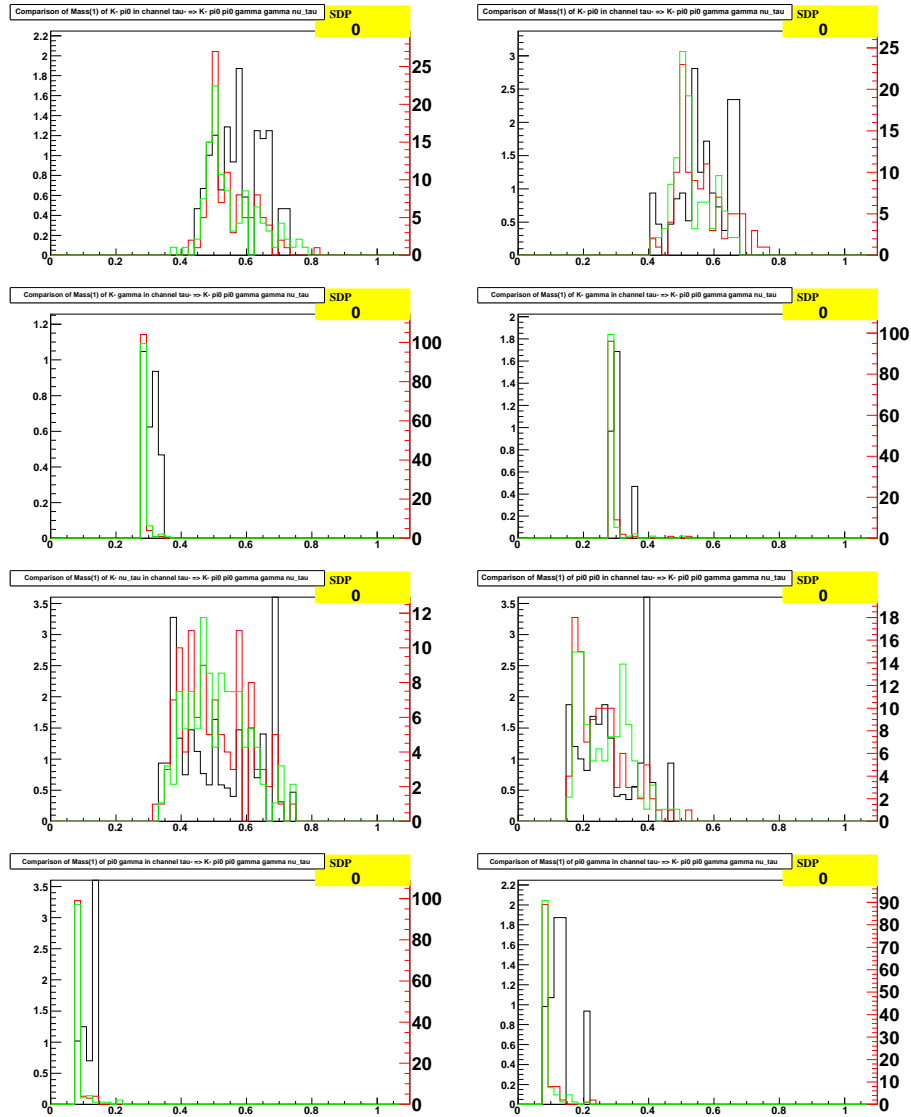




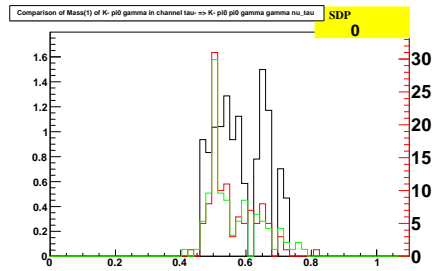
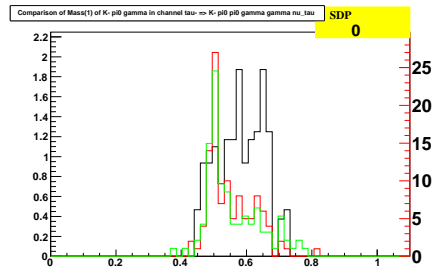
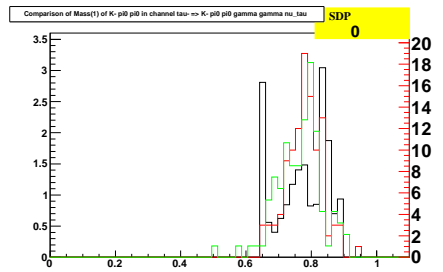
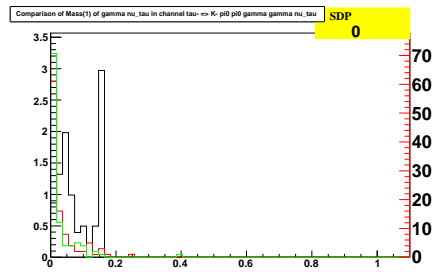
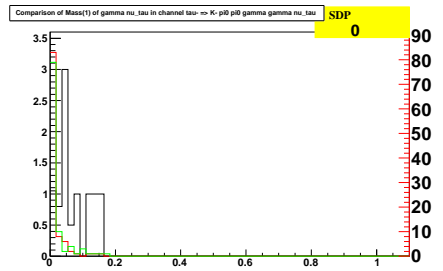
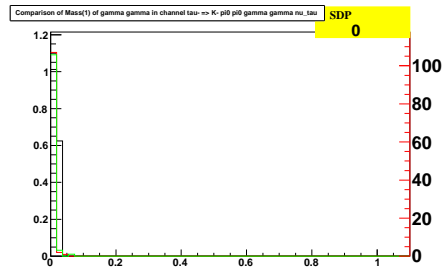
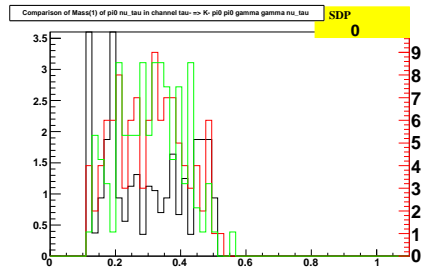
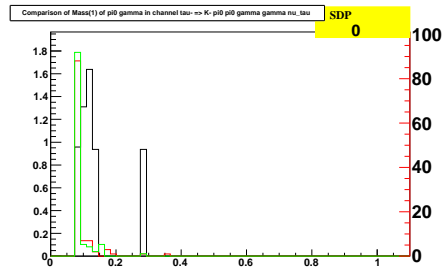
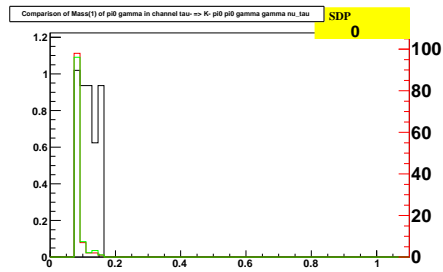
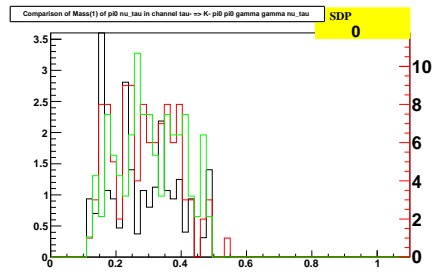
## 86 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \pi^0 \gamma \nu_\tau$

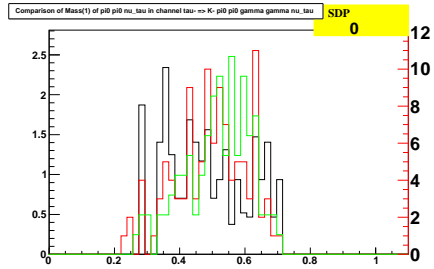
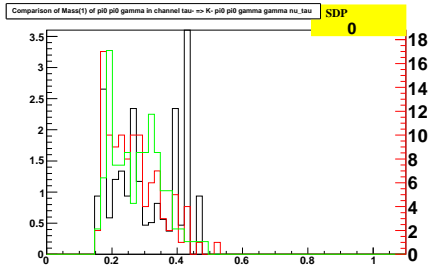
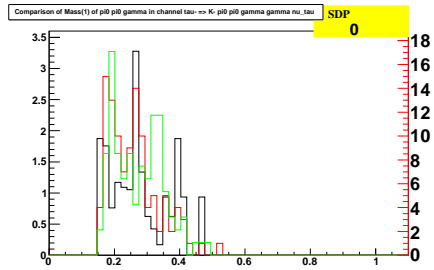
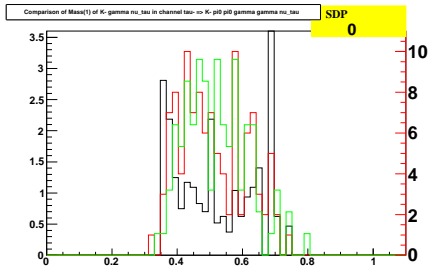
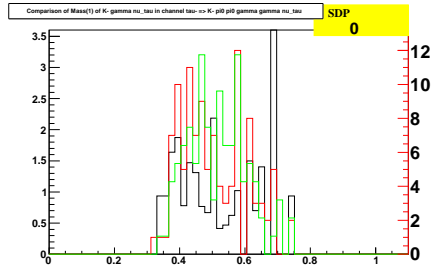
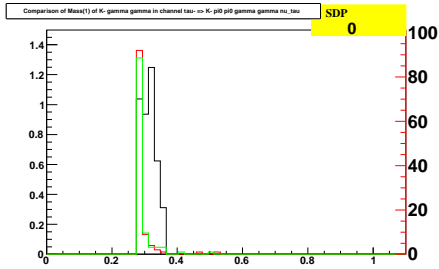
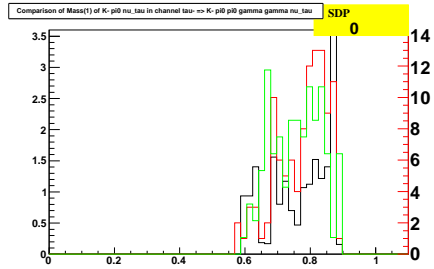
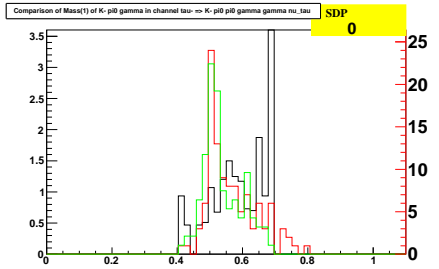
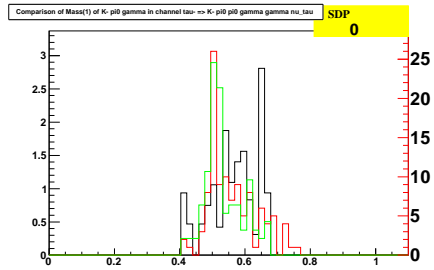
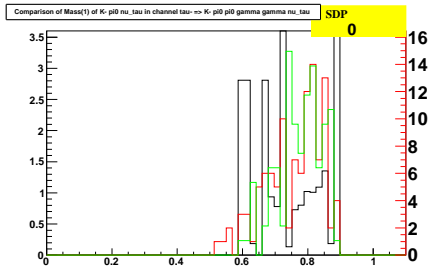
Number of events from generator 1: 110

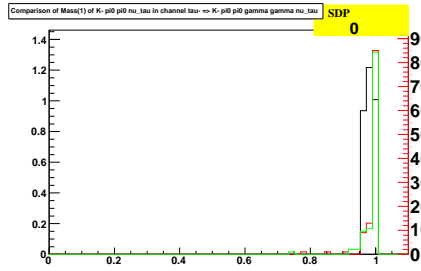
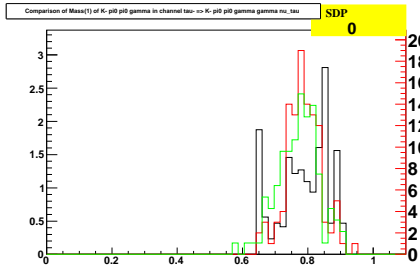
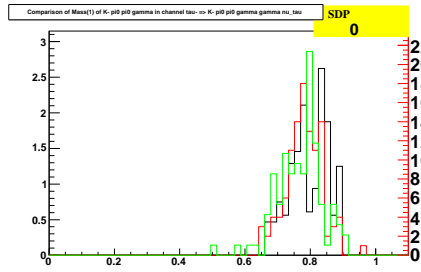
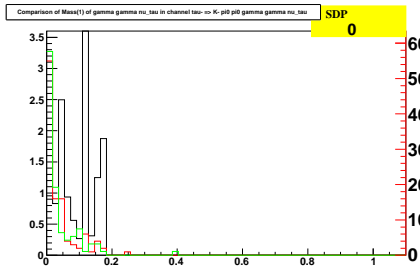
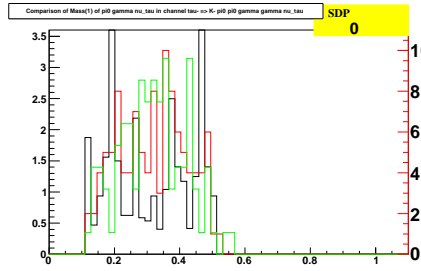
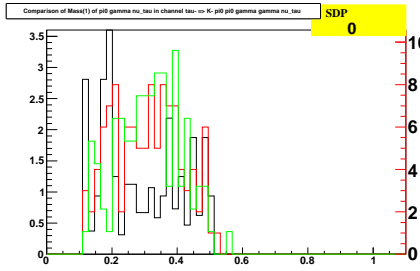
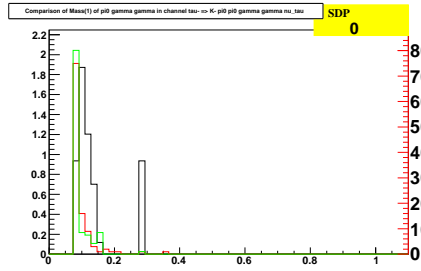
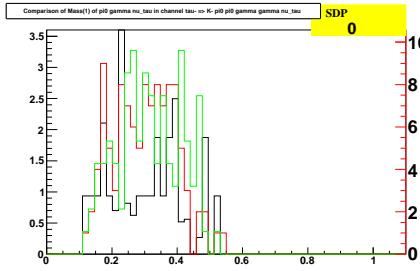
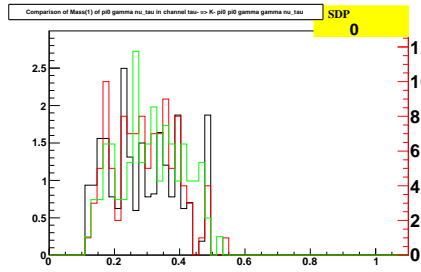
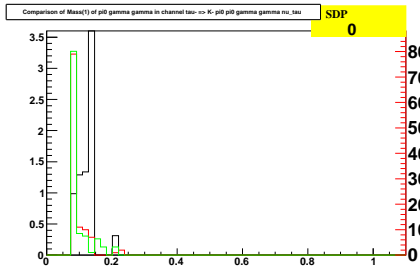
Number of events from generator 2: 103 (scaled to generator1)

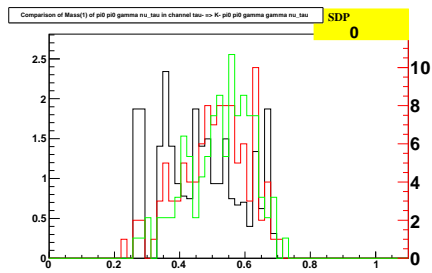
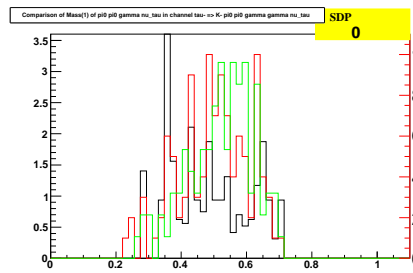
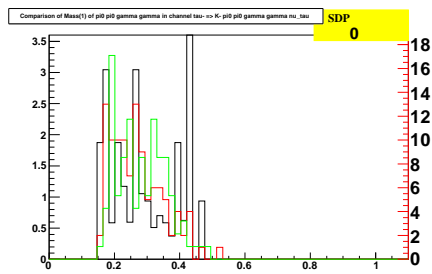
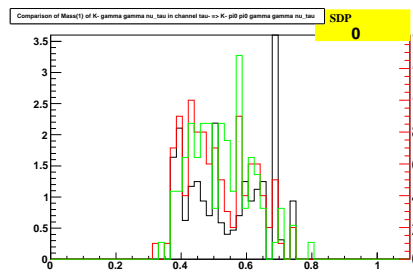
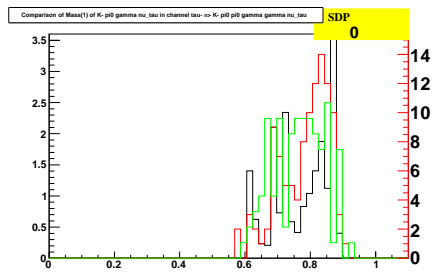
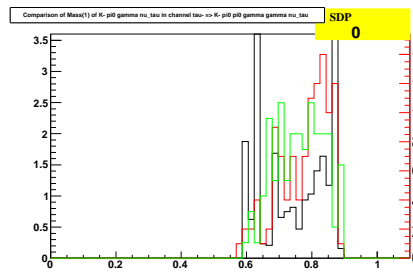
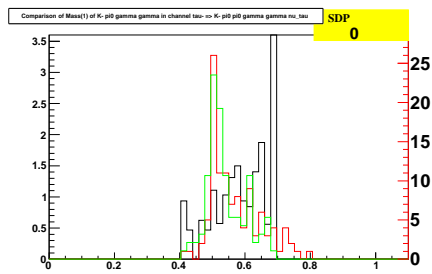
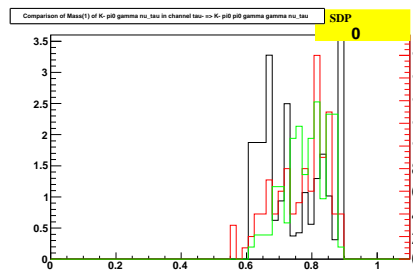
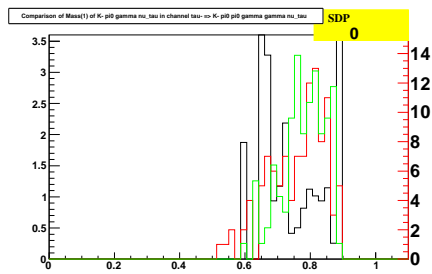
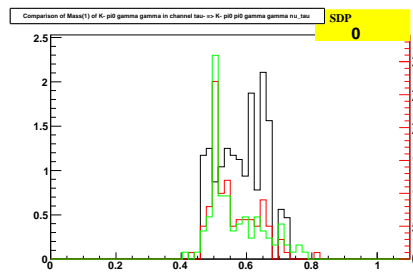


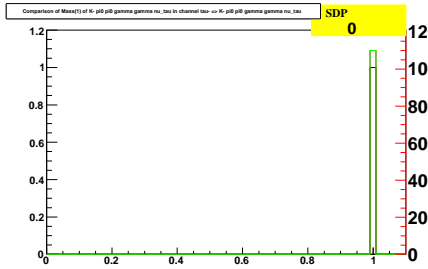
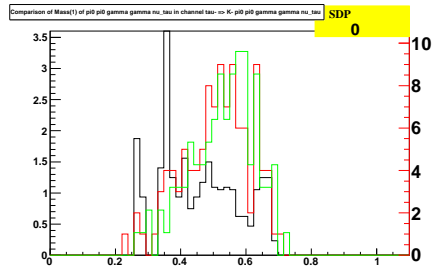
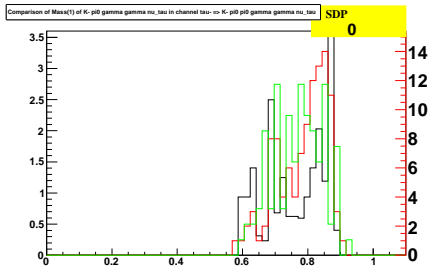
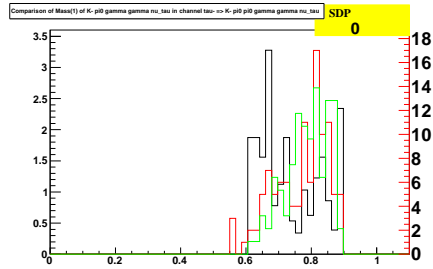
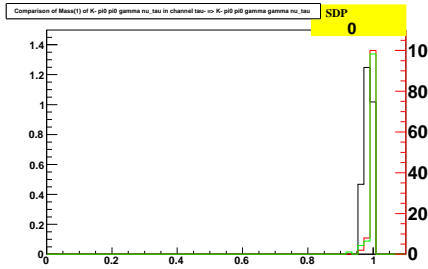
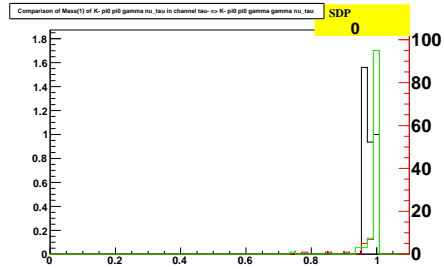
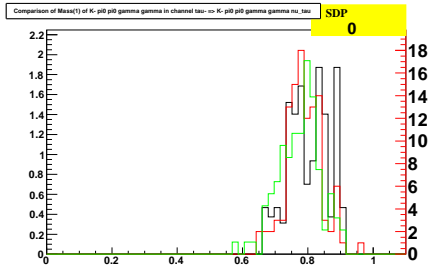
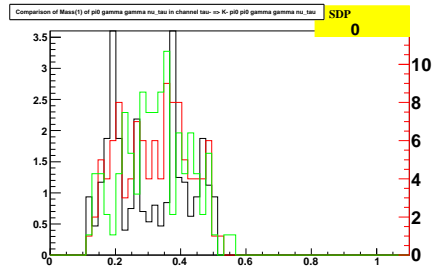
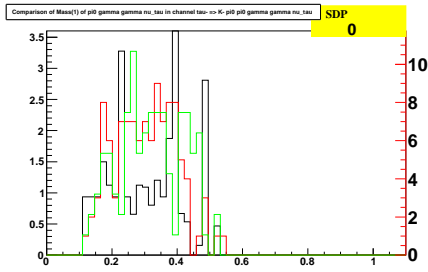








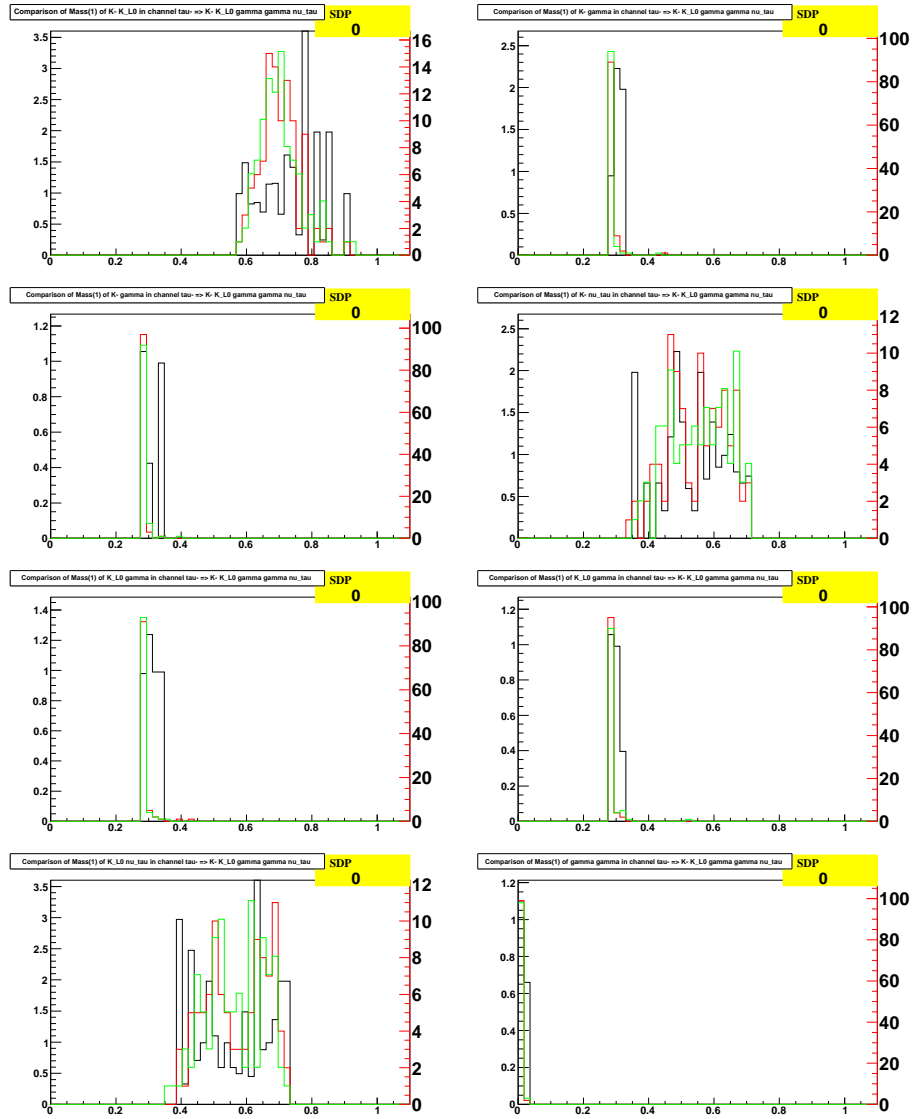


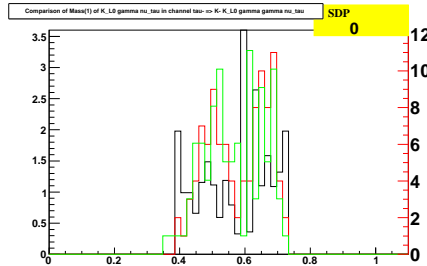
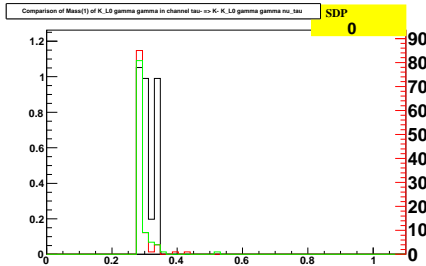
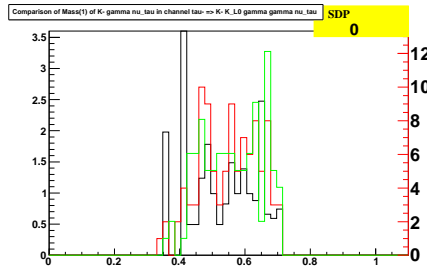
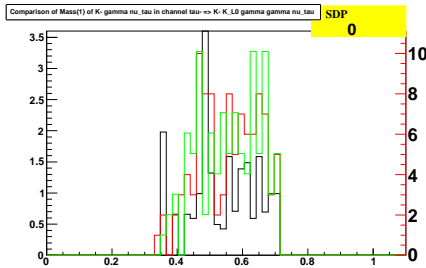
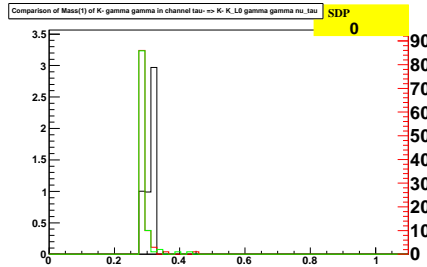
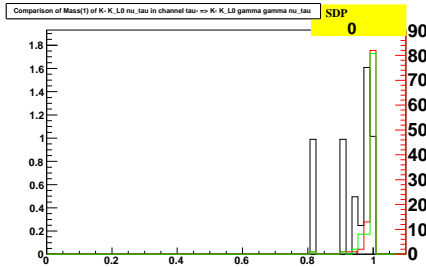
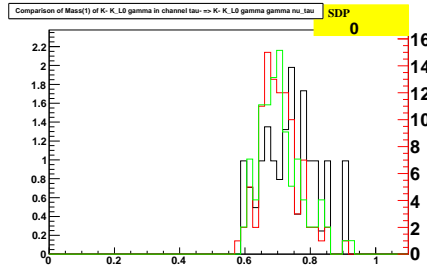
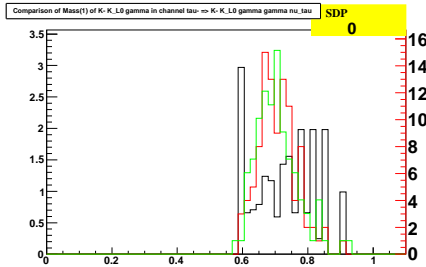
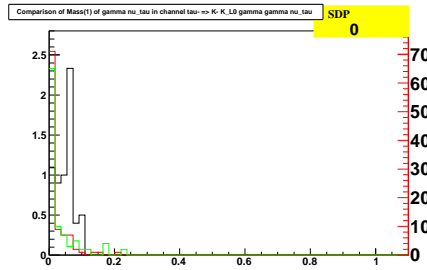
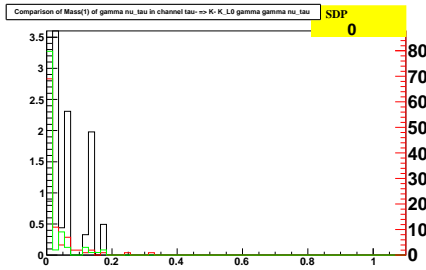


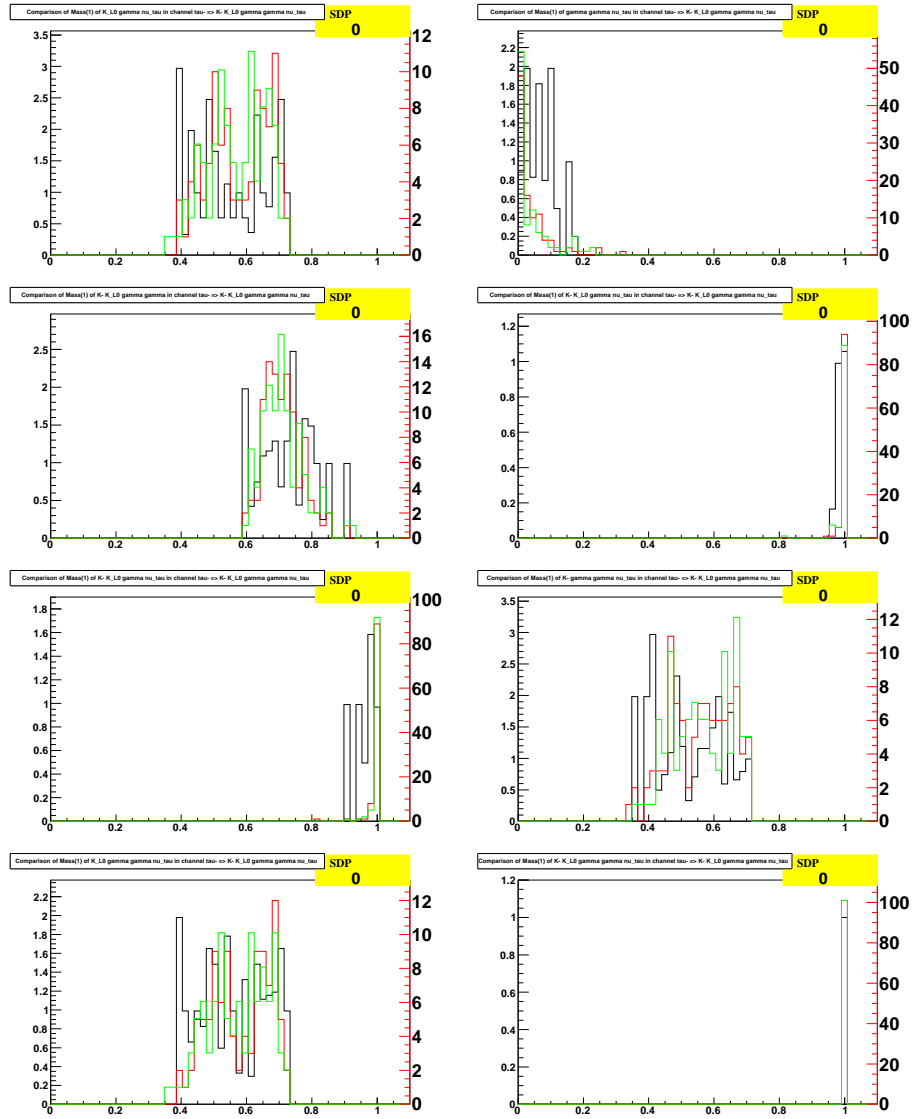
## 87 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \gamma \gamma \nu_\tau$

Number of events from generator 1: 101

Number of events from generator 2: 100 (scaled to generator1)





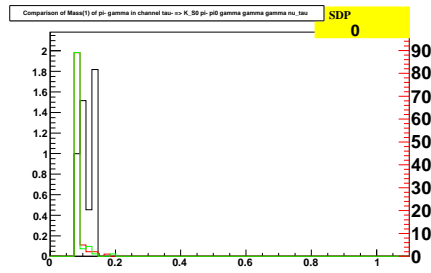
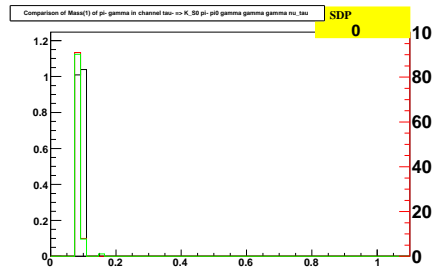
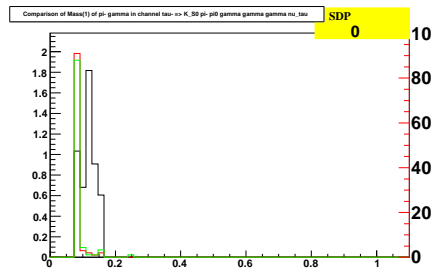
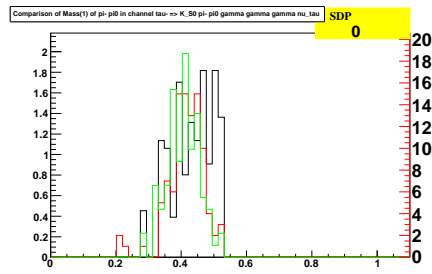
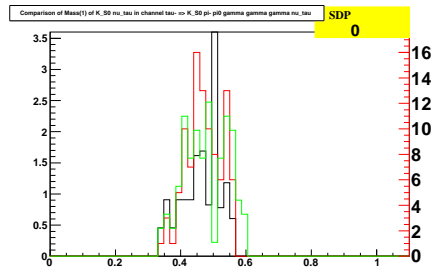
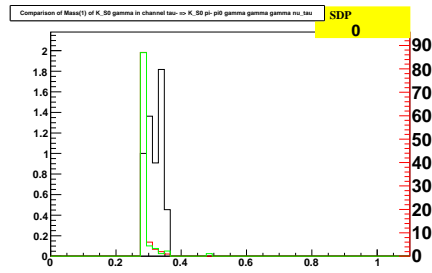
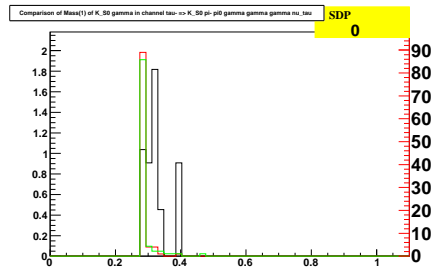
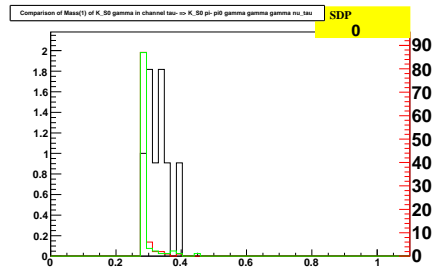
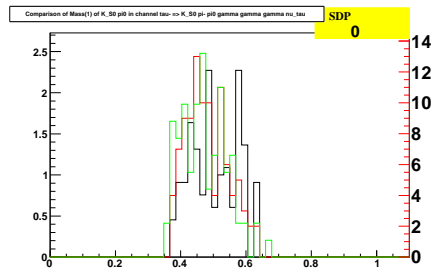
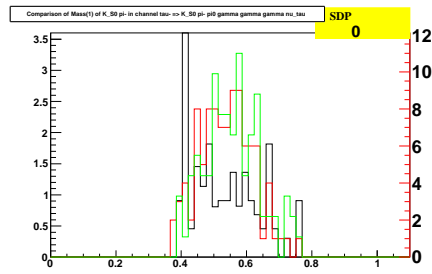


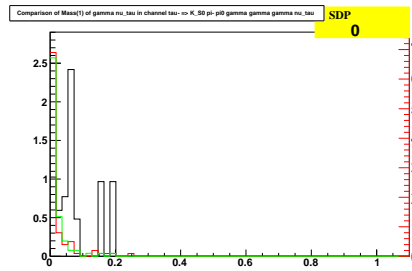
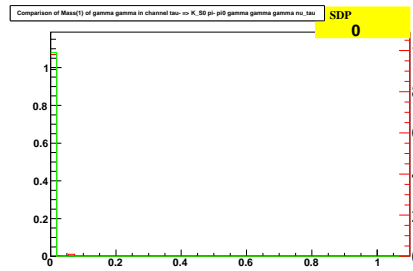
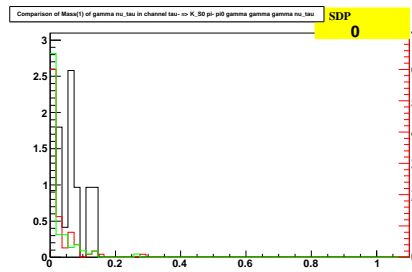
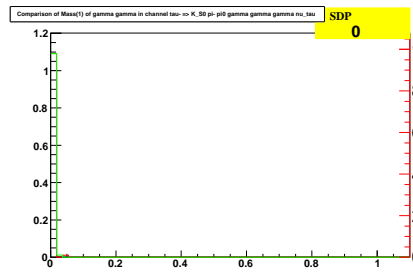
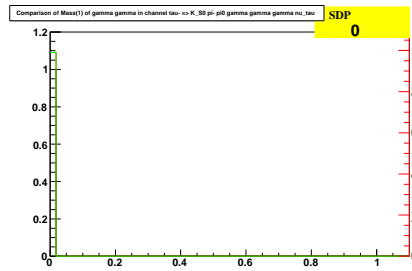
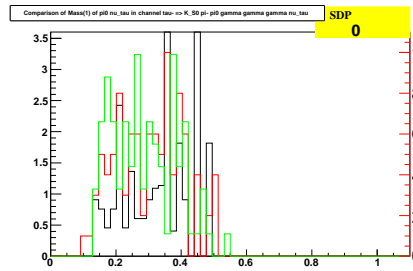
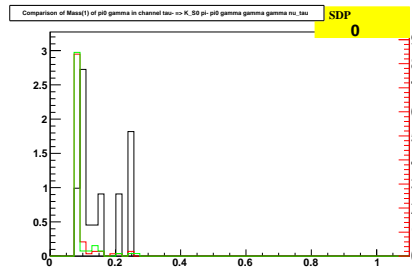
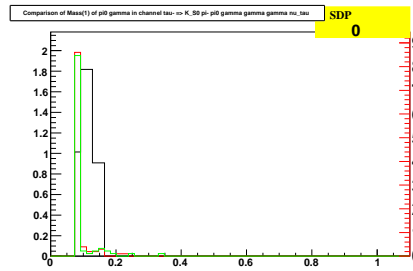
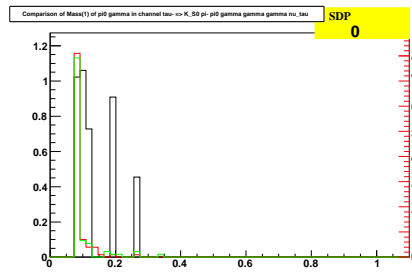
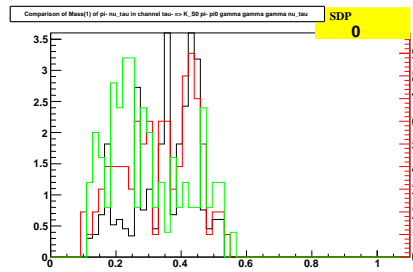
## 88 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- \pi^0 \gamma \gamma \nu_\tau$

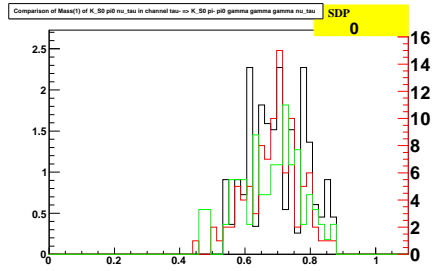
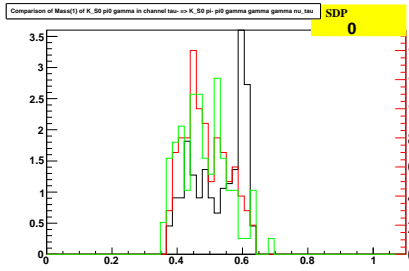
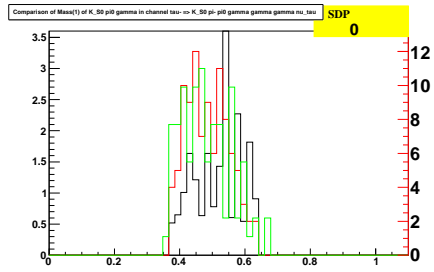
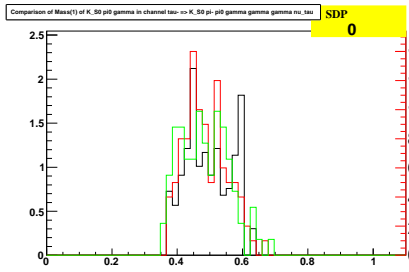
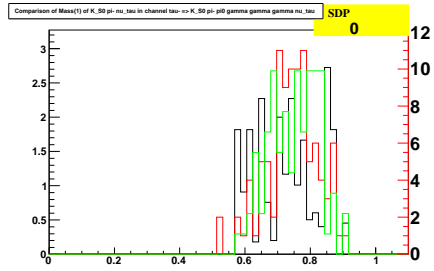
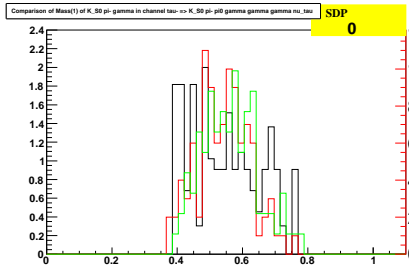
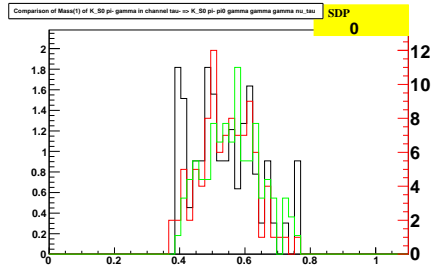
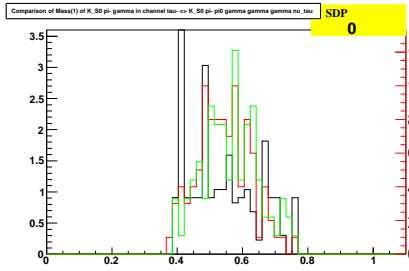
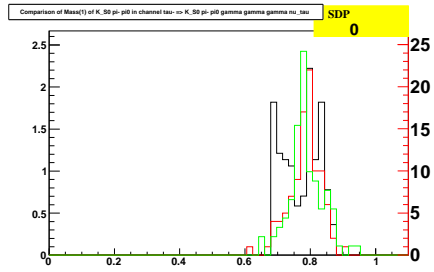
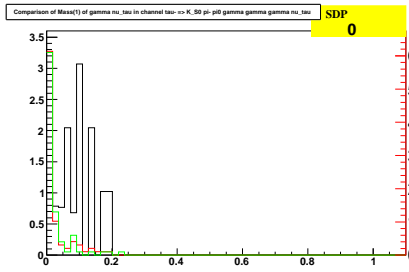
Number of events from generator 1: 99

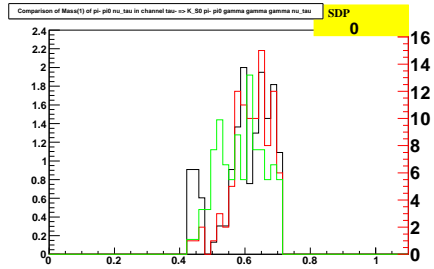
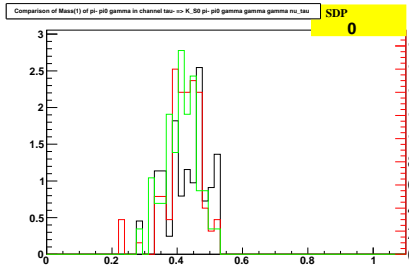
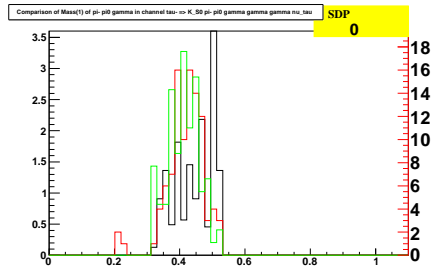
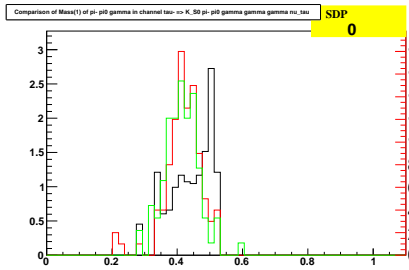
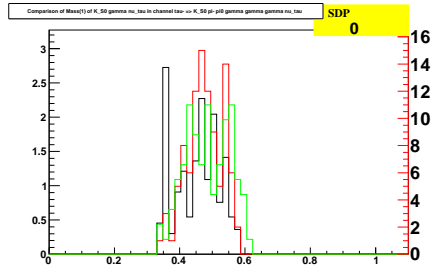
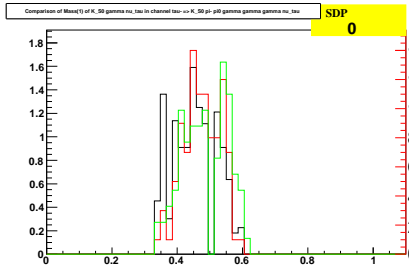
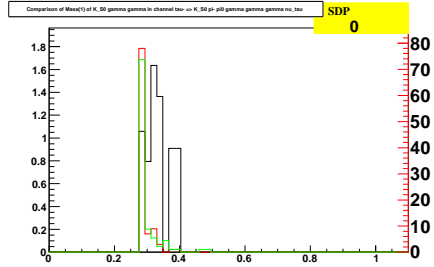
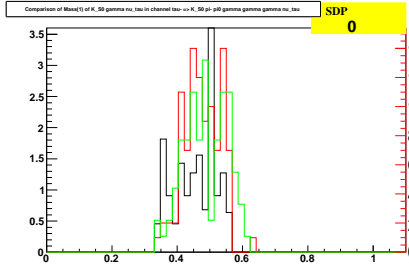
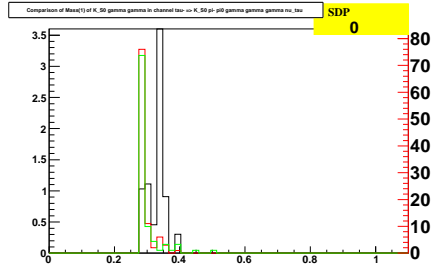
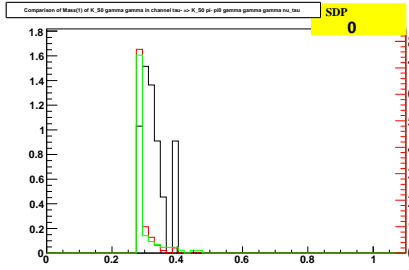
Number of events from generator 2: 90 (scaled to generator 1)



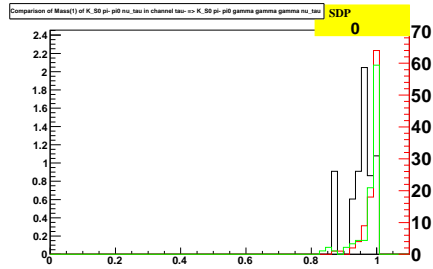
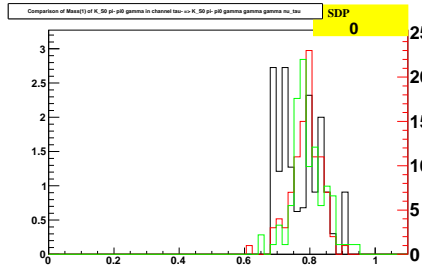
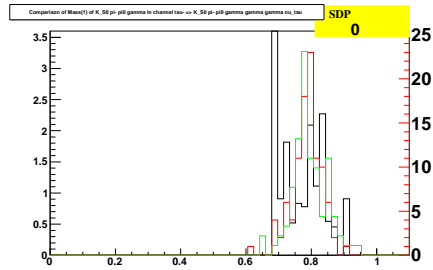
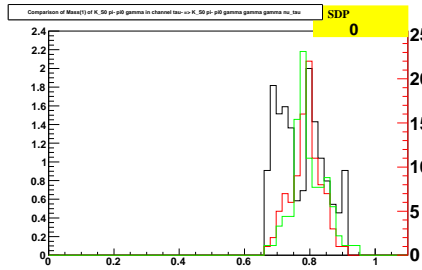
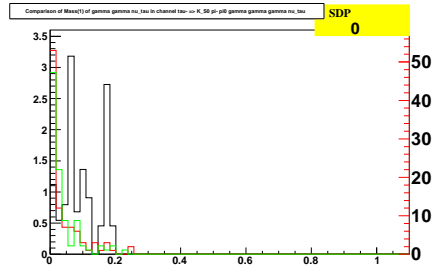
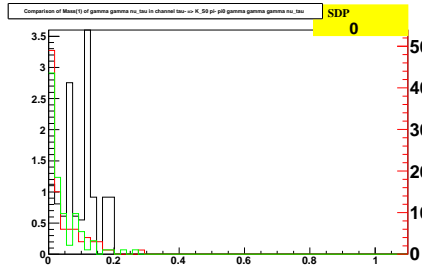
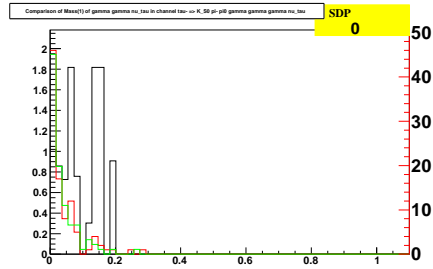
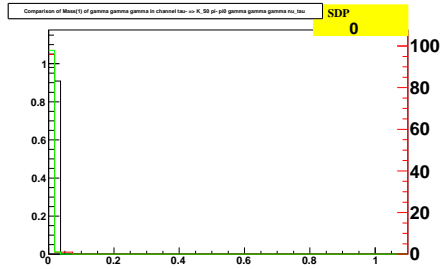
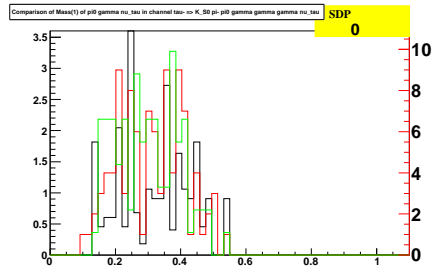
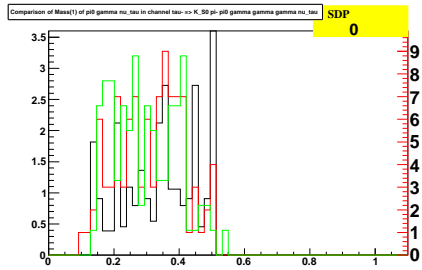


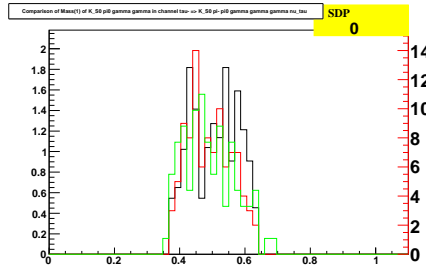
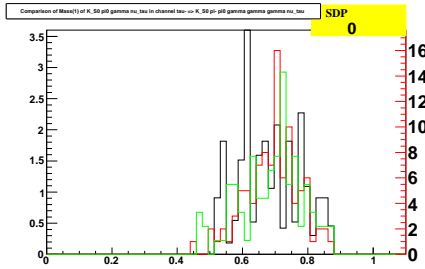
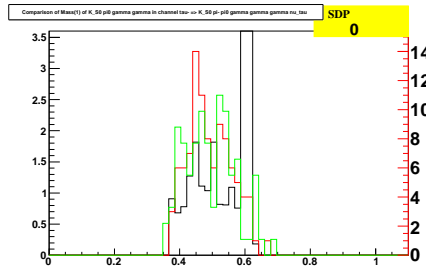
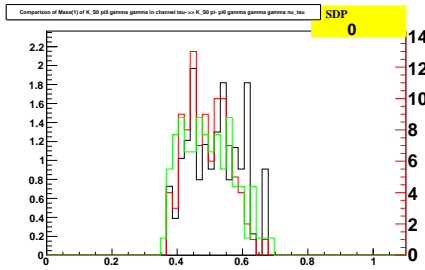
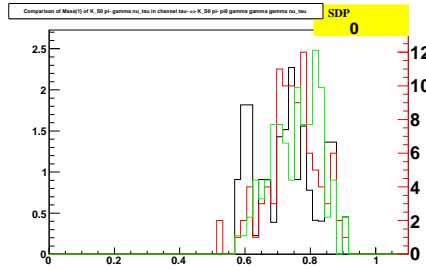
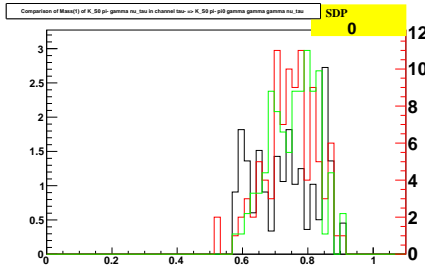
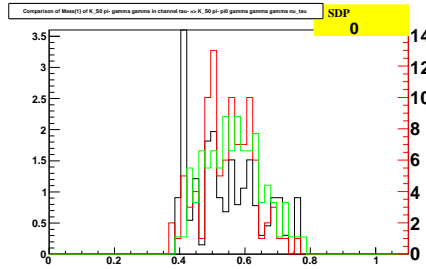
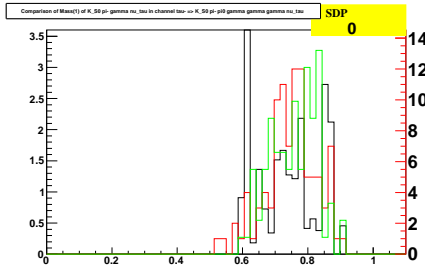
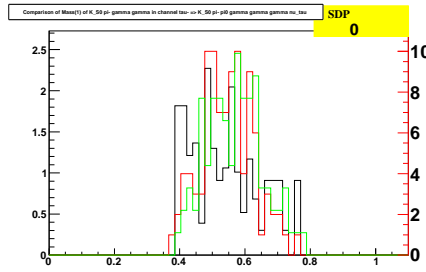
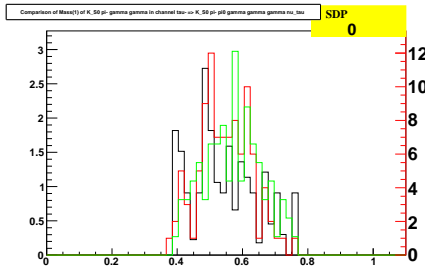


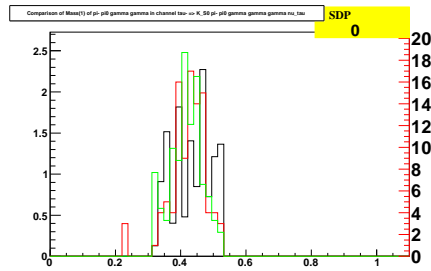
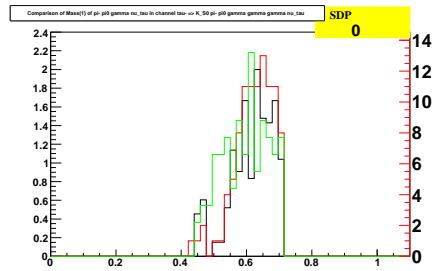
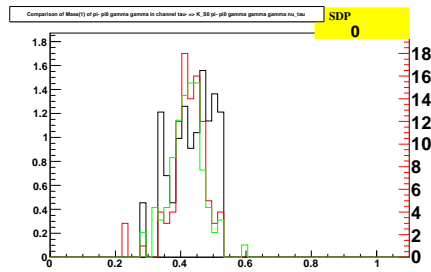
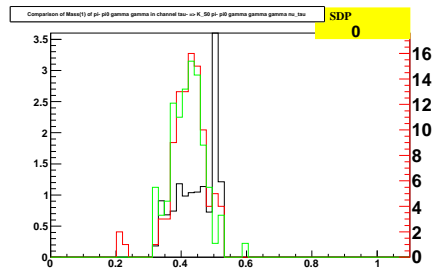
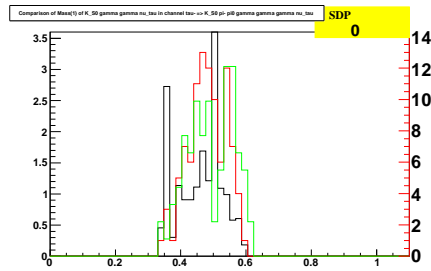
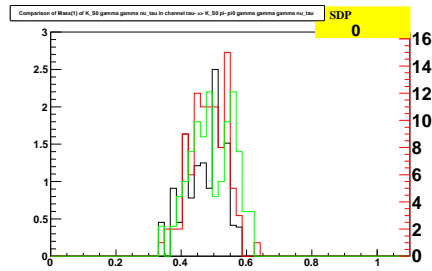
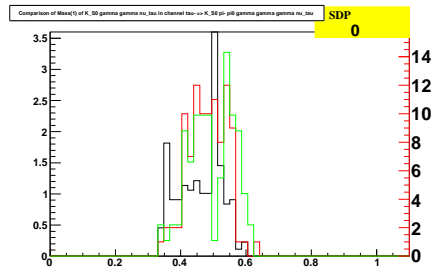
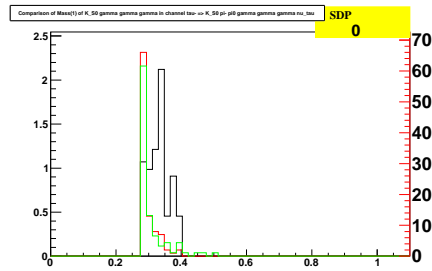
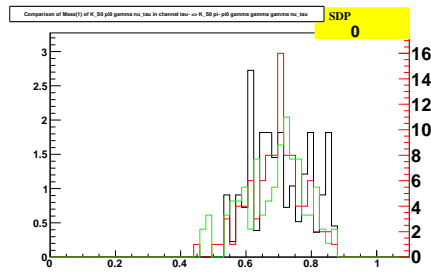
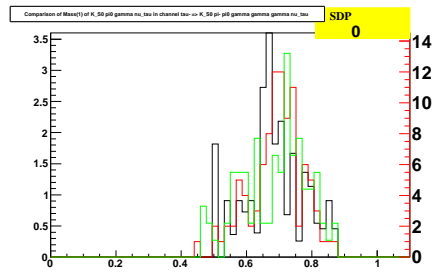






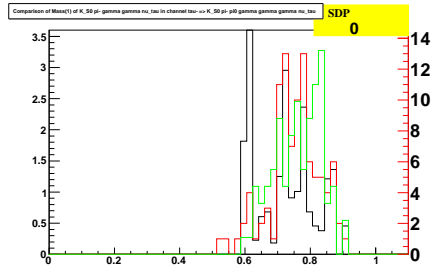
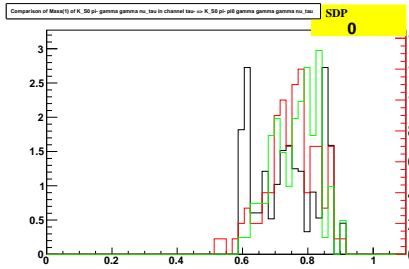
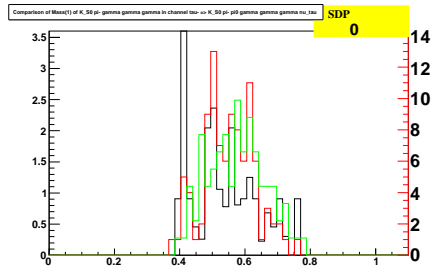
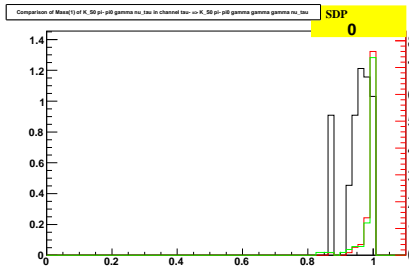
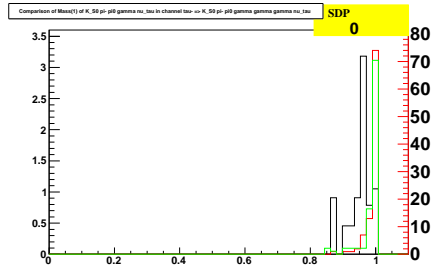
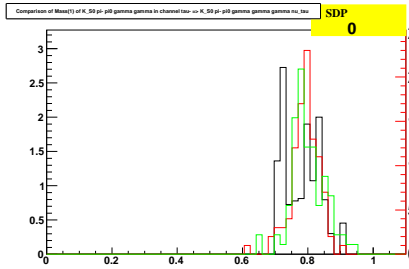
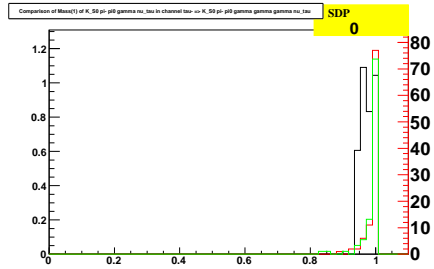
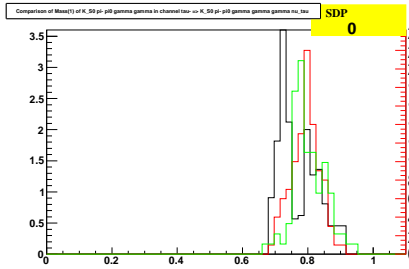
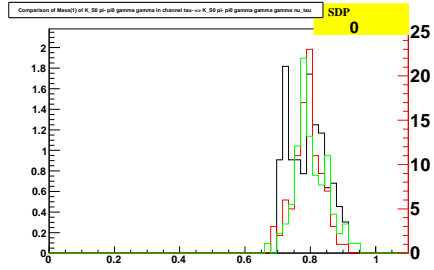
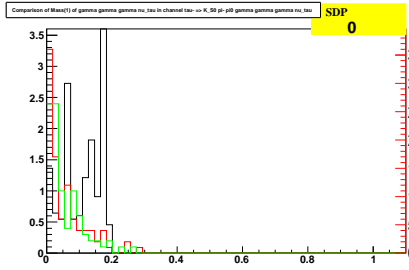


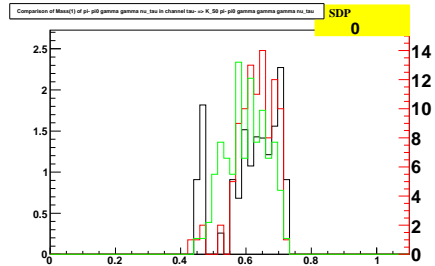
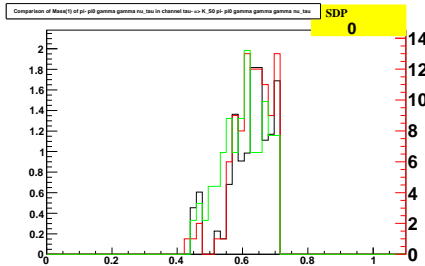
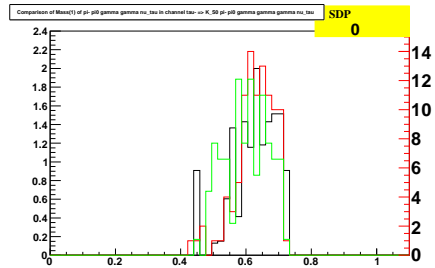
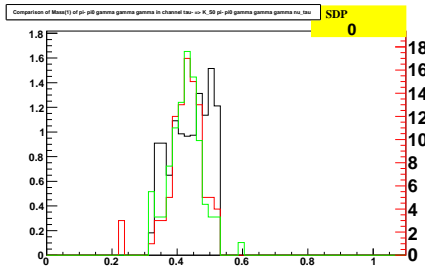
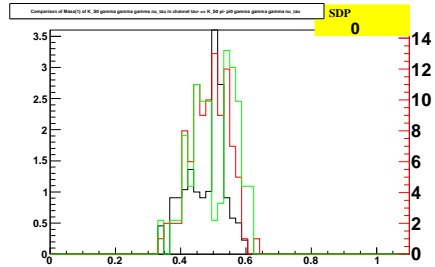
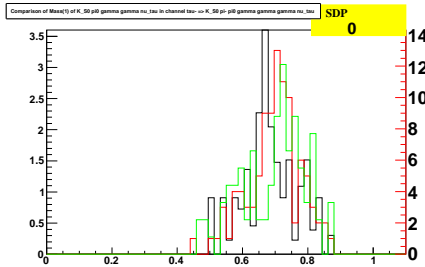
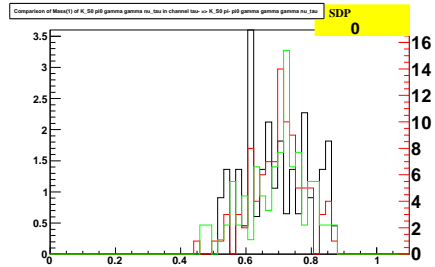
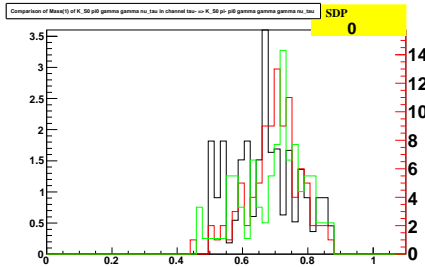
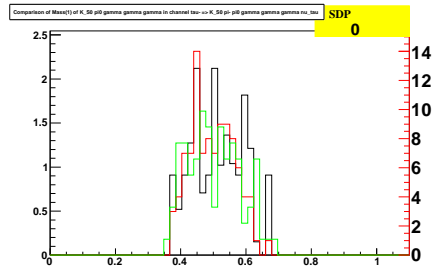
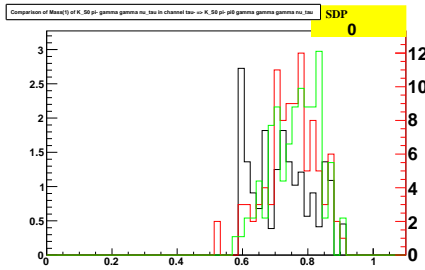


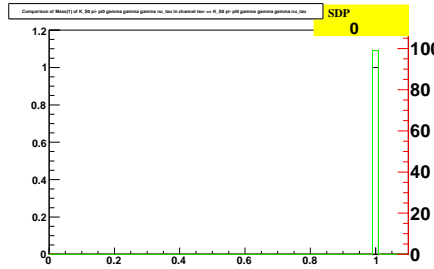
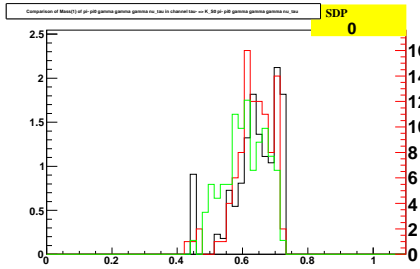
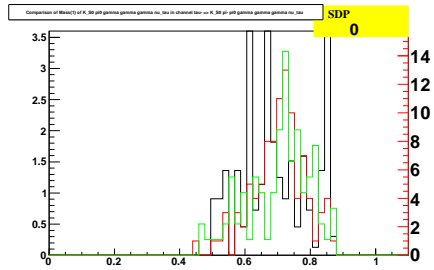
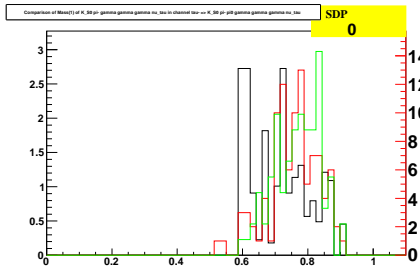
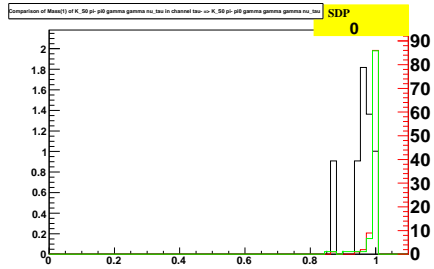
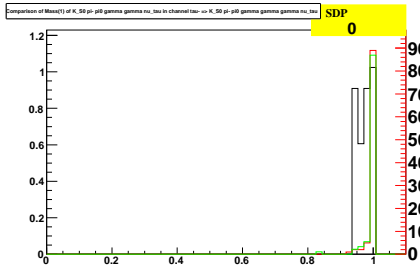
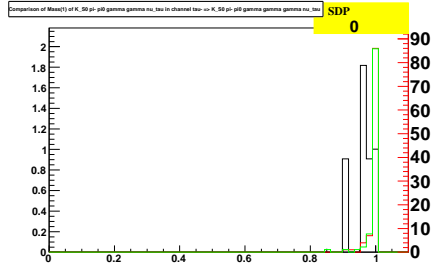
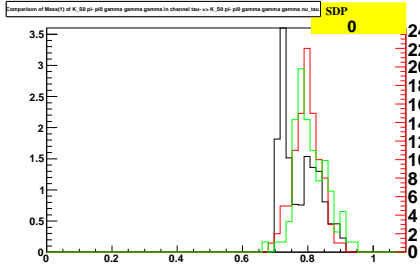
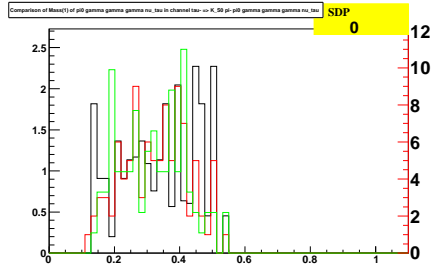
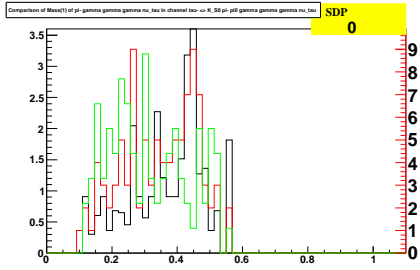








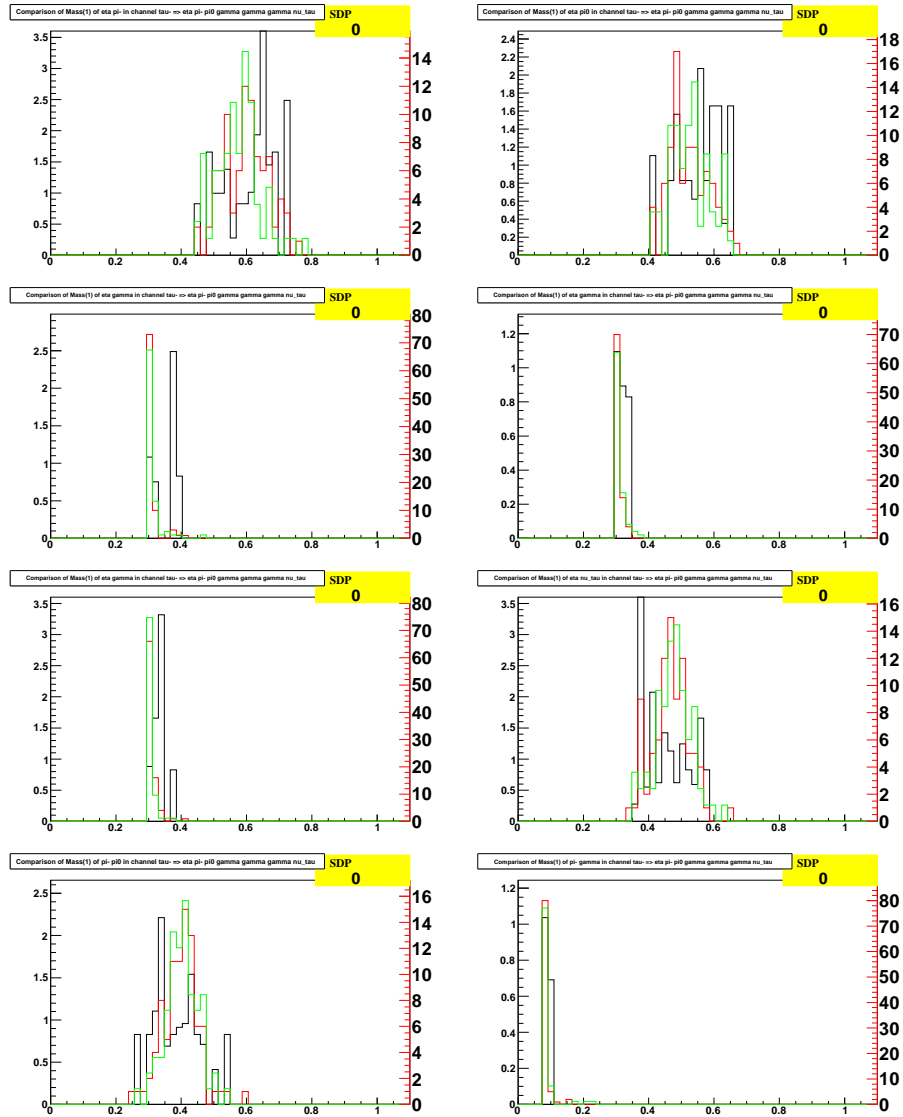


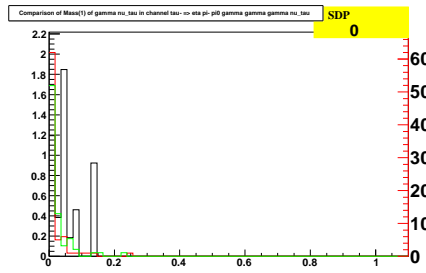
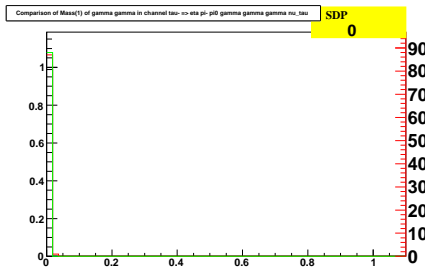
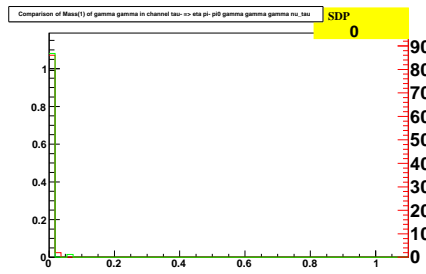
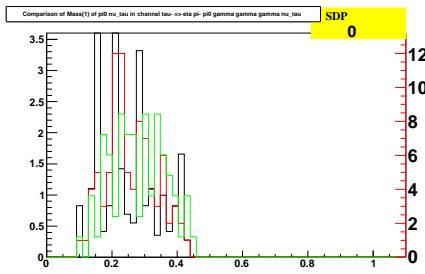
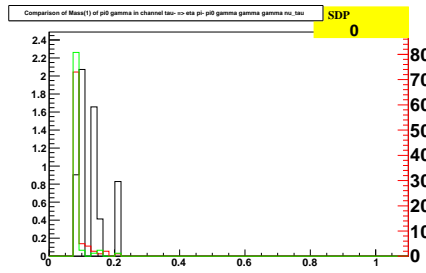
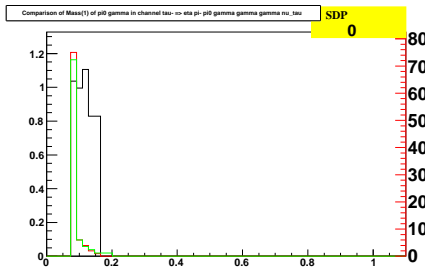
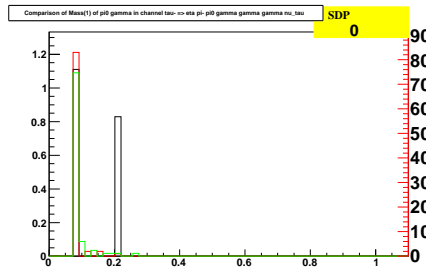
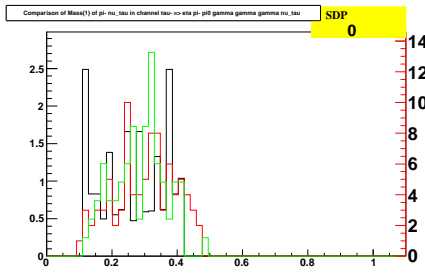
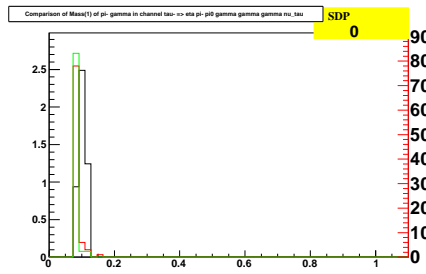
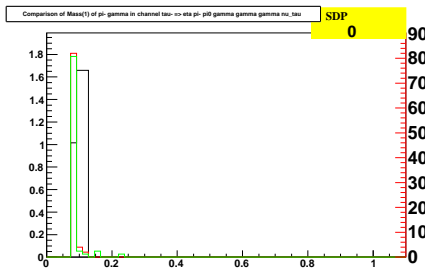


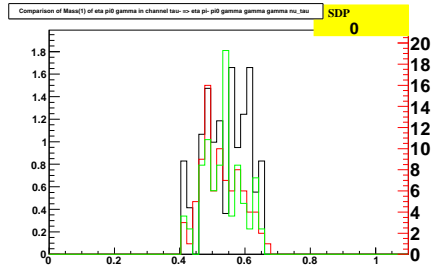
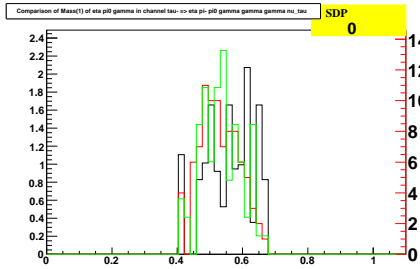
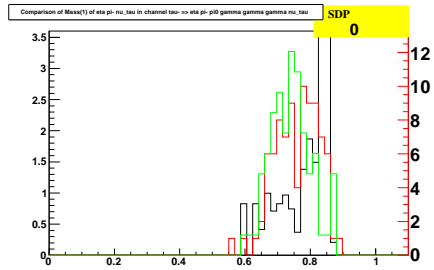
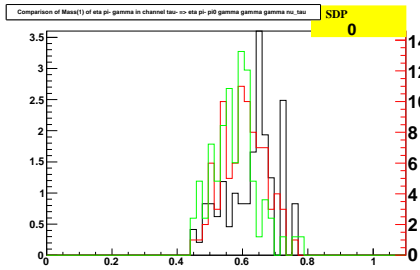
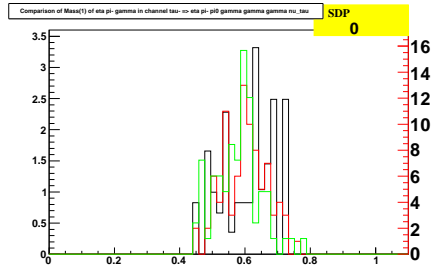
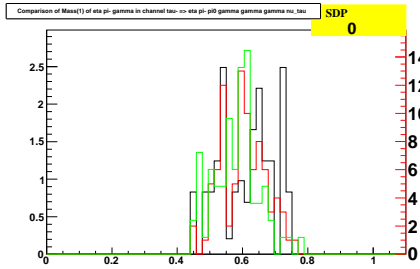
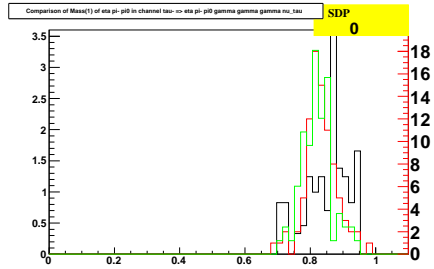
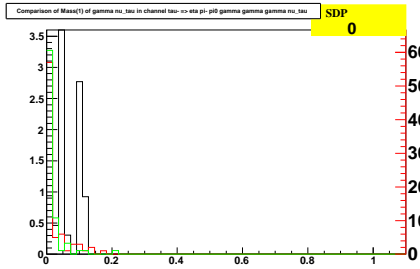
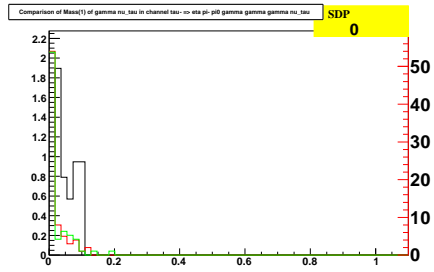
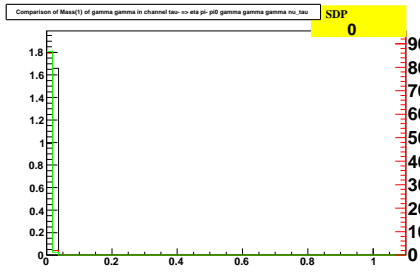
## 89 Decay Channel: $\tau^- \rightarrow \eta\pi^-\pi^0\gamma\gamma\nu_\tau$

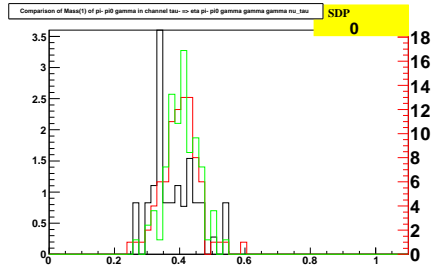
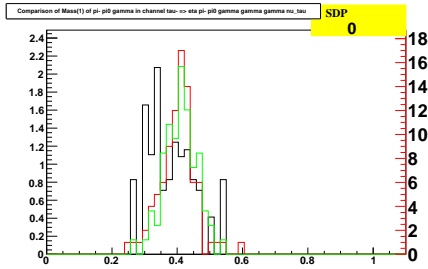
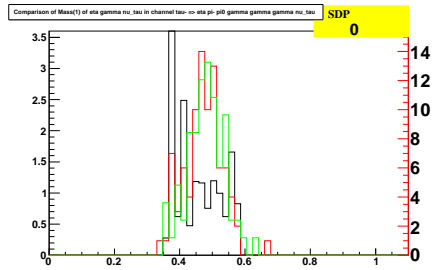
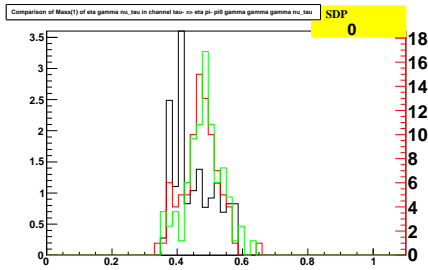
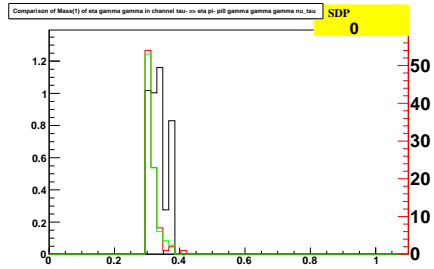
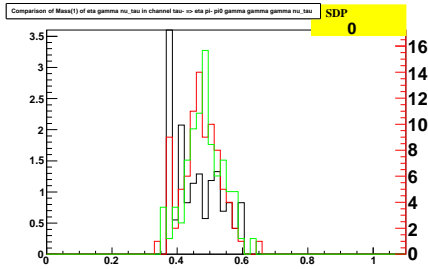
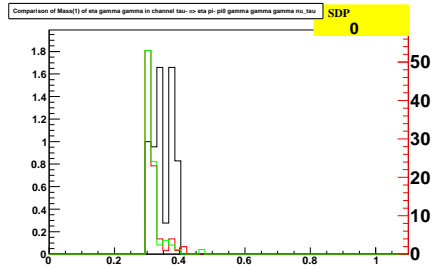
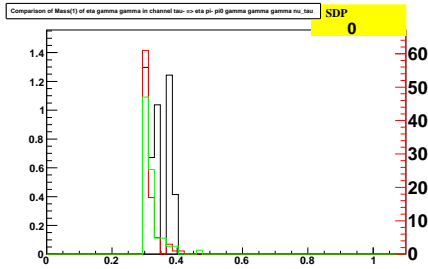
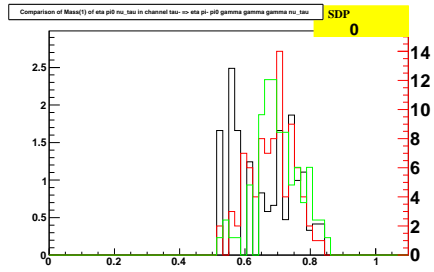
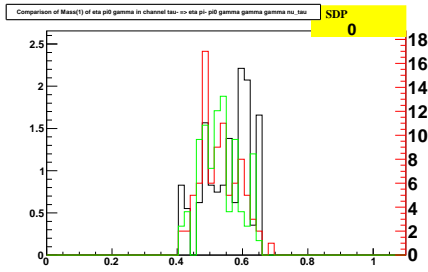
Number of events from **generator 1**: 88

Number of events from **generator 2**: 73 (scaled to generator1)

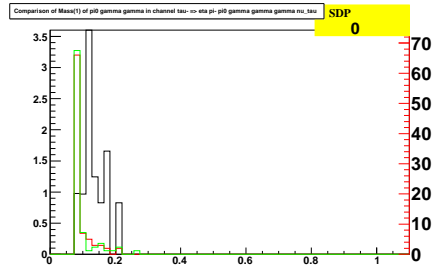
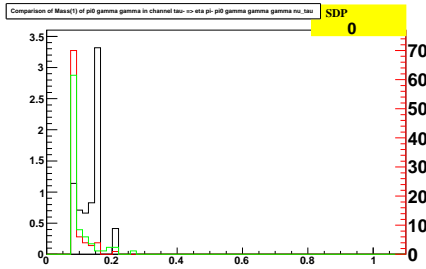
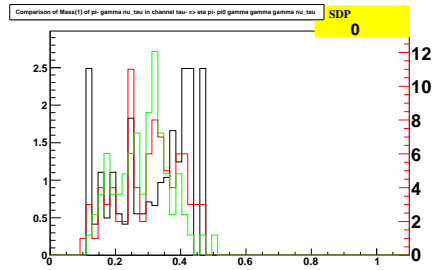
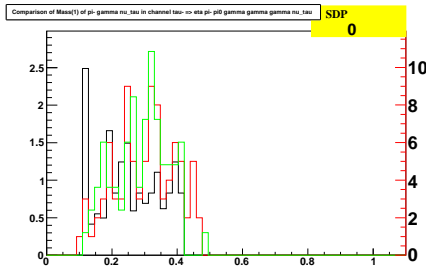
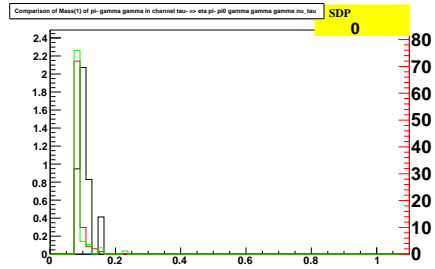
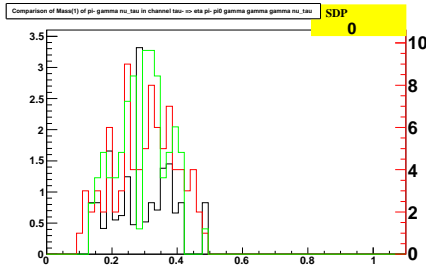
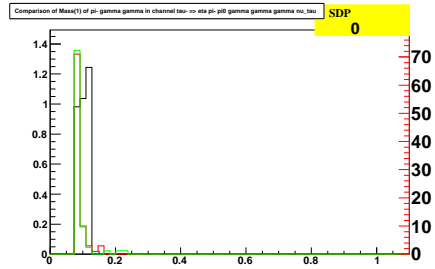
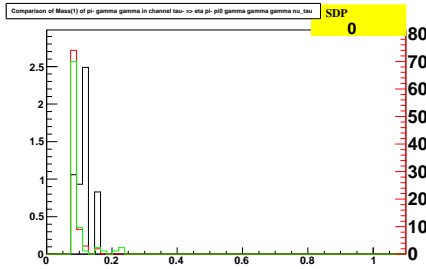
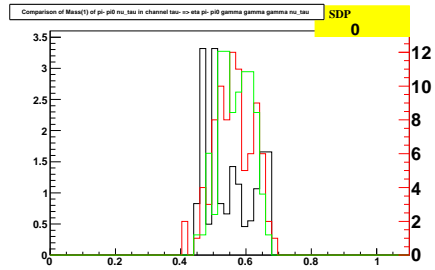
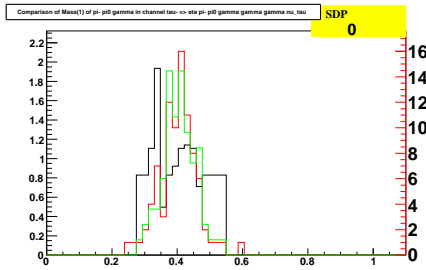


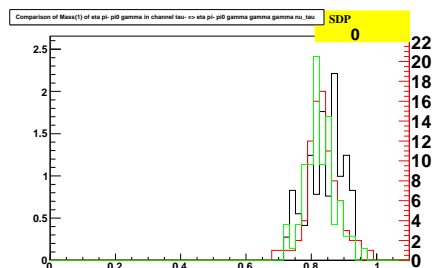
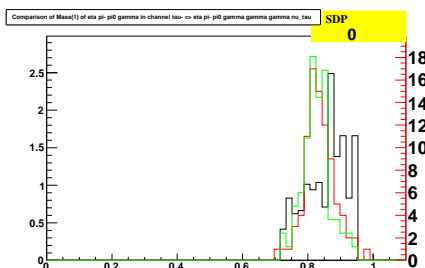
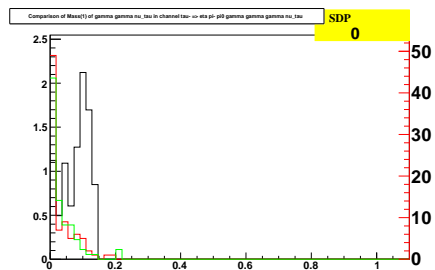
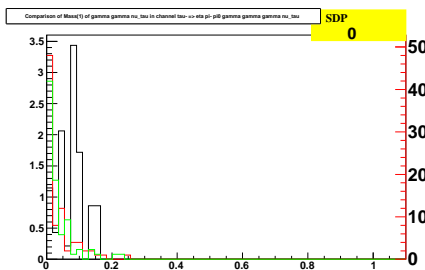
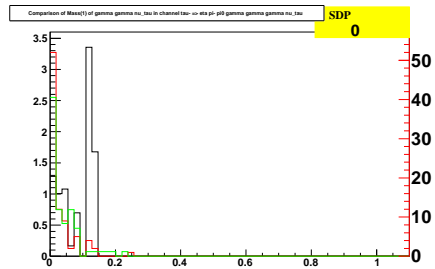
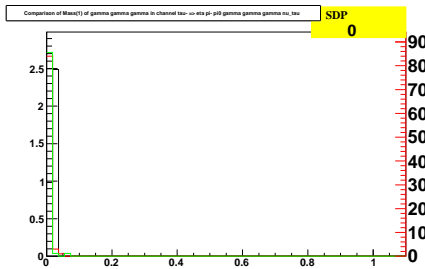
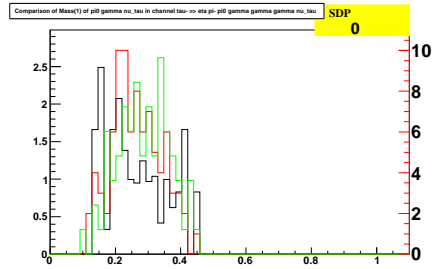
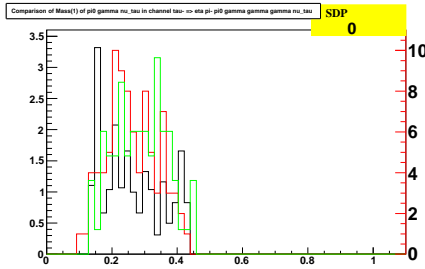
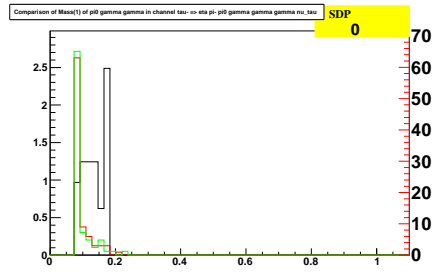
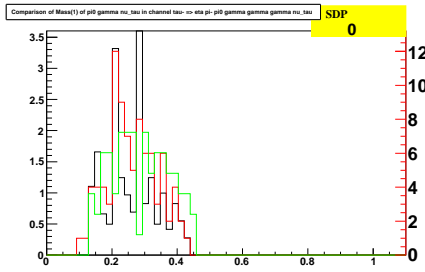


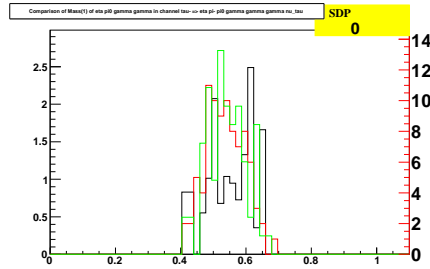
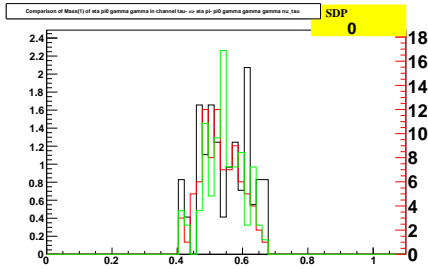
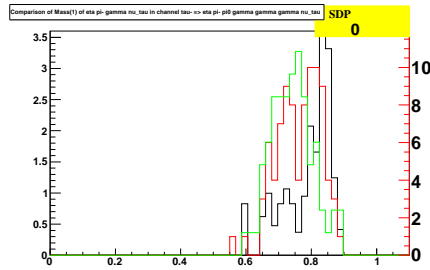
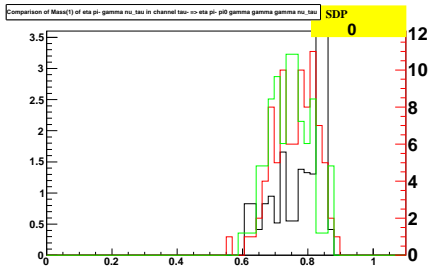
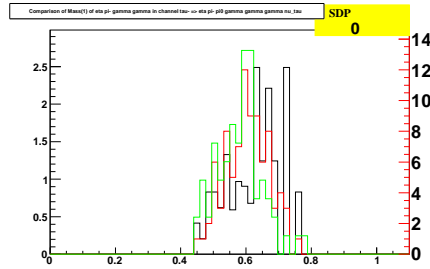
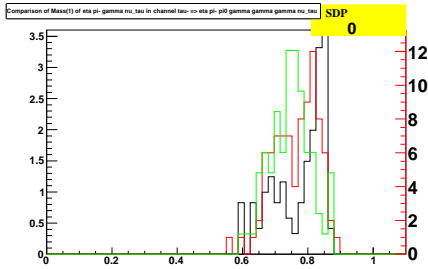
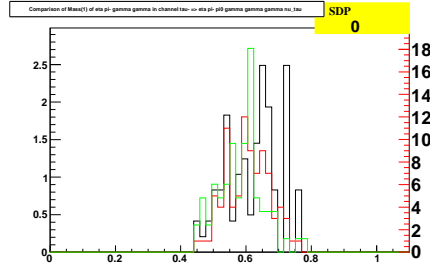
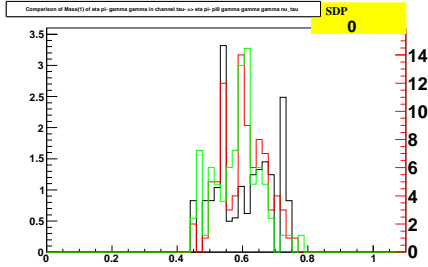
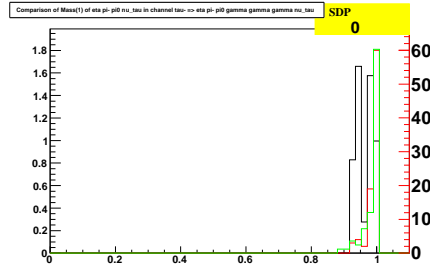
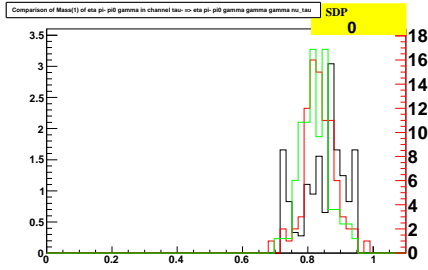


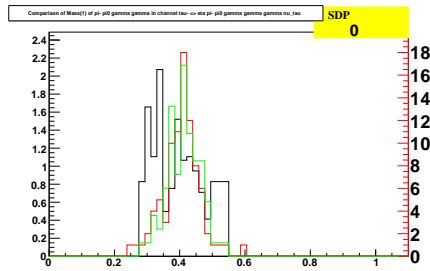
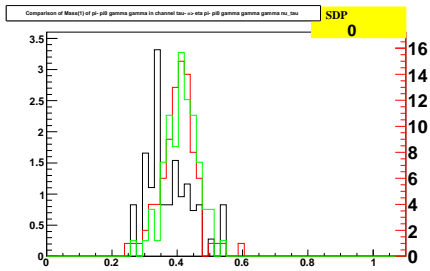
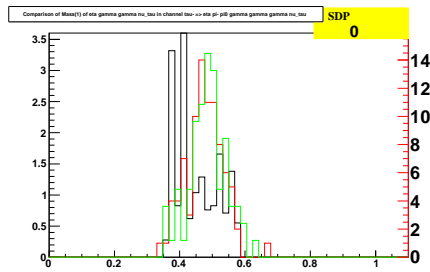
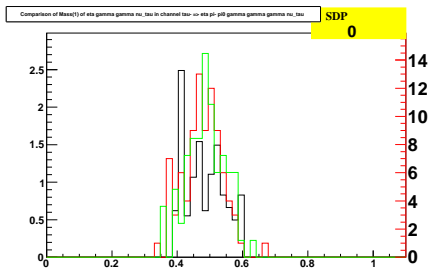
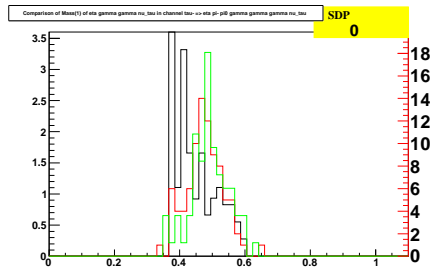
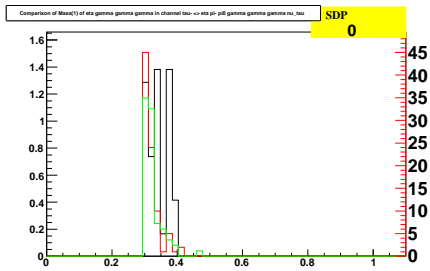
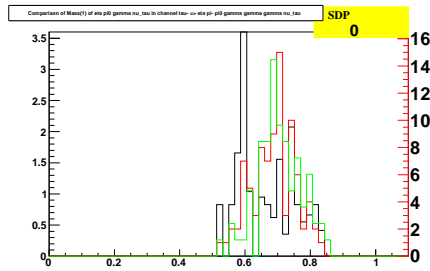
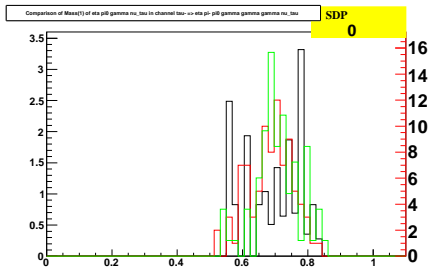
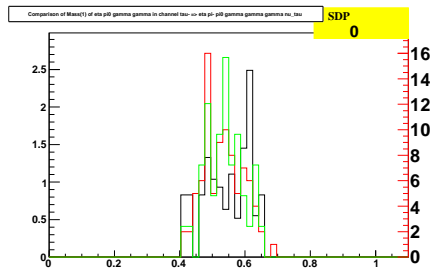
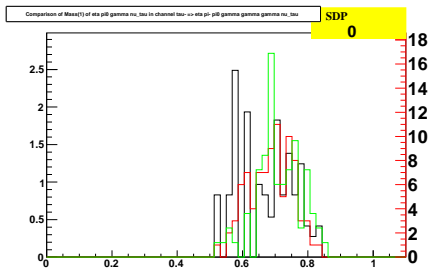


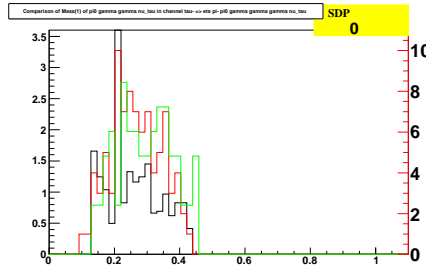
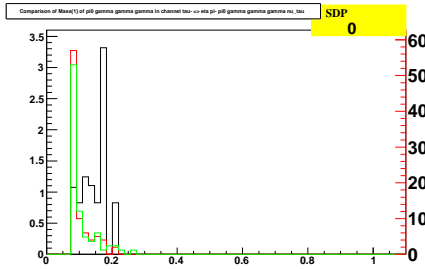
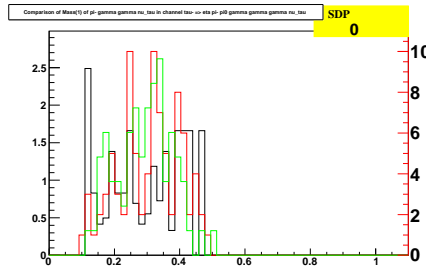
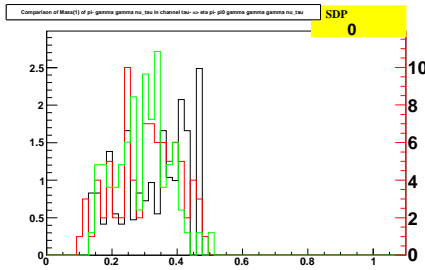
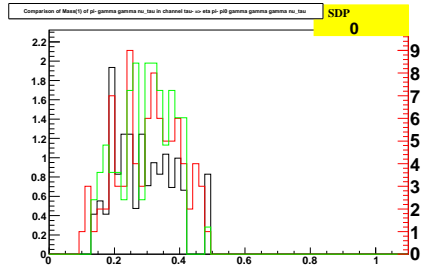
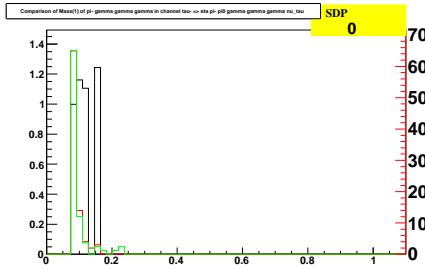
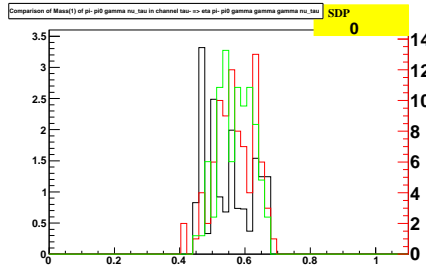
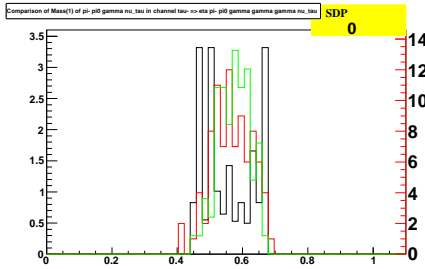
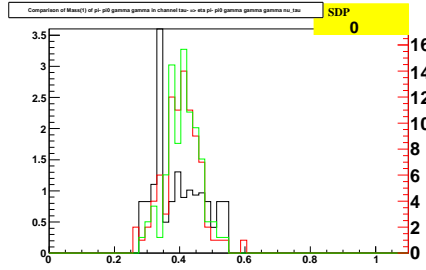
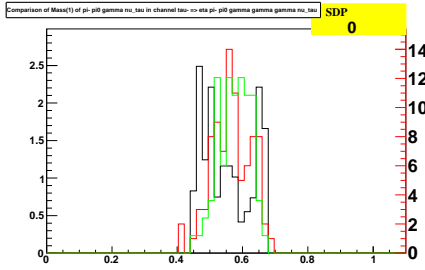


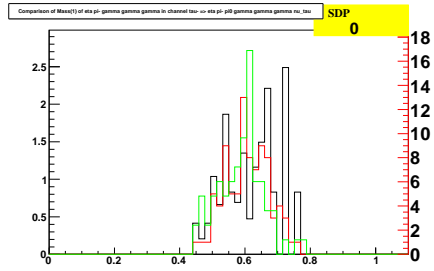
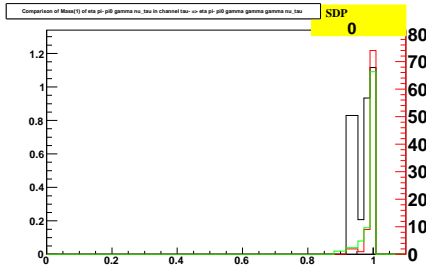
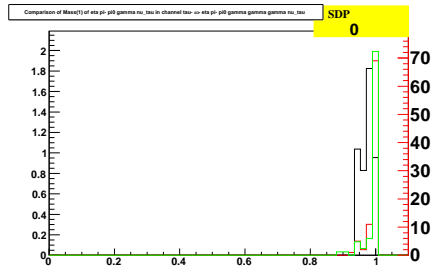
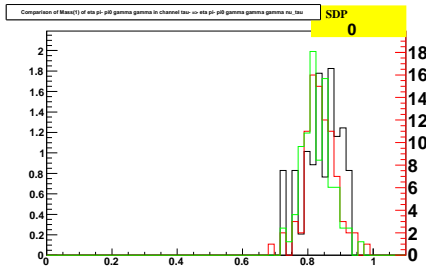
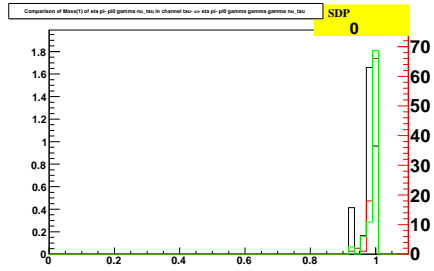
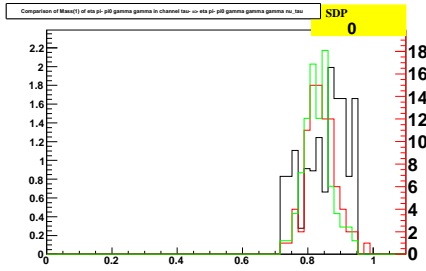
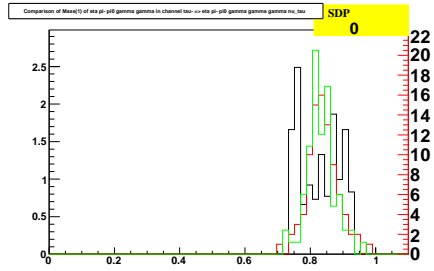
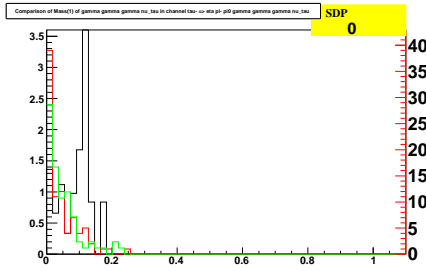
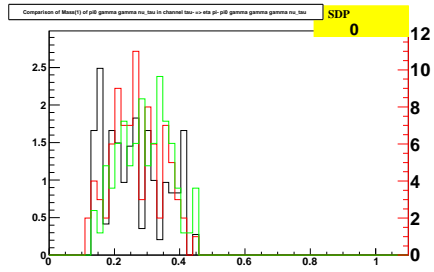
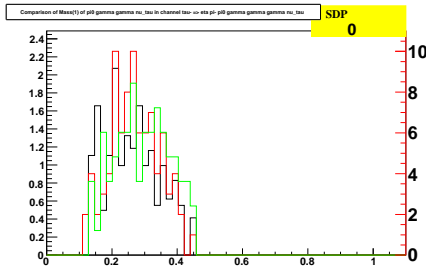


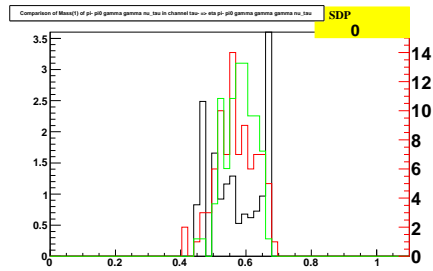
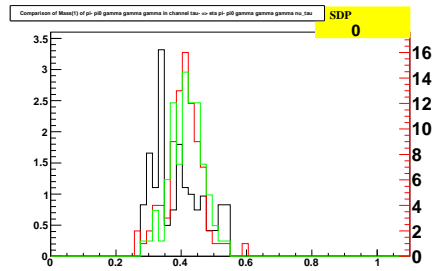
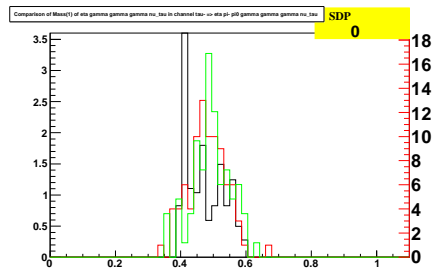
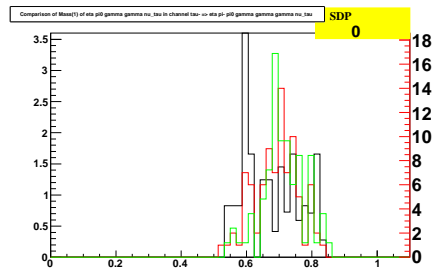
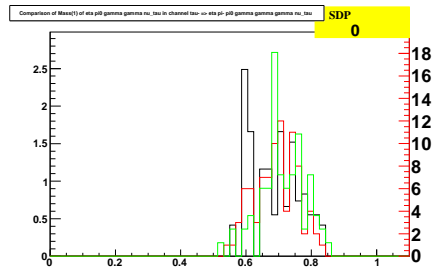
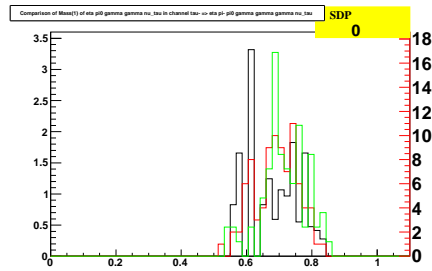
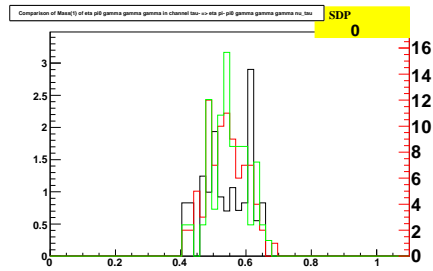
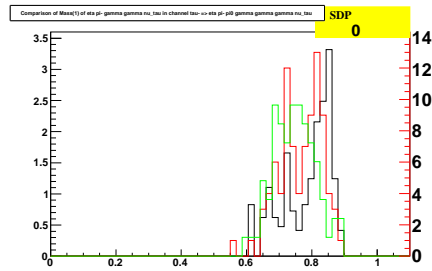
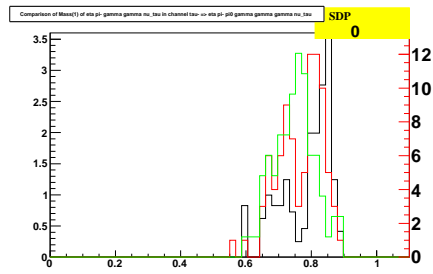
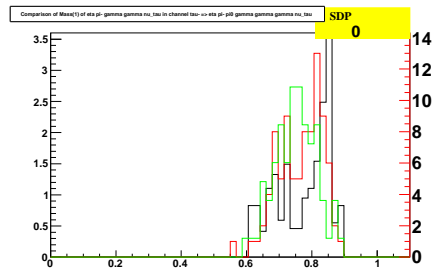


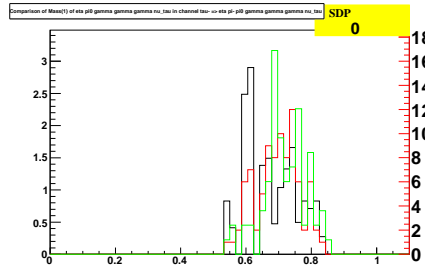
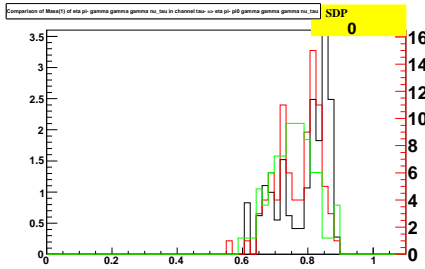
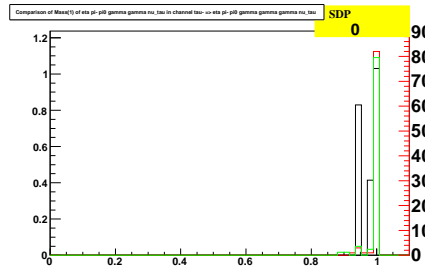
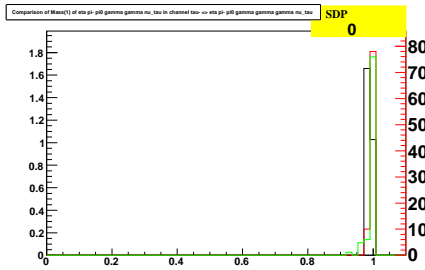
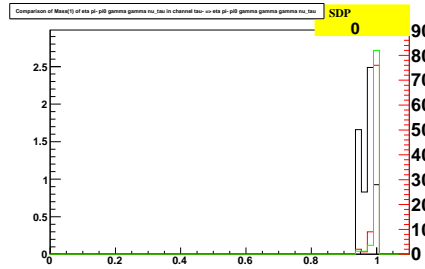
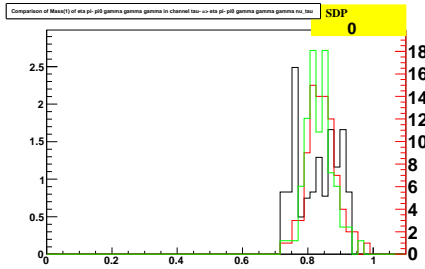
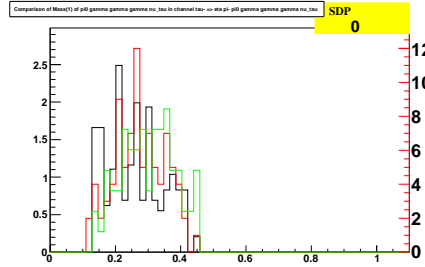
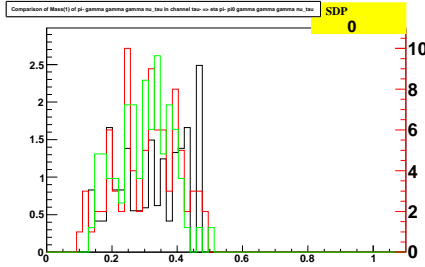
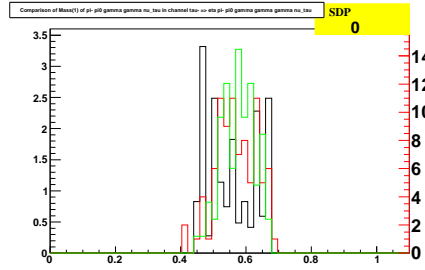
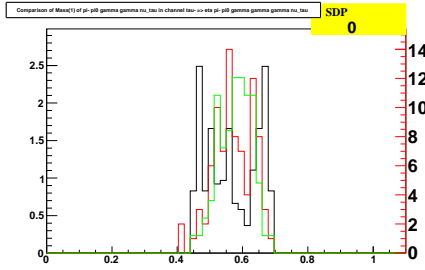




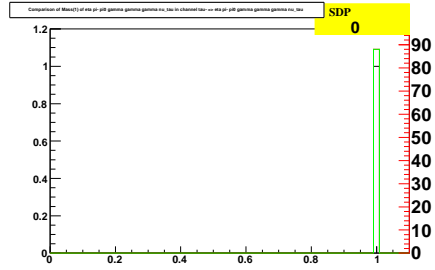
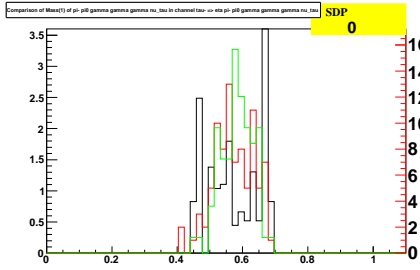








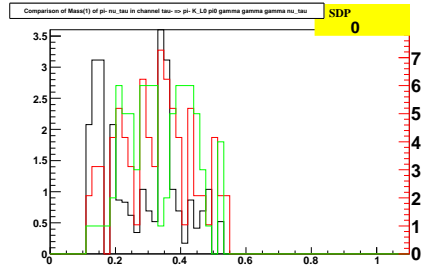
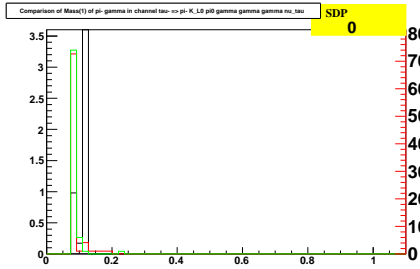
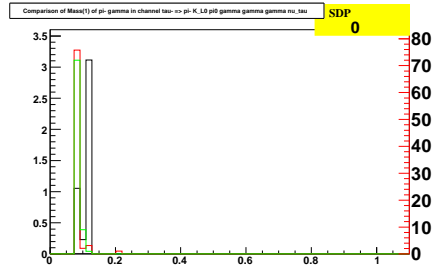
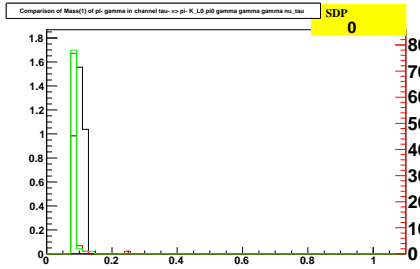
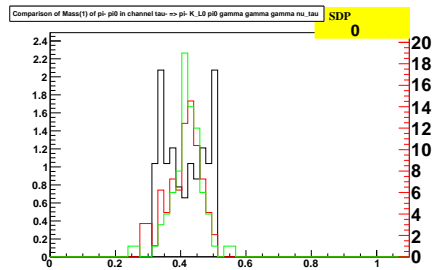
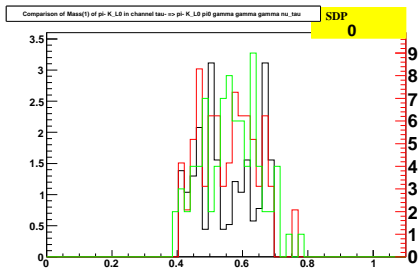


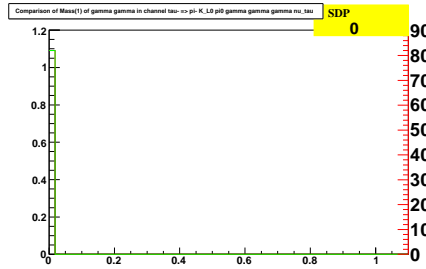
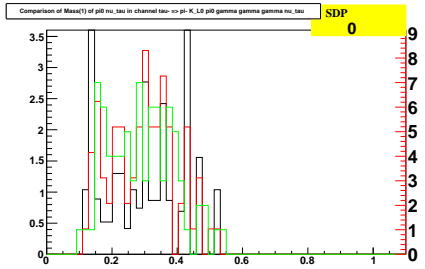
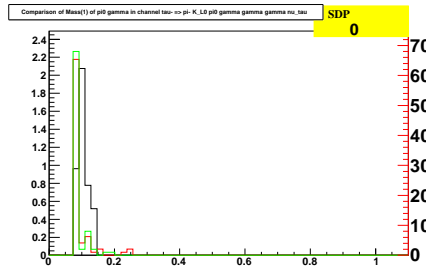
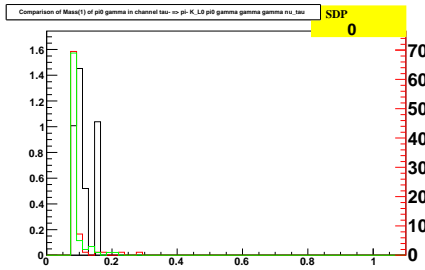
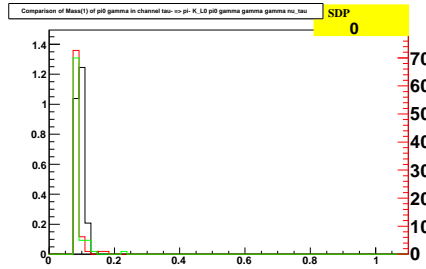
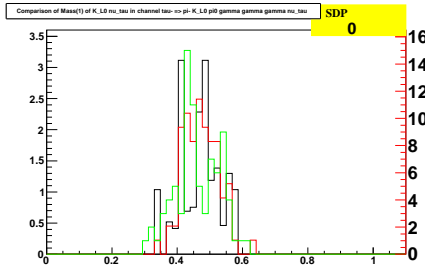
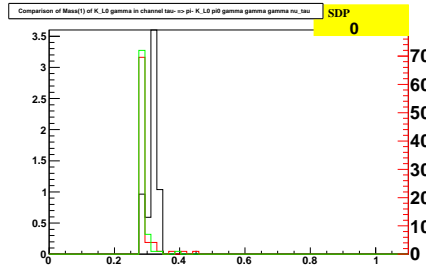
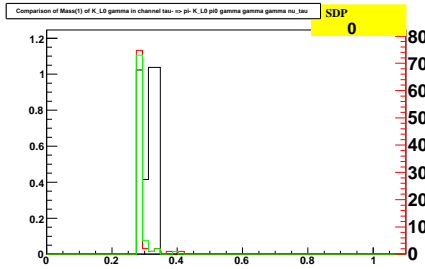
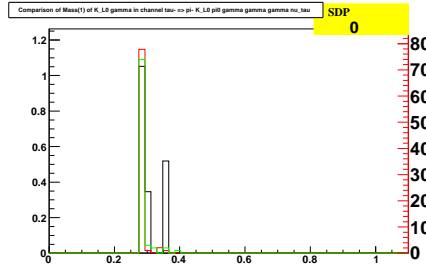
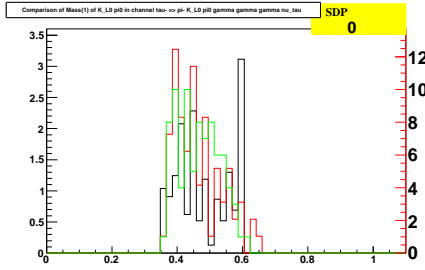


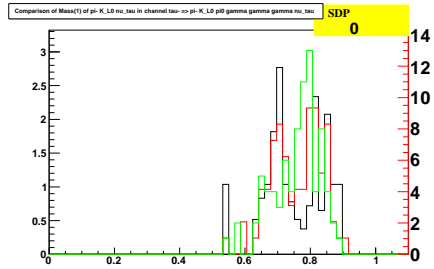
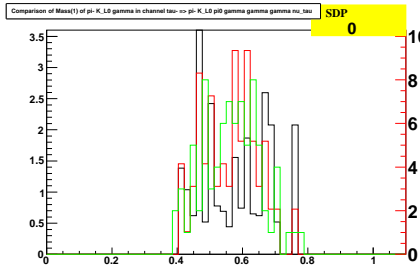
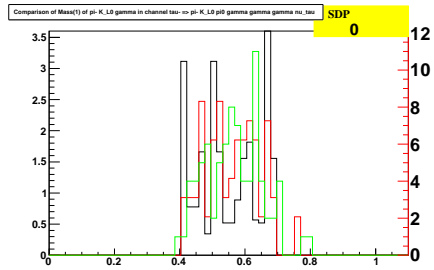
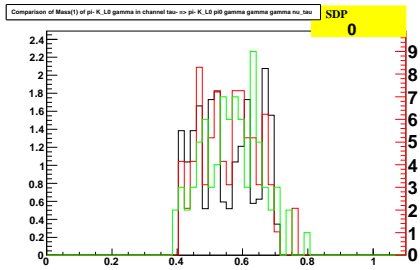
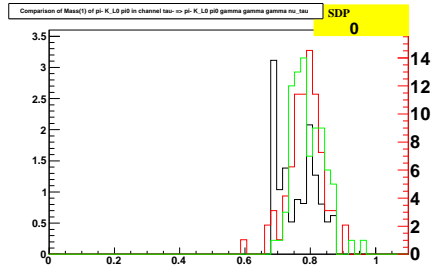
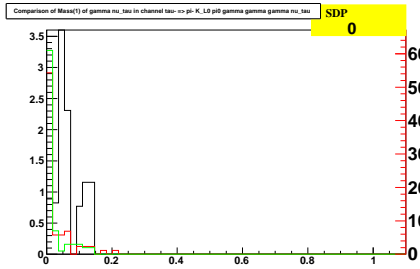
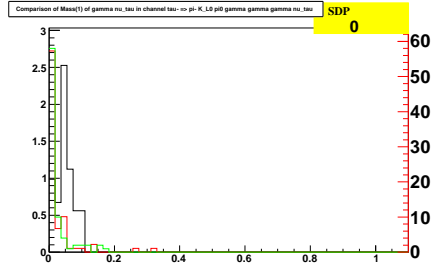
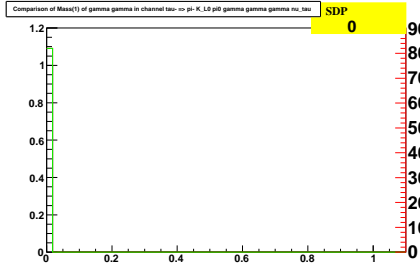
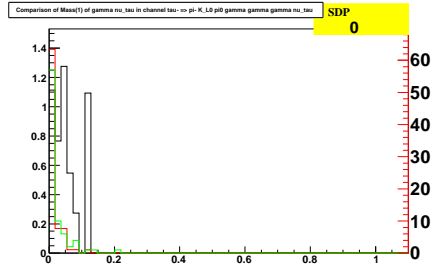
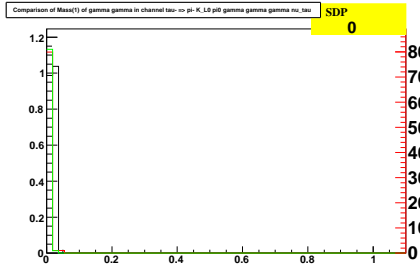
## 90 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \pi^0 \gamma \gamma \nu_\tau$

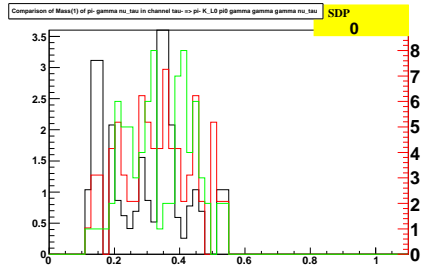
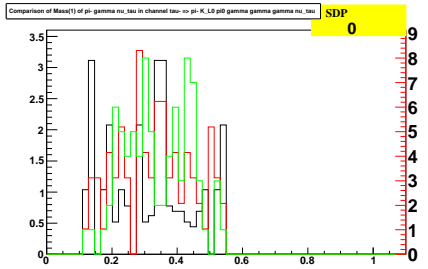
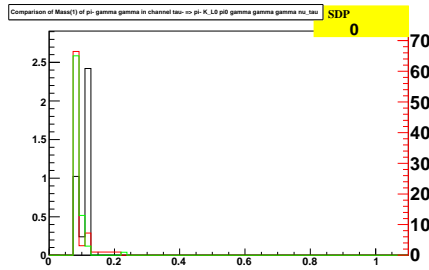
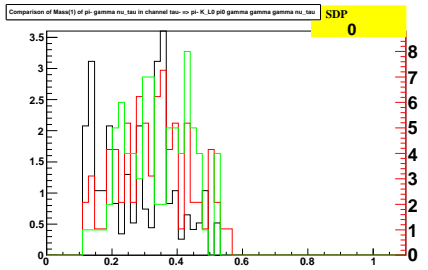
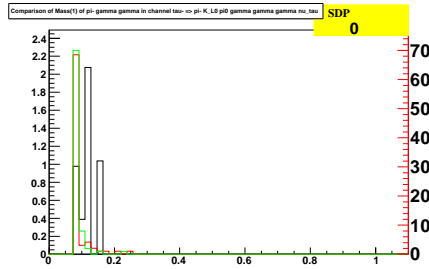
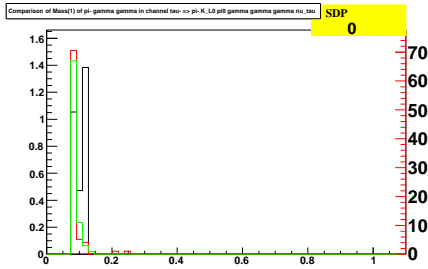
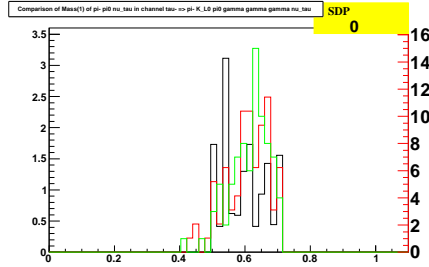
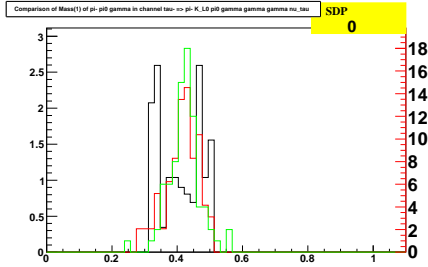
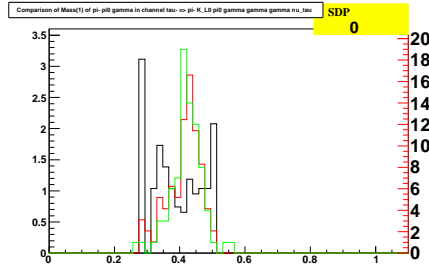
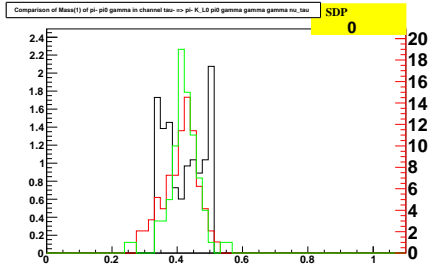
Number of events from generator 1: 79 (scaled to generator2)

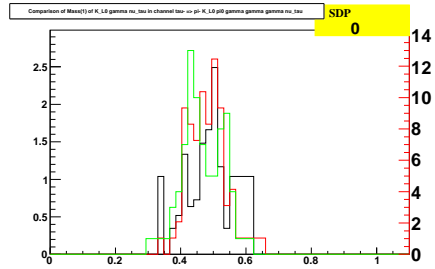
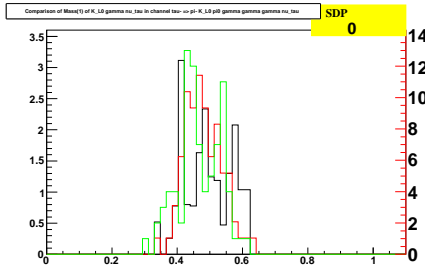
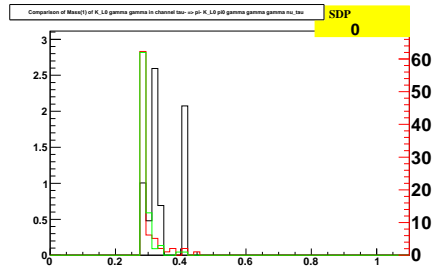
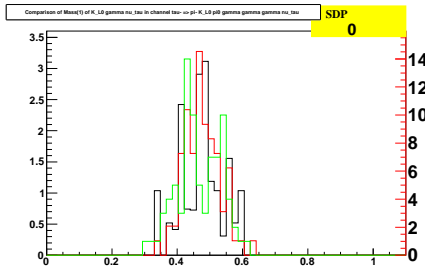
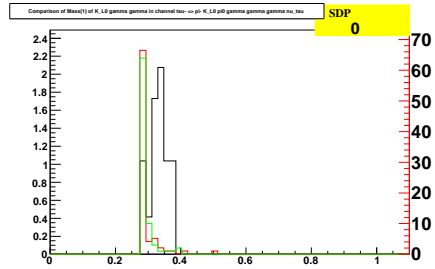
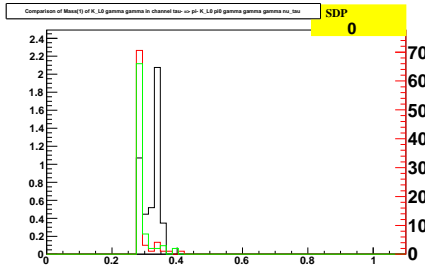
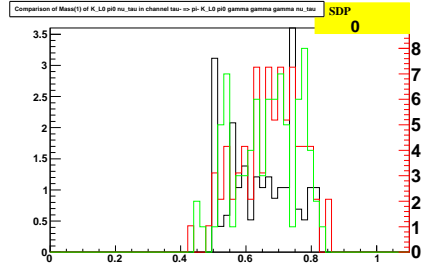
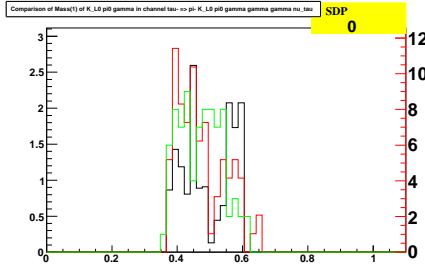
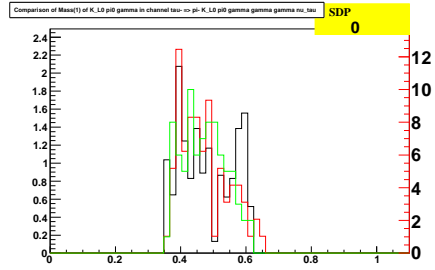
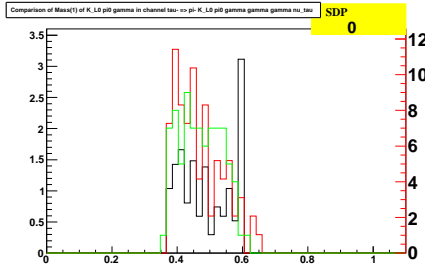
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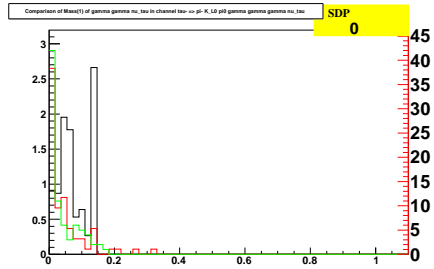
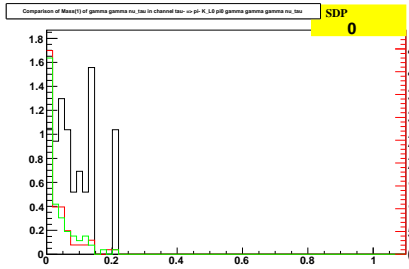
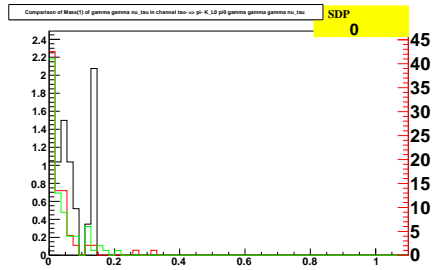
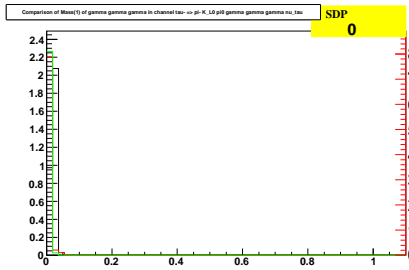
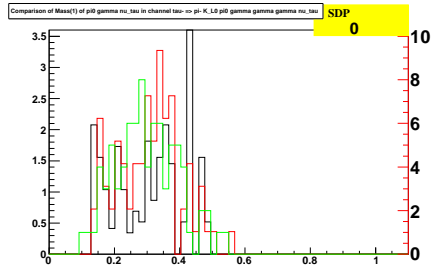
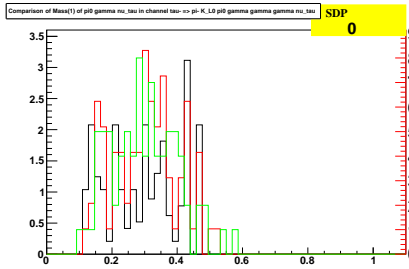
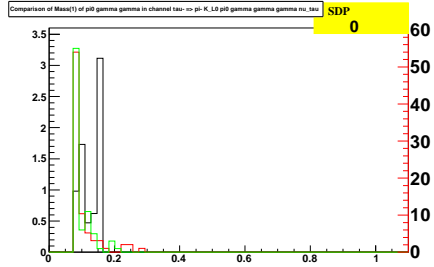
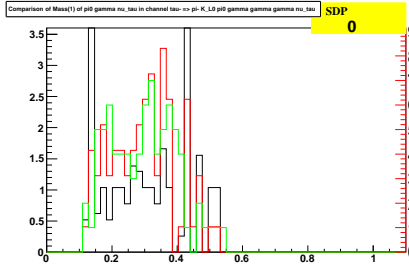
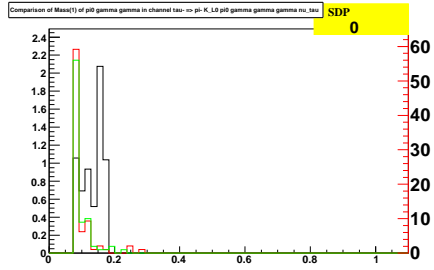
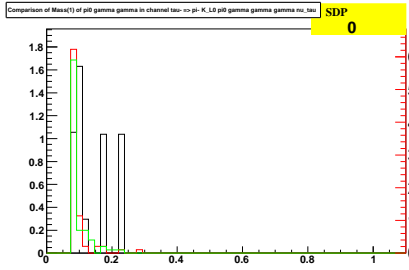


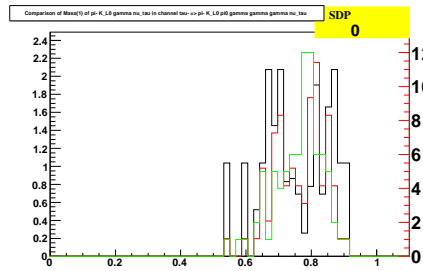
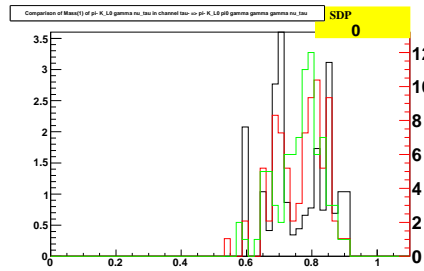
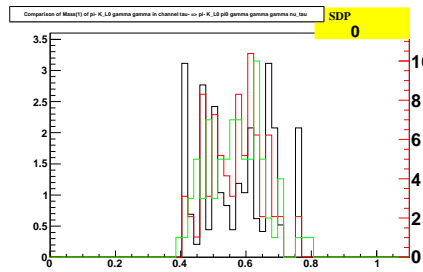
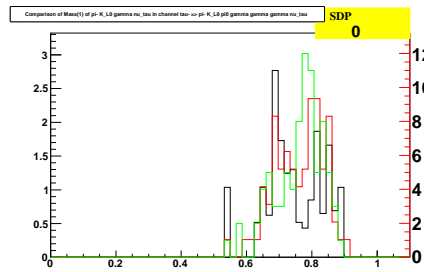
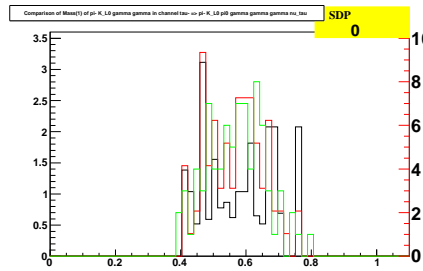
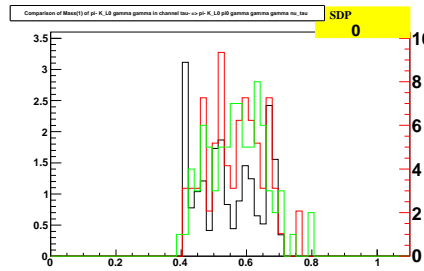
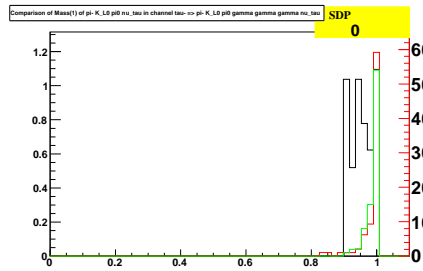
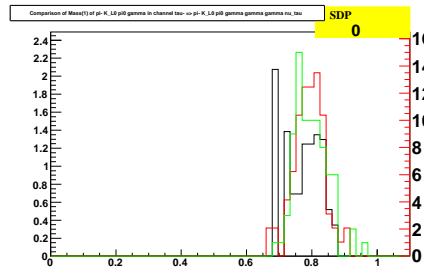
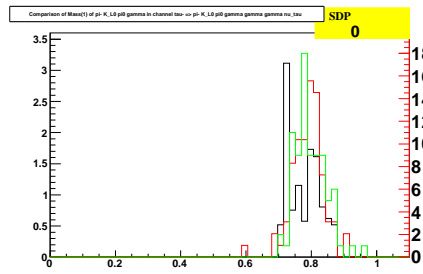
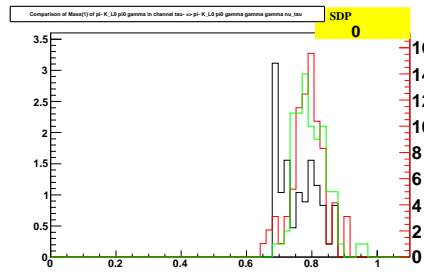


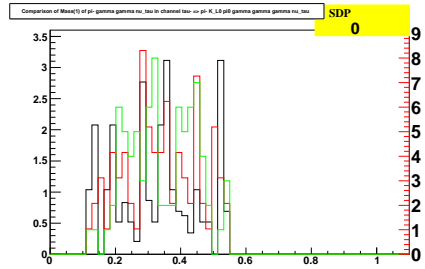
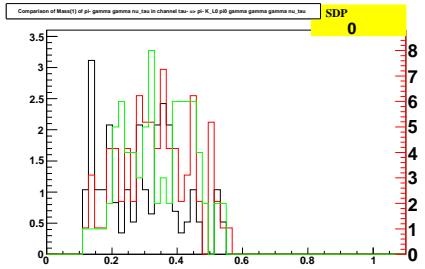
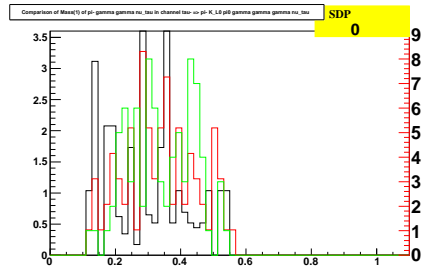
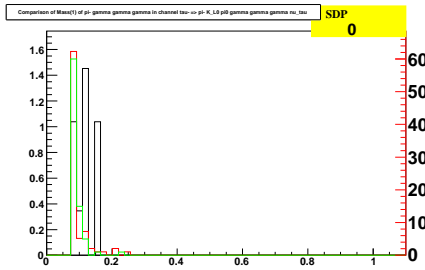
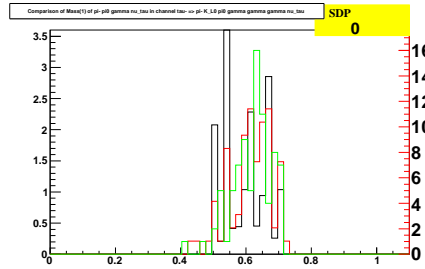
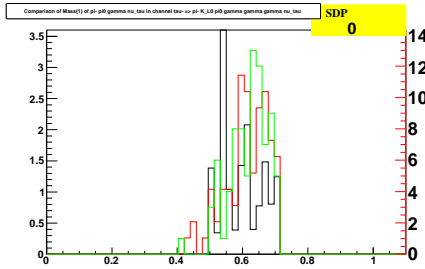
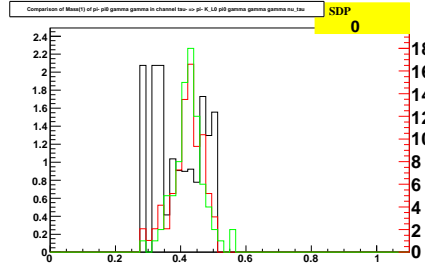
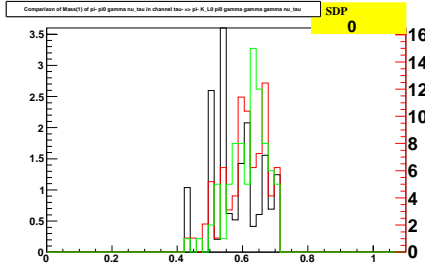
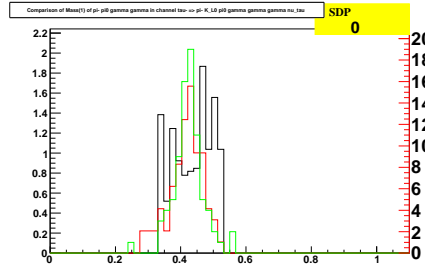
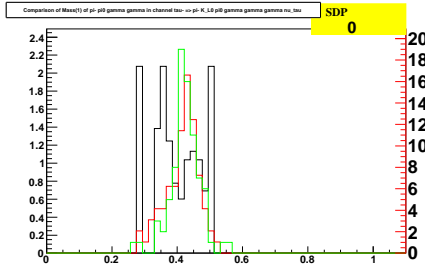




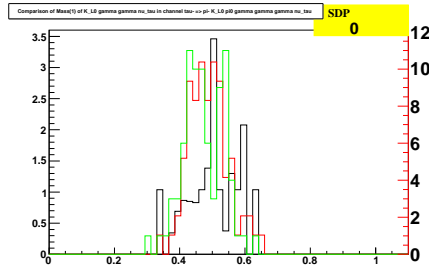
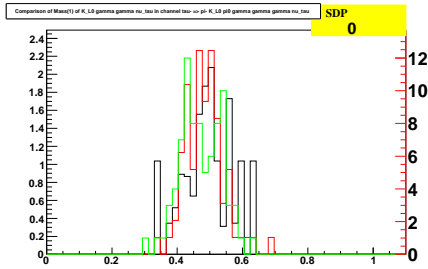
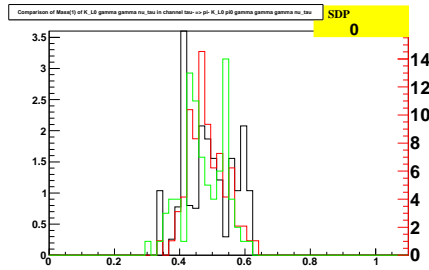
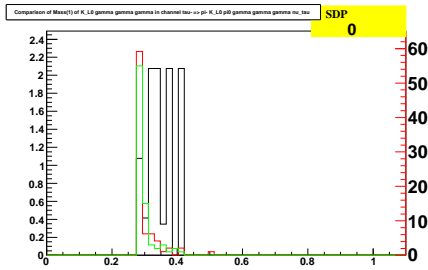
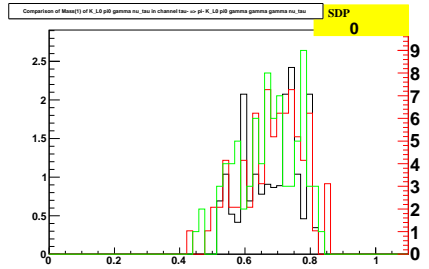
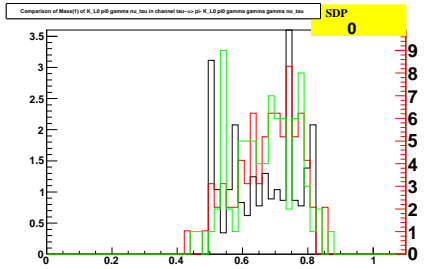
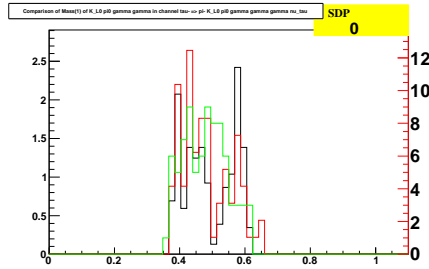
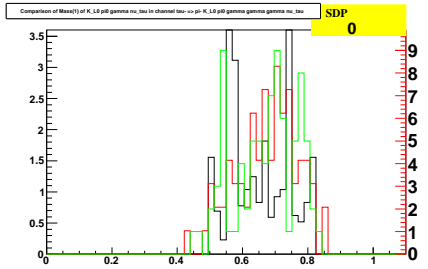
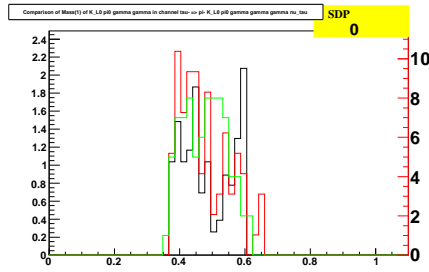
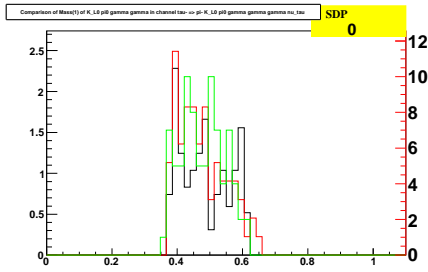


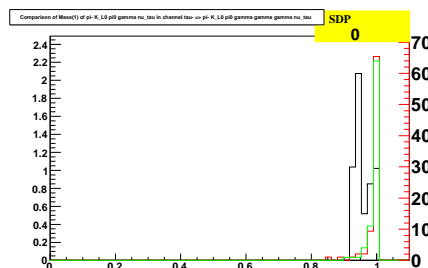
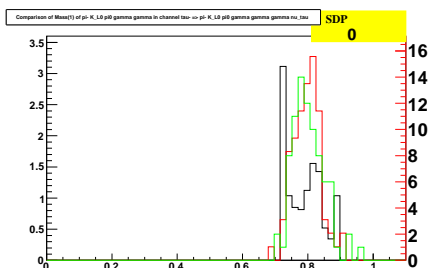
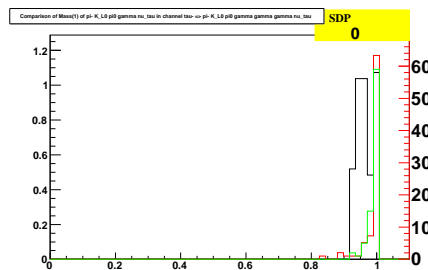
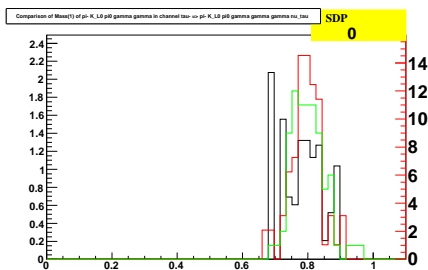
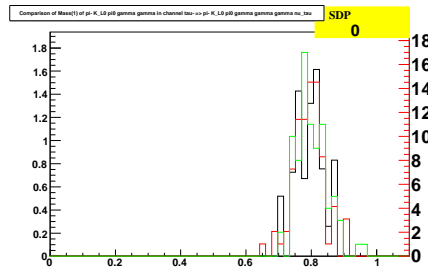
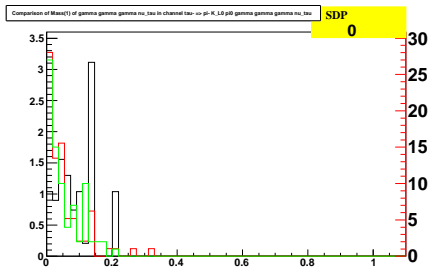
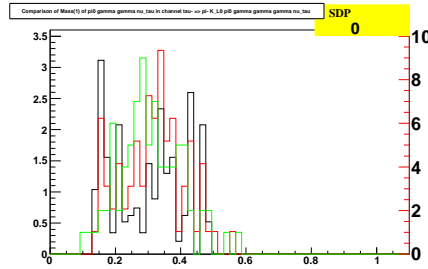
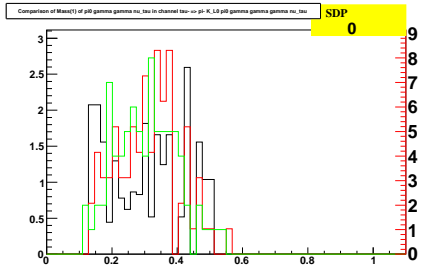
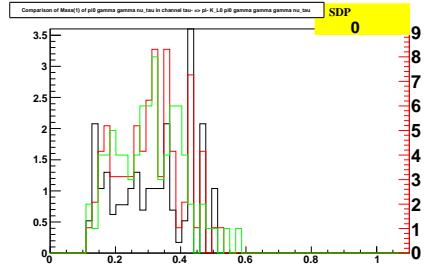
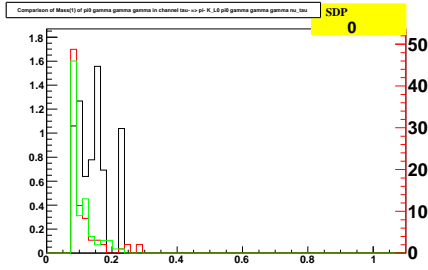


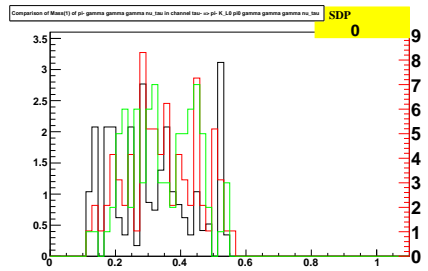
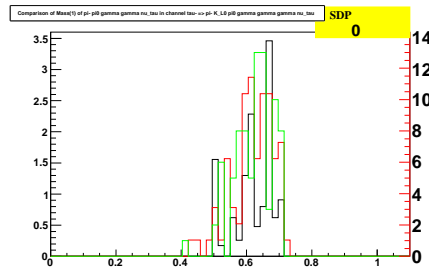
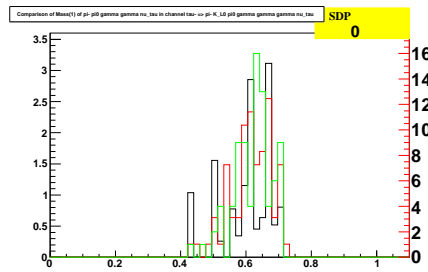
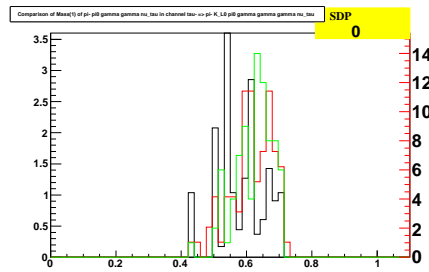
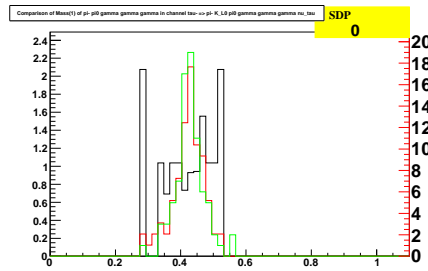
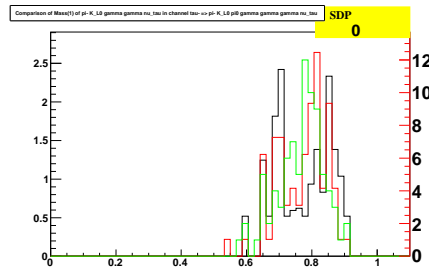
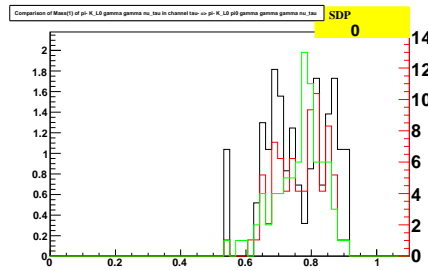
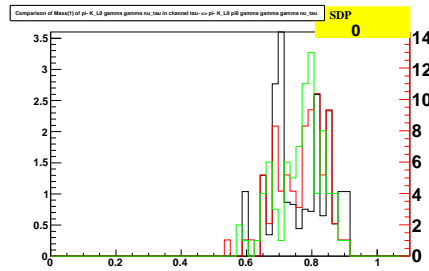
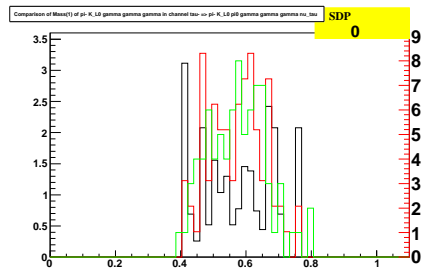
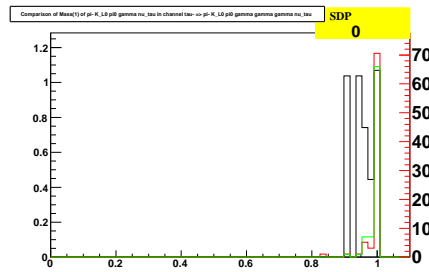


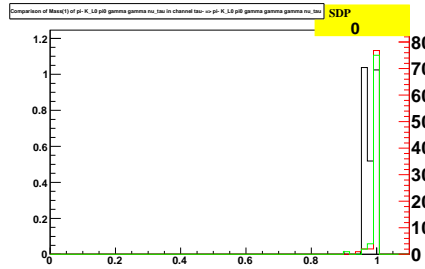
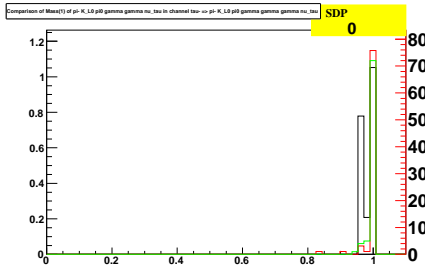
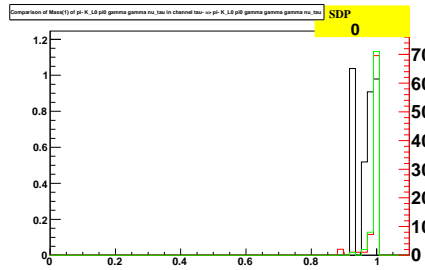
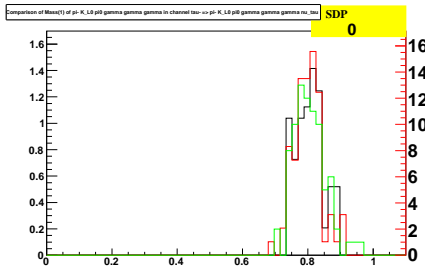
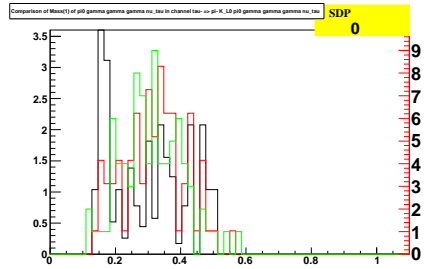
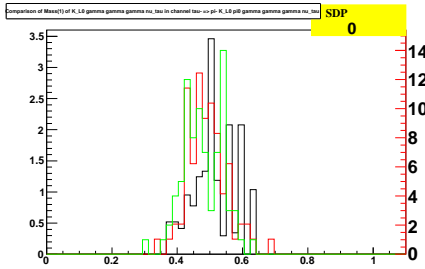
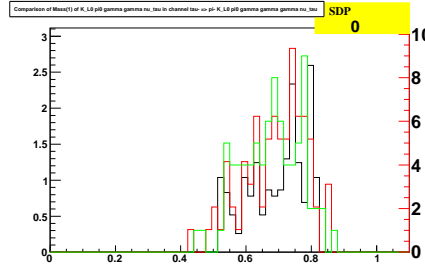
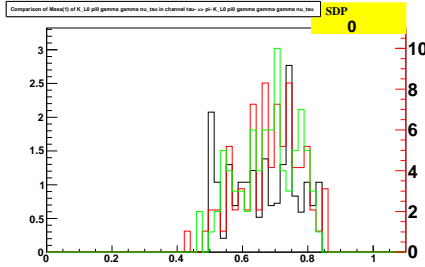
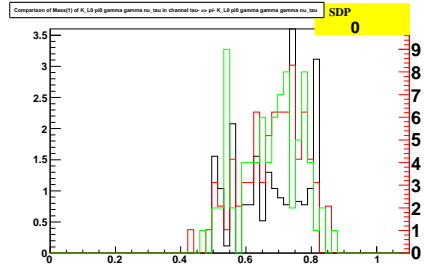
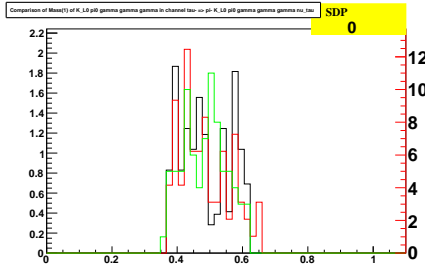


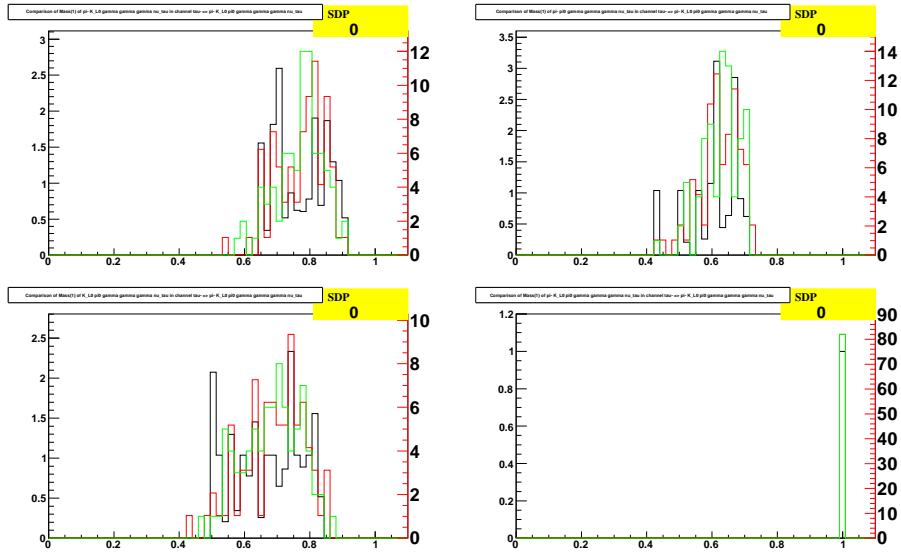








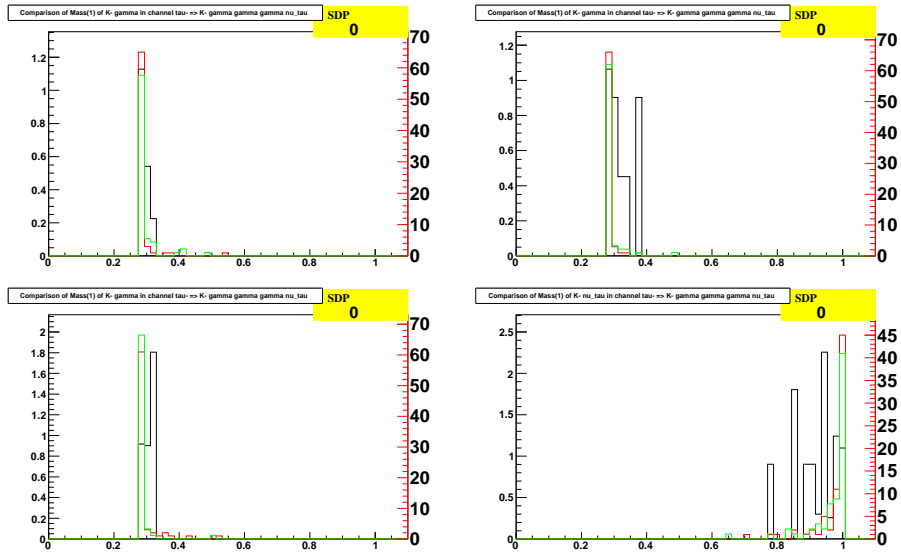


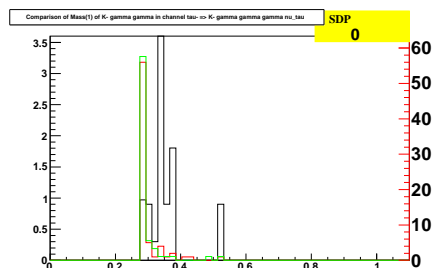
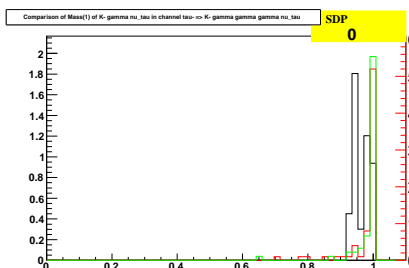
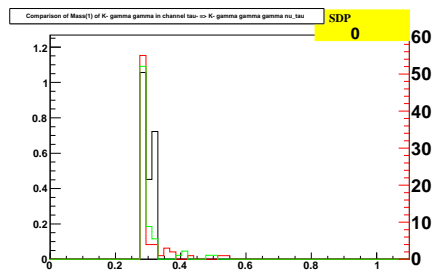
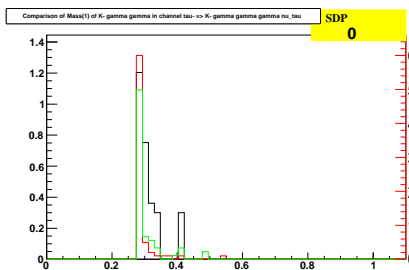
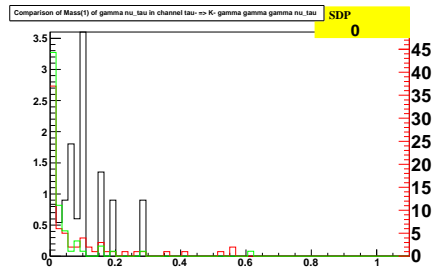
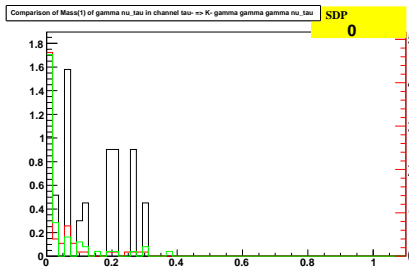
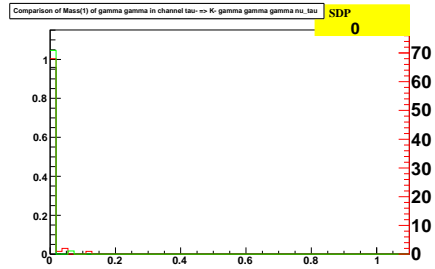
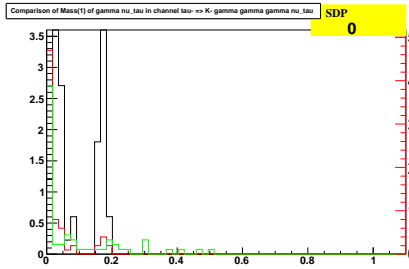
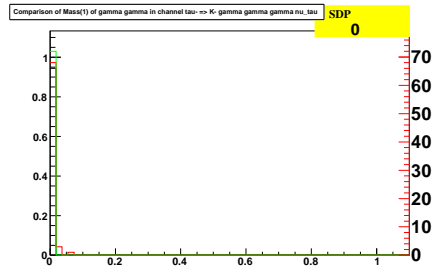
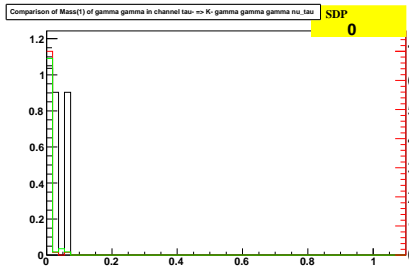


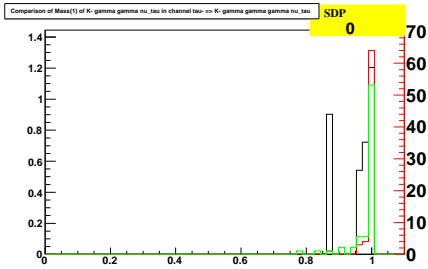
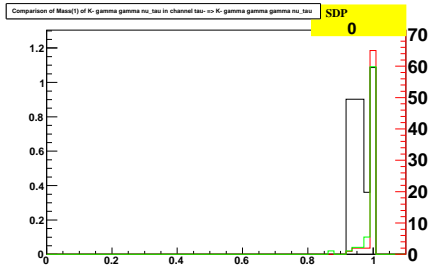
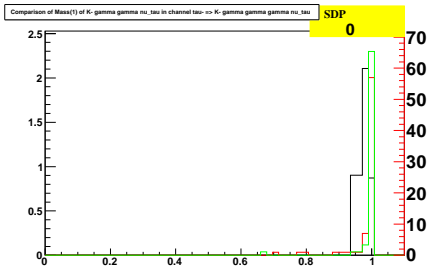
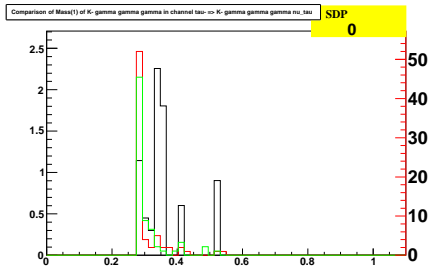
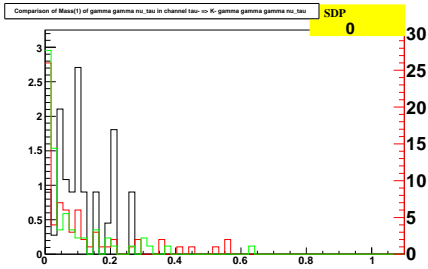
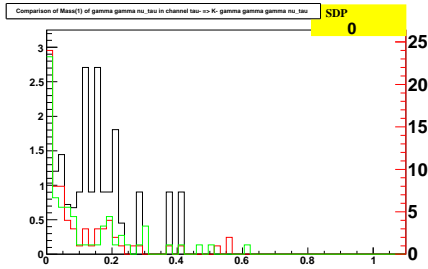
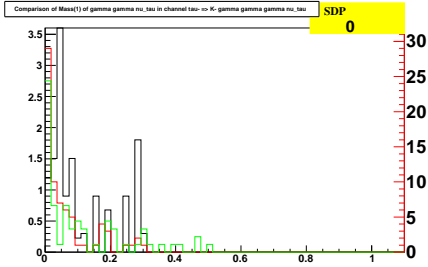
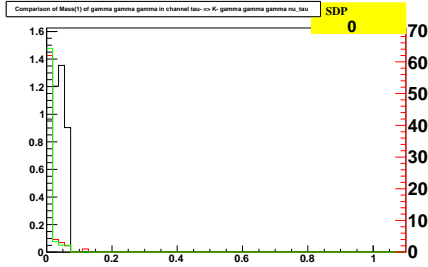
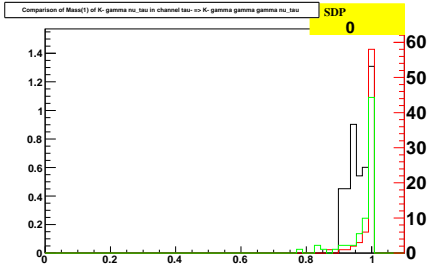
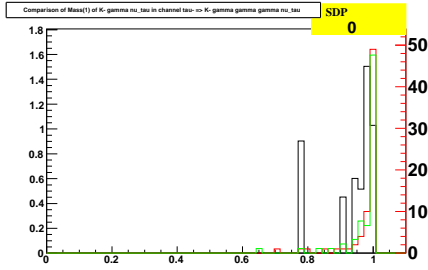
## 91 Decay Channel: $\tau^- \rightarrow K^- \gamma \gamma \nu_\tau$

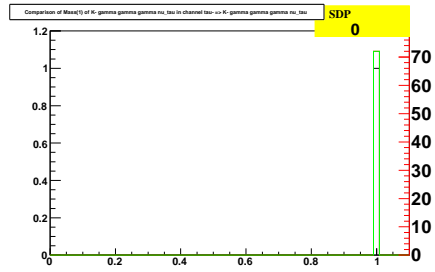
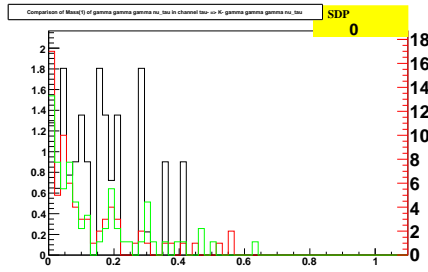
Number of events from generator 1: 72

Number of events from generator 2: 65 (scaled to generator1)





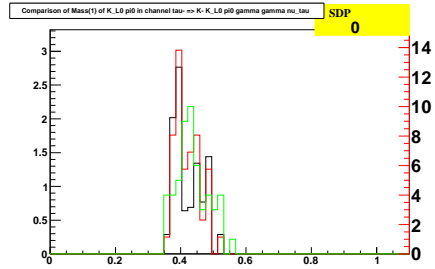
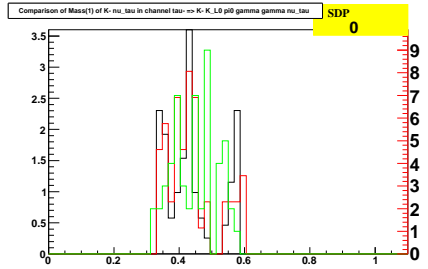
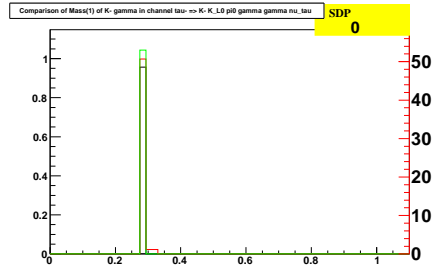
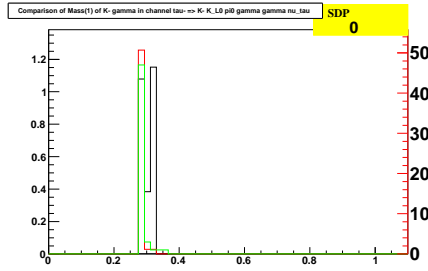
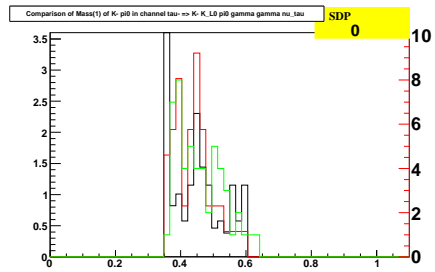
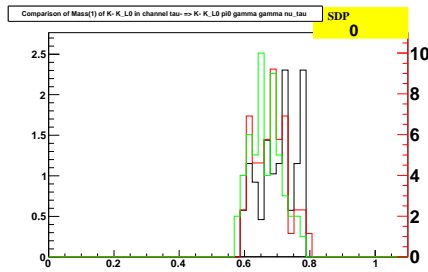




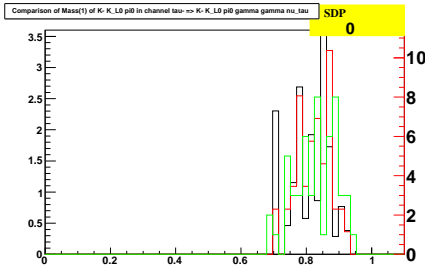
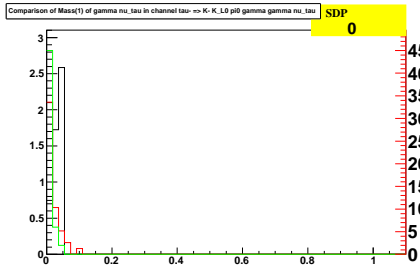
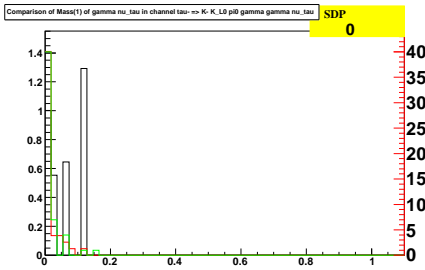
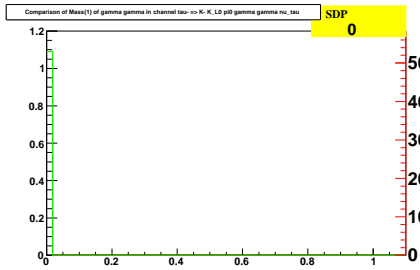
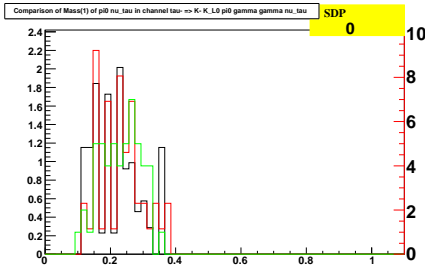
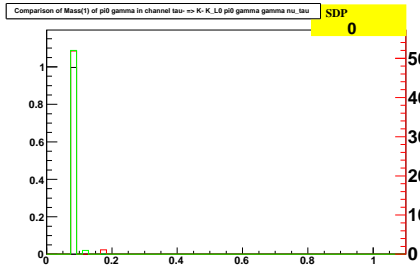
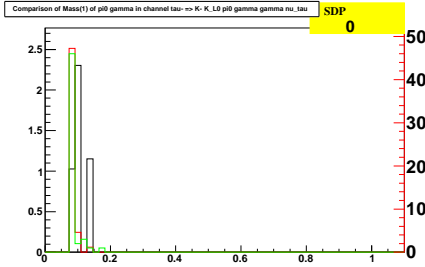
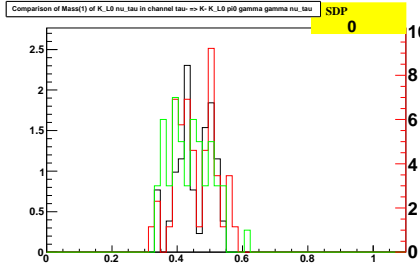
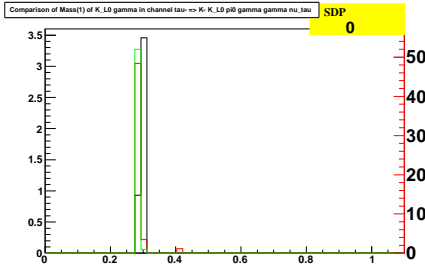
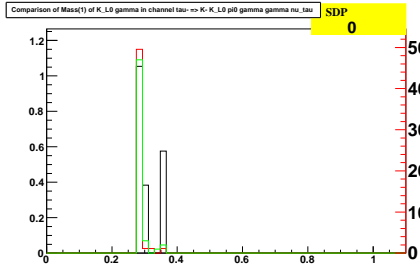
## 92 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \pi^0 \gamma \gamma \nu_\tau$

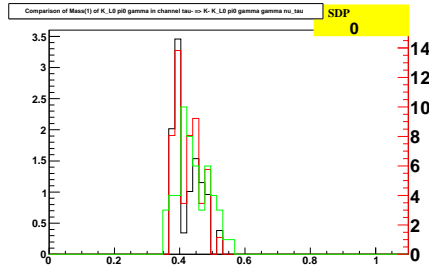
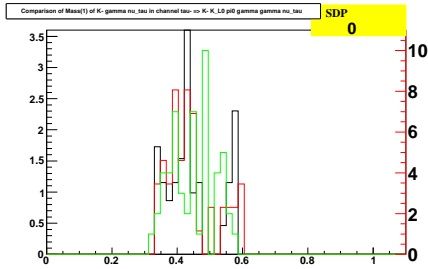
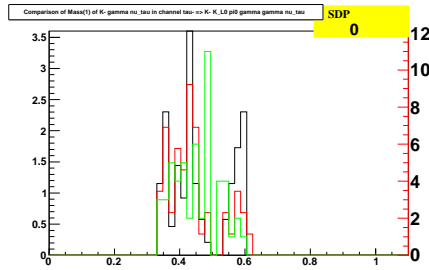
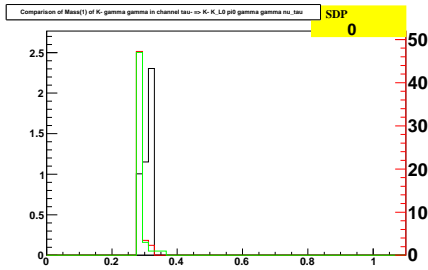
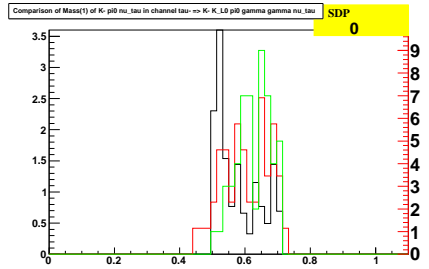
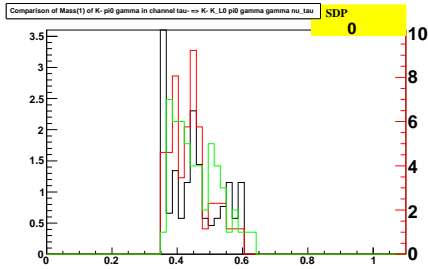
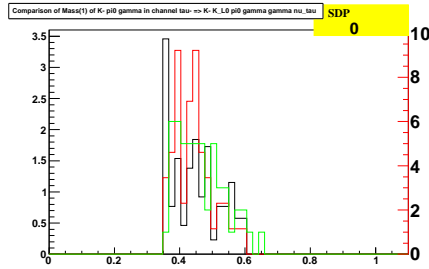
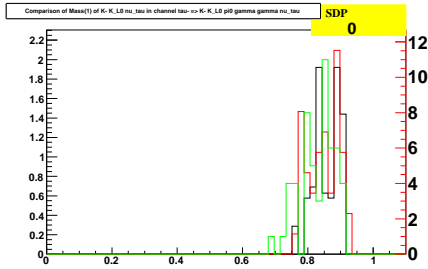
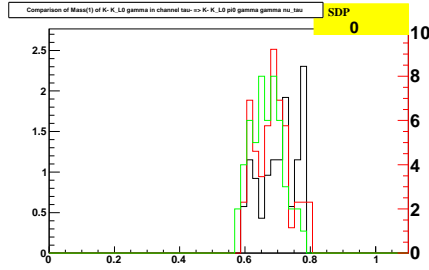
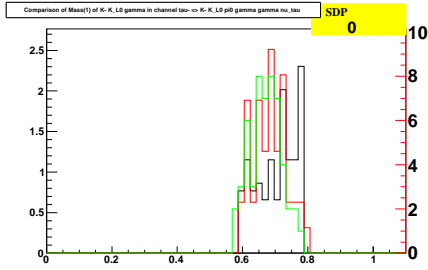
Number of events from generator 1: 46 (scaled to generator2)

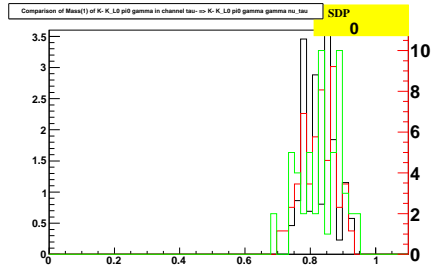
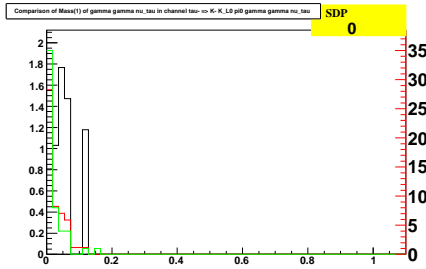
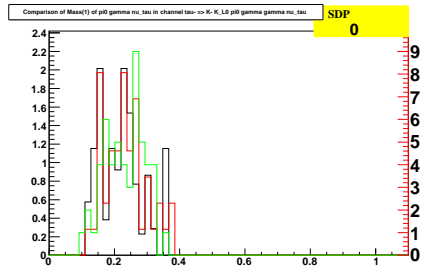
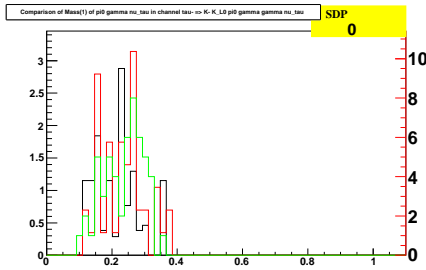
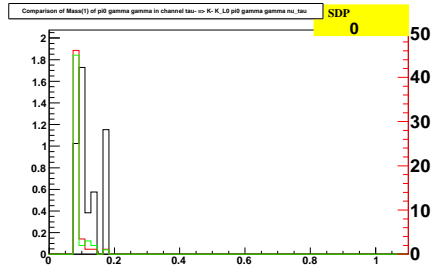
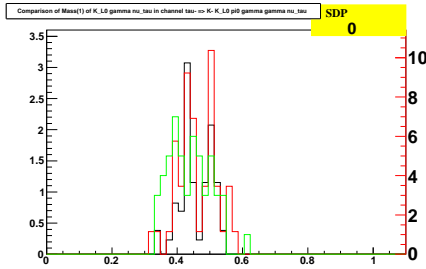
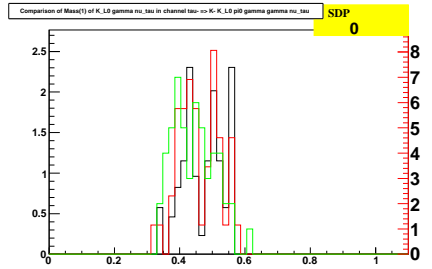
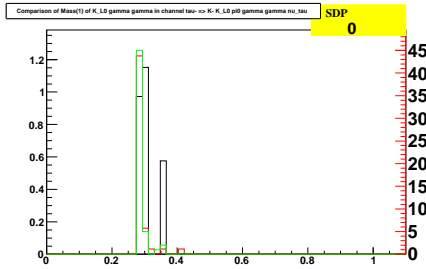
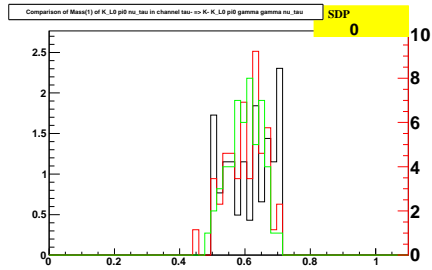
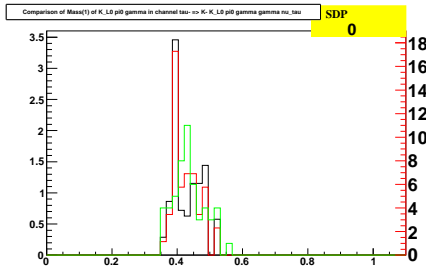
Number of events from generator 2: 53

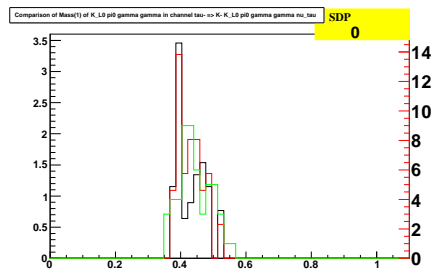
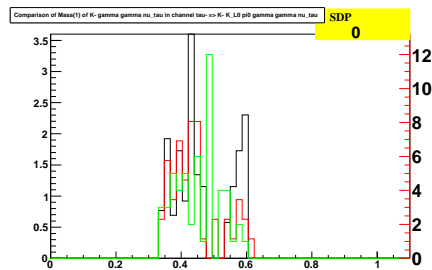
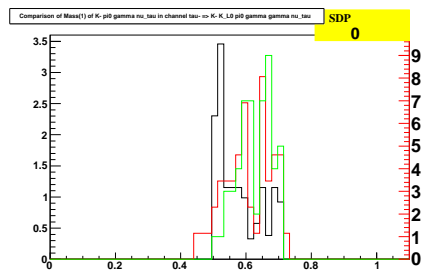
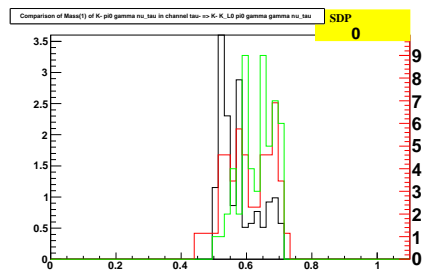
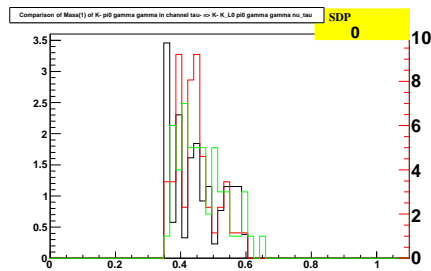
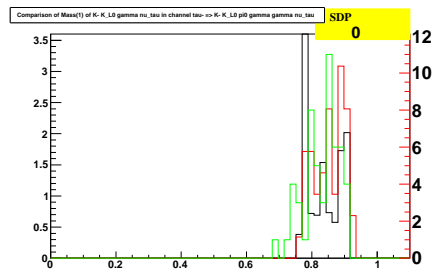
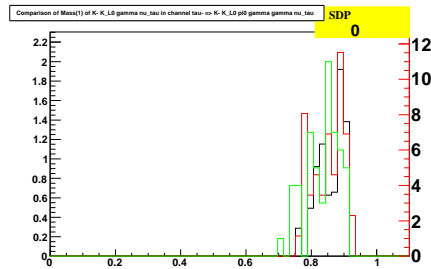
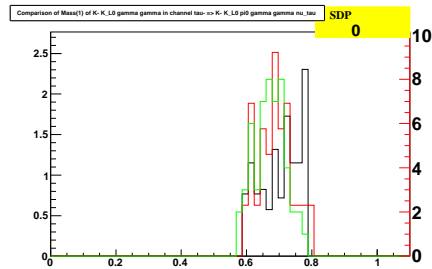
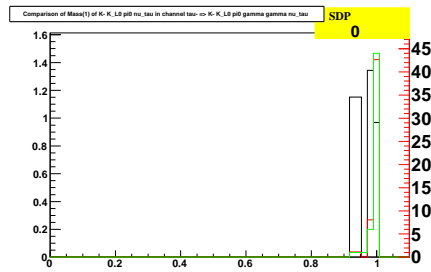
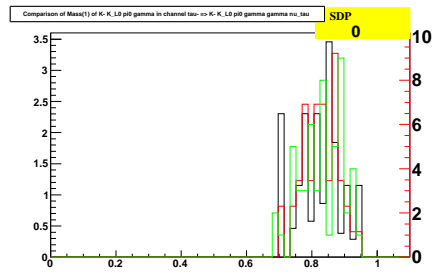


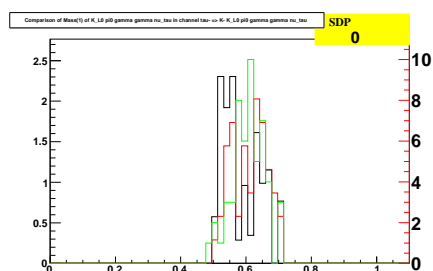
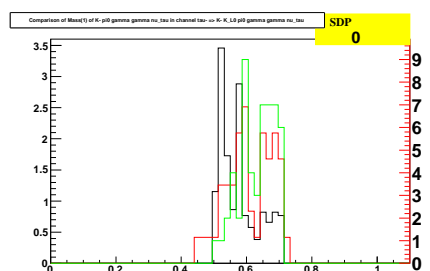
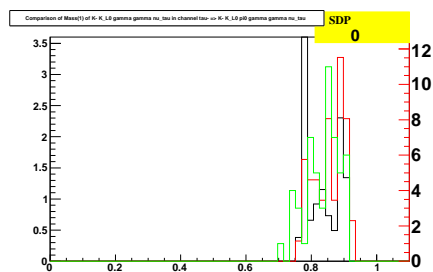
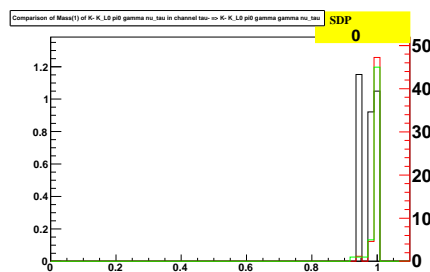
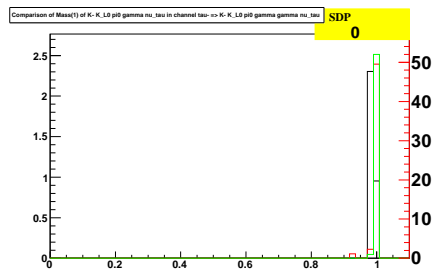
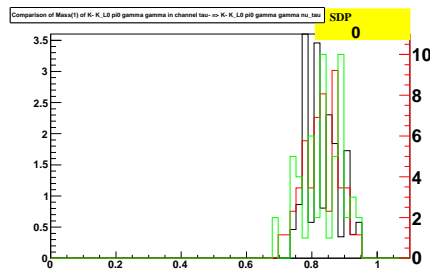
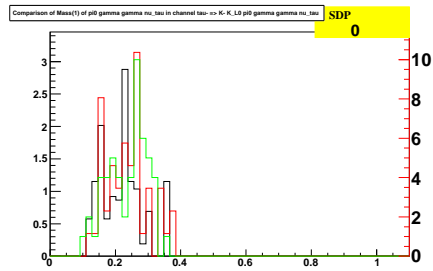
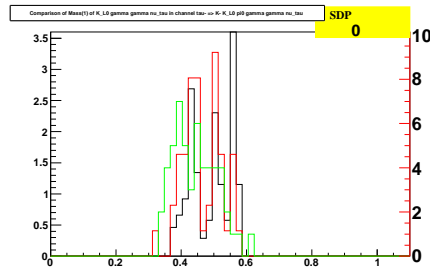
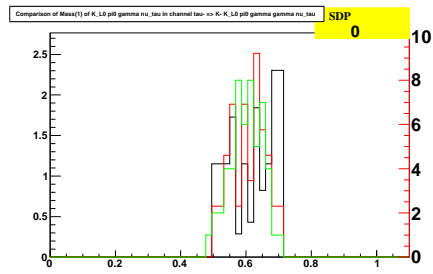
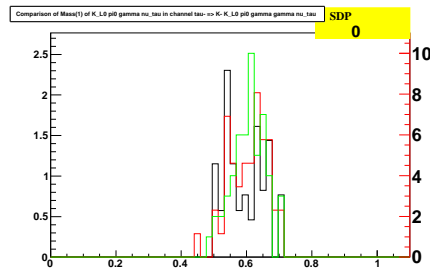


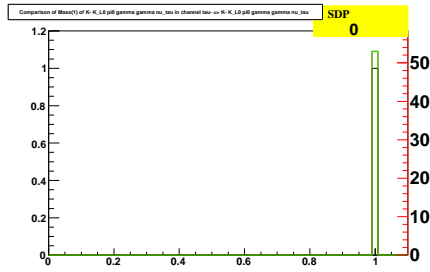








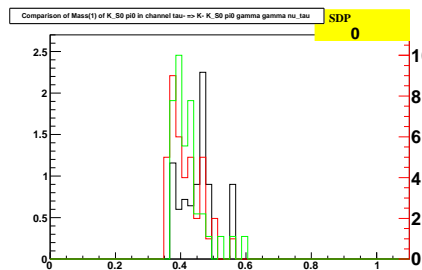
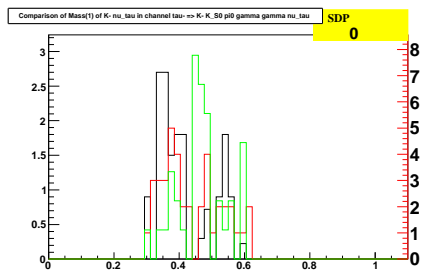
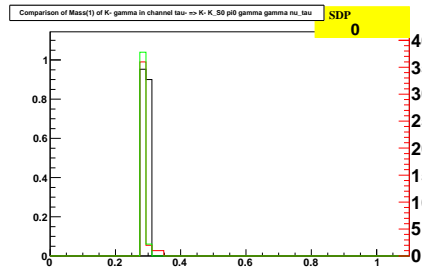
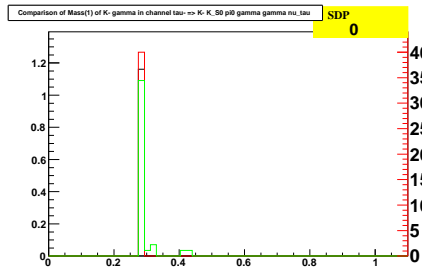
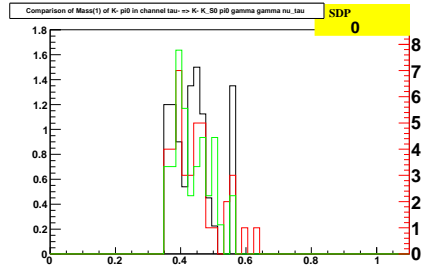
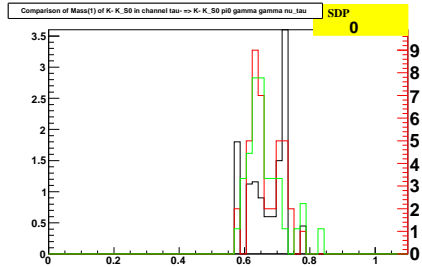


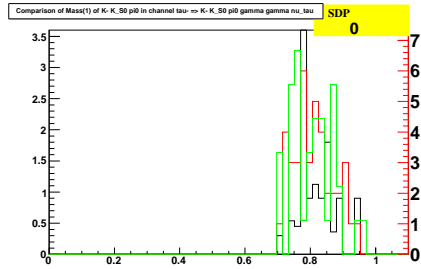
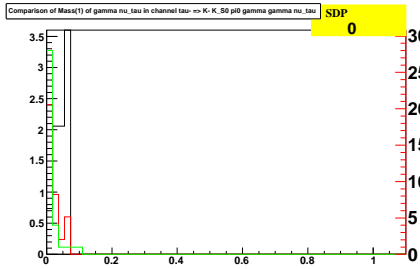
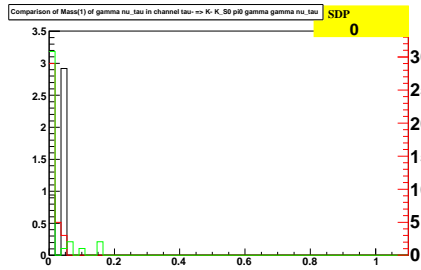
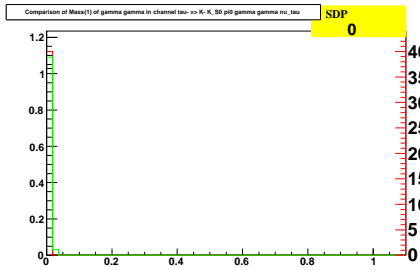
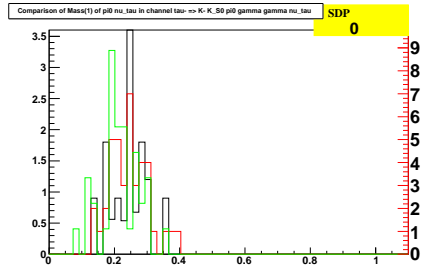
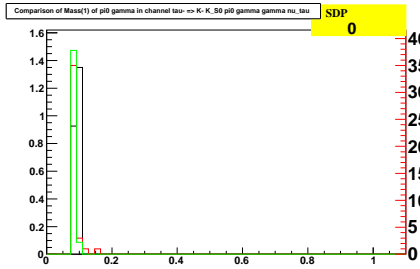
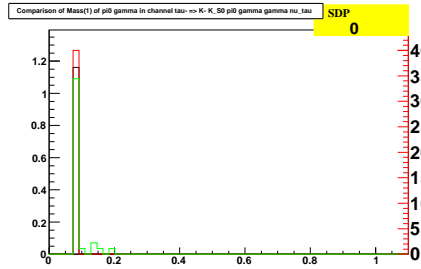
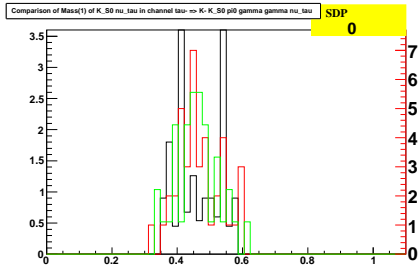
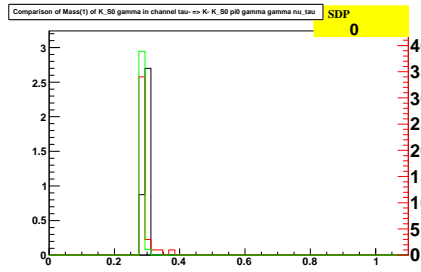
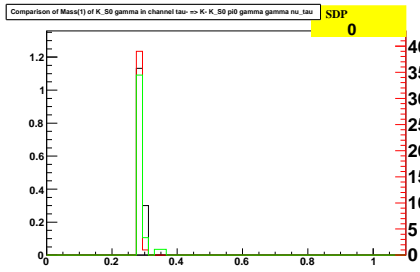


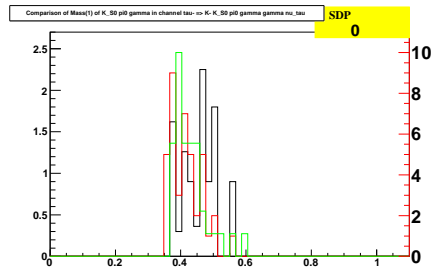
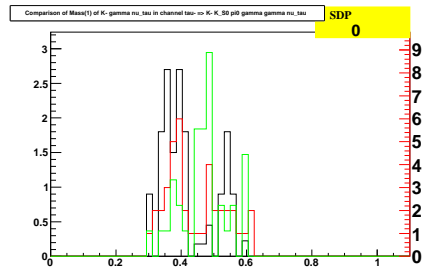
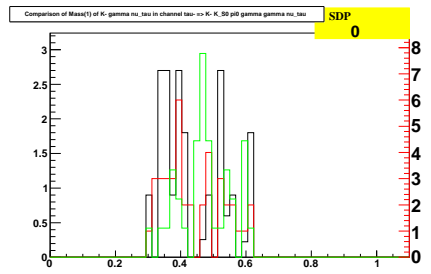
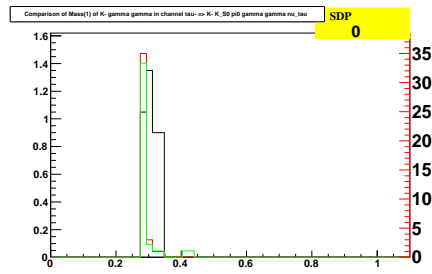
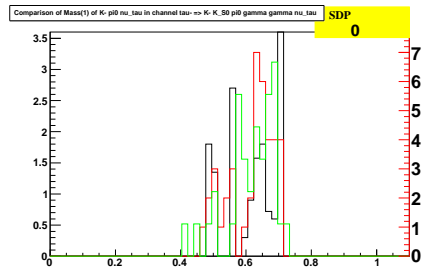
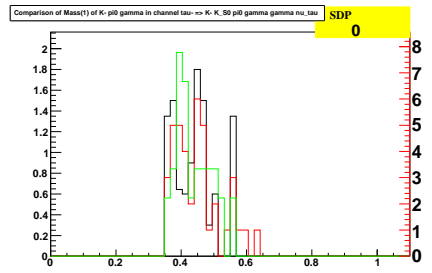
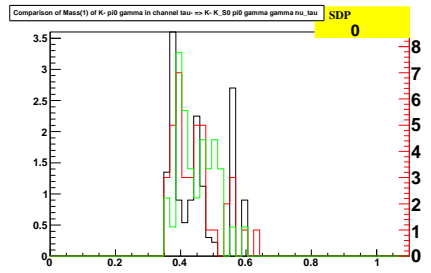
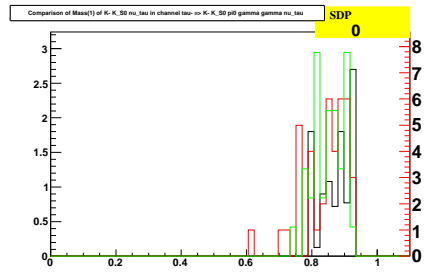
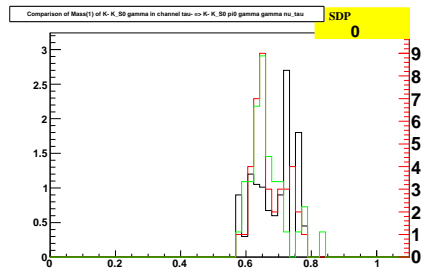
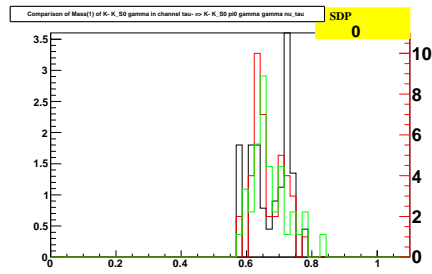
### 93 Decay Channel: $\tau^- \rightarrow K^- K_S^0 \pi^0 \gamma \gamma \nu_\tau$

Number of events from generator 1: 40

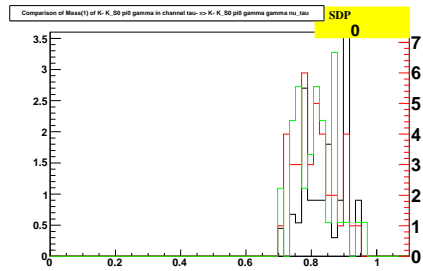
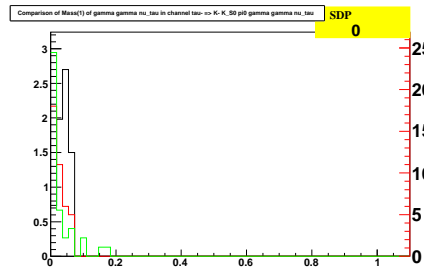
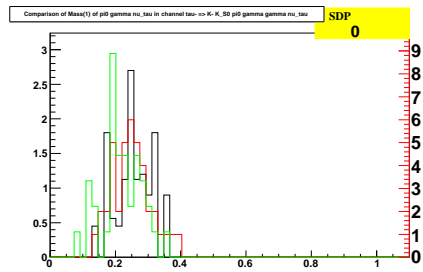
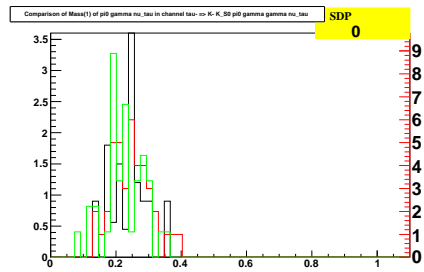
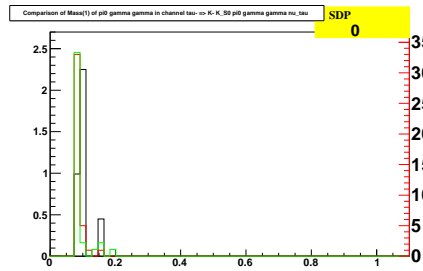
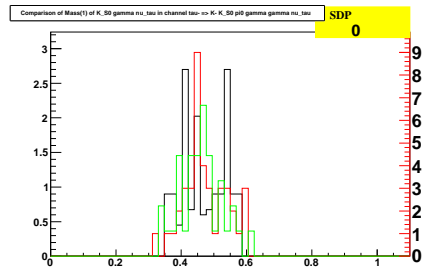
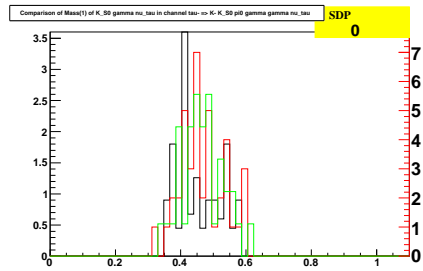
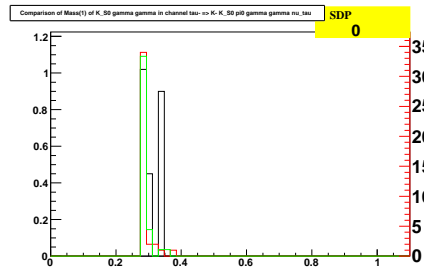
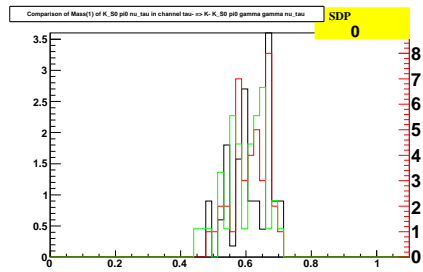
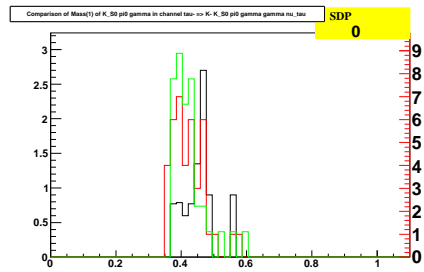
Number of events from generator 2: 36 (scaled to generator1)

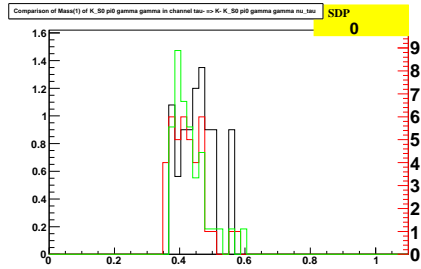
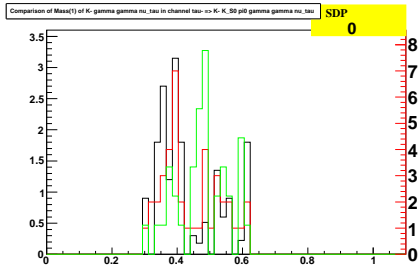
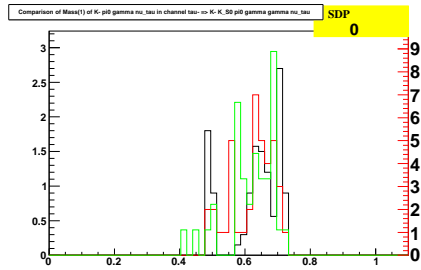
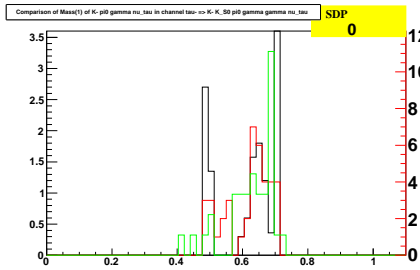
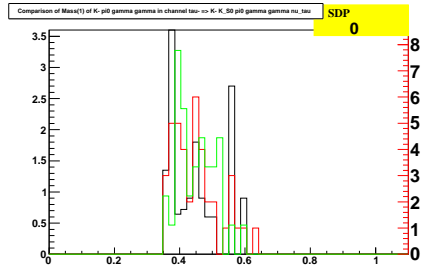
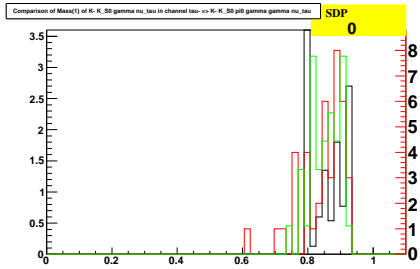
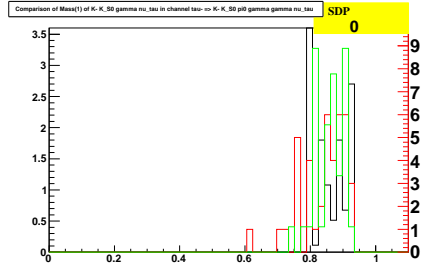
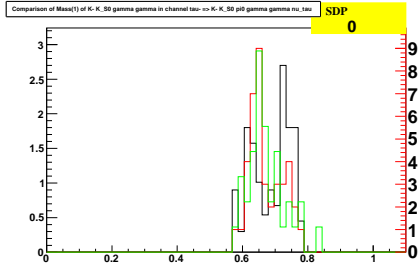
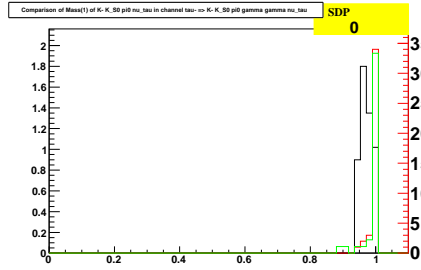
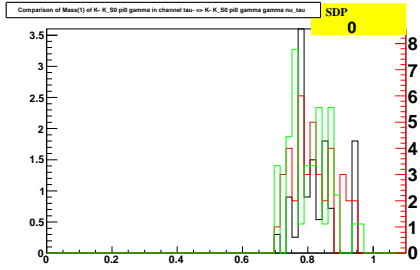


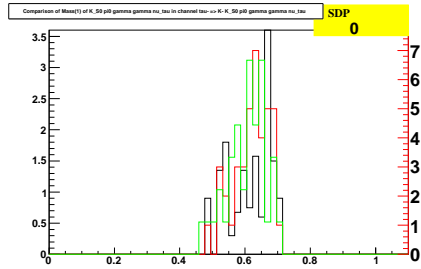
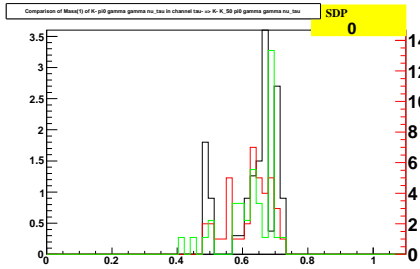
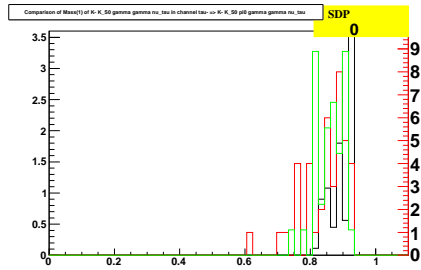
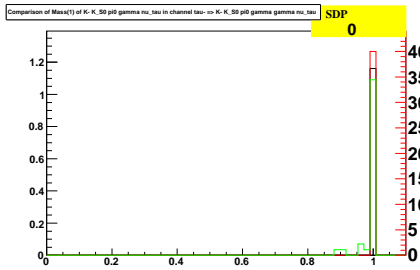
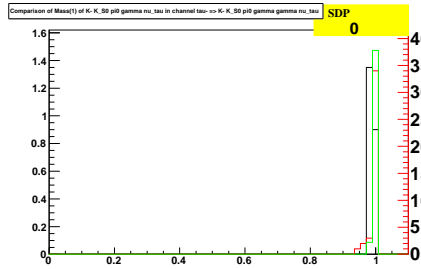
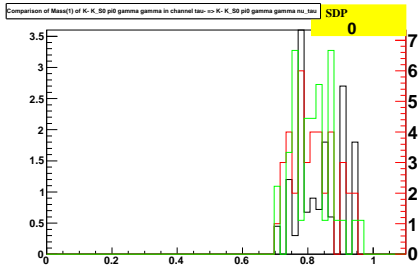
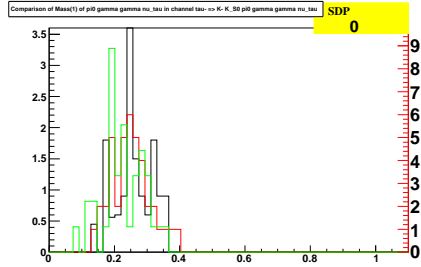
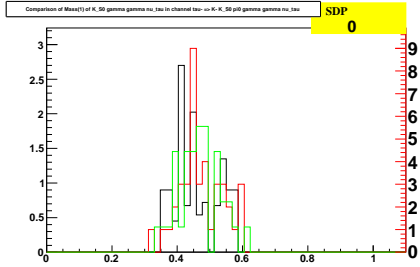
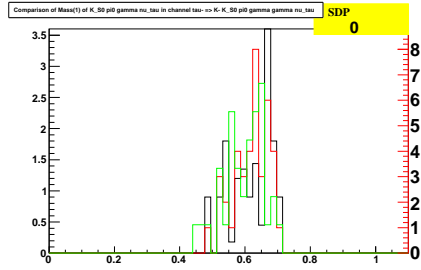
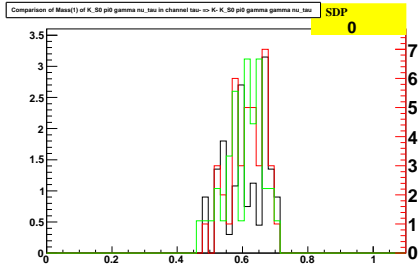


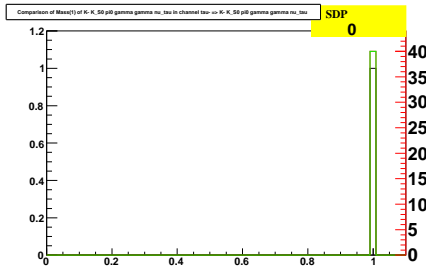








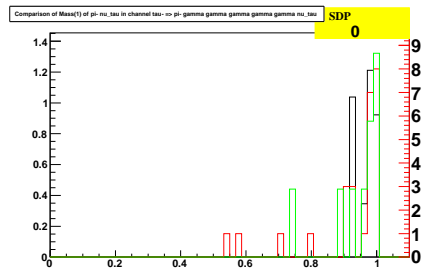
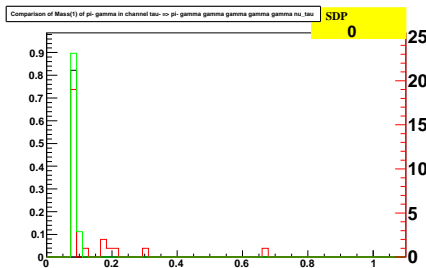
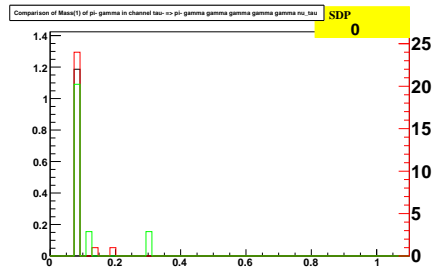
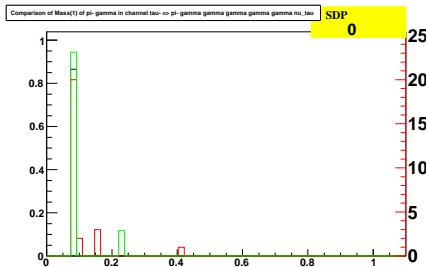
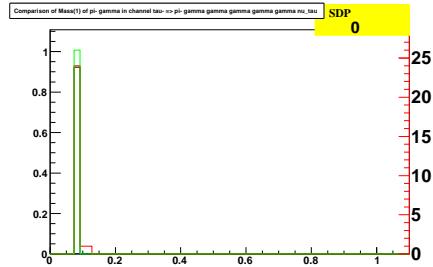
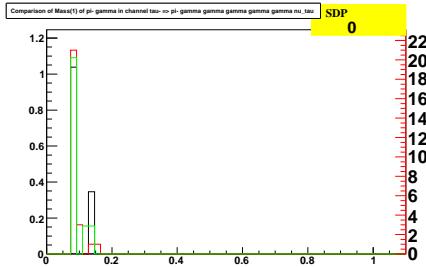


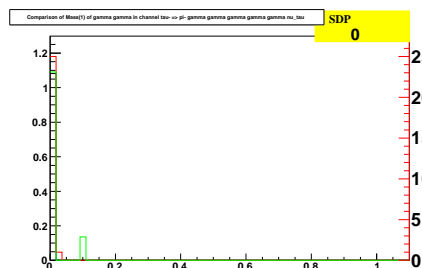
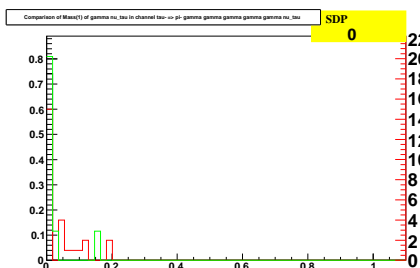
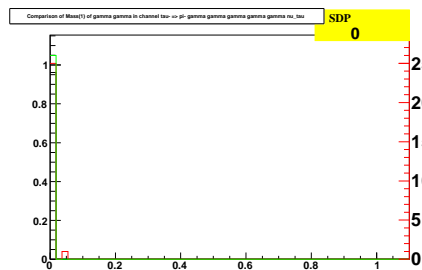
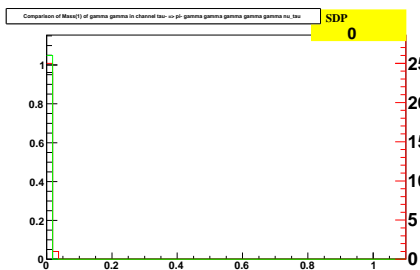
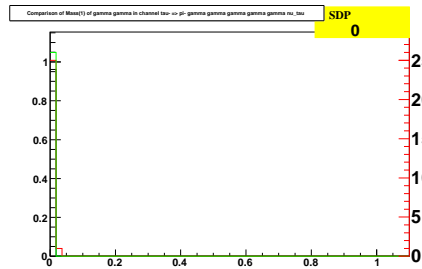
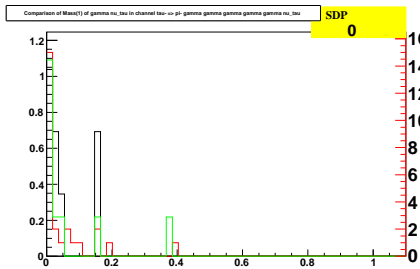
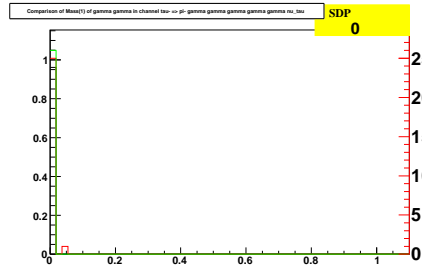
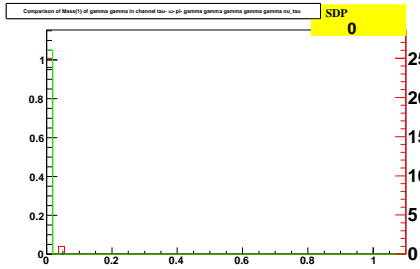
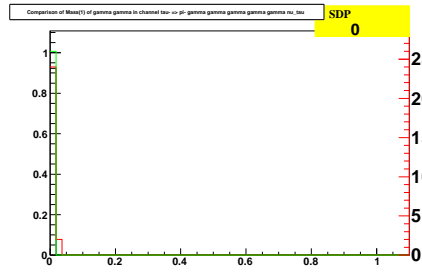
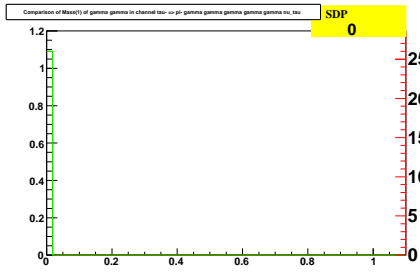


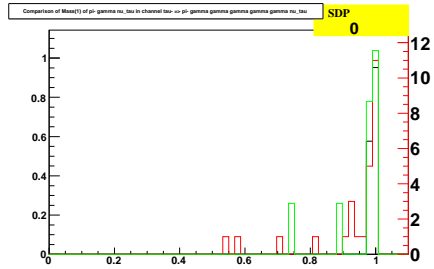
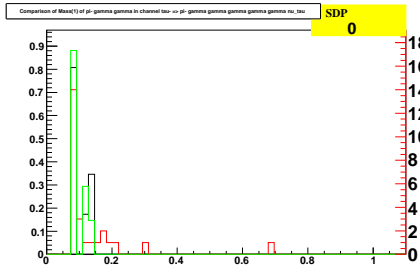
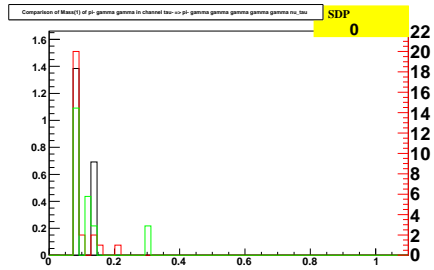
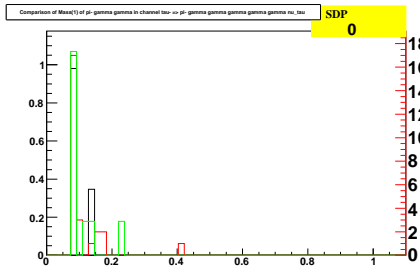
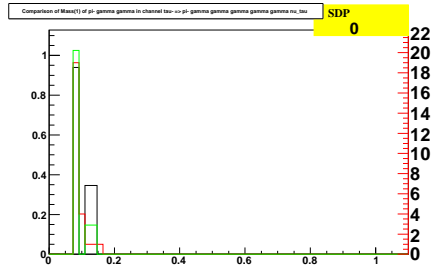
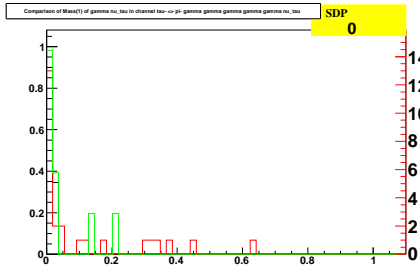
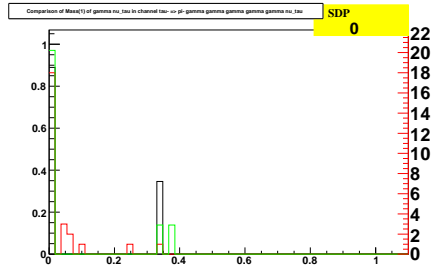
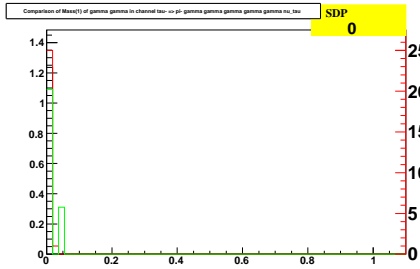
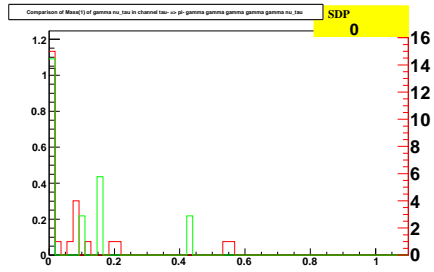
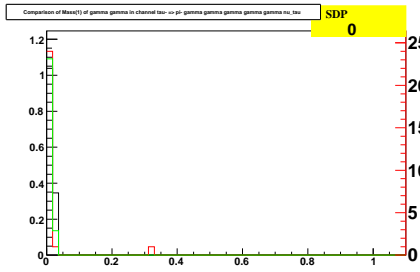
## 94 Decay Channel: $\tau^- \rightarrow \pi^- \gamma \gamma \gamma \nu_\tau$

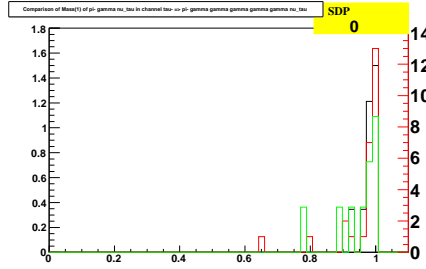
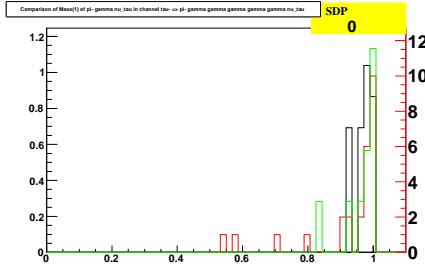
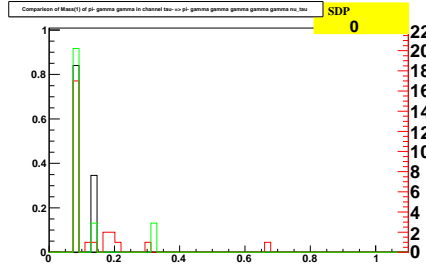
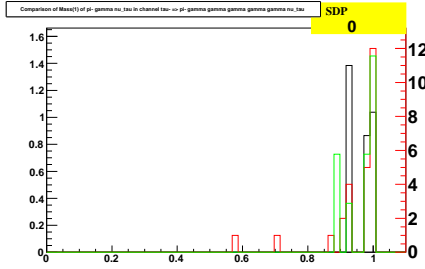
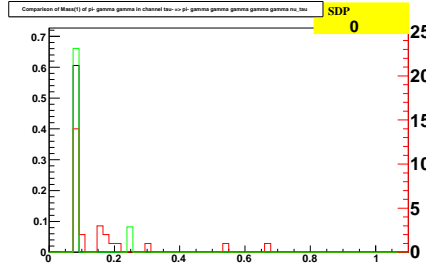
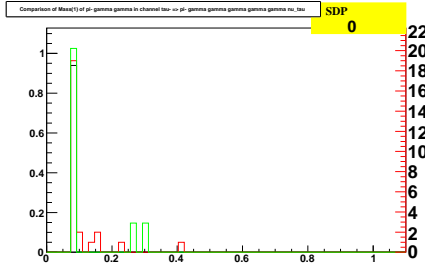
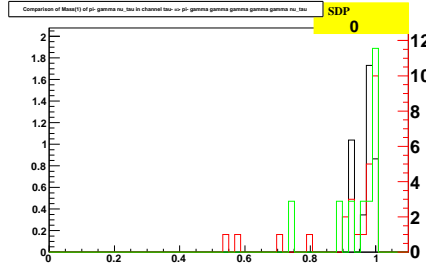
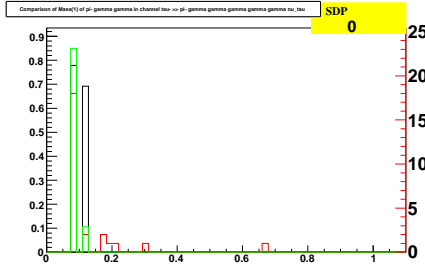
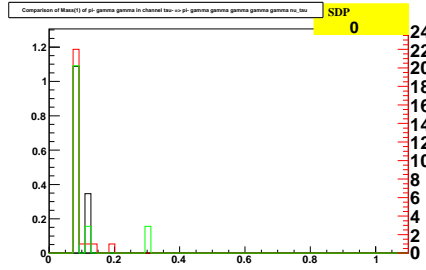
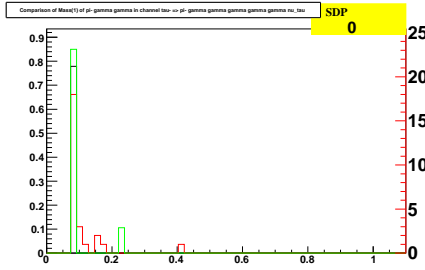
Number of events from generator 1: 26

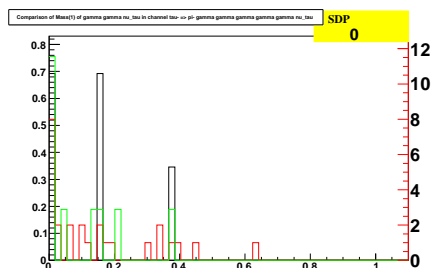
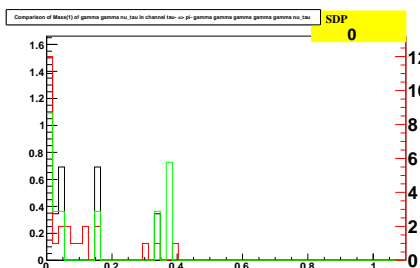
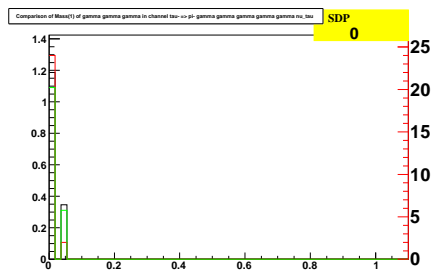
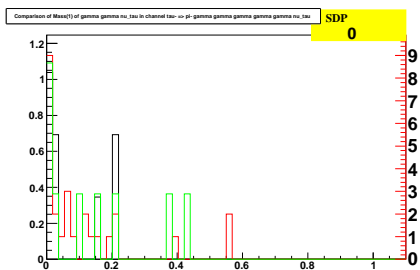
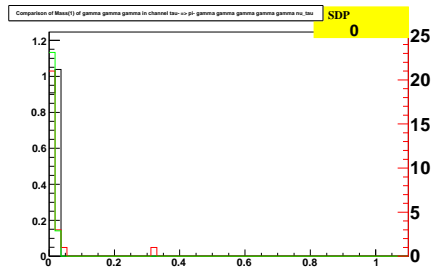
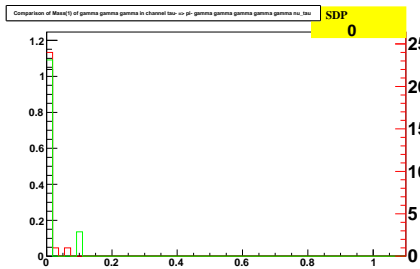
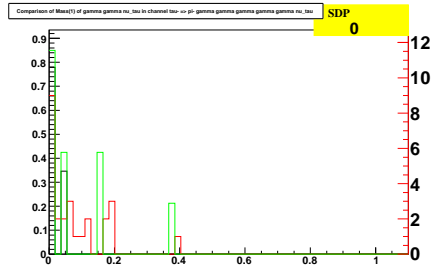
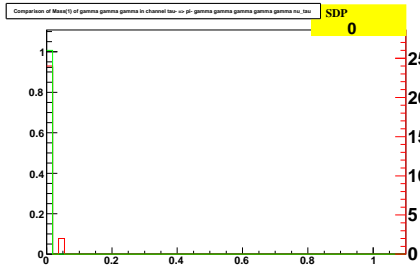
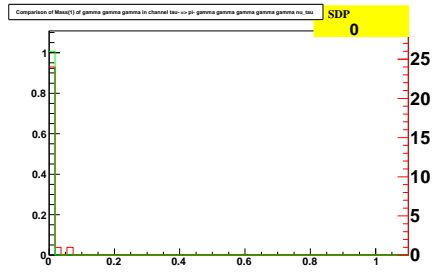
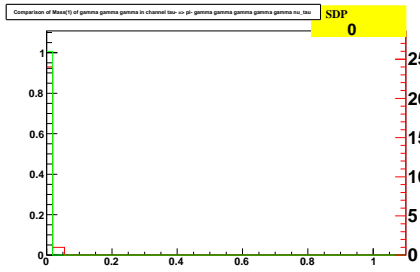
Number of events from generator 2: 9 (scaled to generator 1)



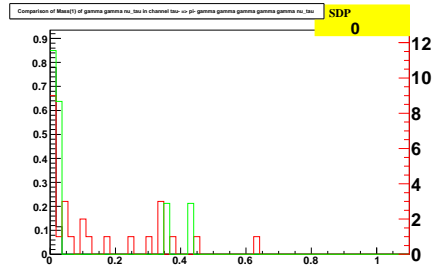
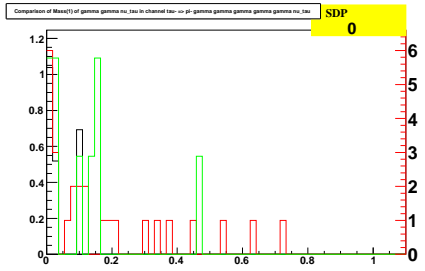
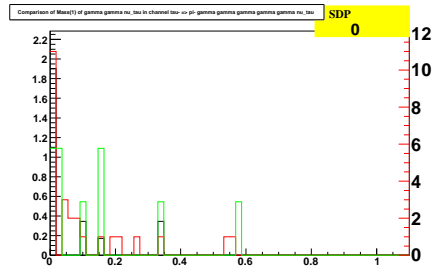
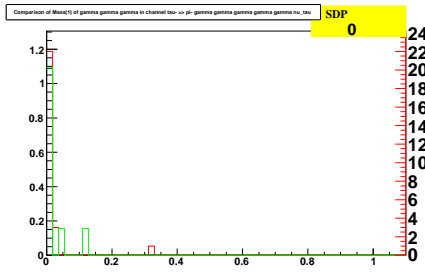
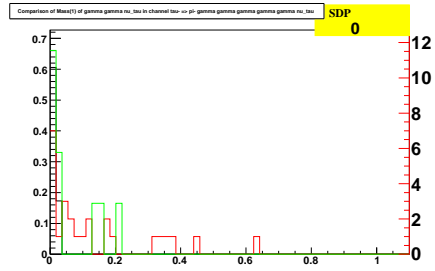
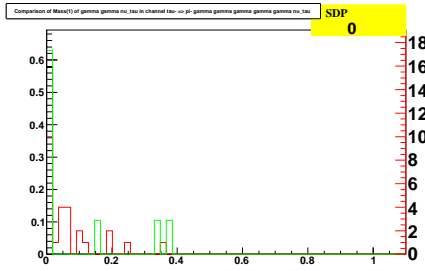
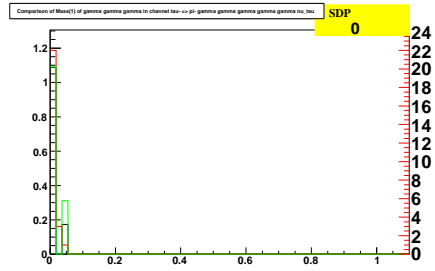
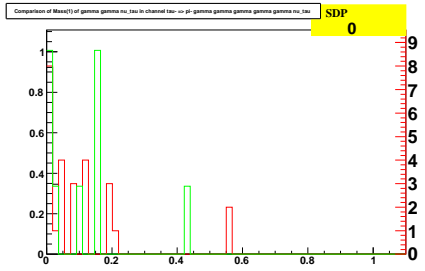
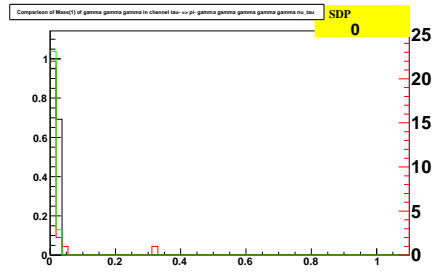
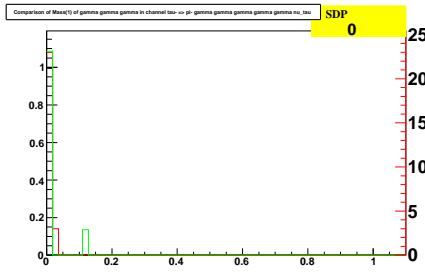


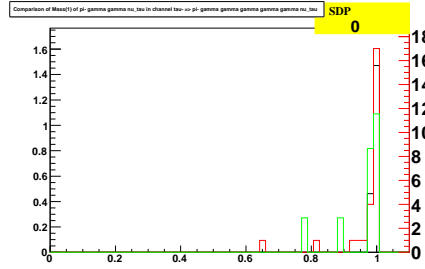
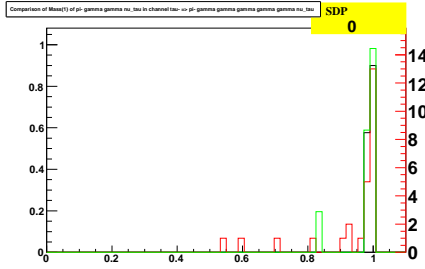
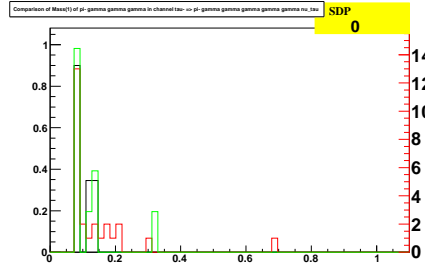
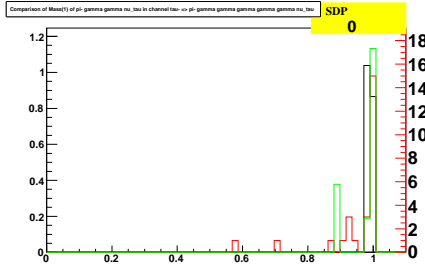
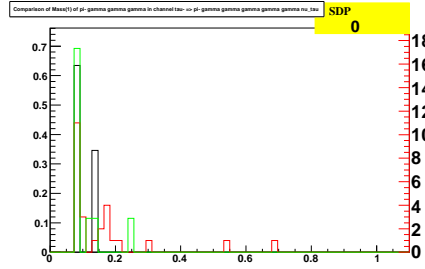
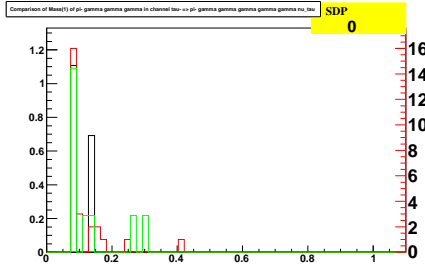
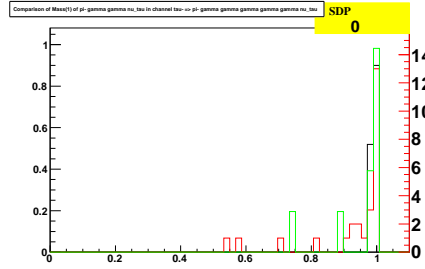
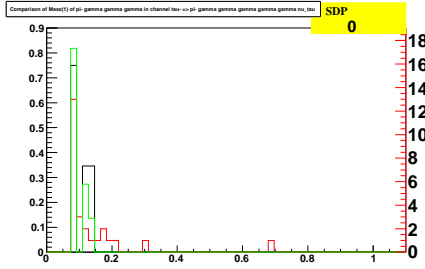
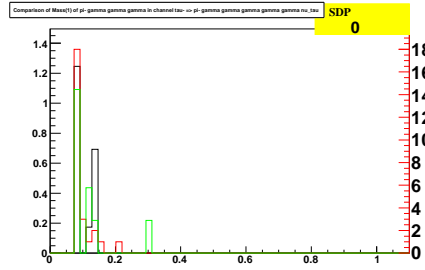
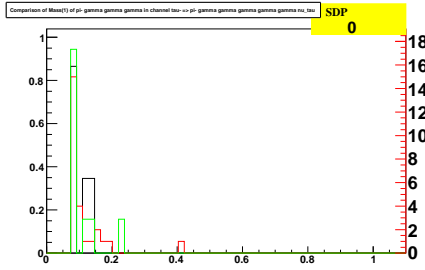


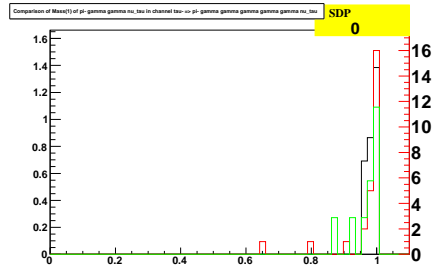
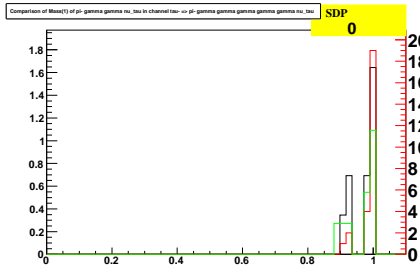
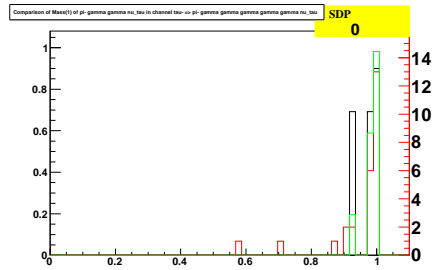
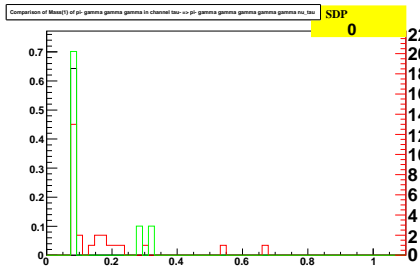
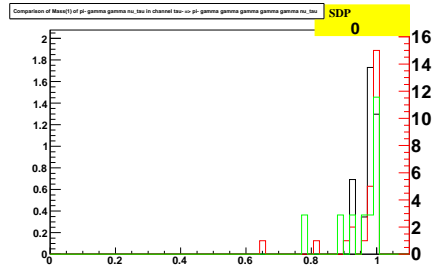
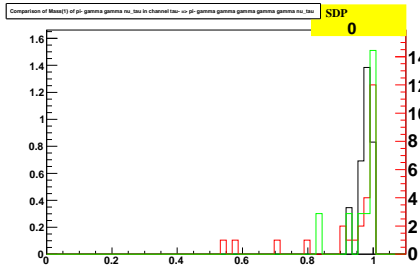
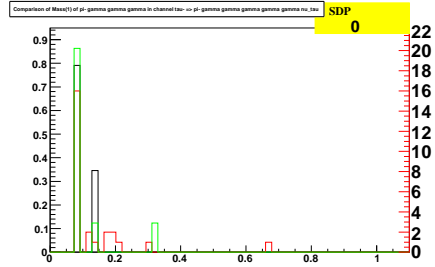
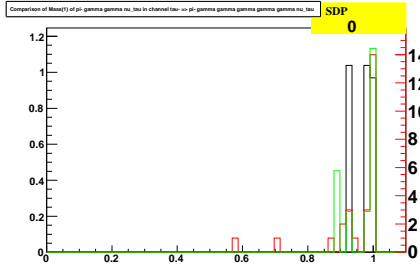
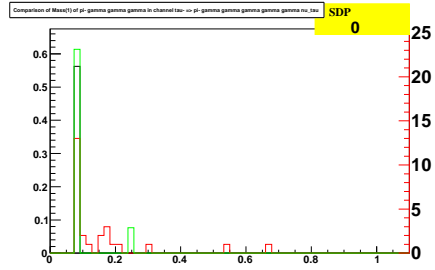
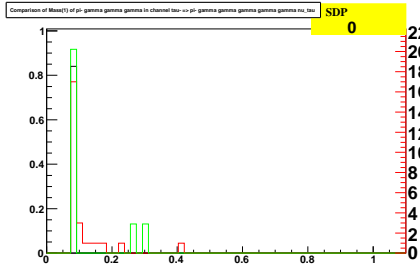


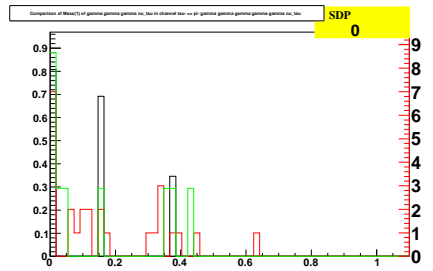
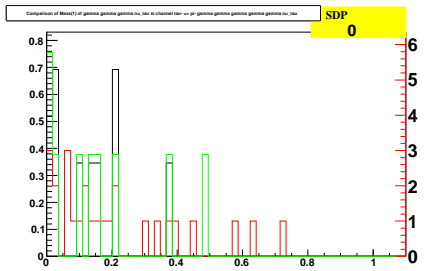
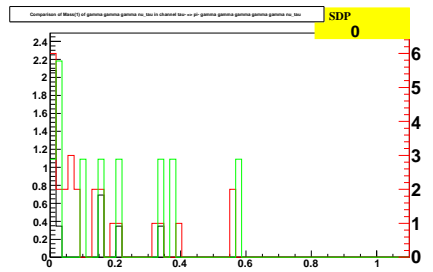
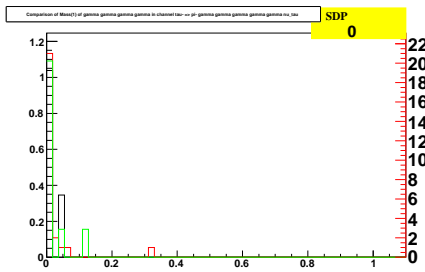
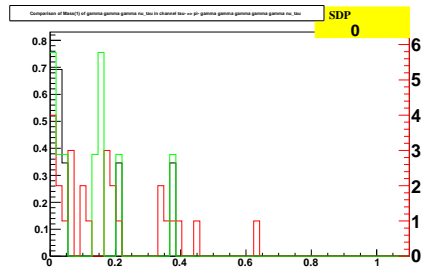
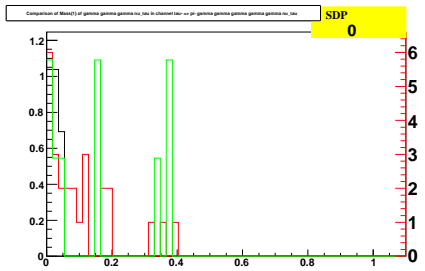
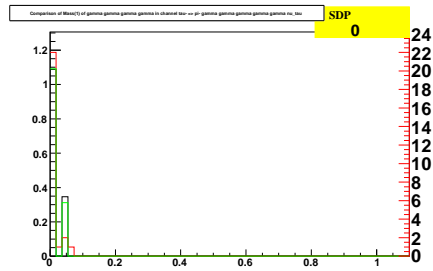
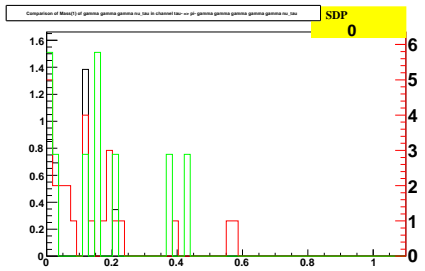
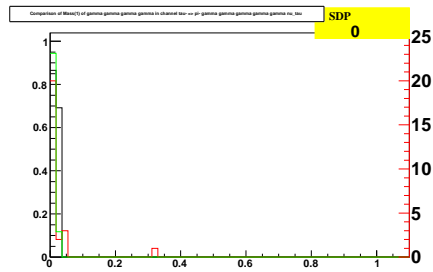
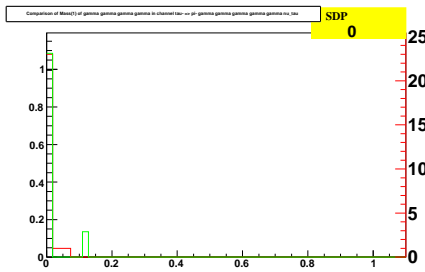


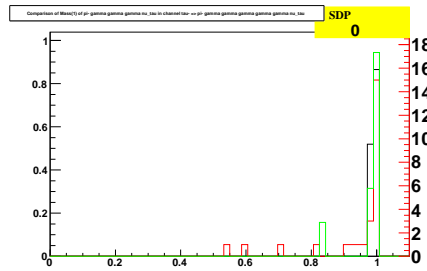
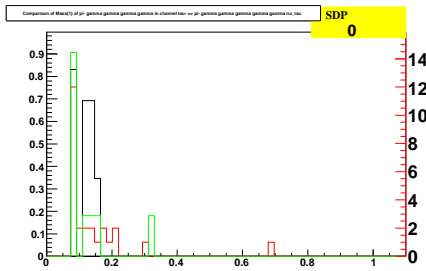
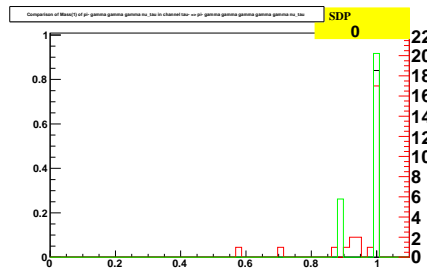
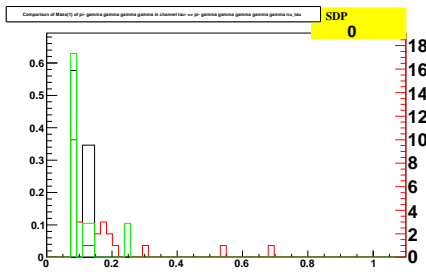
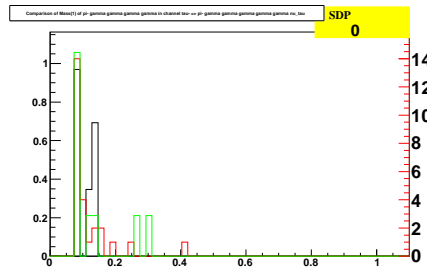
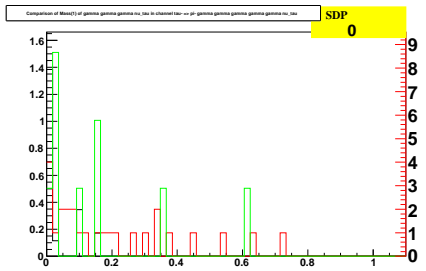
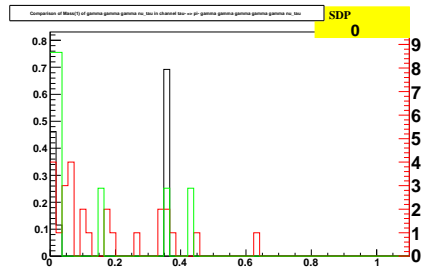
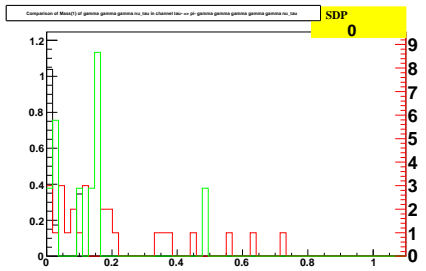
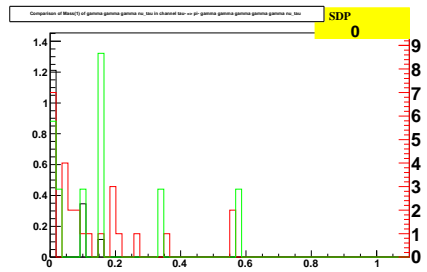
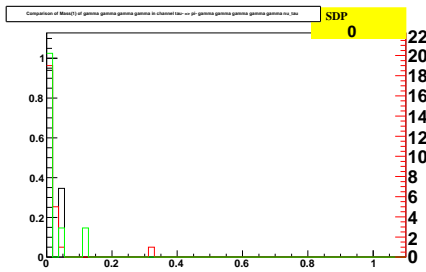


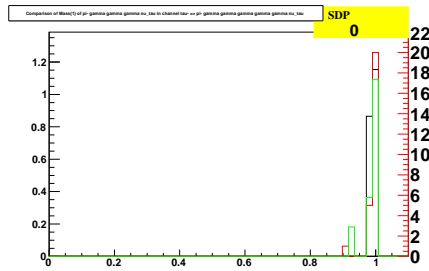
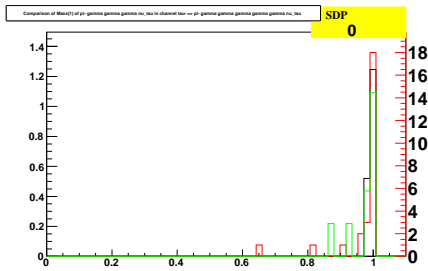
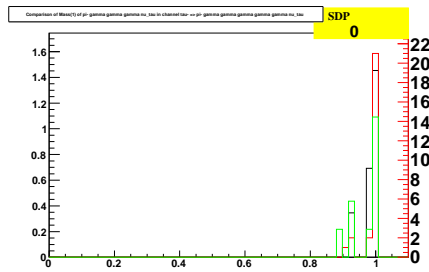
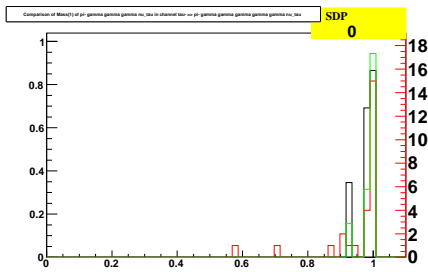
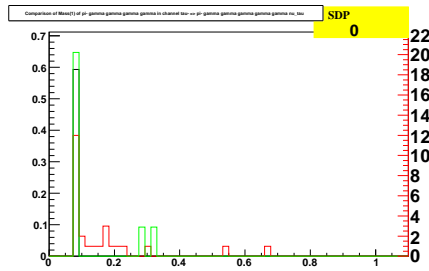
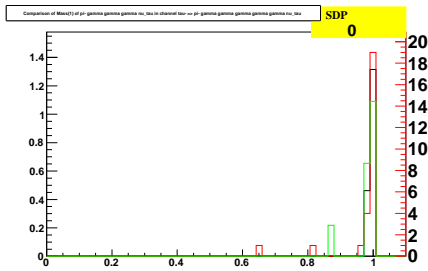
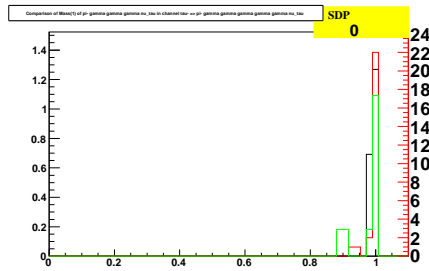
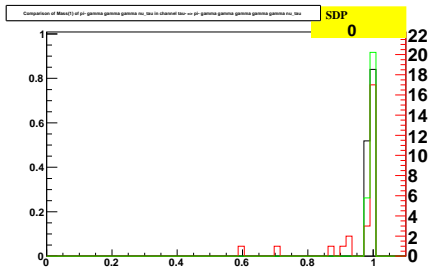
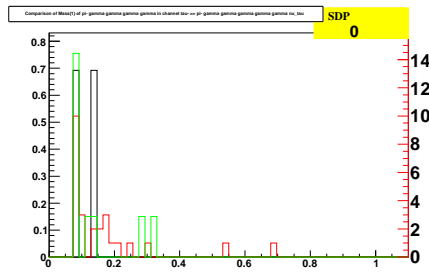
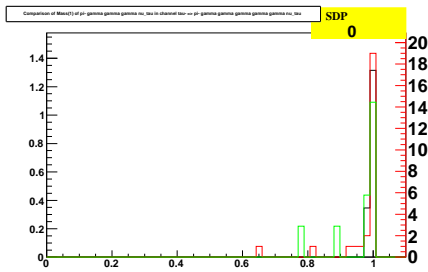


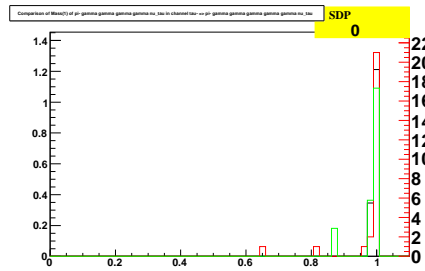
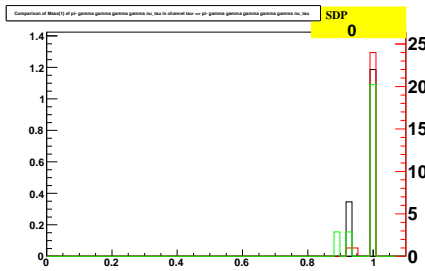
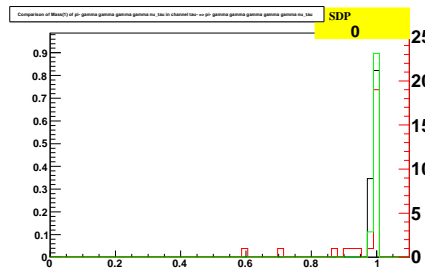
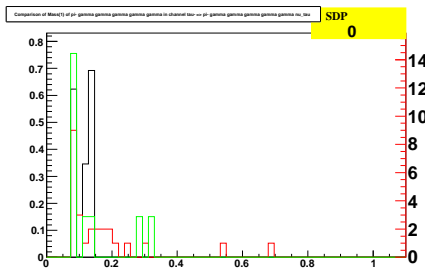
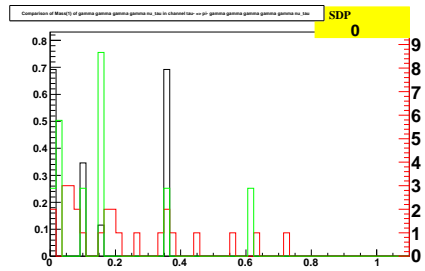
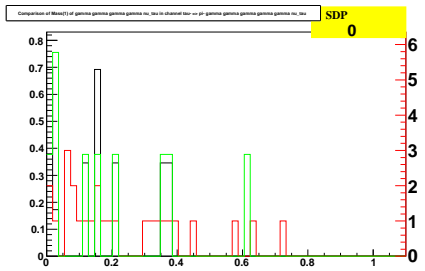
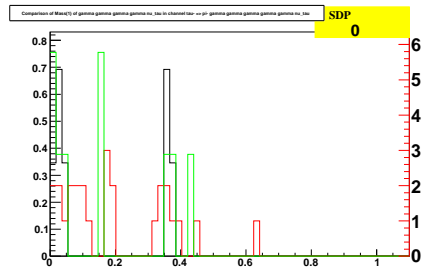
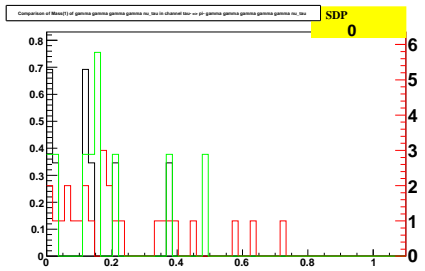
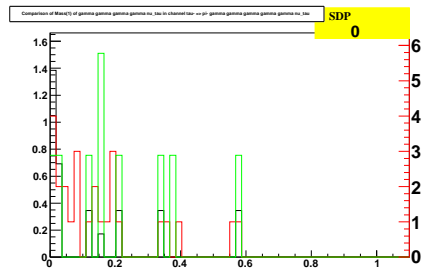
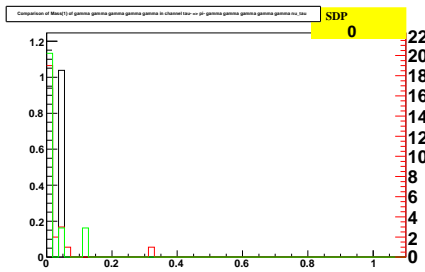


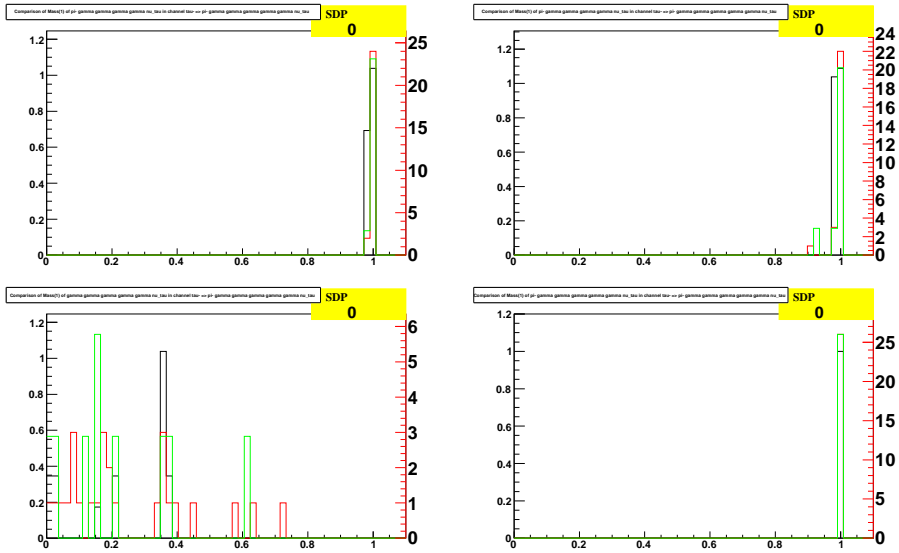








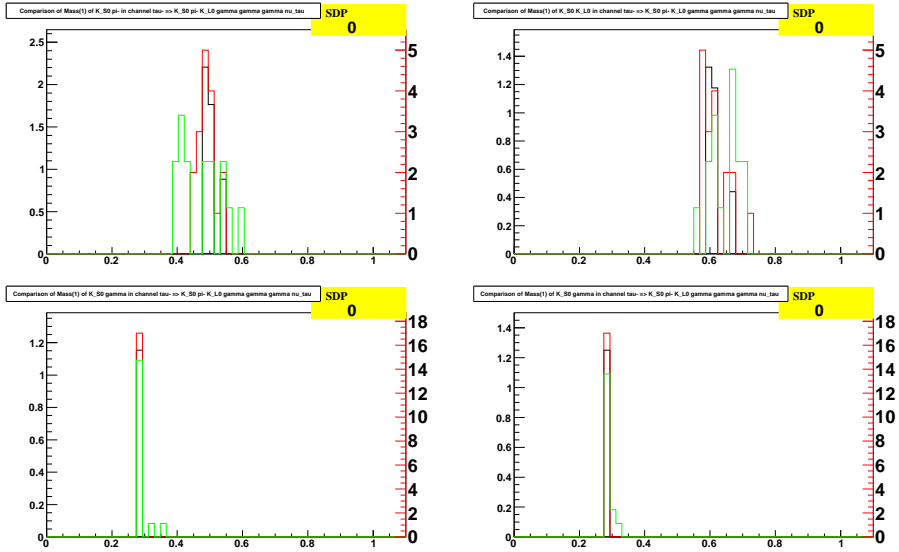




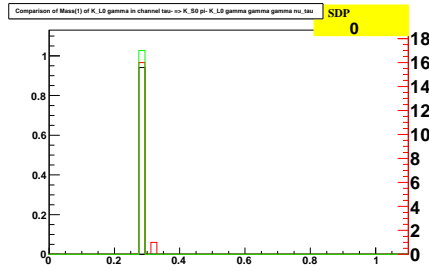
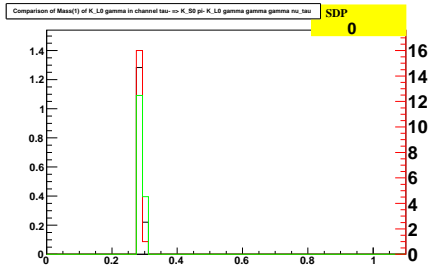
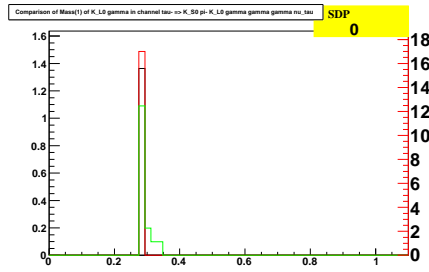
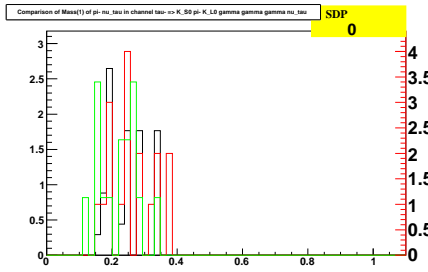
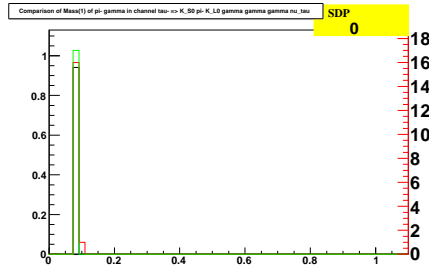
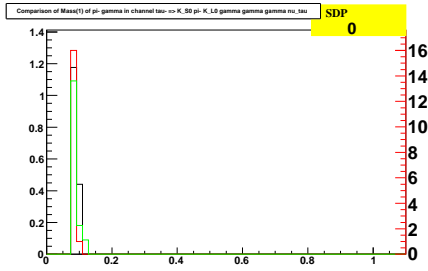
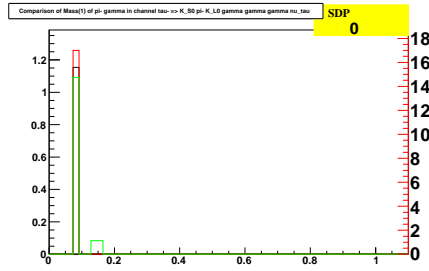
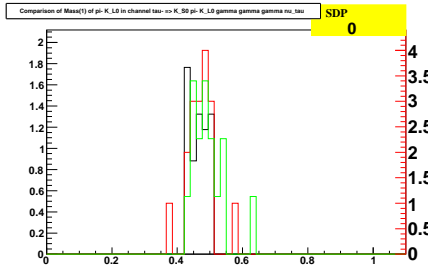
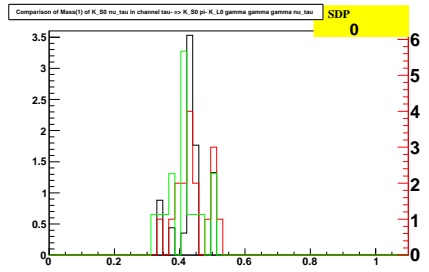
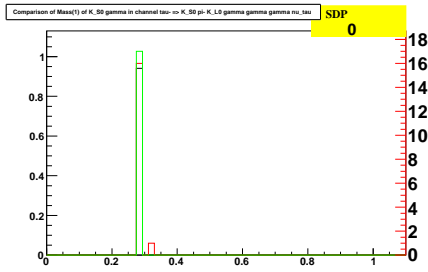
## 95 Decay Channel: $\tau^- \rightarrow K_S^0 \pi^- K_L^0 \gamma \gamma \gamma \tau^-$

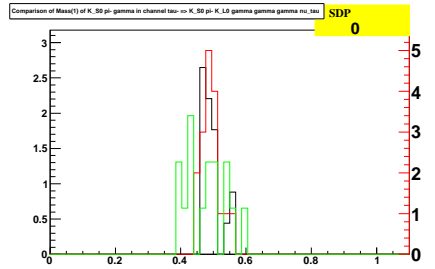
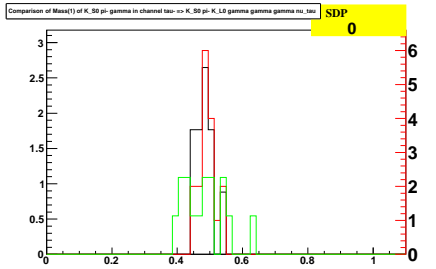
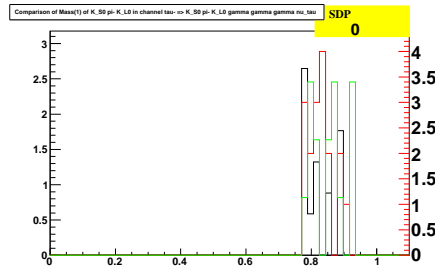
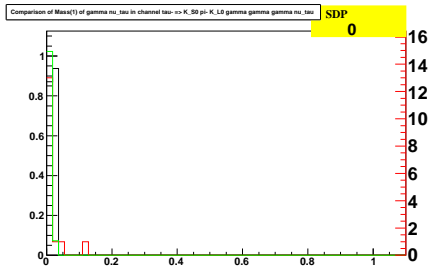
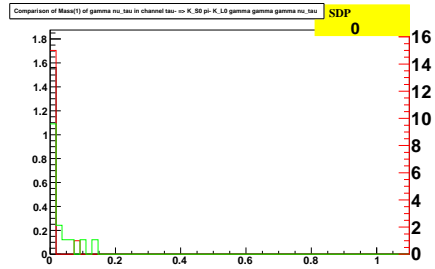
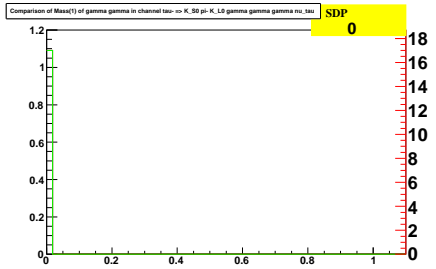
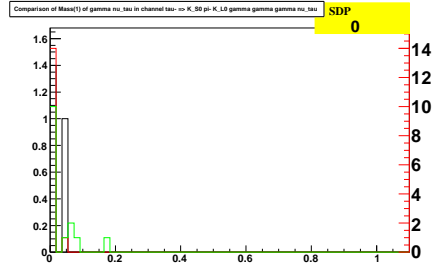
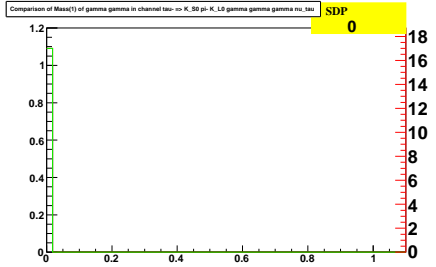
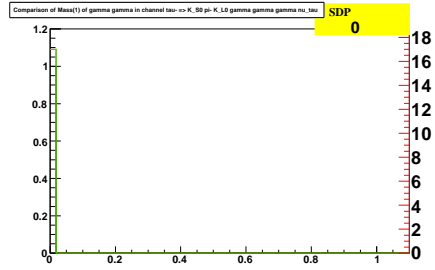
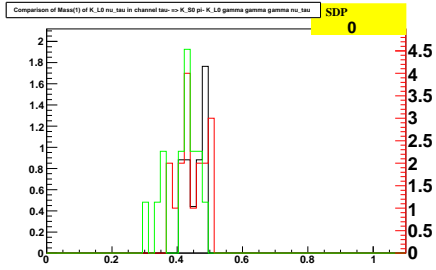
Number of events from generator 1: 17

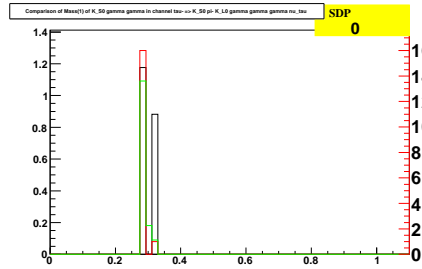
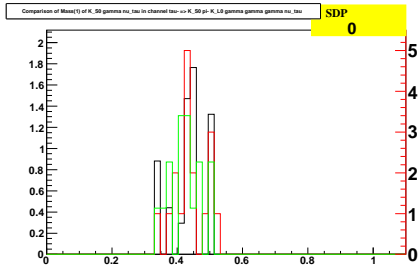
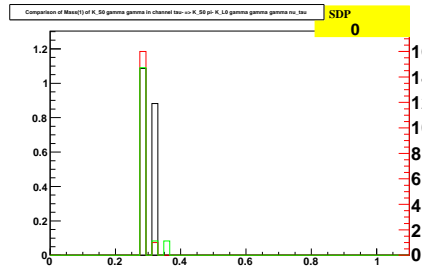
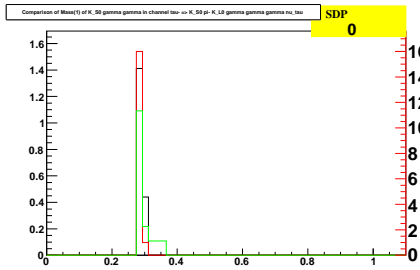
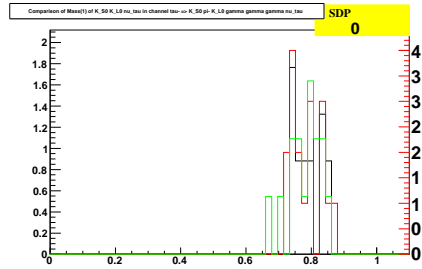
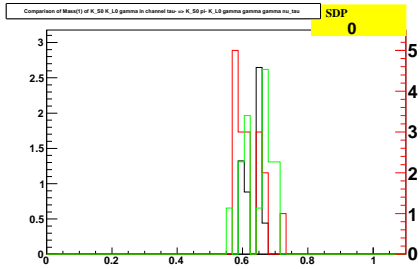
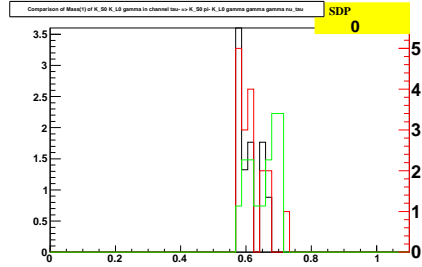
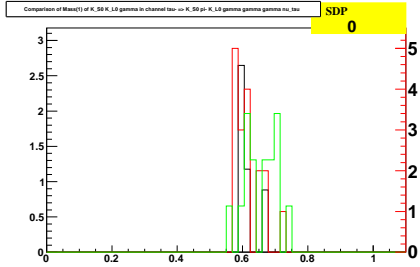
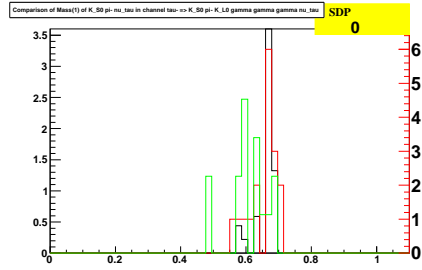
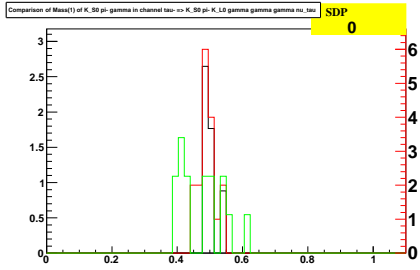
Number of events from generator 2: 15 (scaled to generator 1)

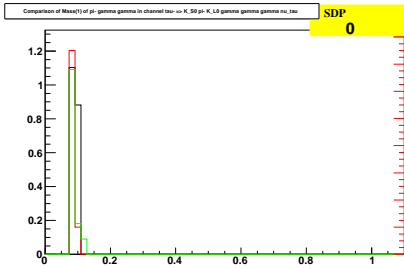
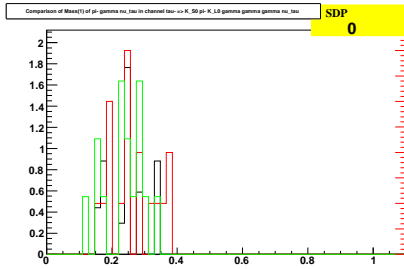
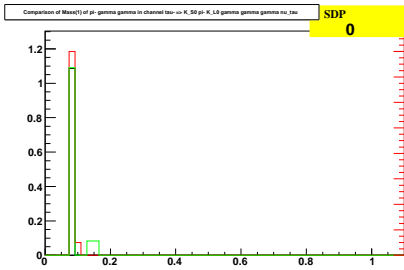
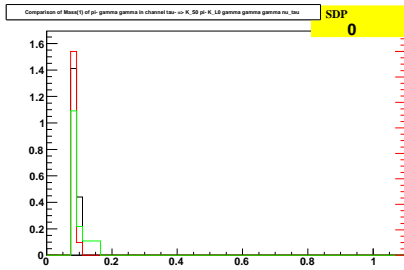
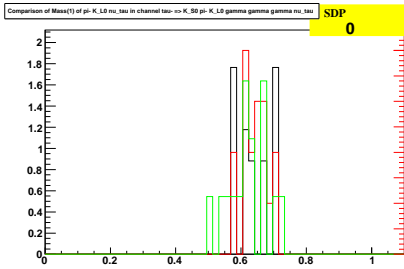
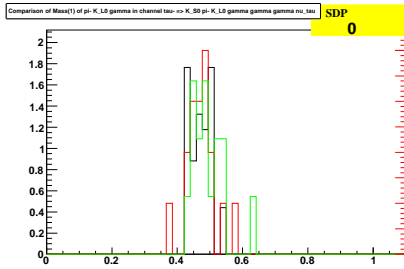
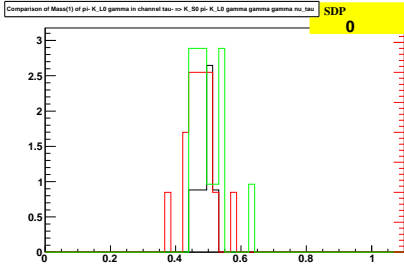
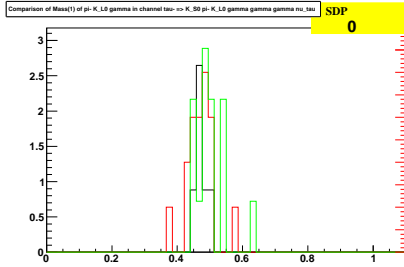
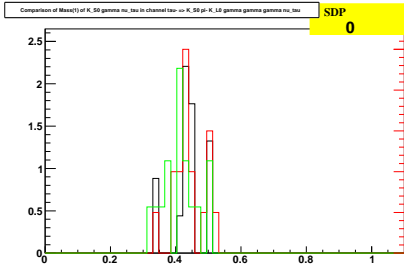
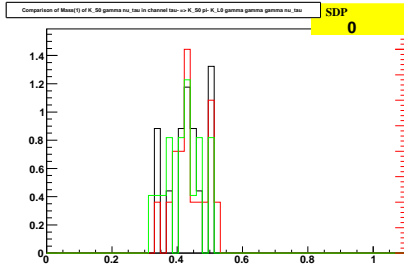


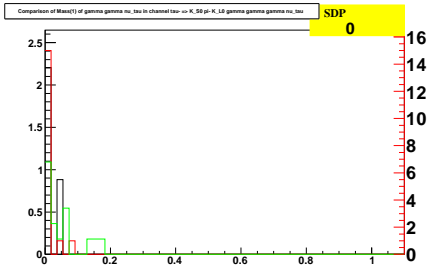
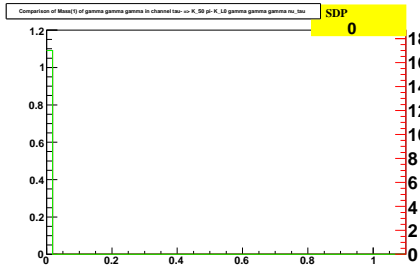
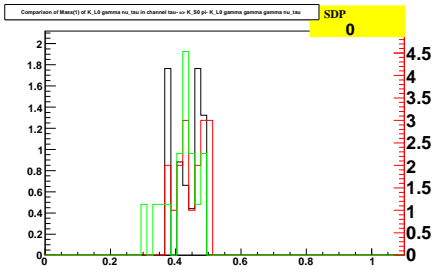
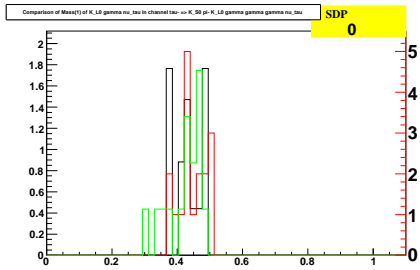
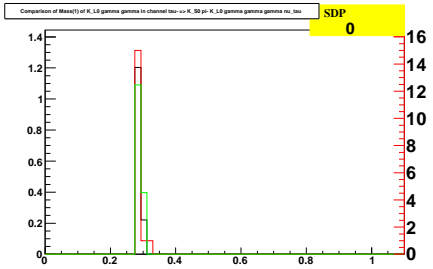
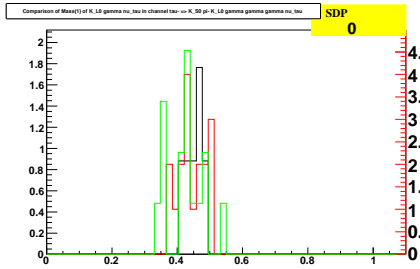
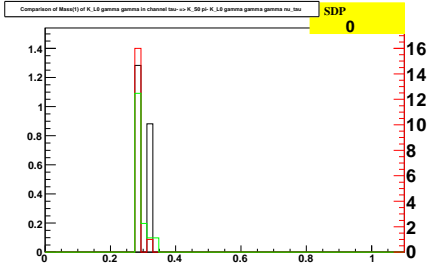
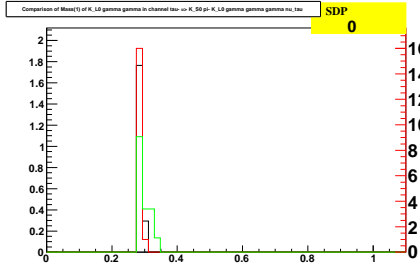
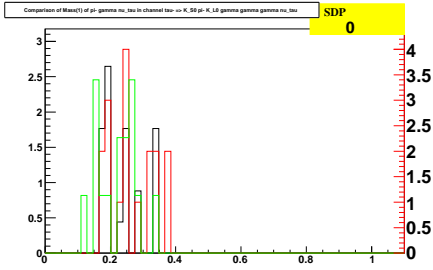
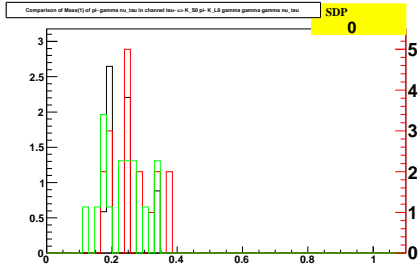


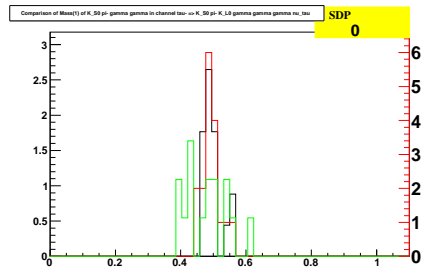
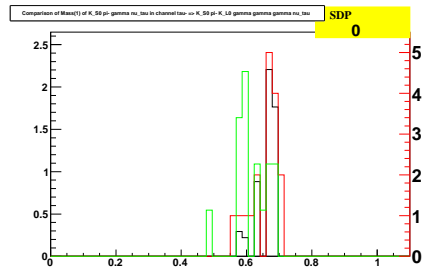
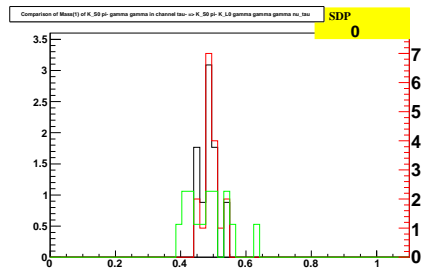
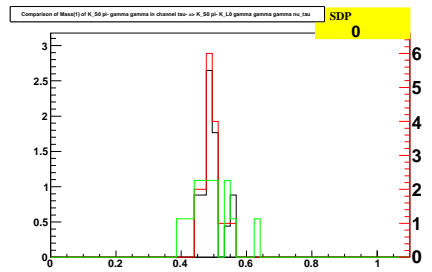
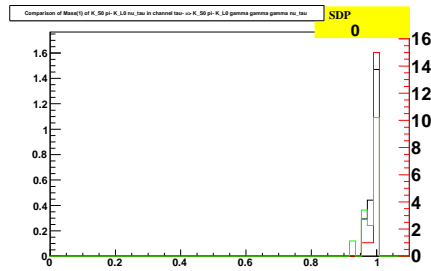
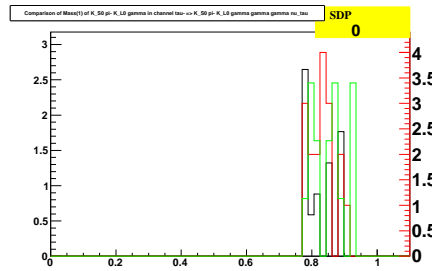
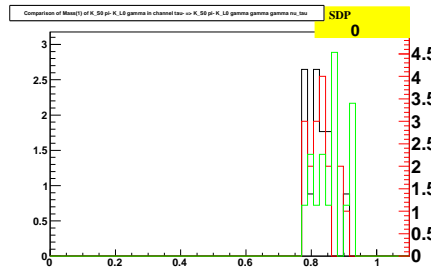
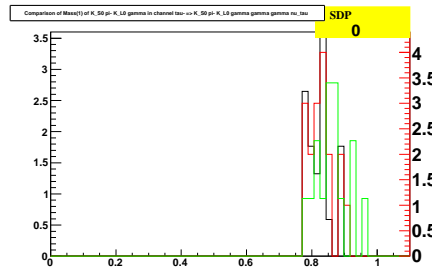
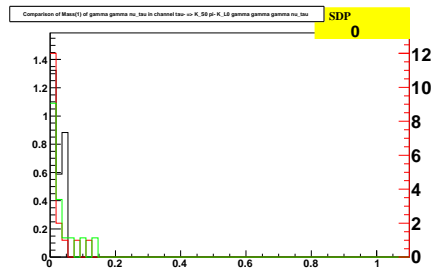
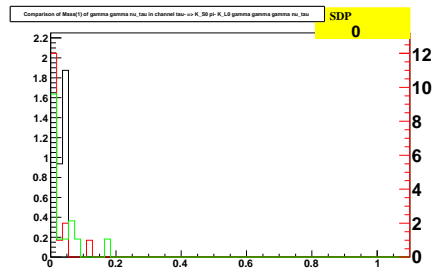


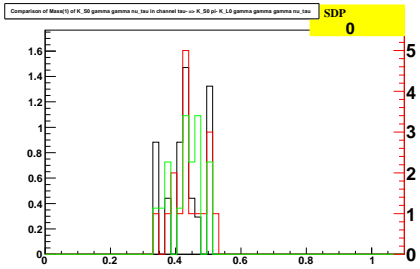
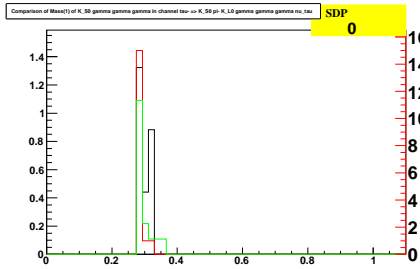
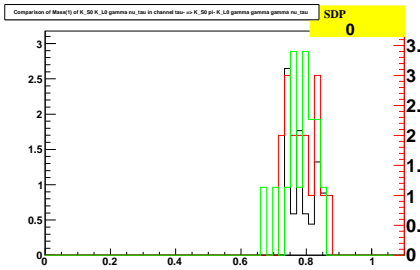
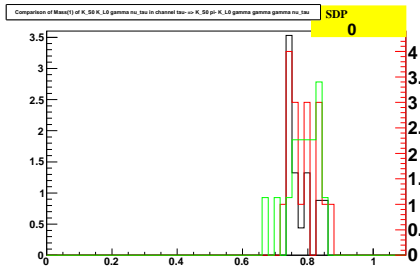
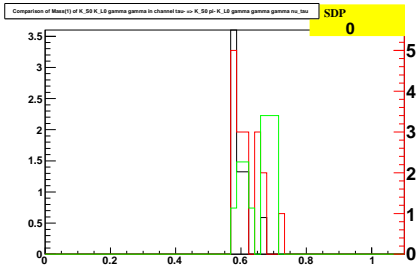
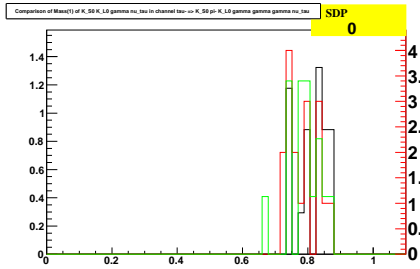
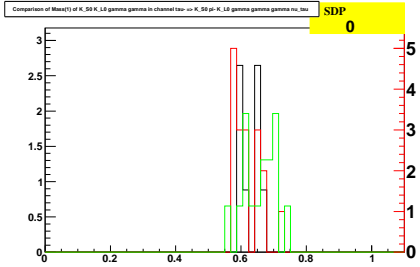
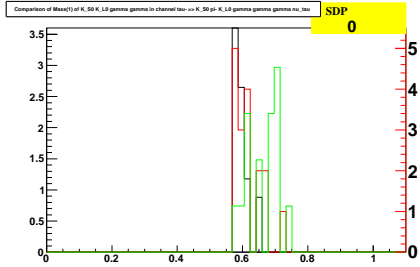
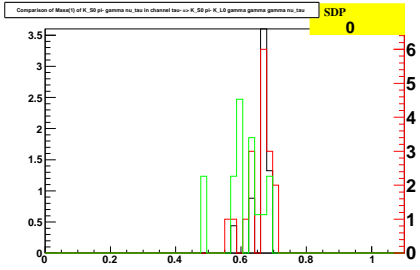
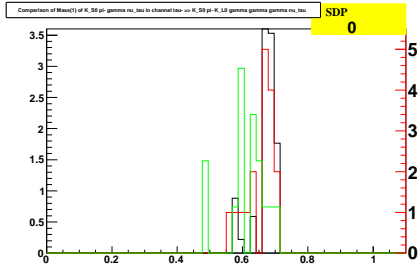






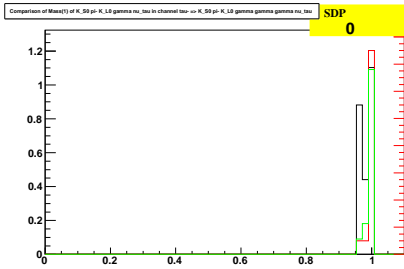
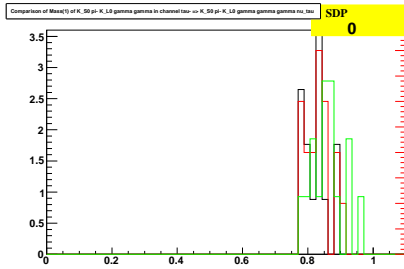
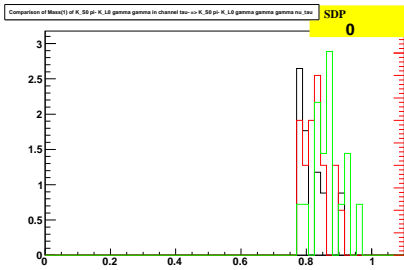
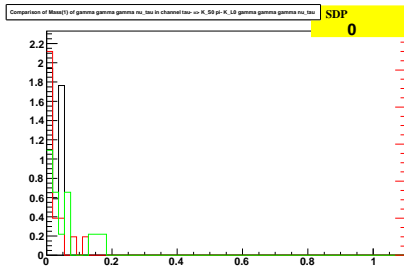
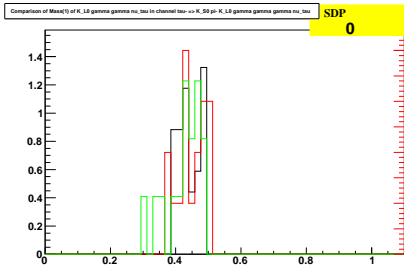
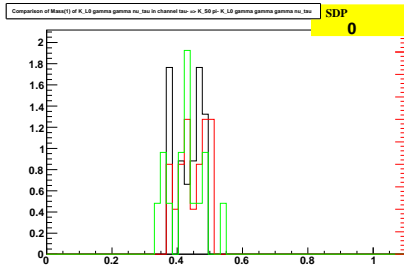
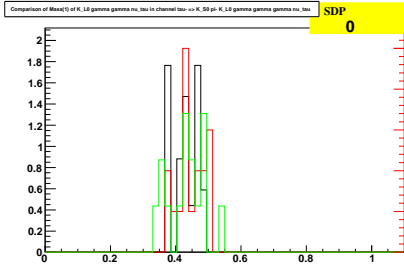
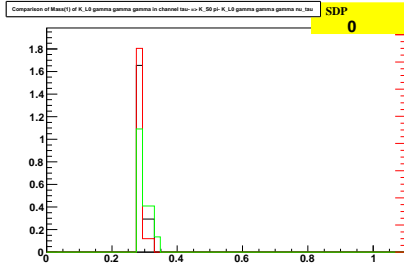
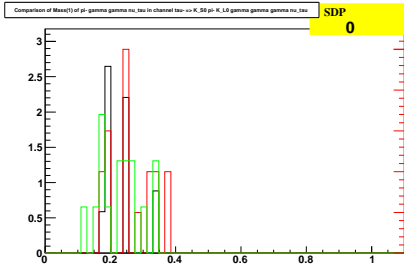
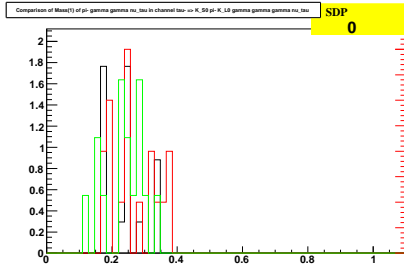


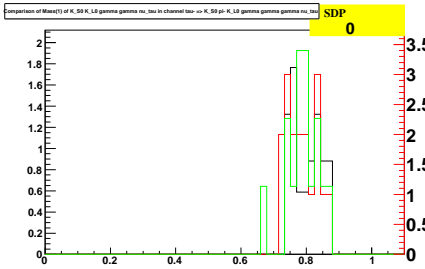
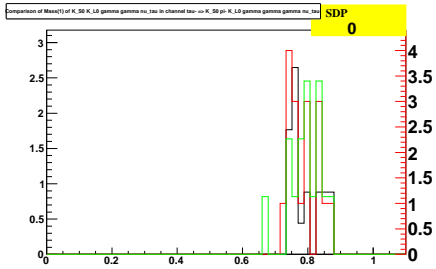
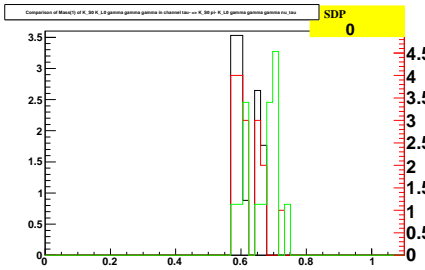
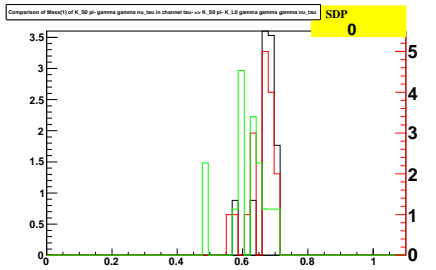
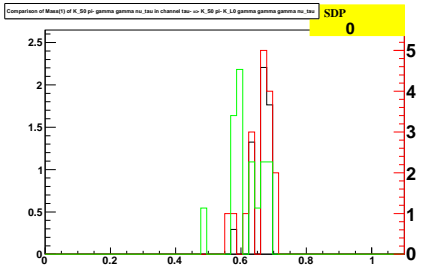
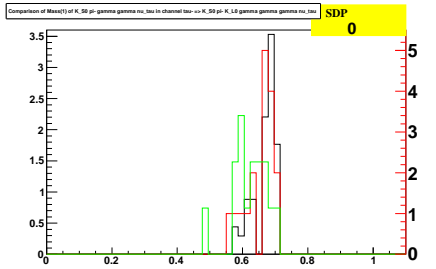
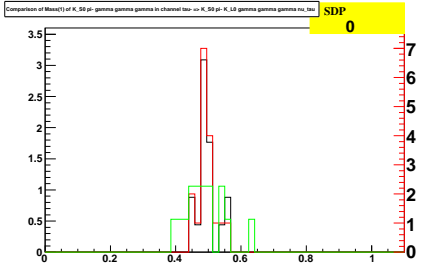
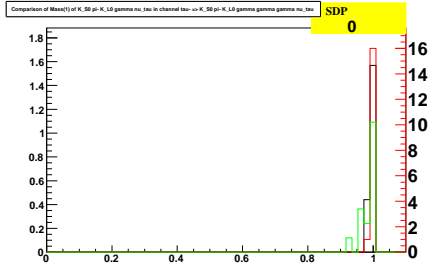
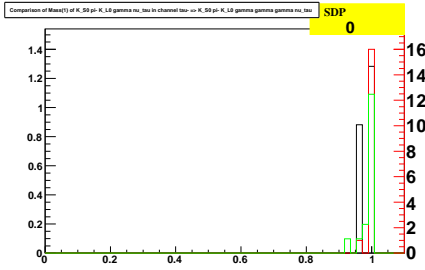
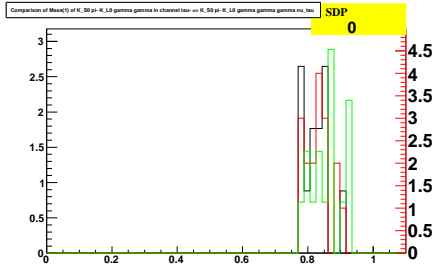


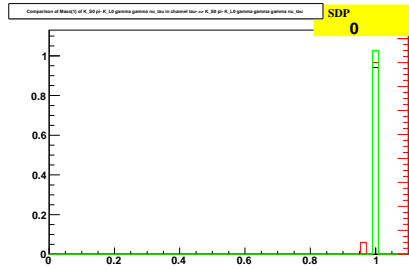
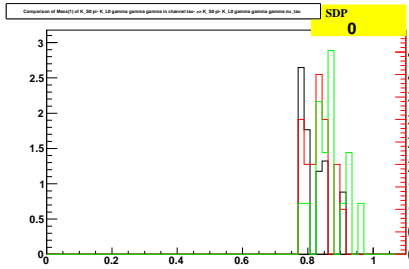
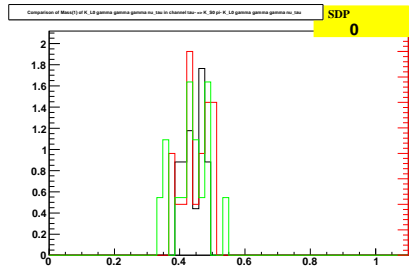
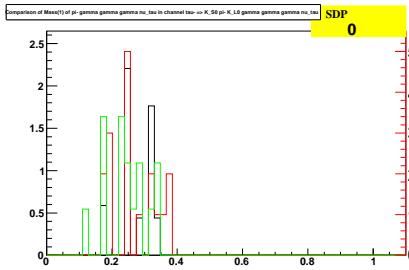
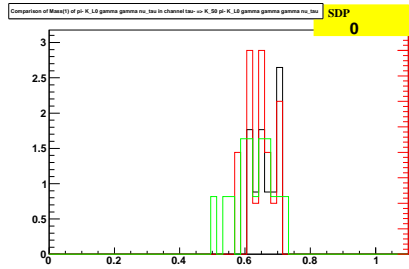
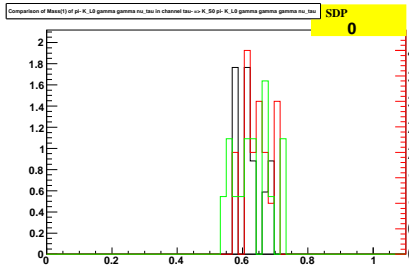
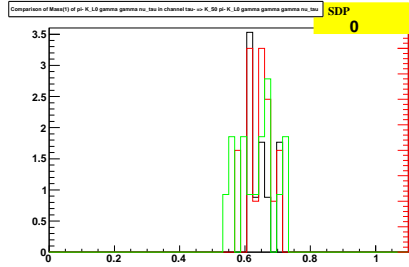
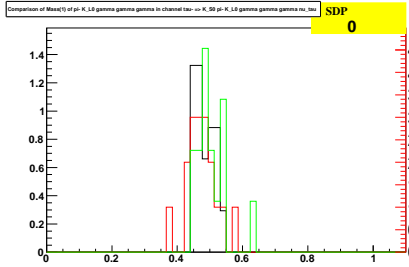
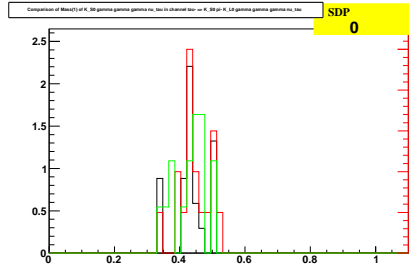
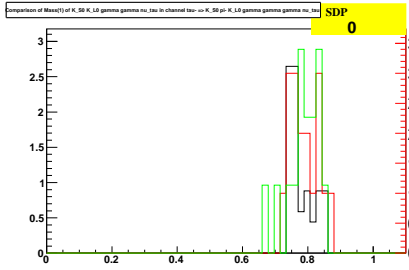


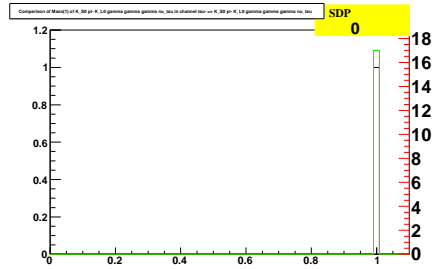
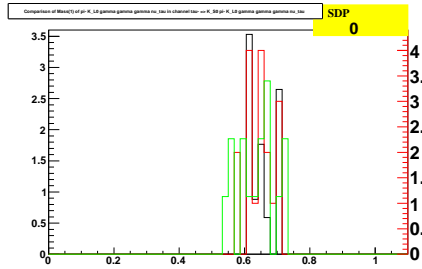
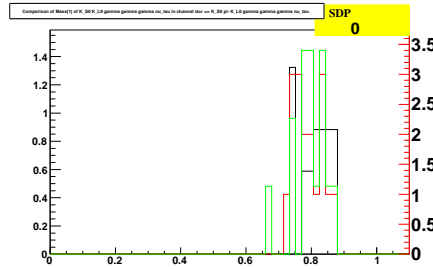
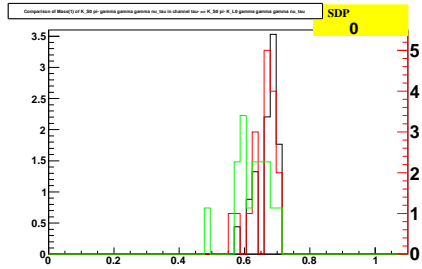
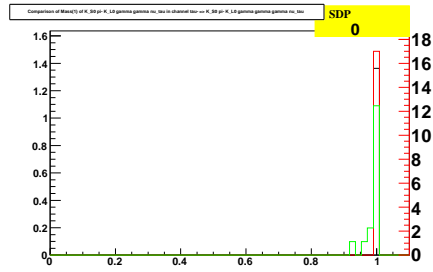
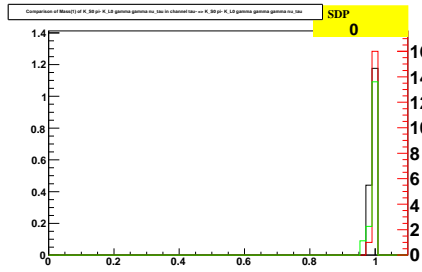








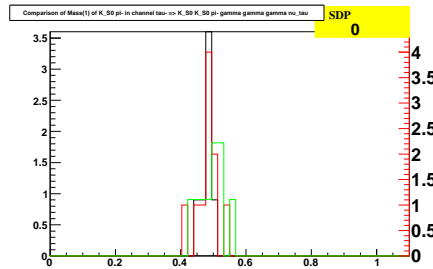
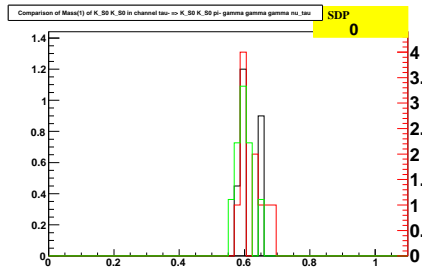


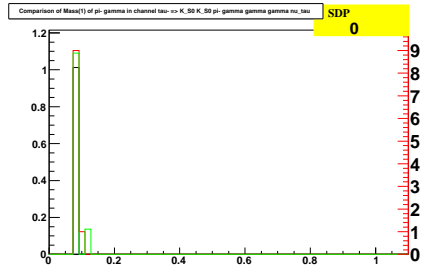
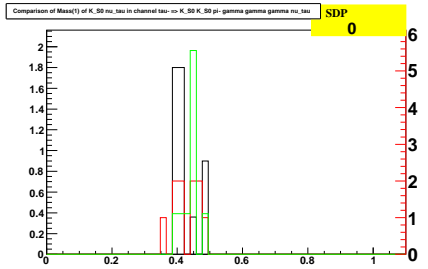
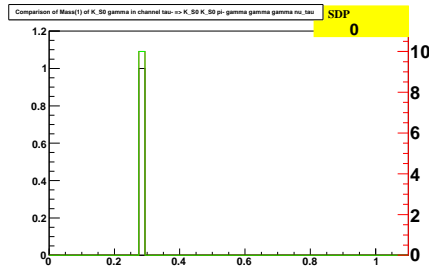
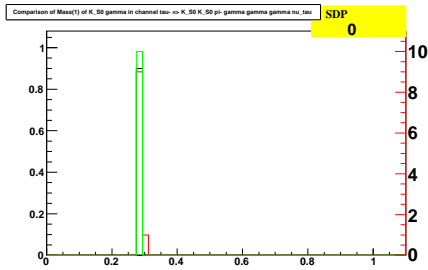
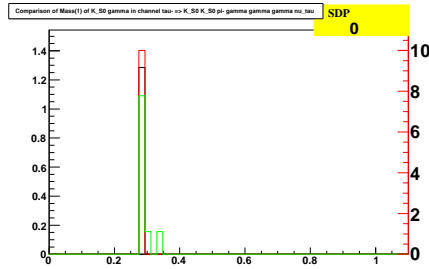
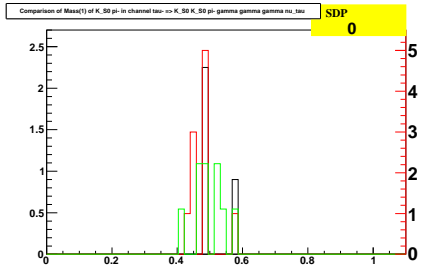
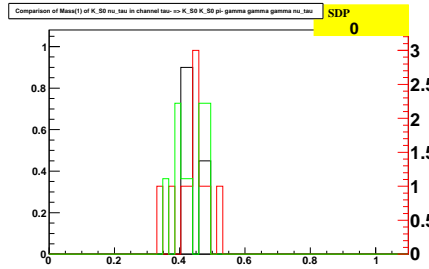
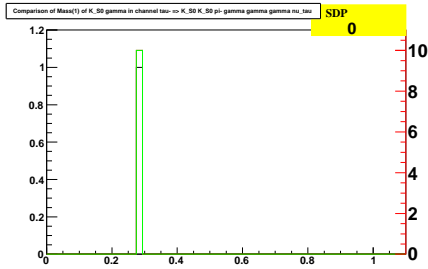
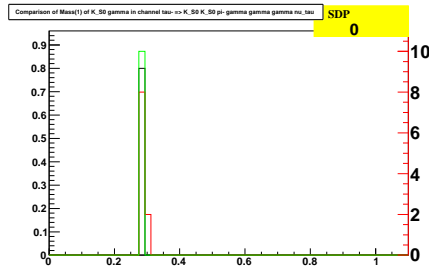
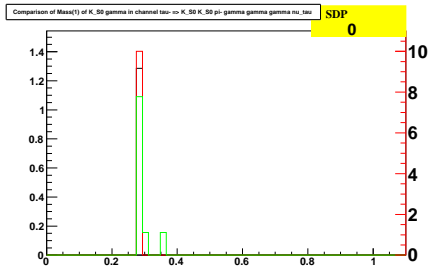


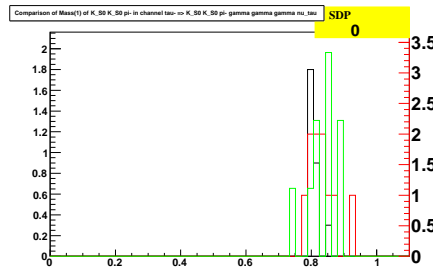
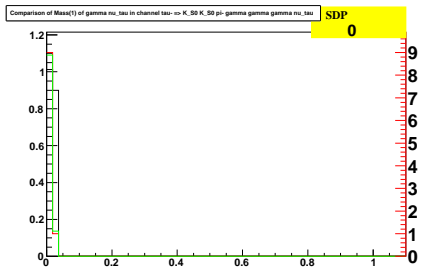
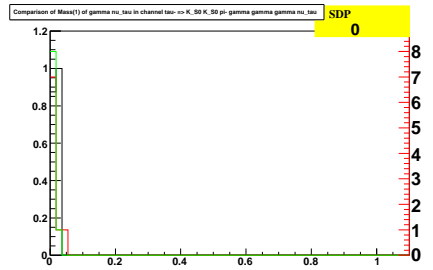
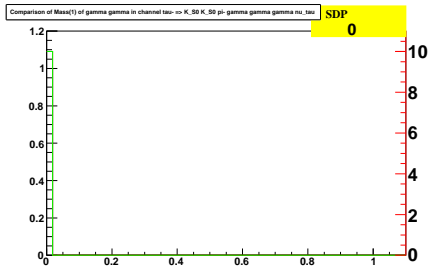
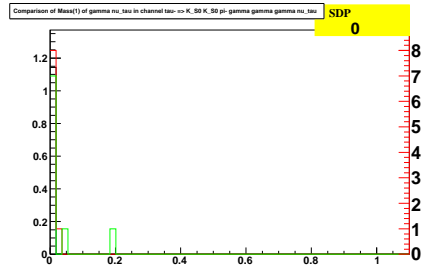
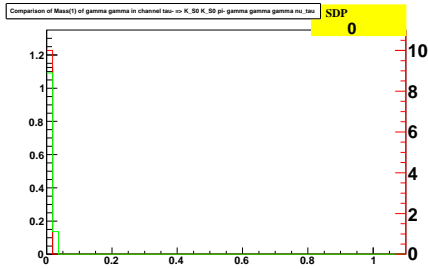
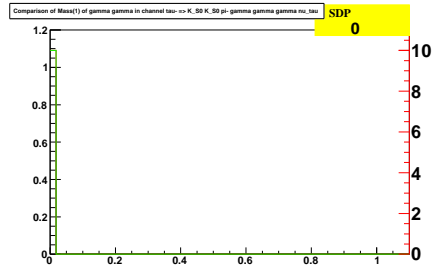
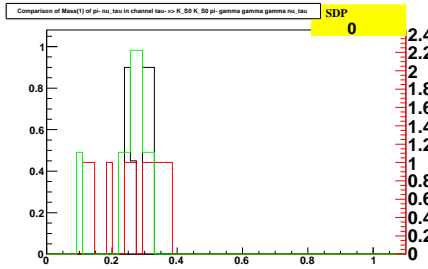
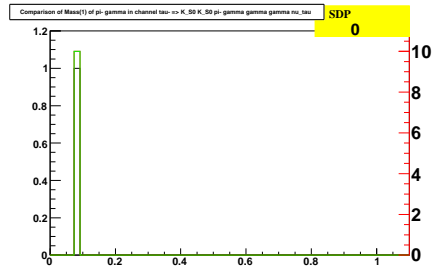
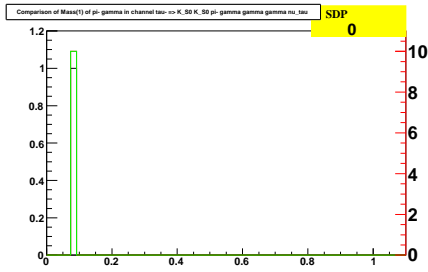
## 96 Decay Channel: $\tau^- \rightarrow K_S^0 K_S^0 \pi^- \gamma \gamma \nu_\tau$

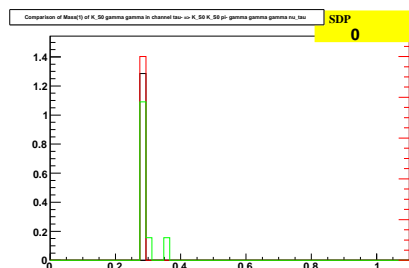
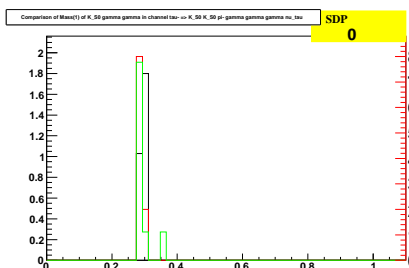
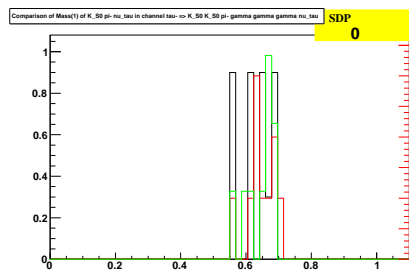
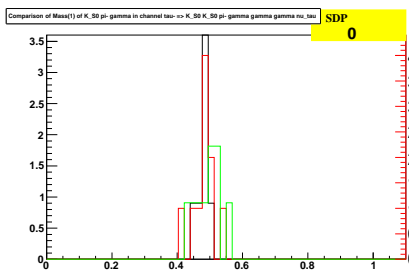
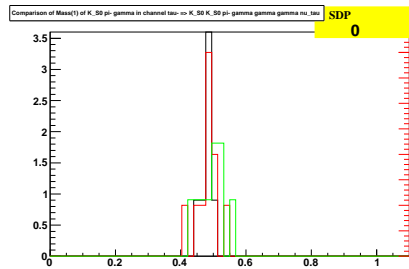
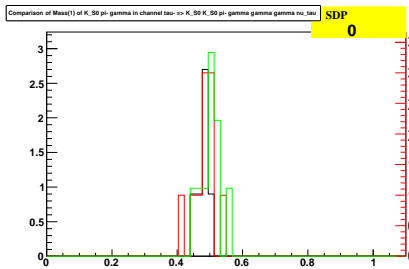
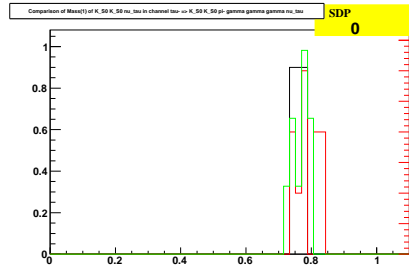
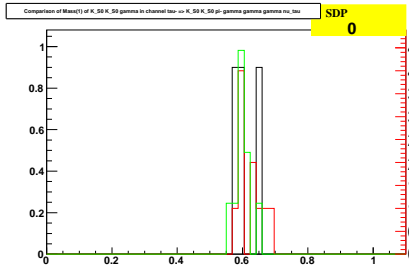
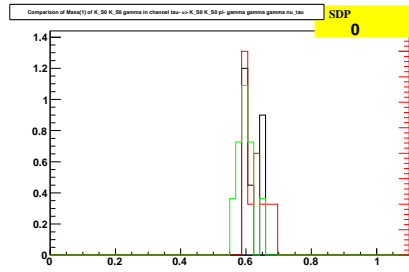
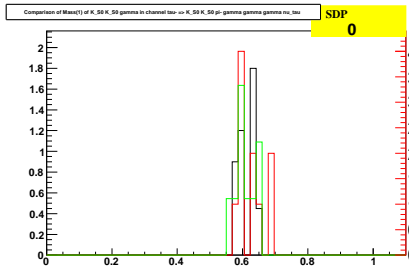
Number of events from generator 1: 10

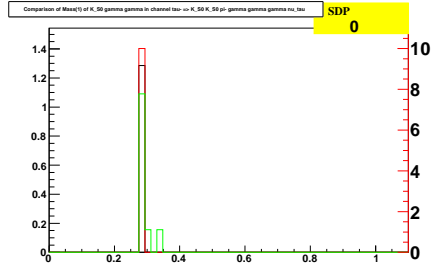
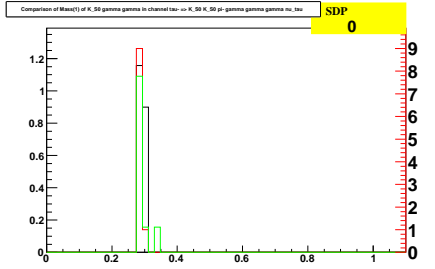
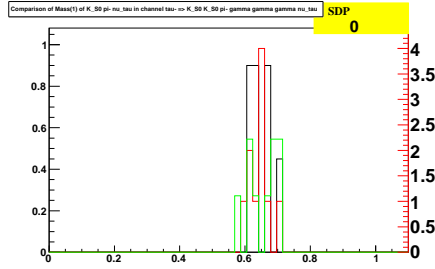
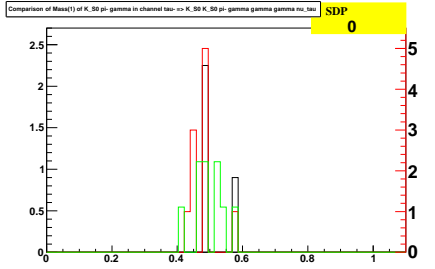
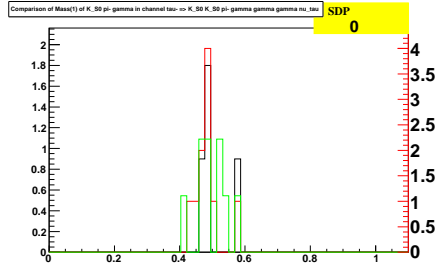
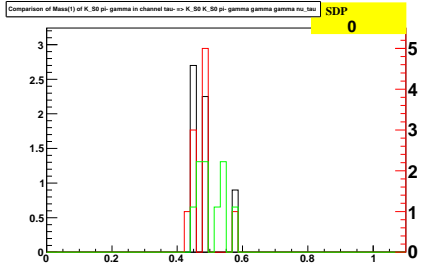
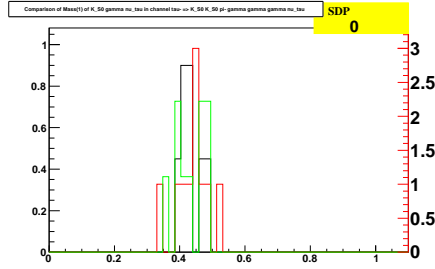
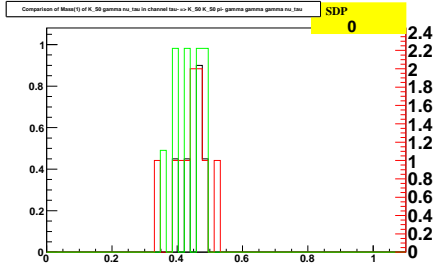
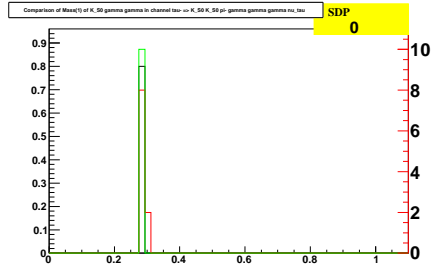
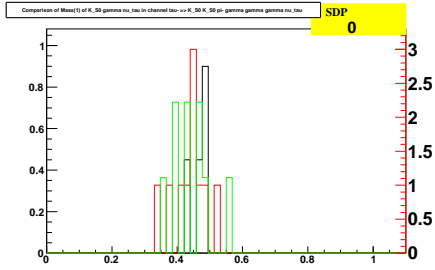
Number of events from generator 2: 9 (scaled to generator 1)



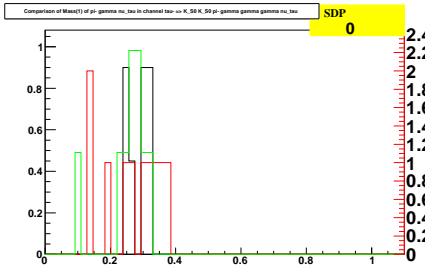
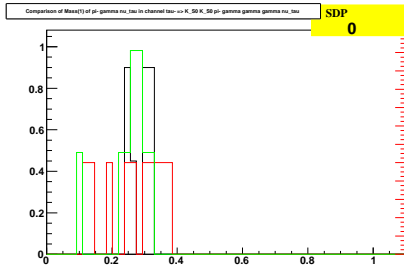
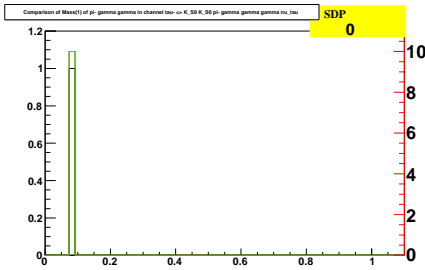
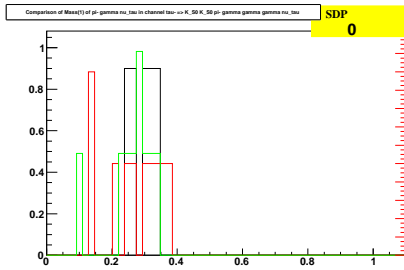
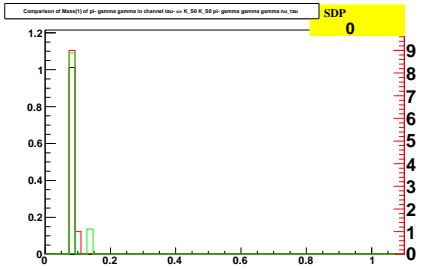
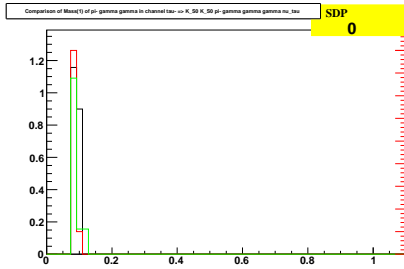
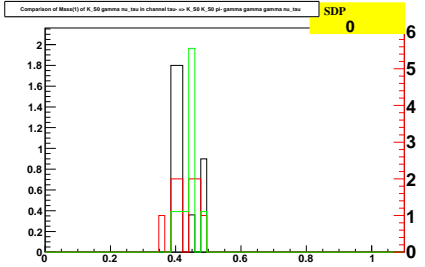
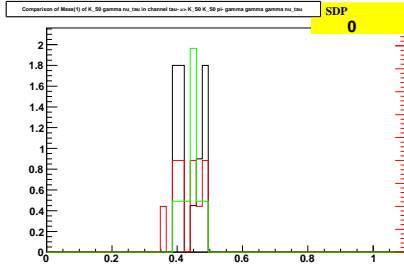
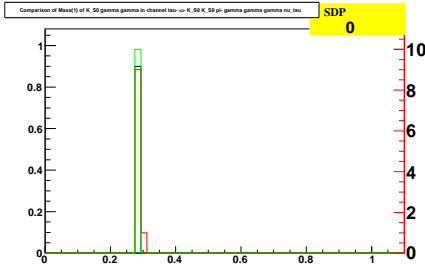
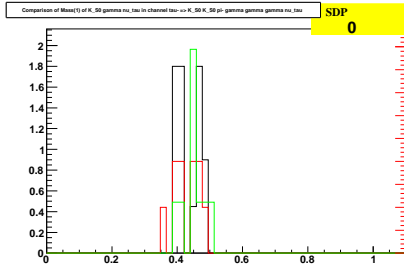


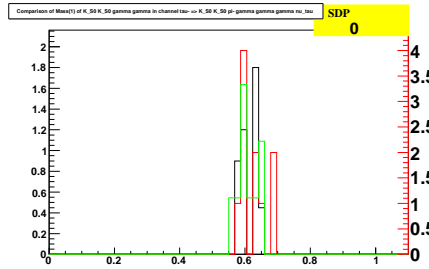
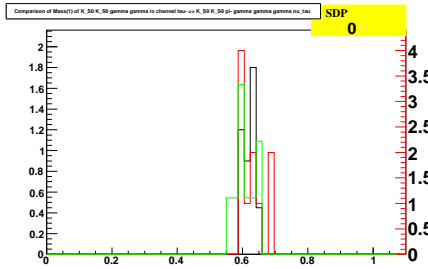
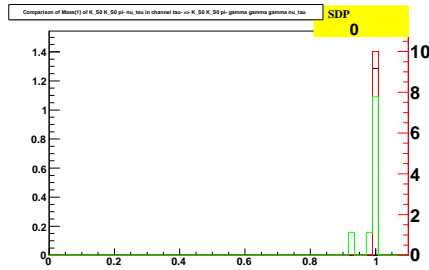
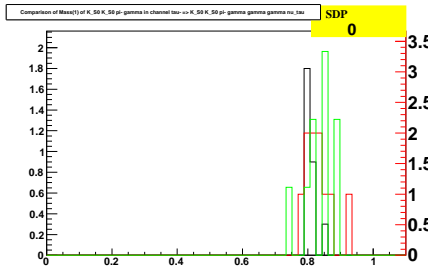
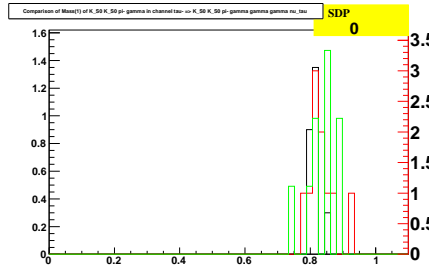
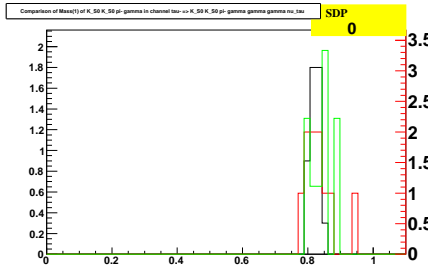
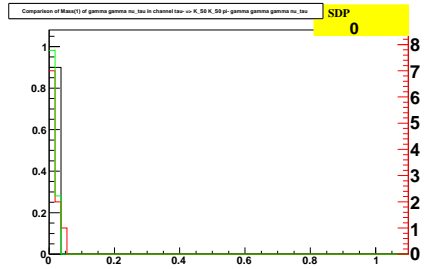
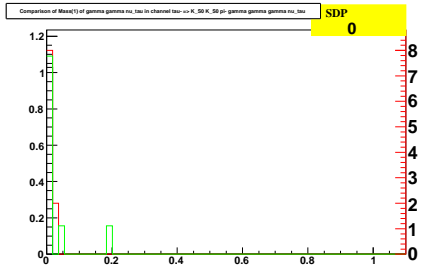
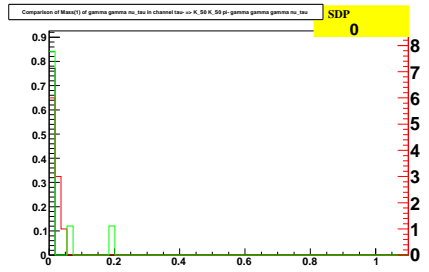
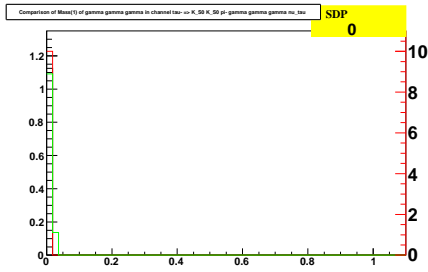


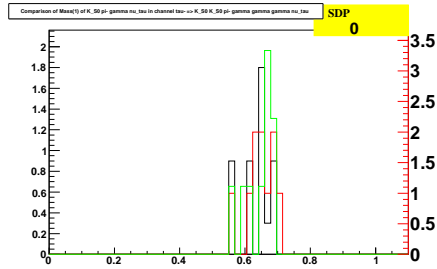
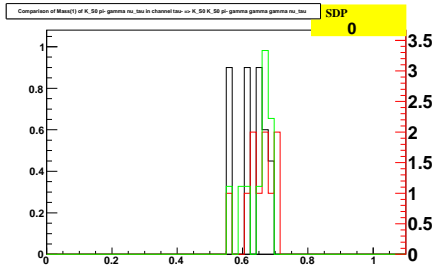
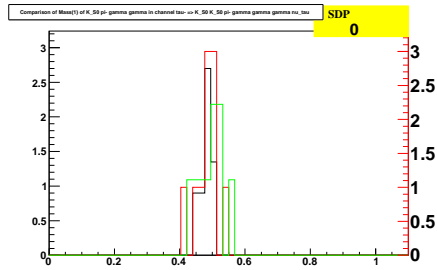
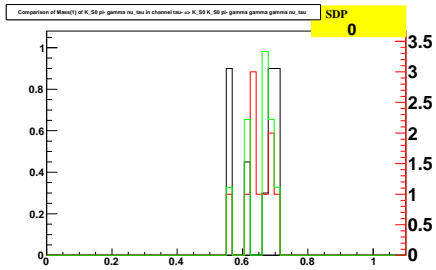
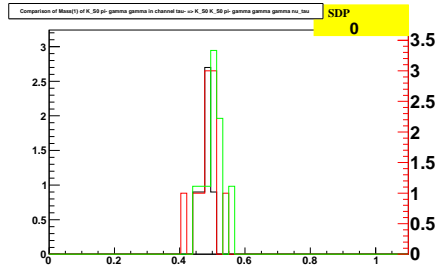
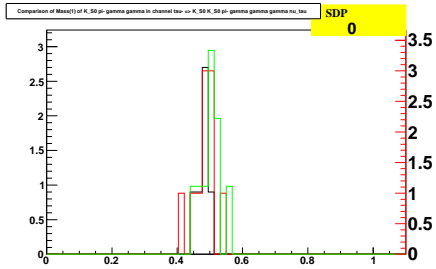
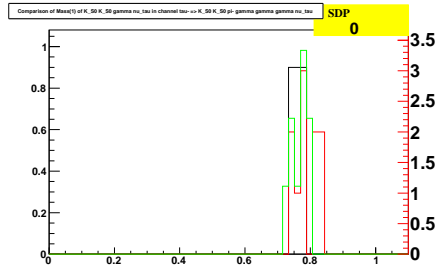
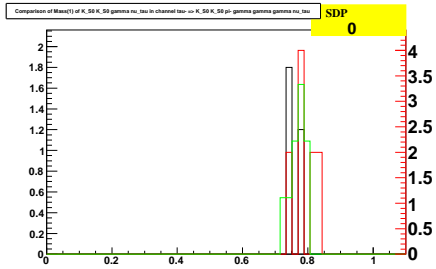
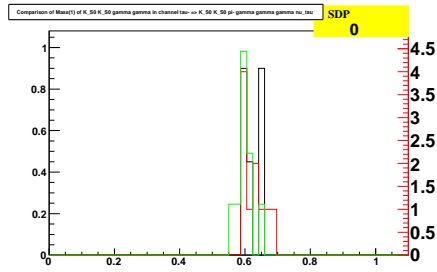
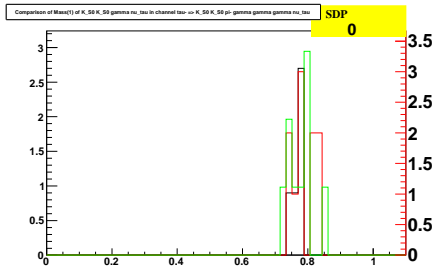


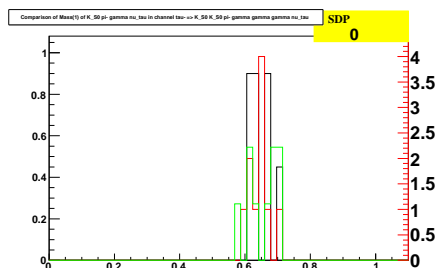
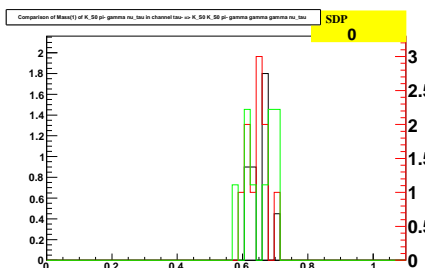
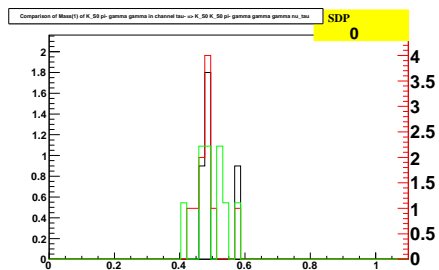
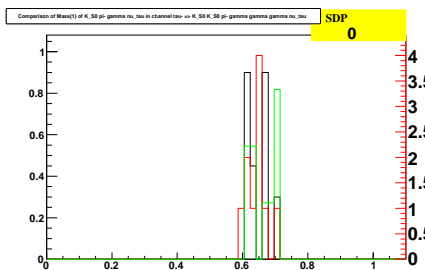
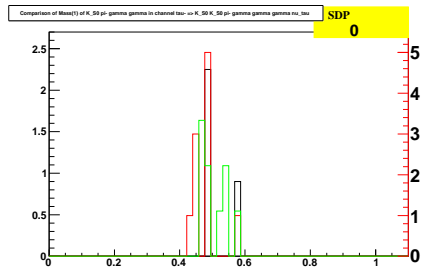
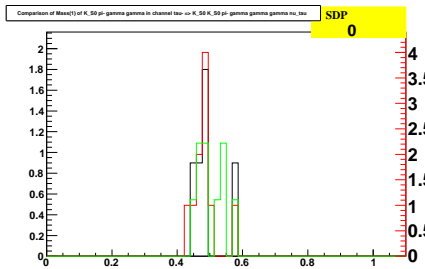
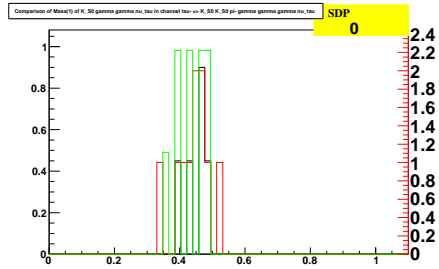
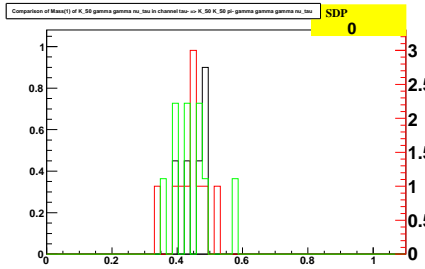
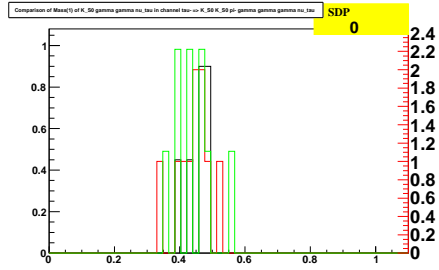
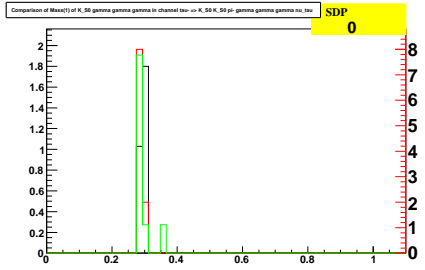


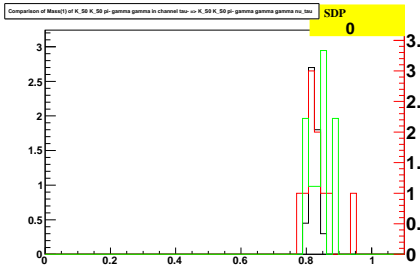
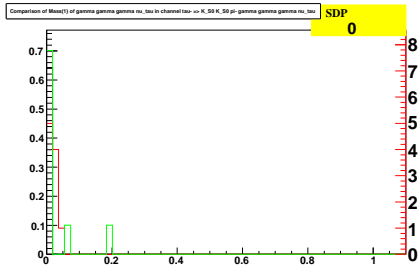
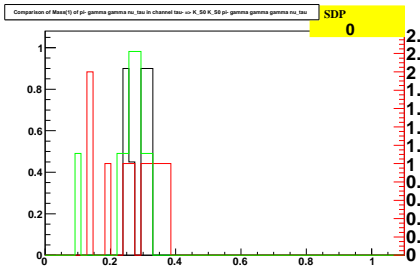
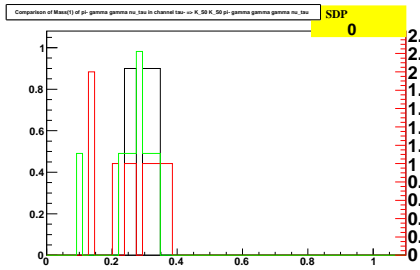
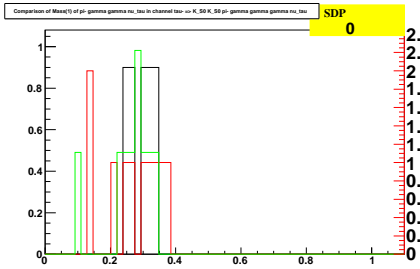
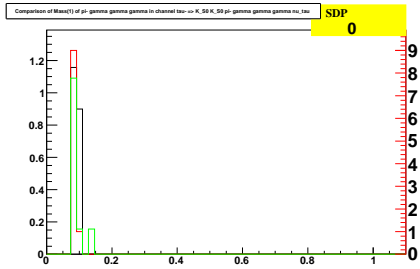
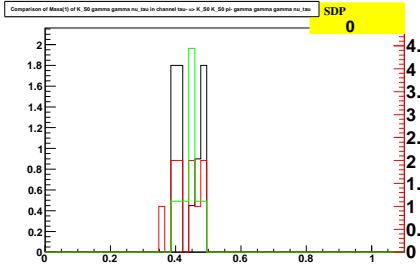
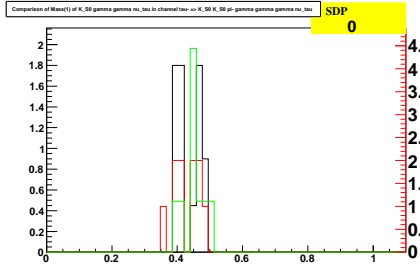
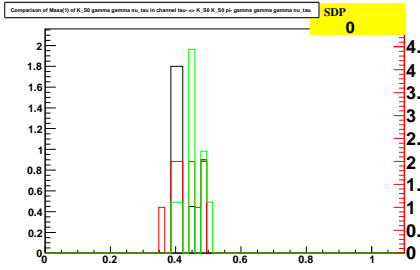
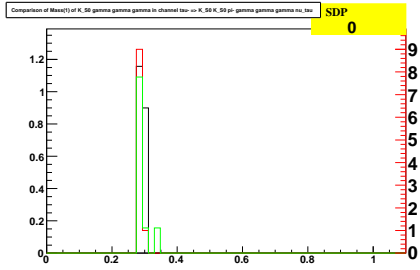


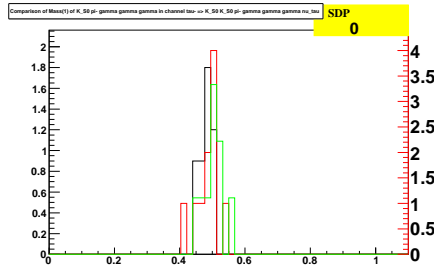
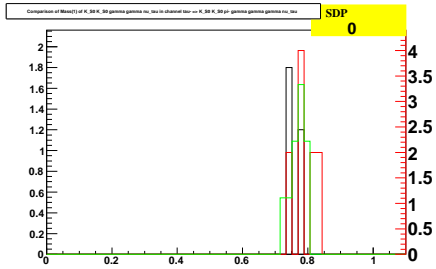
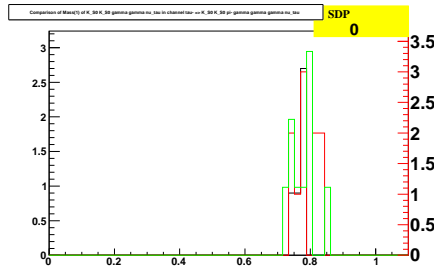
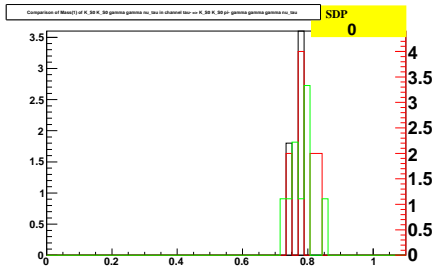
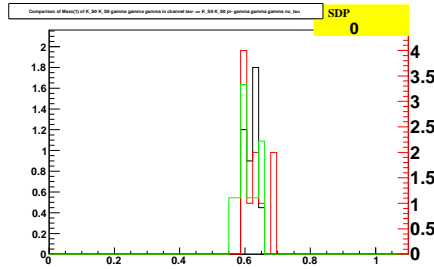
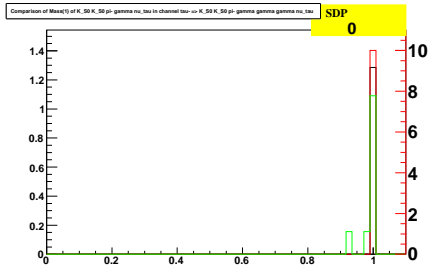
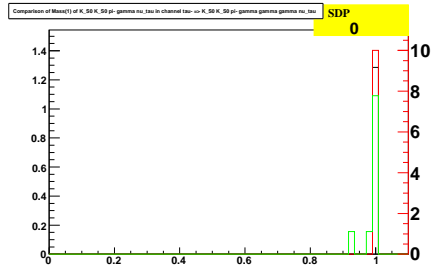
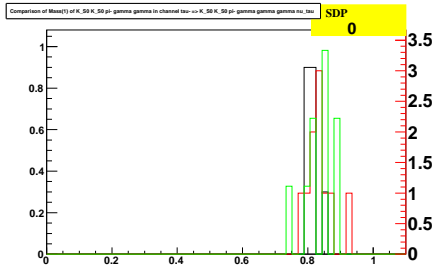
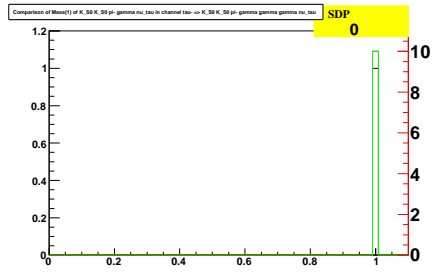
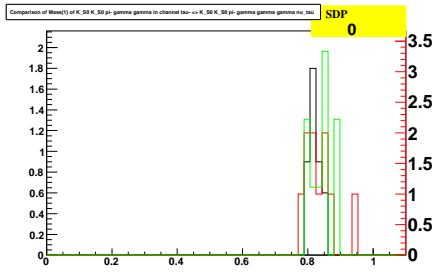


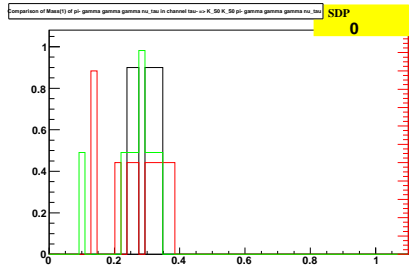
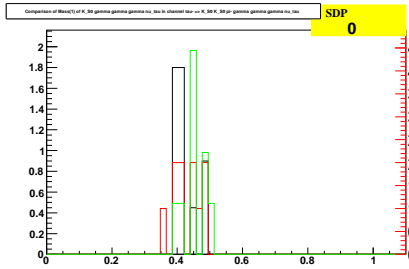
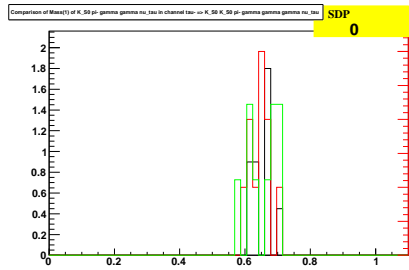
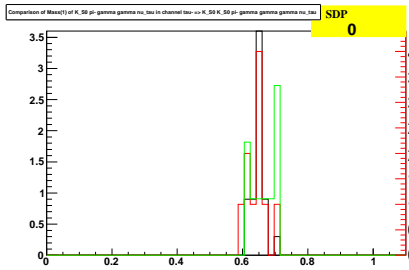
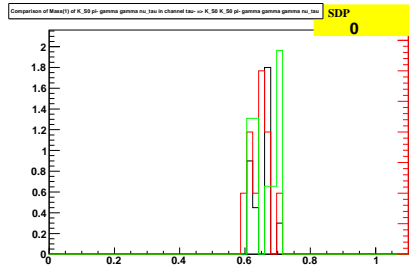
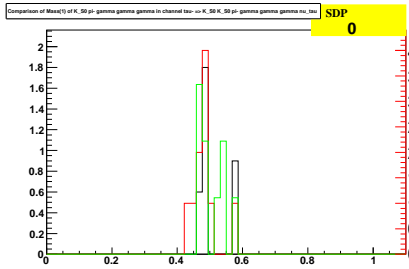
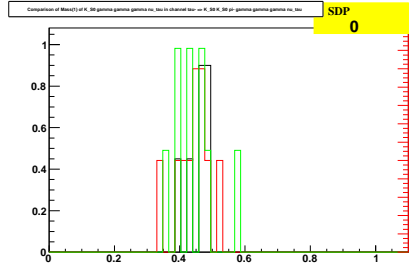
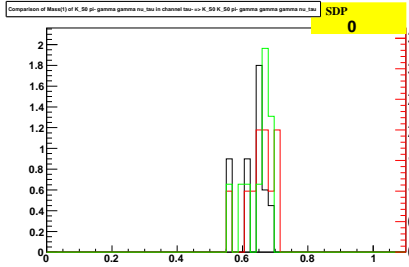
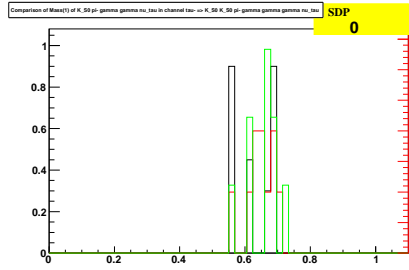
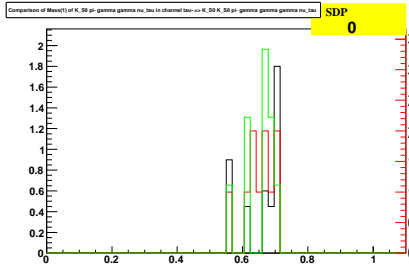


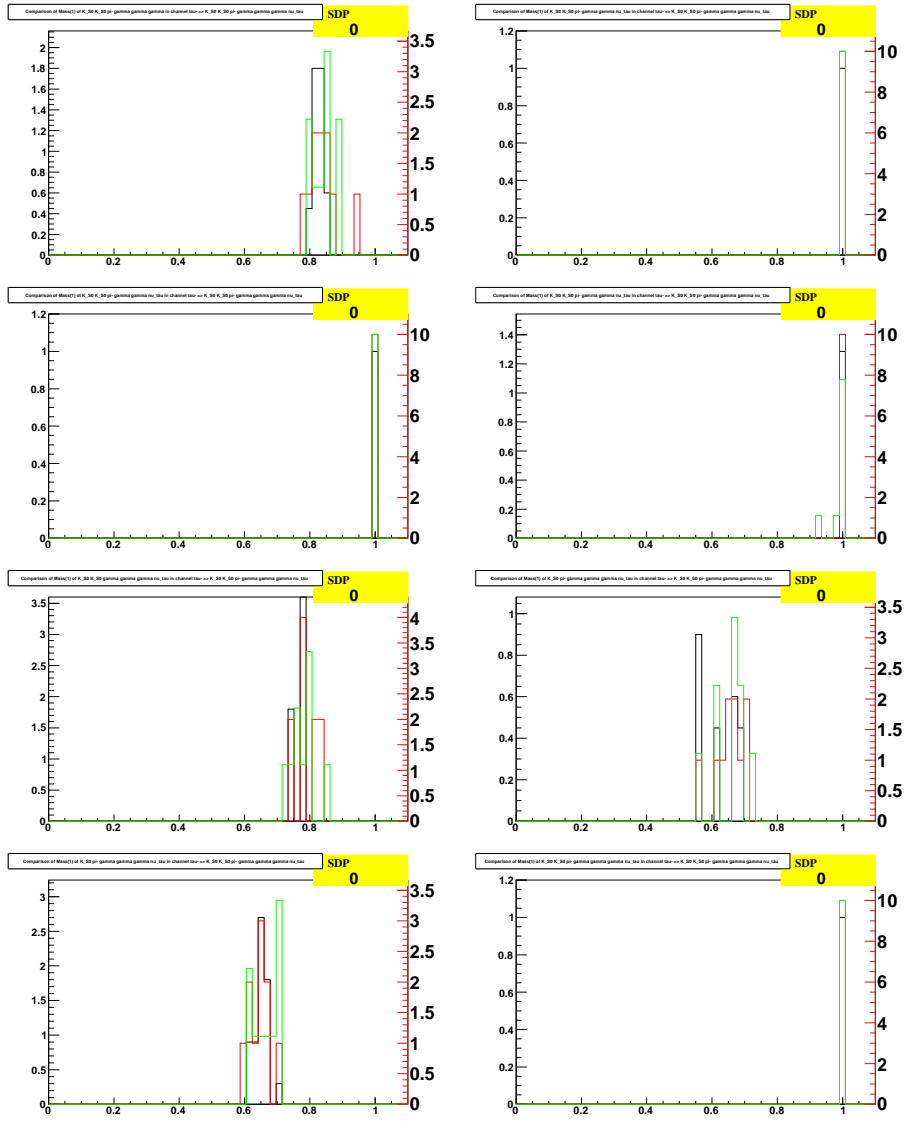










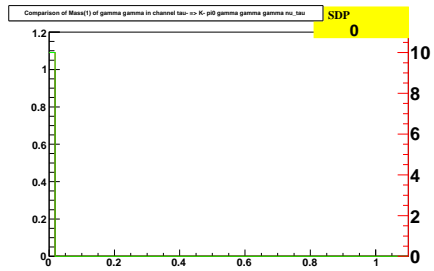
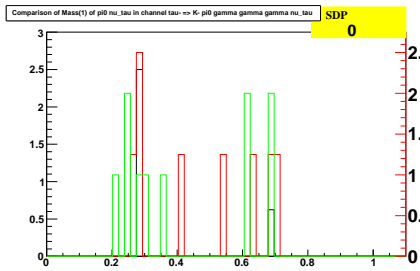
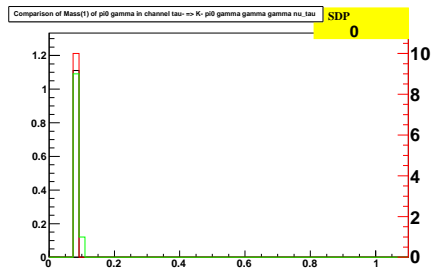
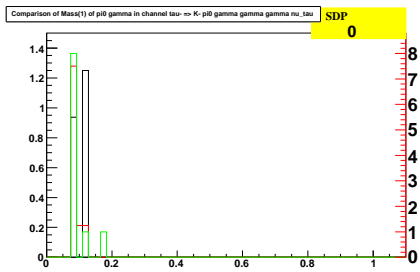
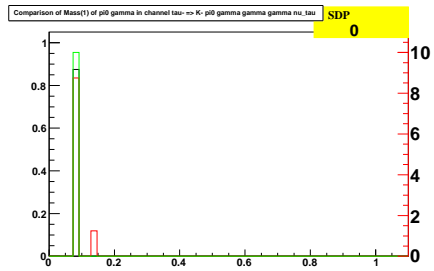
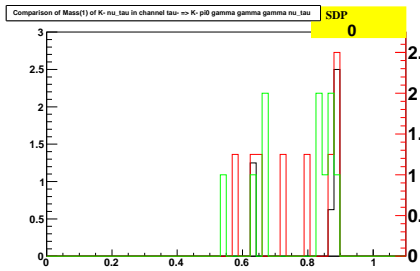
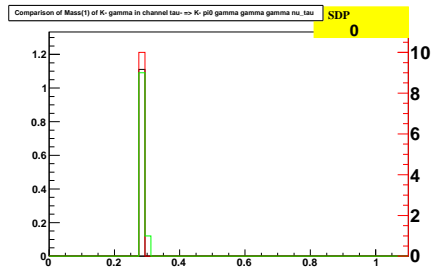
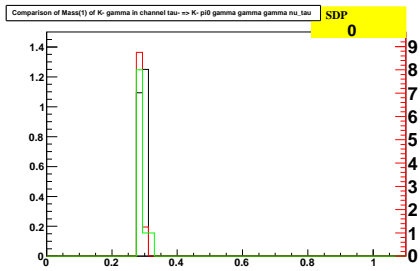
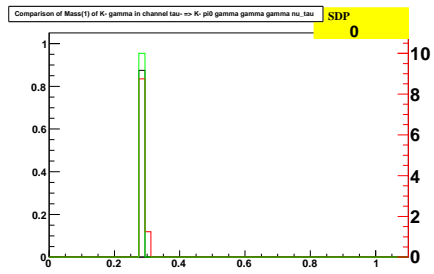
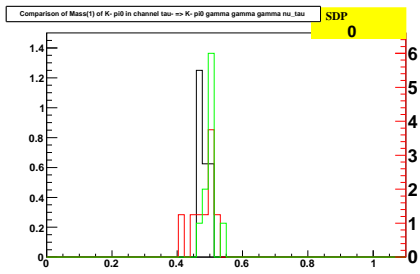


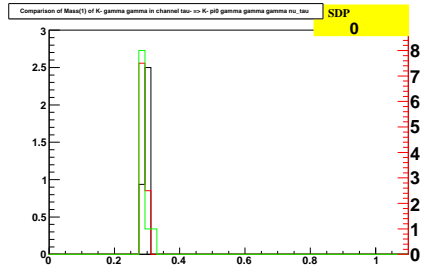
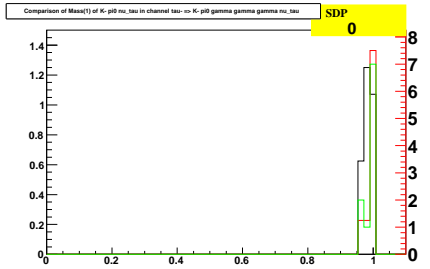
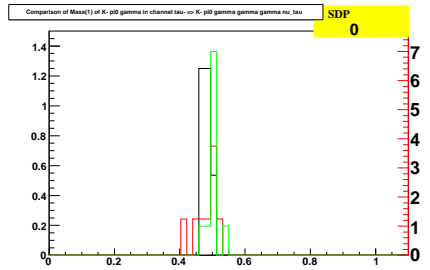
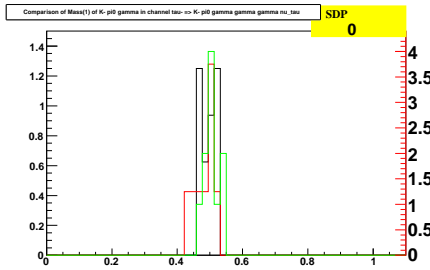
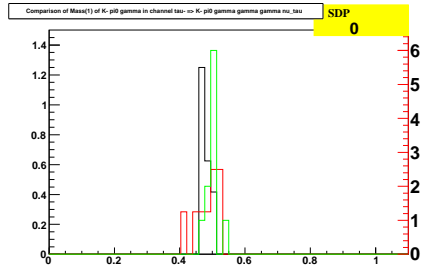
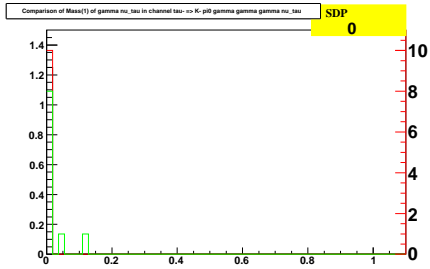
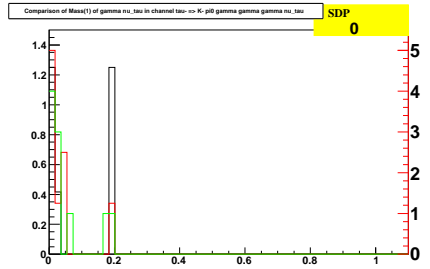
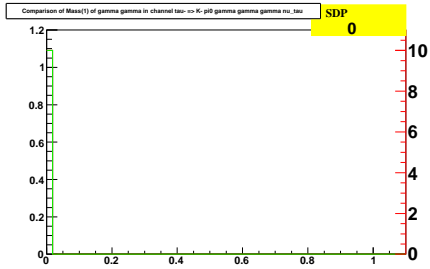
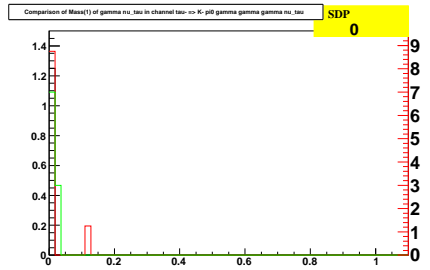
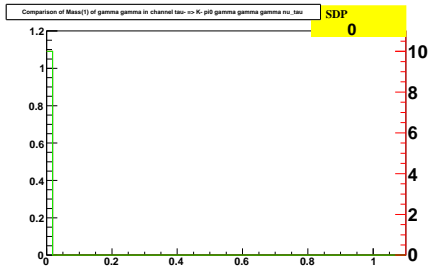
## 97 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \gamma \gamma \nu_\tau$

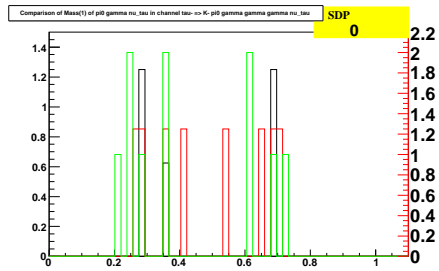
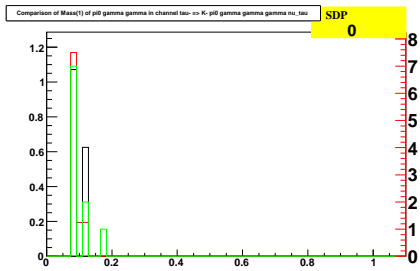
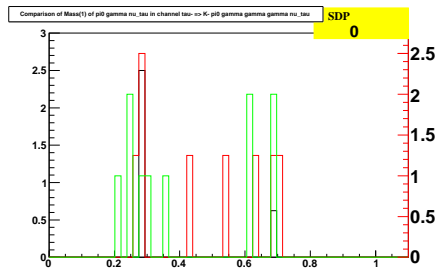
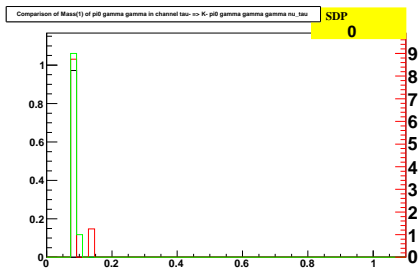
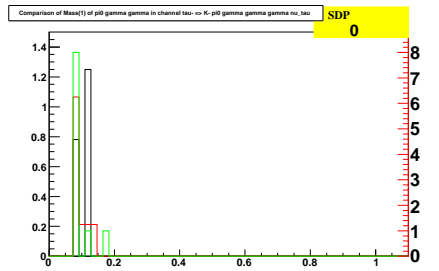
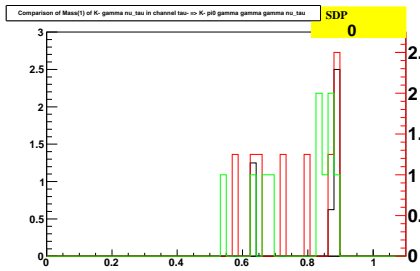
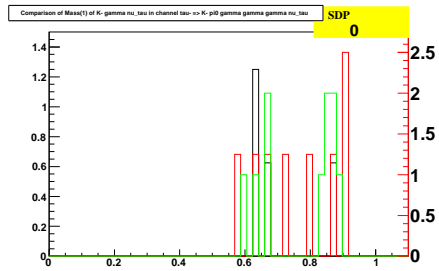
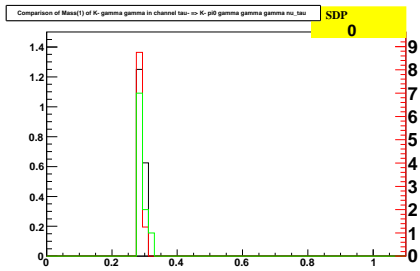
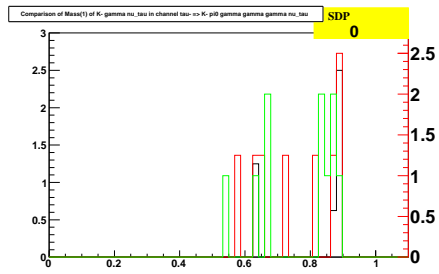
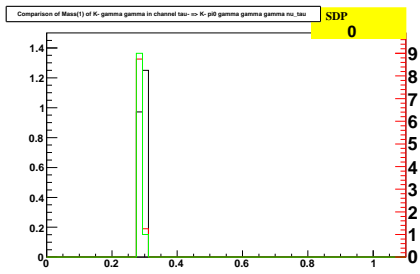
Number of events from generator 1: 8 (scaled to generator2)

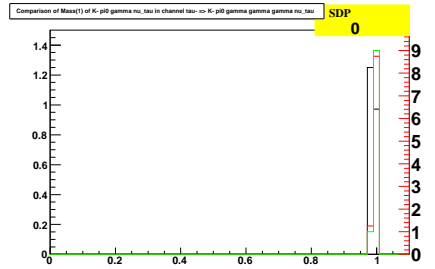
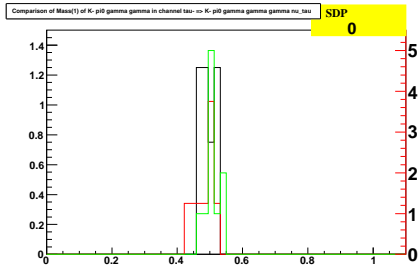
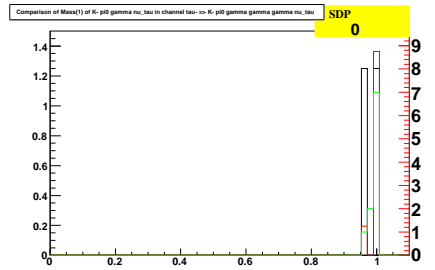
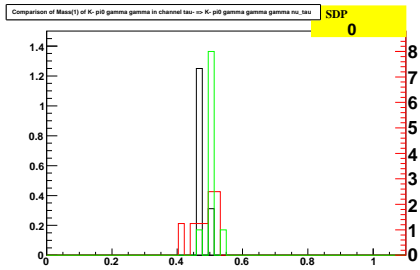
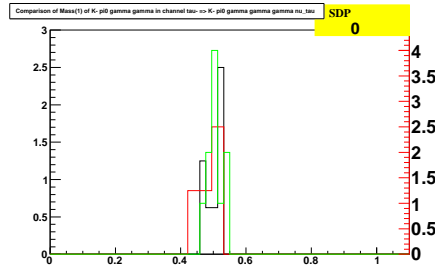
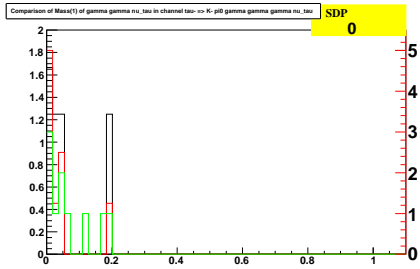
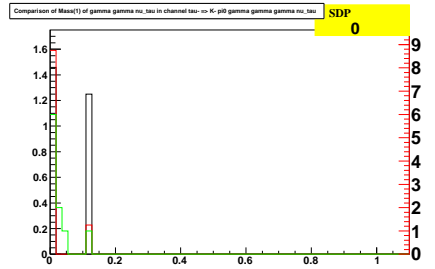
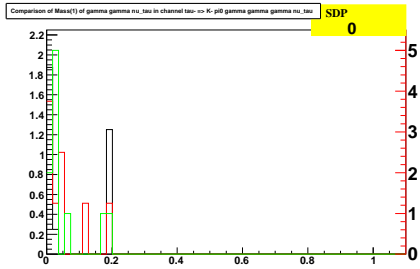
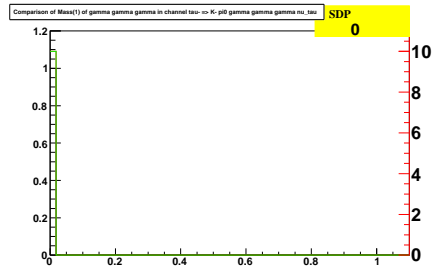
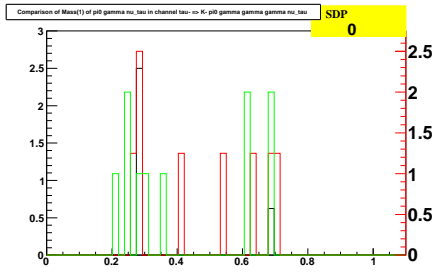
Number of events from generator 2: 10

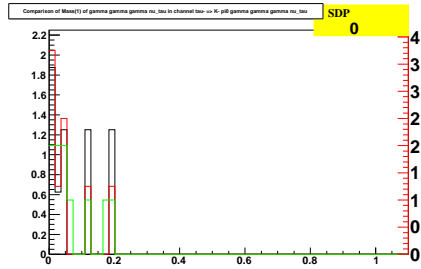
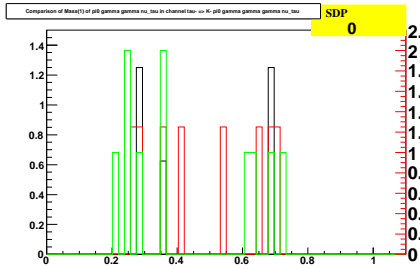
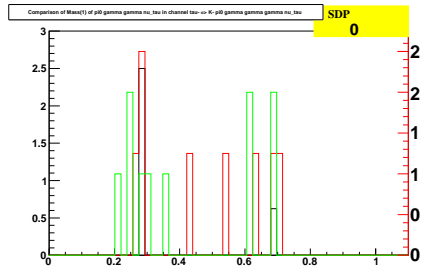
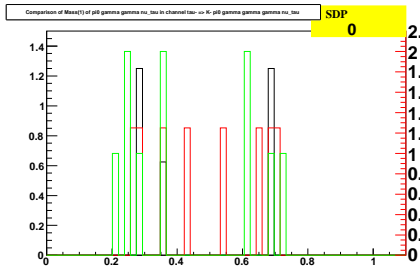
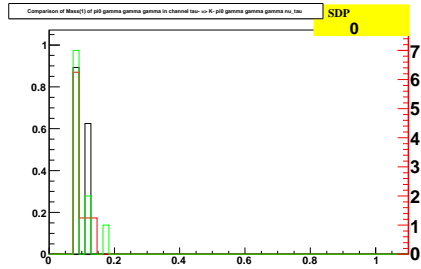
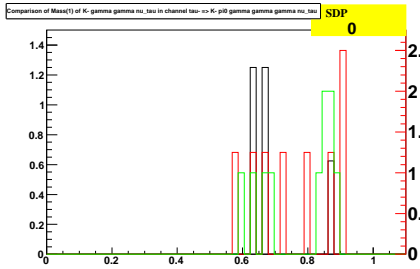
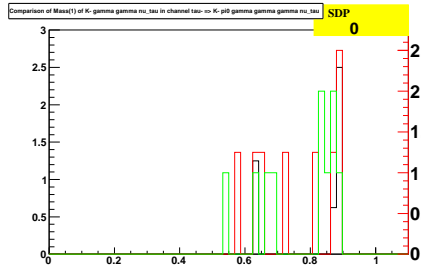
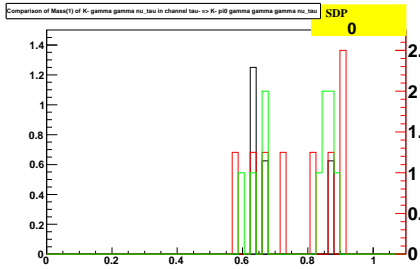
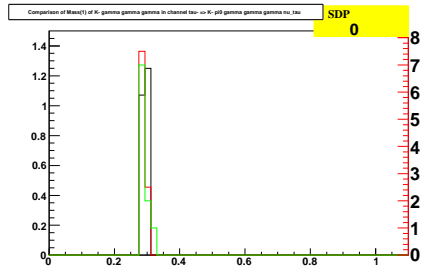
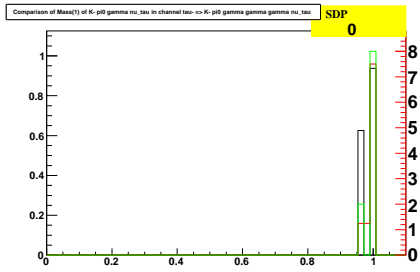


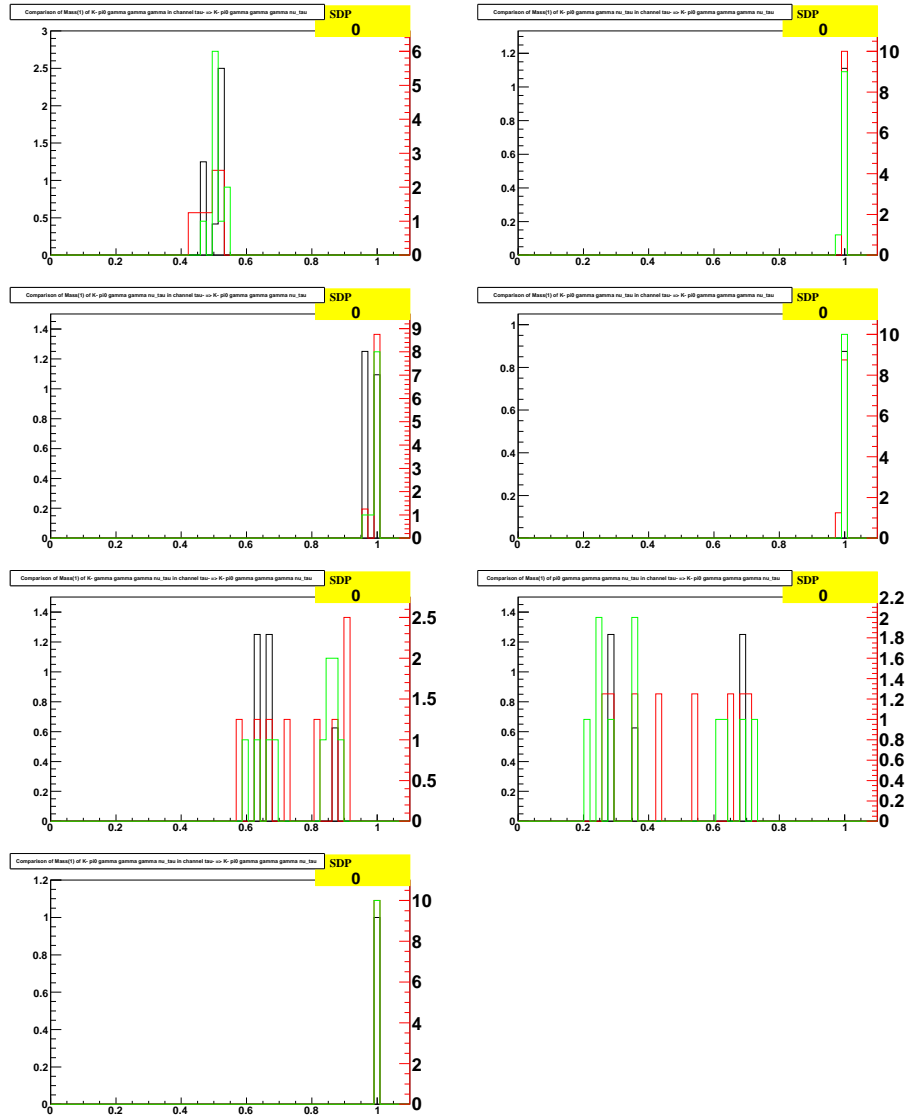








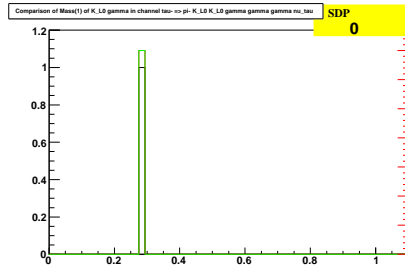
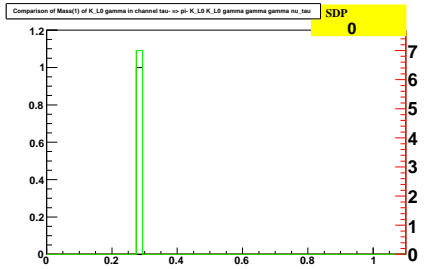
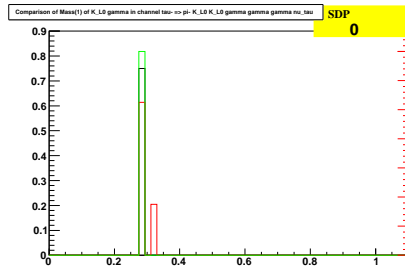
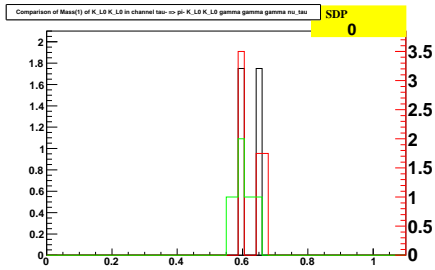
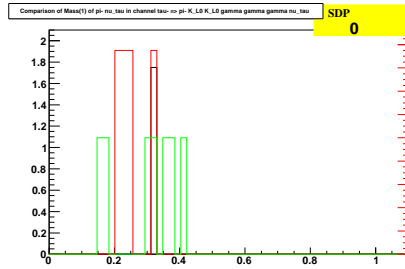
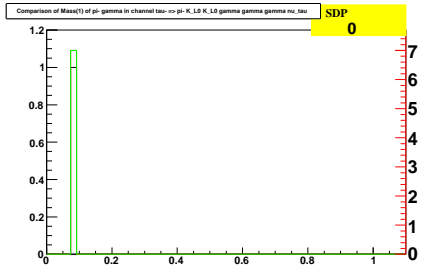
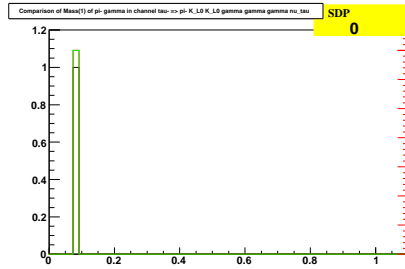
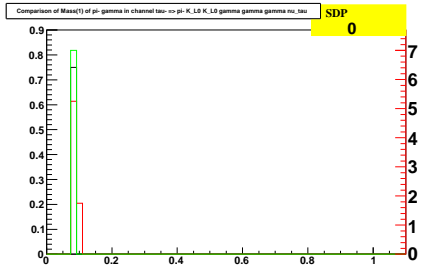
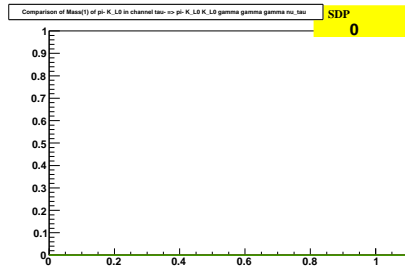
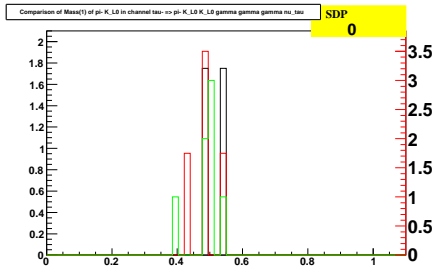


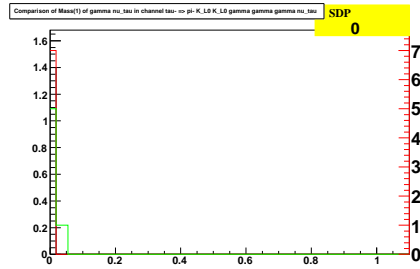
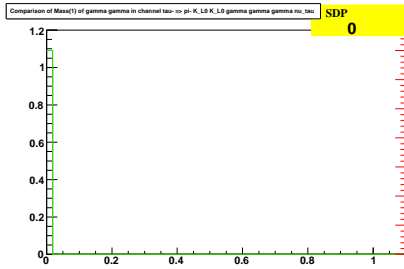
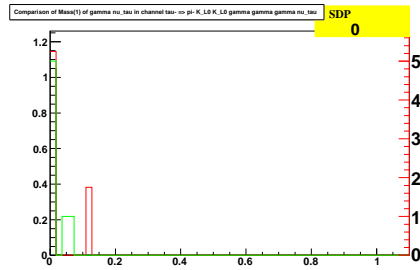
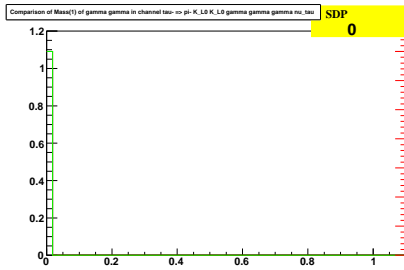
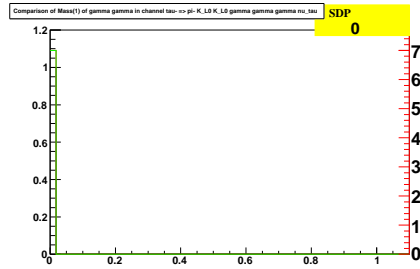
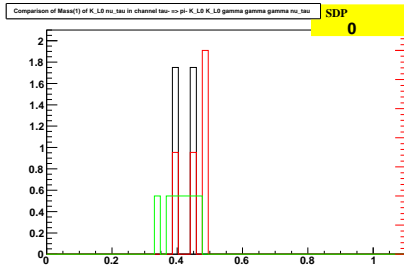
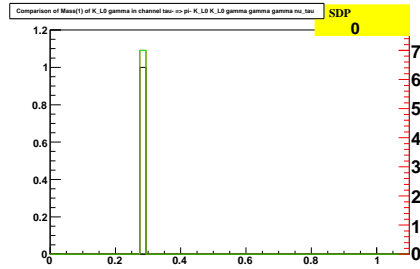
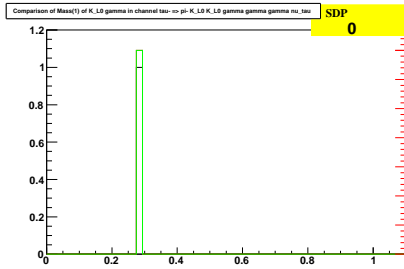
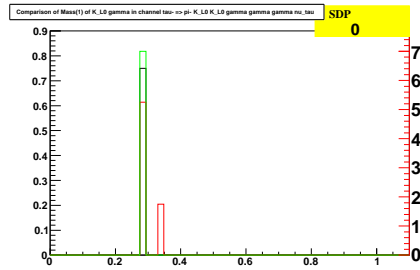
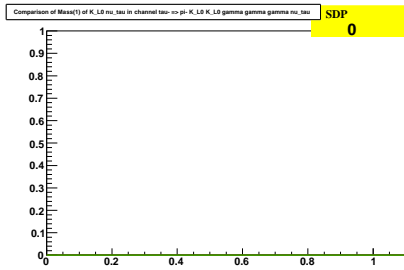


## 98 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 K_L^0 \gamma \gamma \nu_\tau$

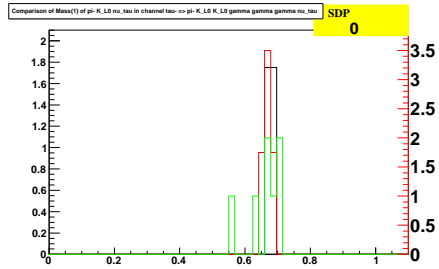
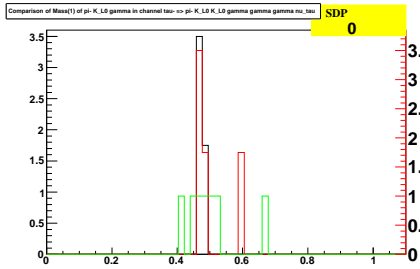
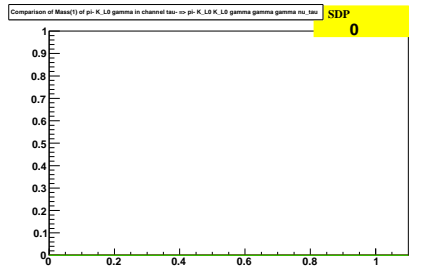
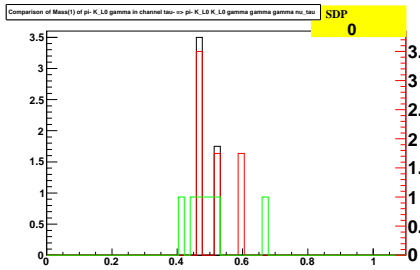
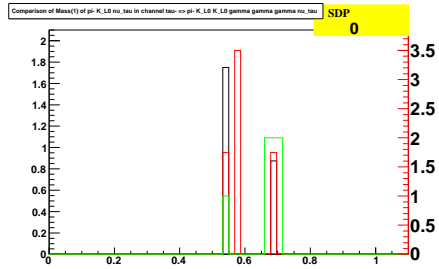
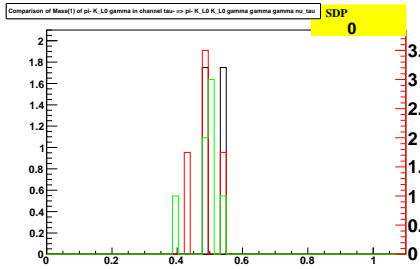
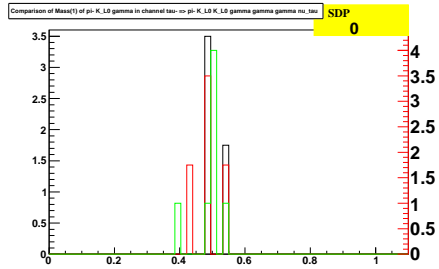
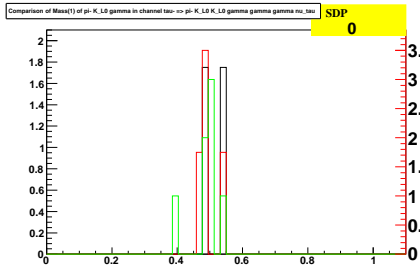
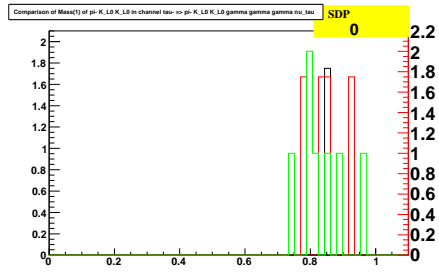
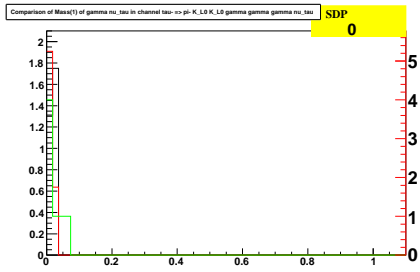
Number of events from generator 1: 4 (scaled to generator2)

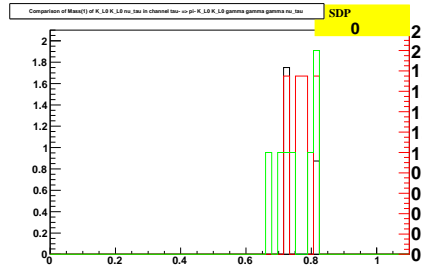
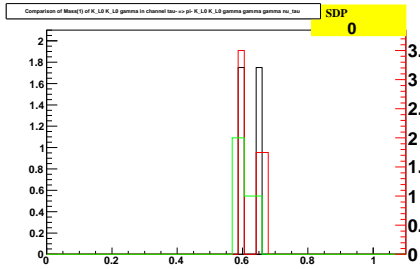
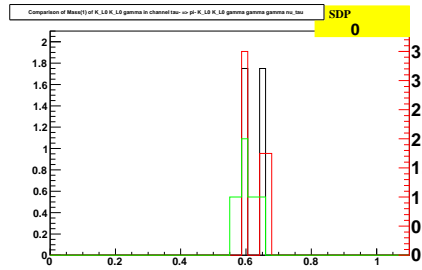
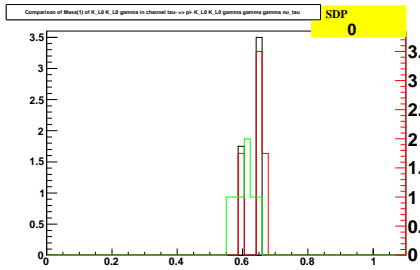
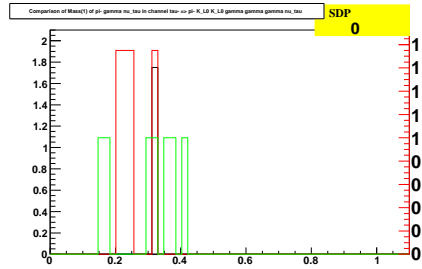
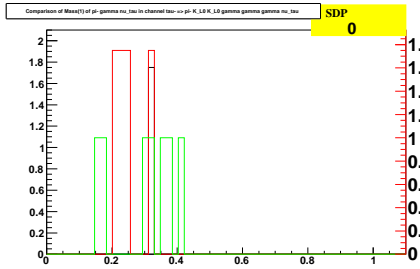
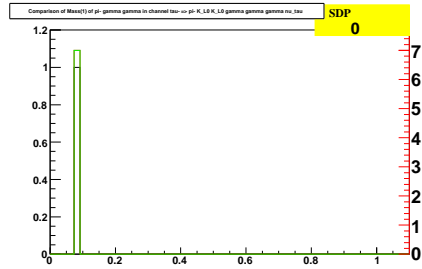
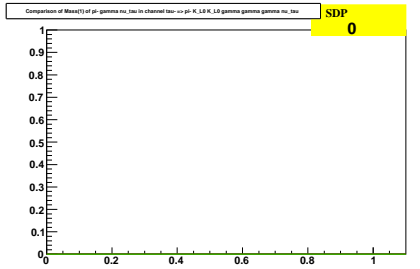
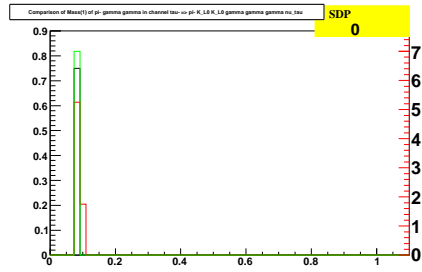
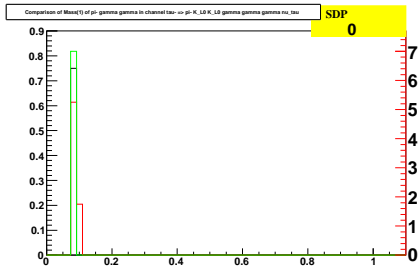
Number of events from generator 2: 7

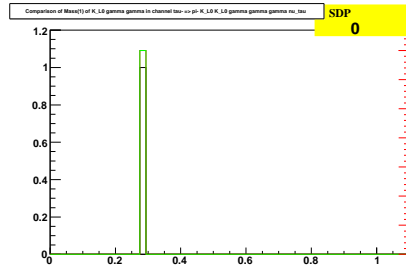
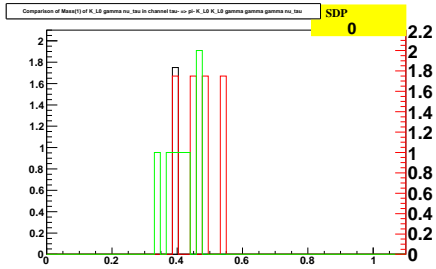
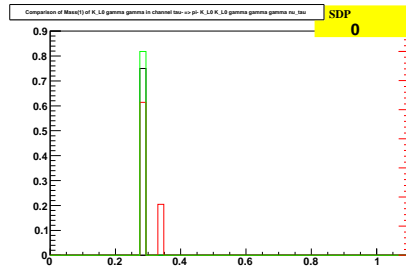
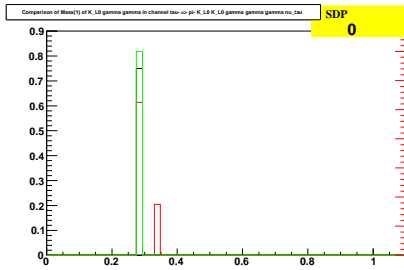
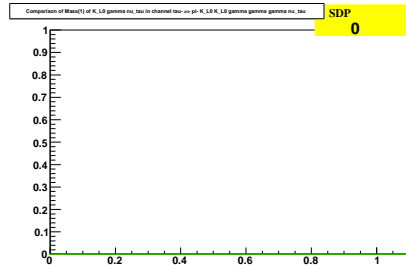
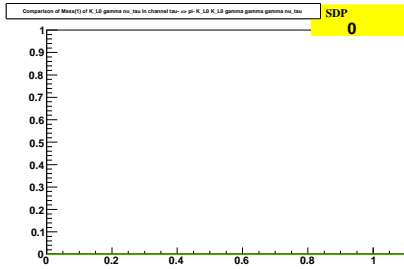
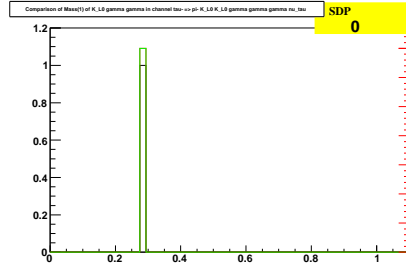
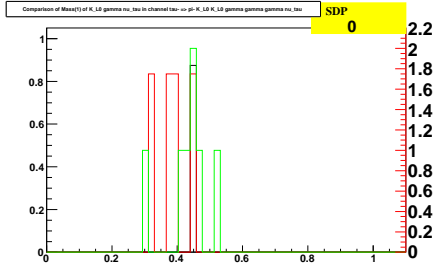
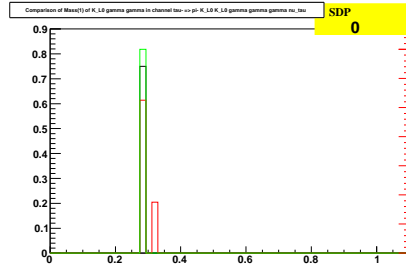
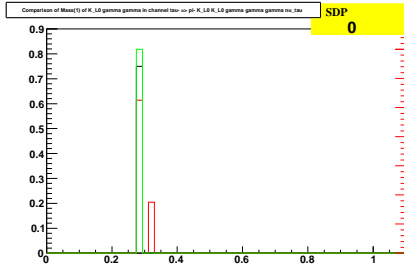


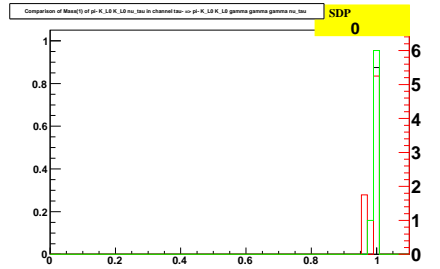
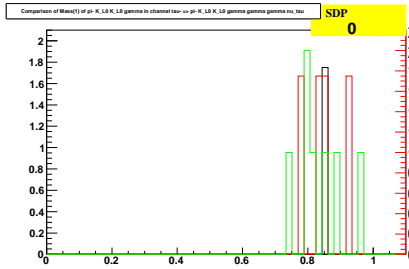
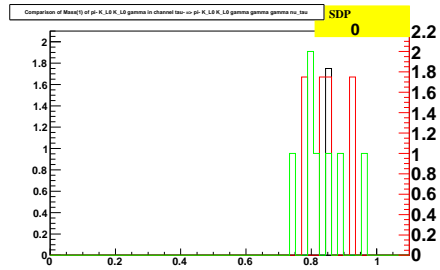
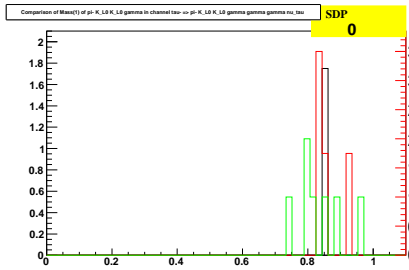
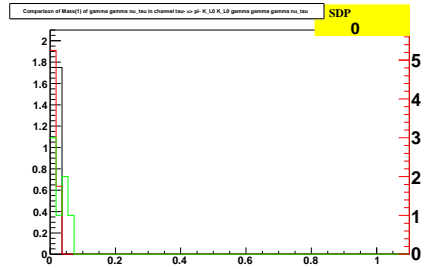
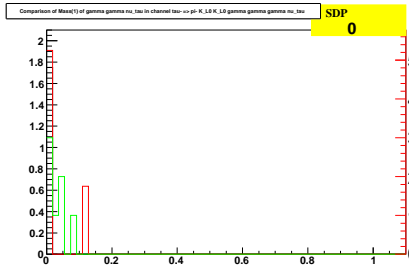
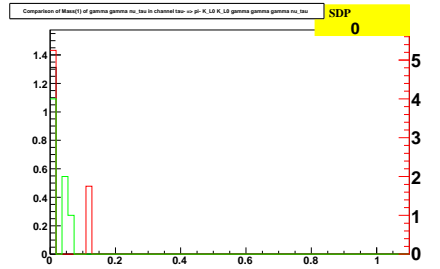
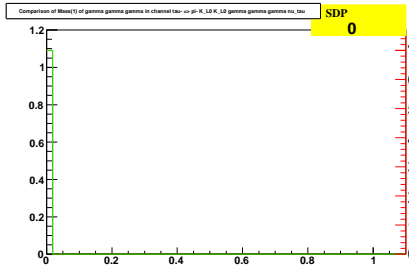
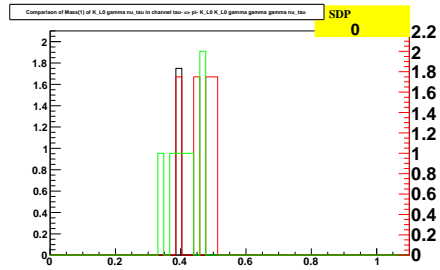
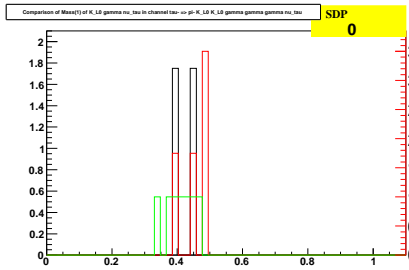


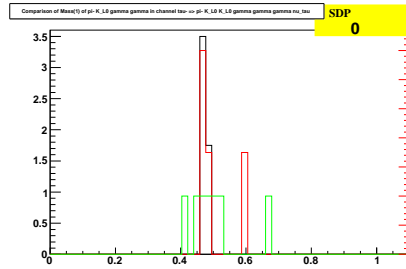
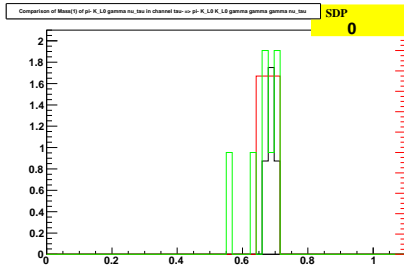
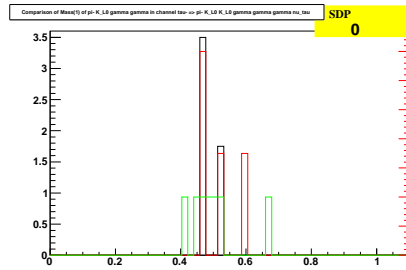
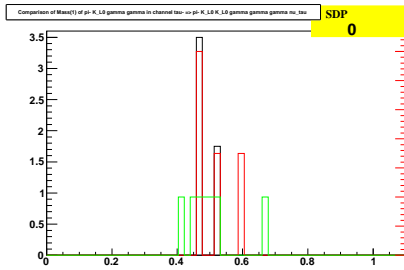
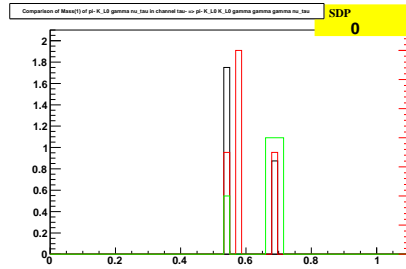
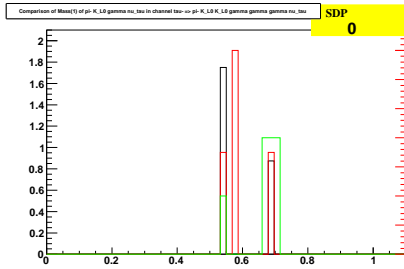
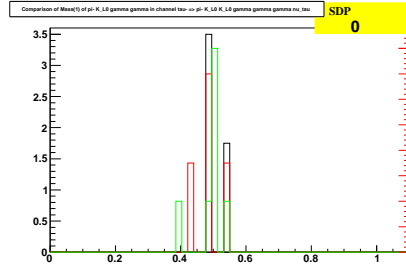
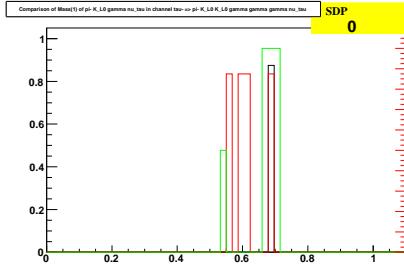
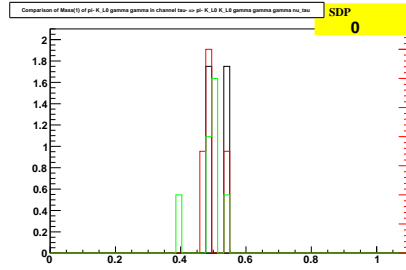
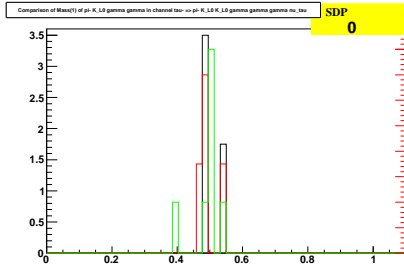


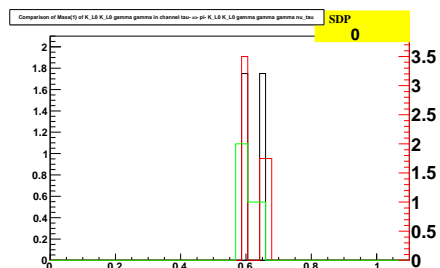
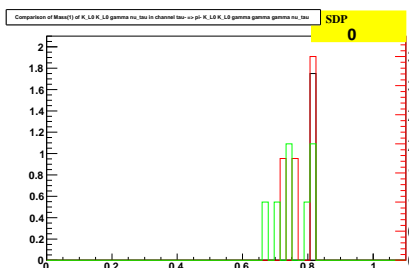
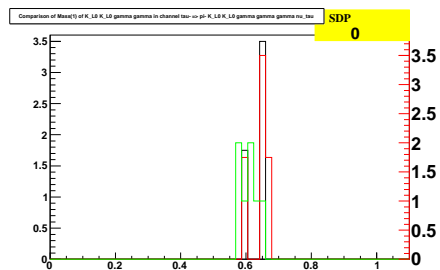
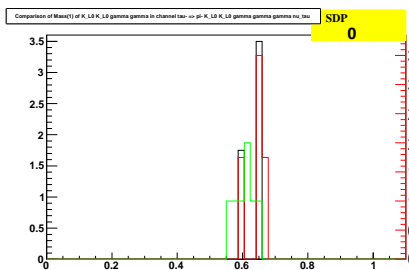
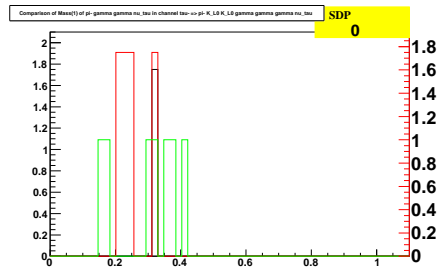
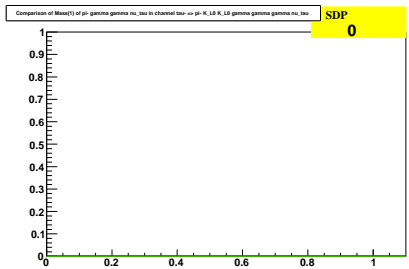
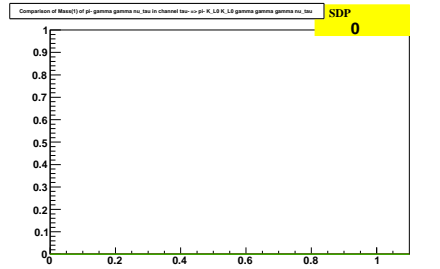
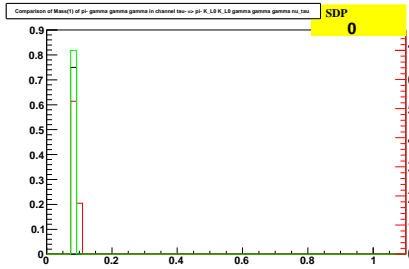
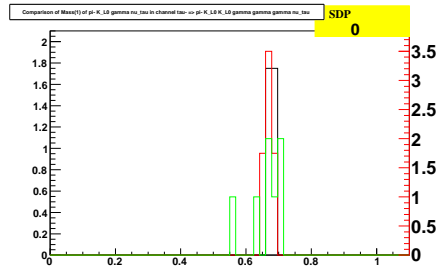
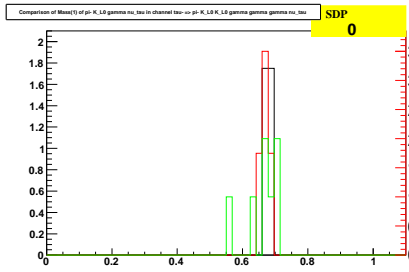


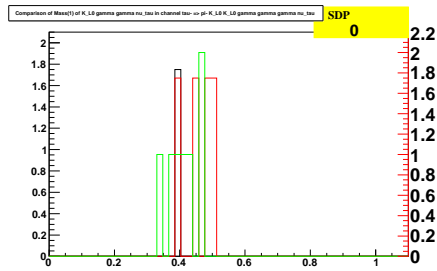
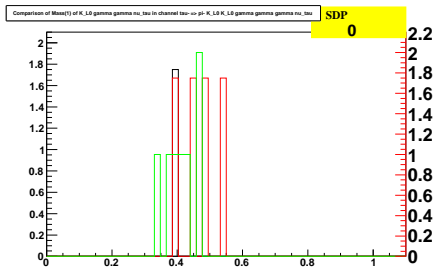
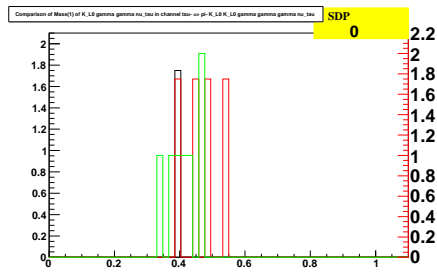
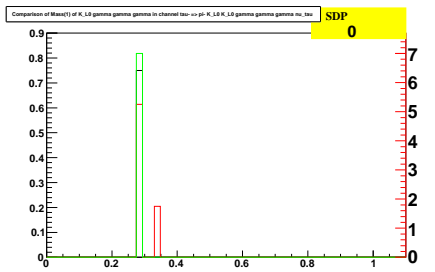
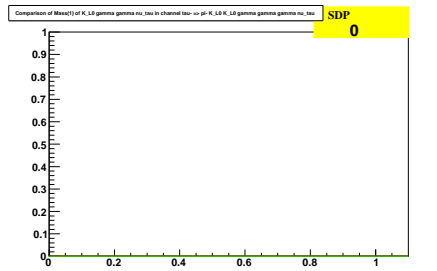
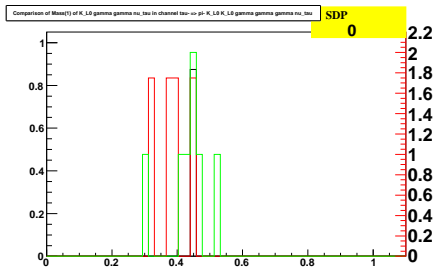
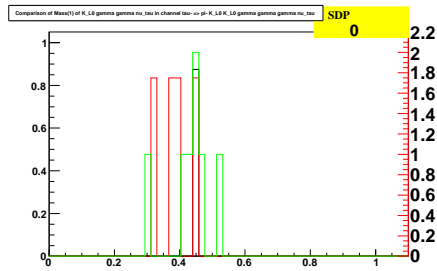
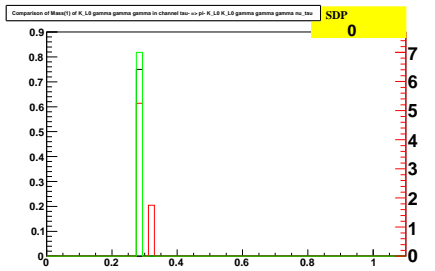
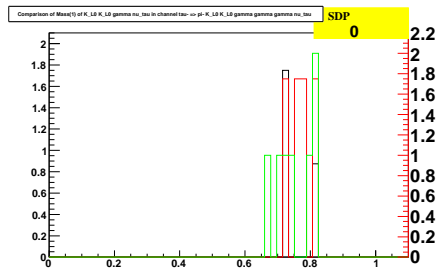
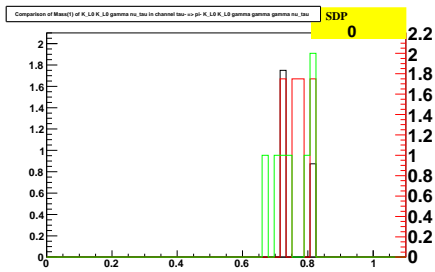


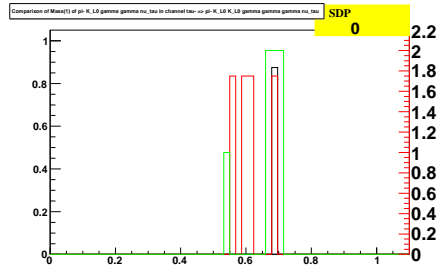
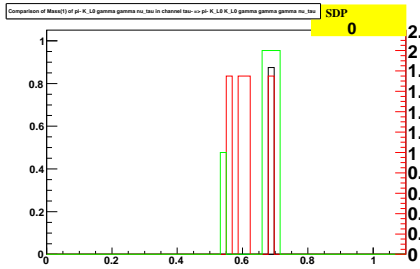
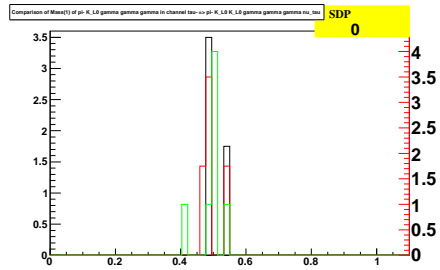
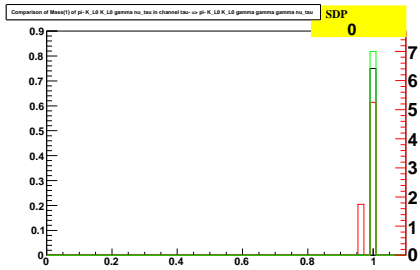
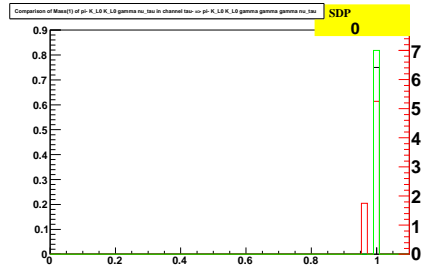
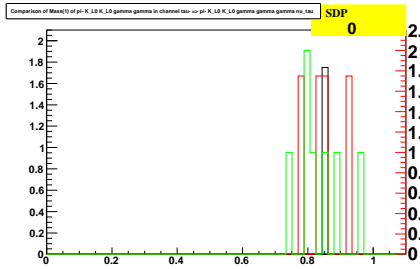
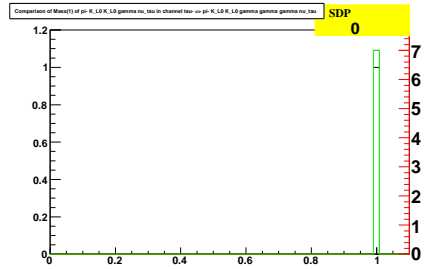
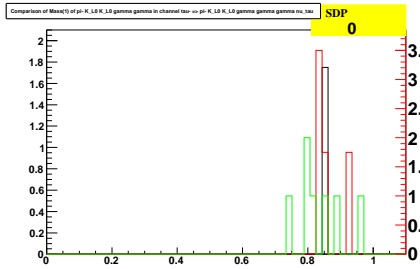
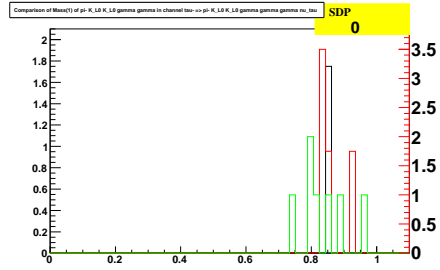
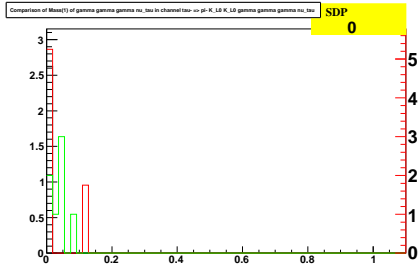




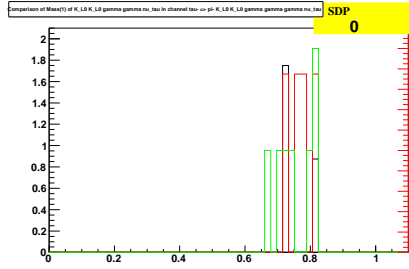
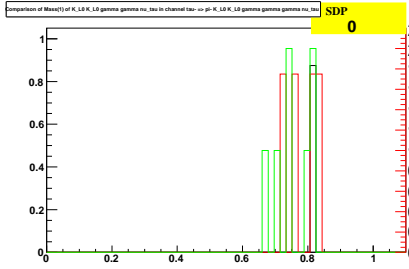
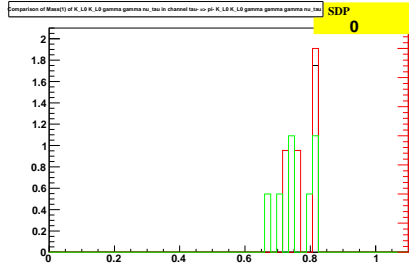
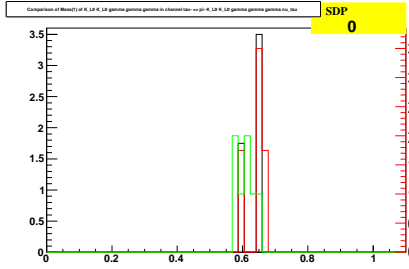
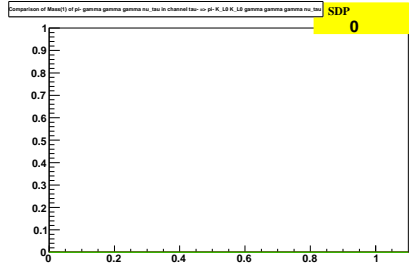
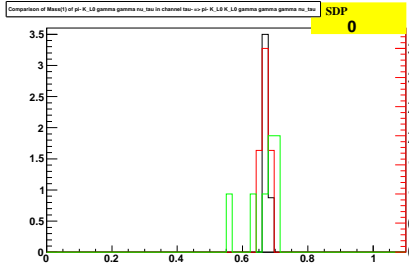
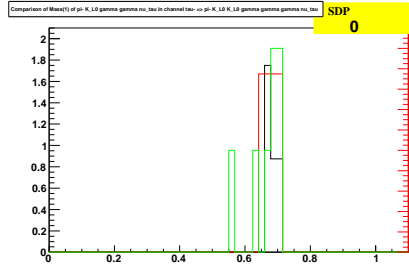
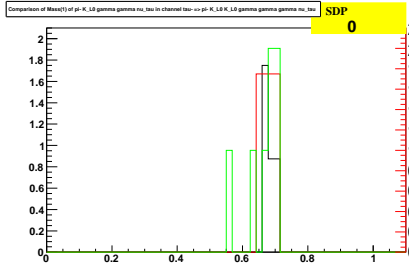
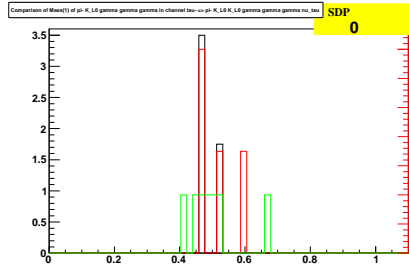
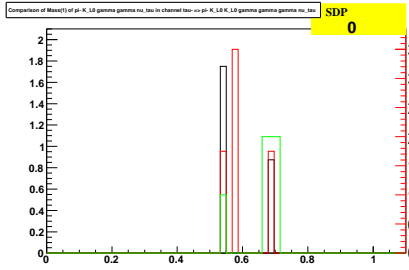


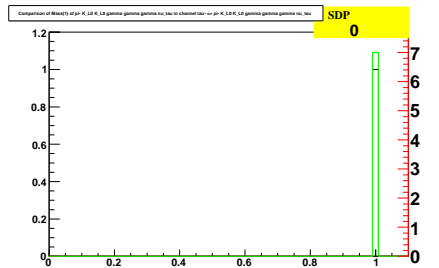
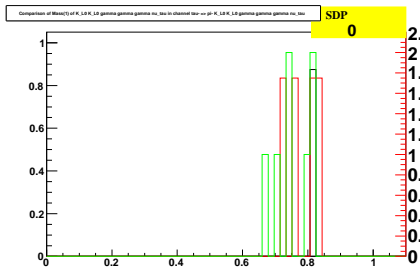
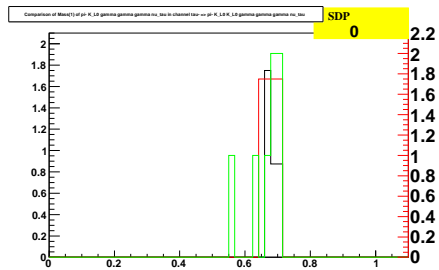
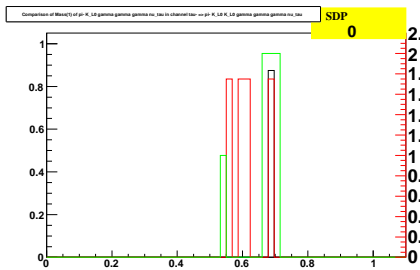
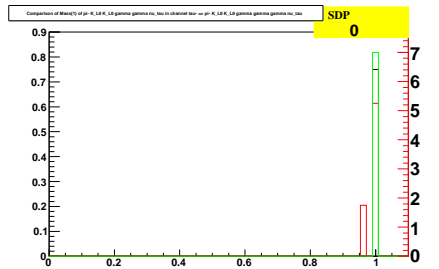
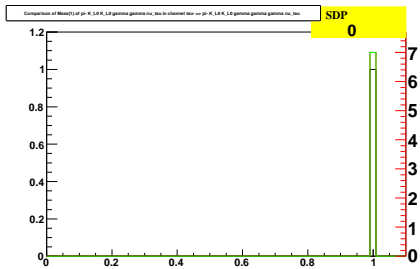
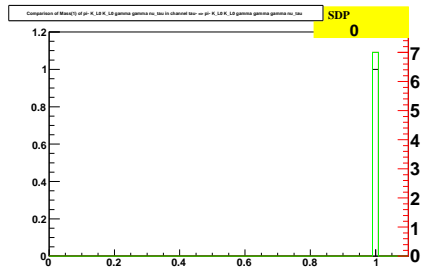
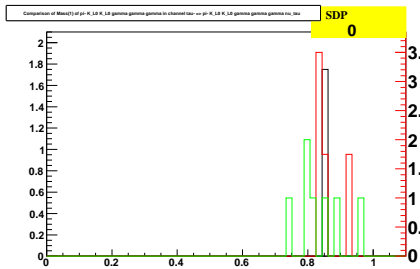
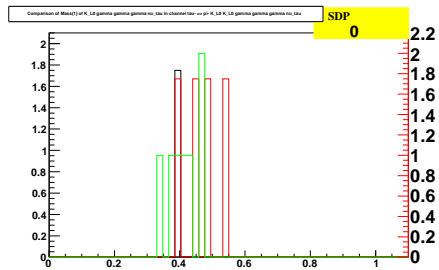
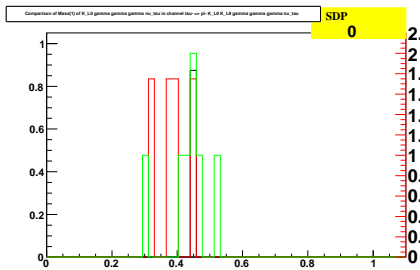








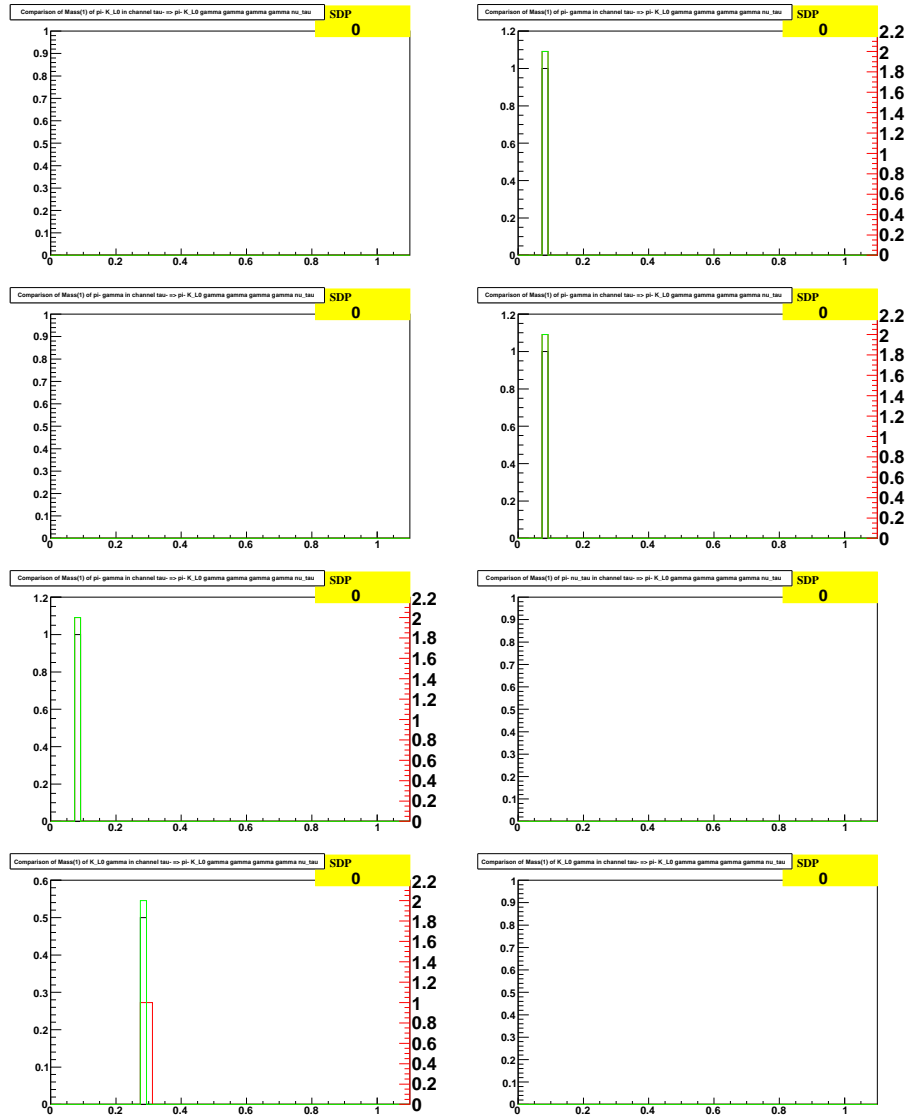


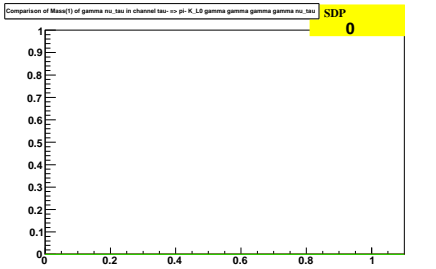
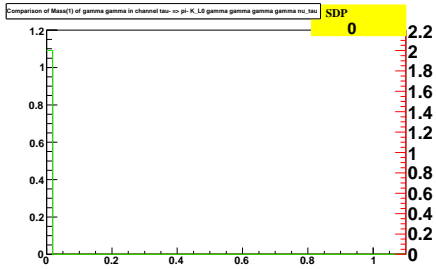
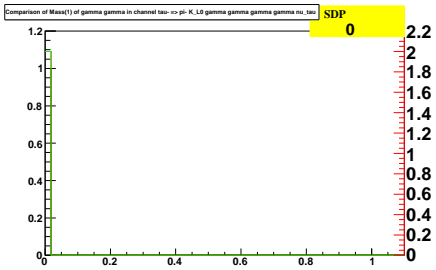
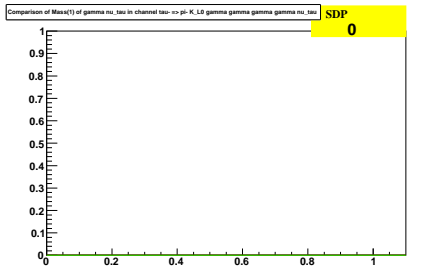
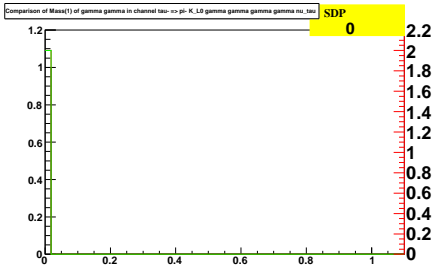
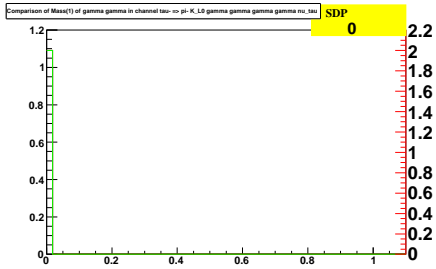
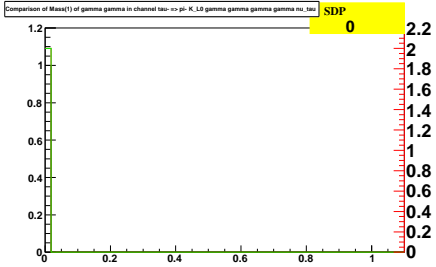
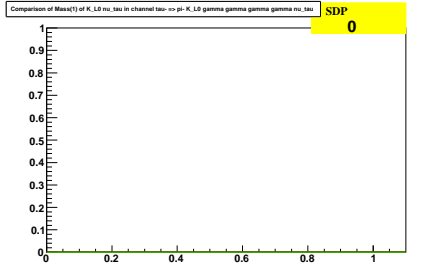
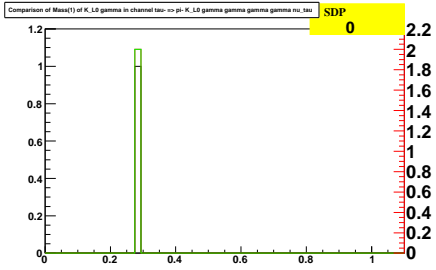
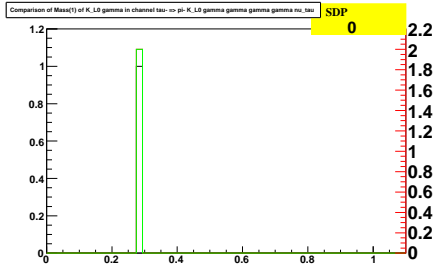


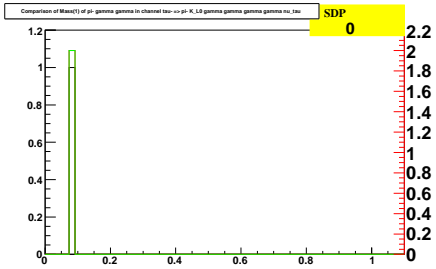
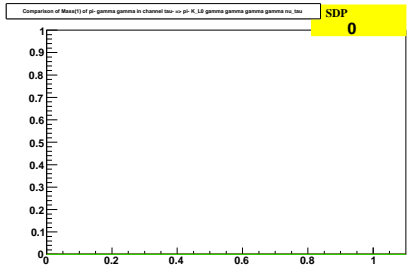
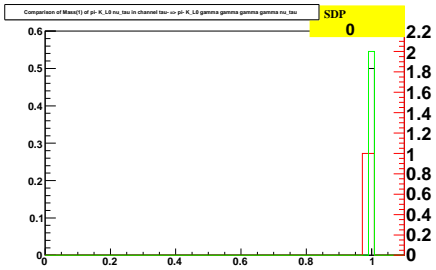
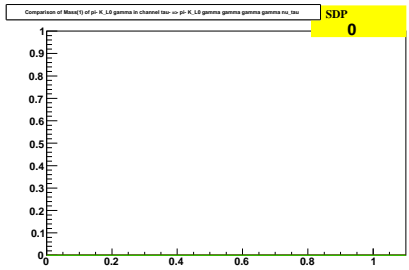
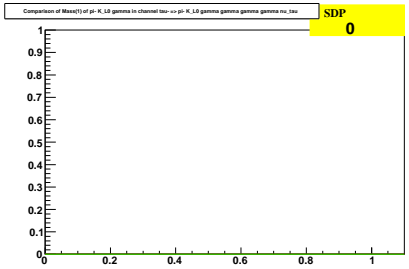
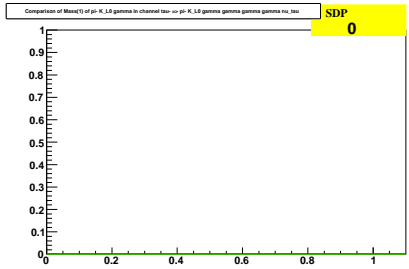
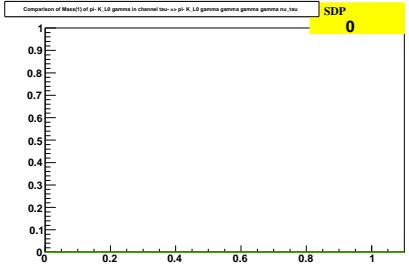
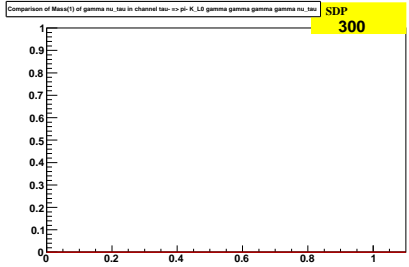
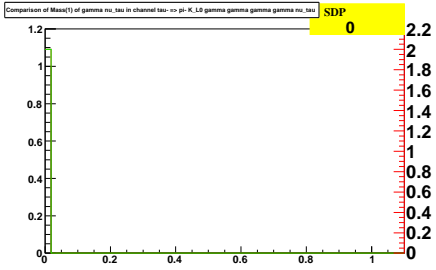
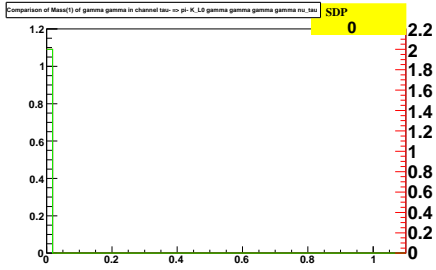
## 99 Decay Channel: $\tau^- \rightarrow \pi^- K_L^0 \gamma \gamma \gamma \nu_\tau$

Number of events from generator 1: 2

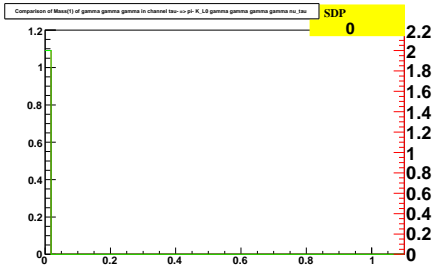
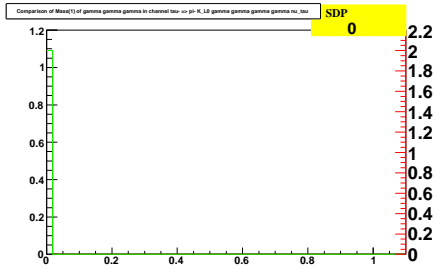
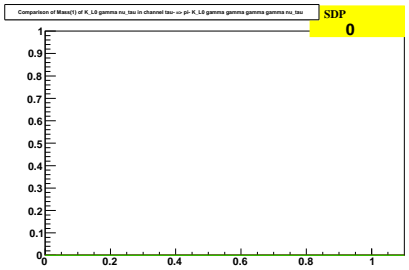
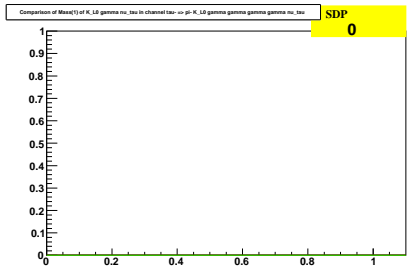
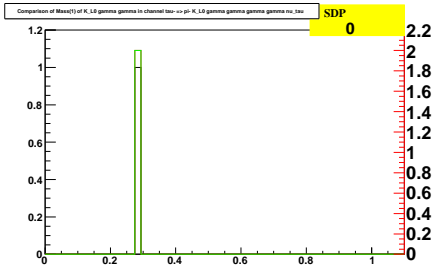
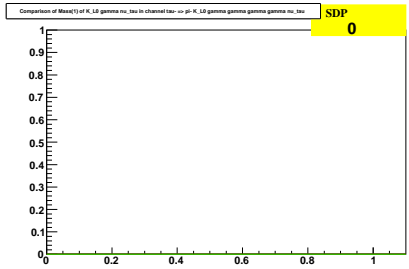
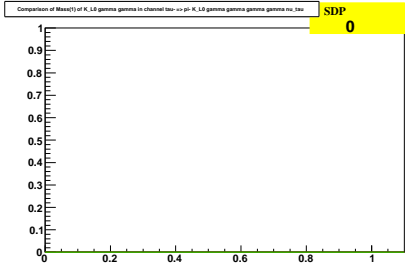
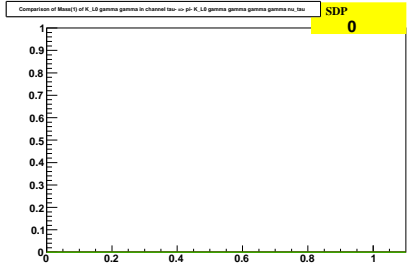
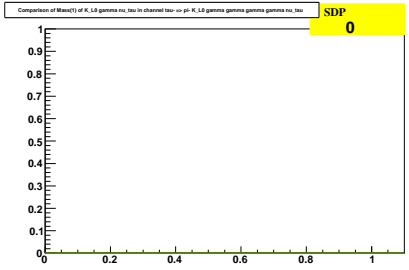
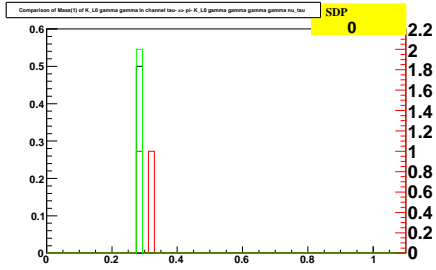
Number of events from generator 2: 1 (scaled to generator1)

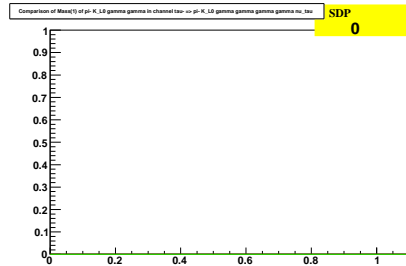
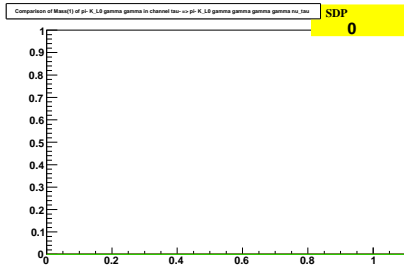
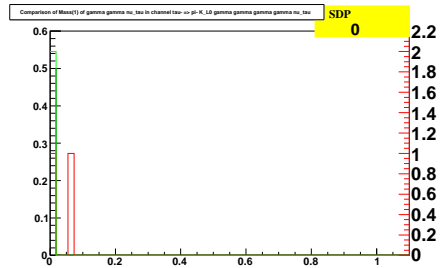
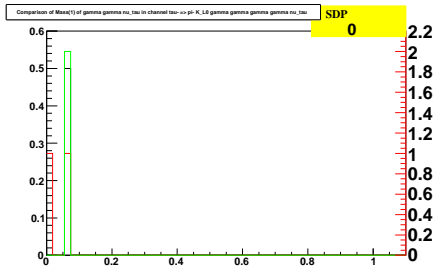
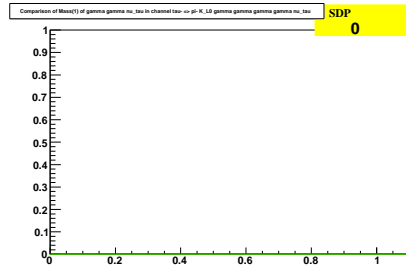
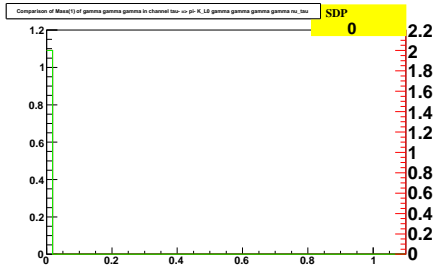
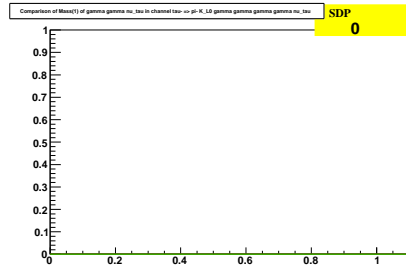
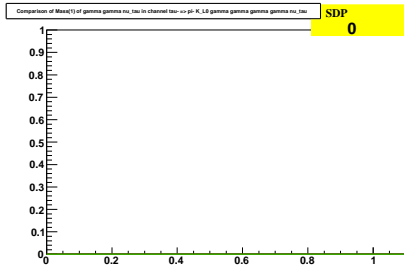
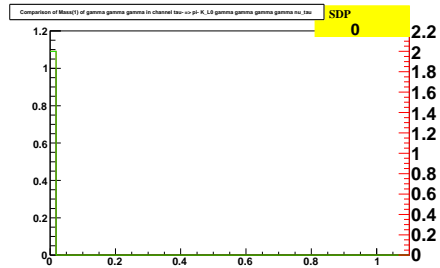
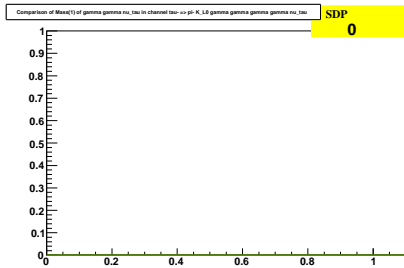




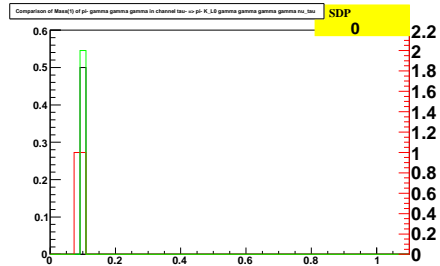
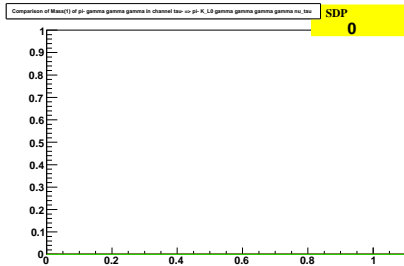
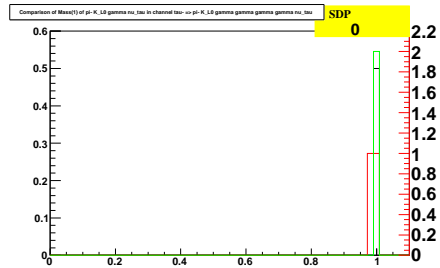
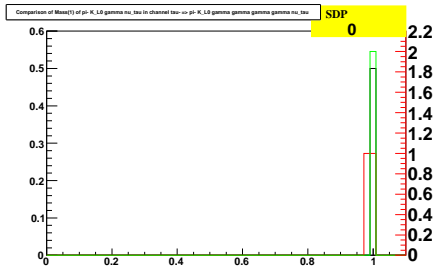
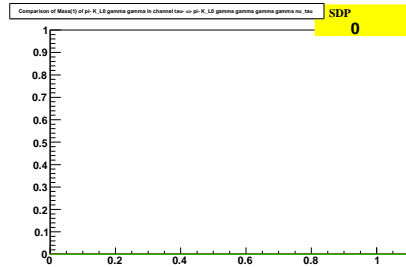
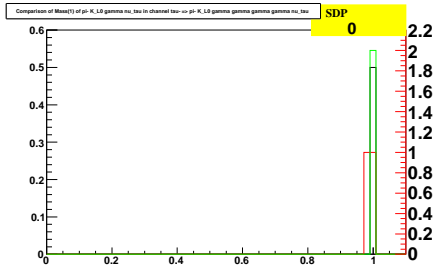
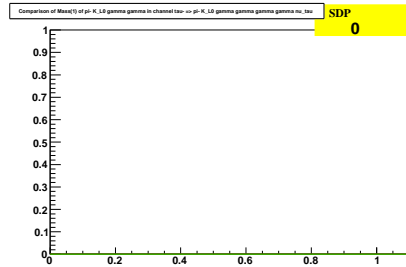
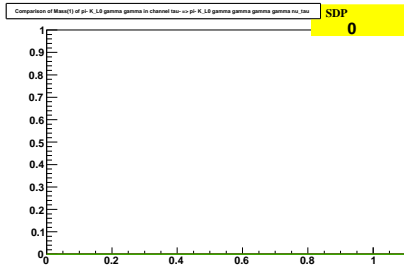
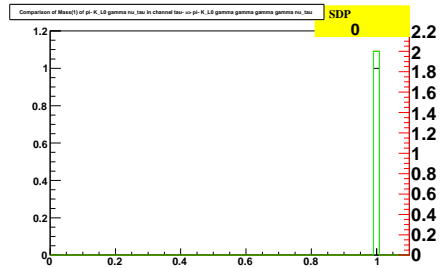
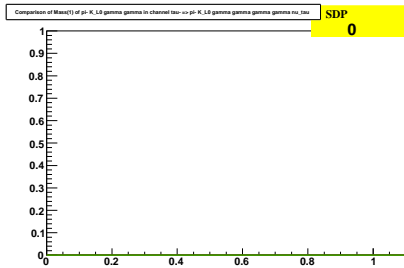


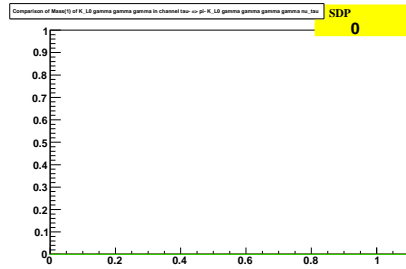
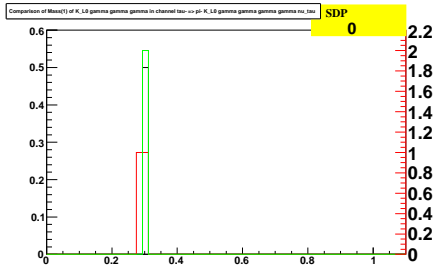
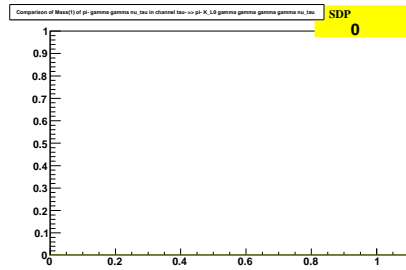
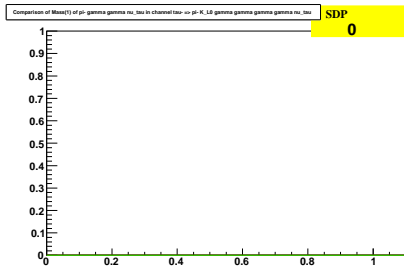
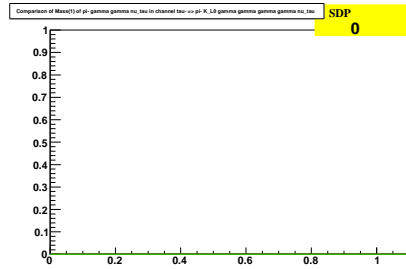
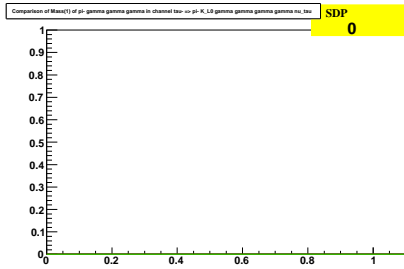
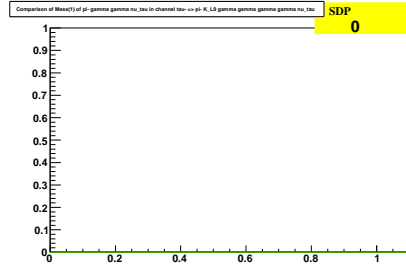
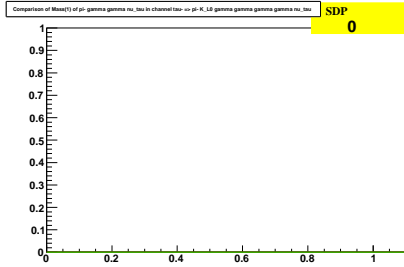
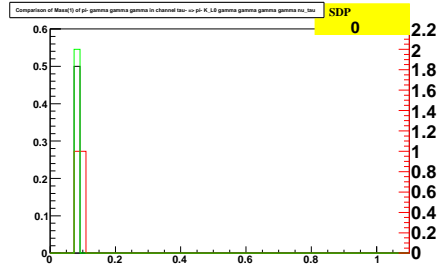
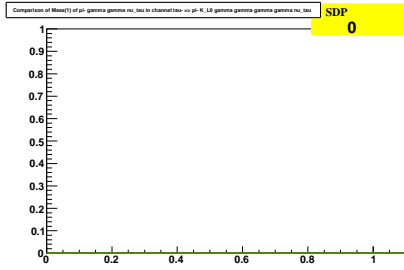


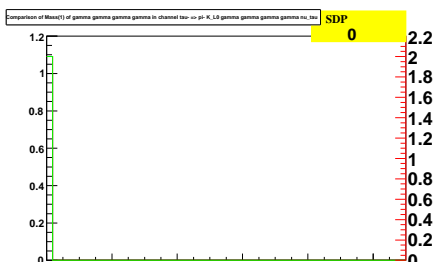
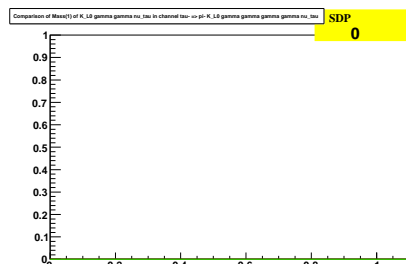
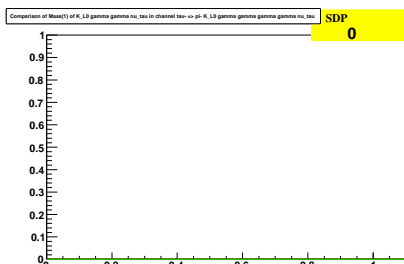
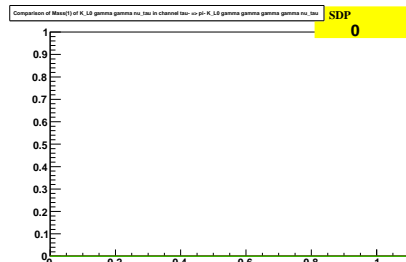
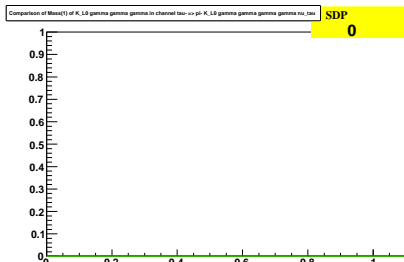
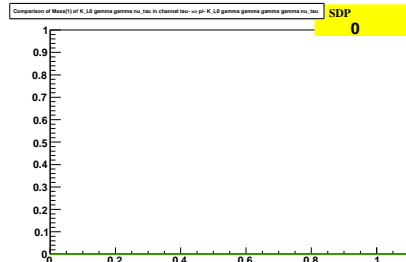
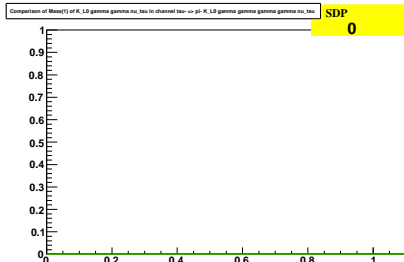
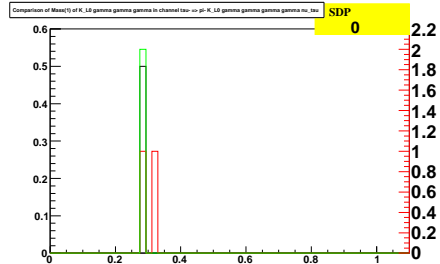
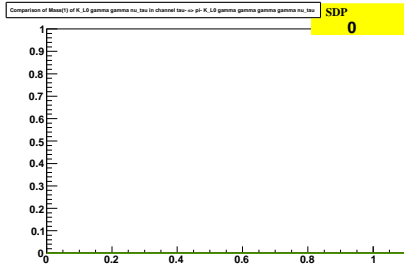


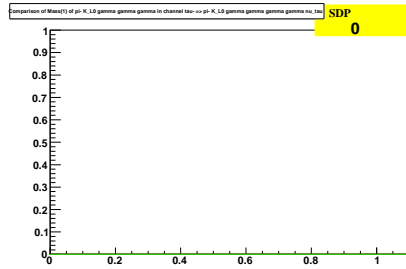
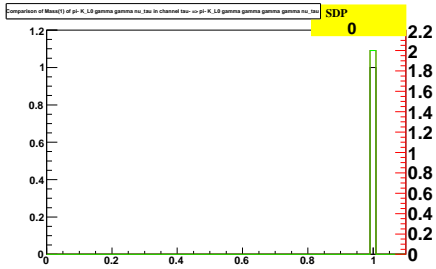
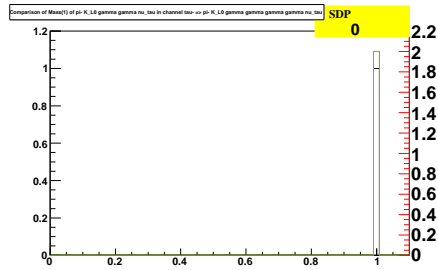
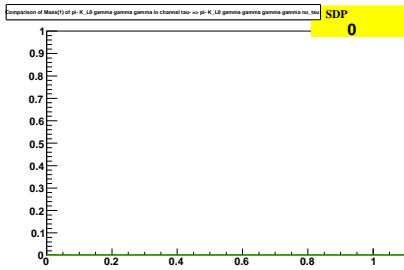
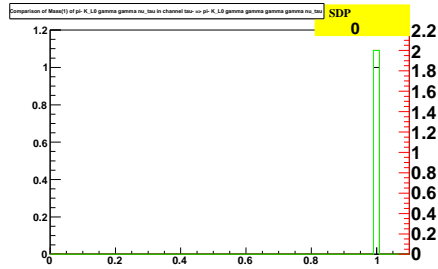
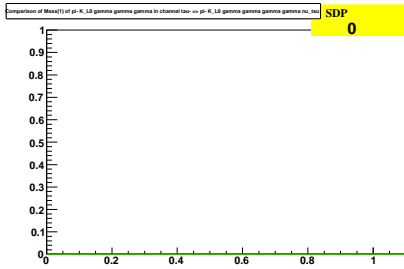
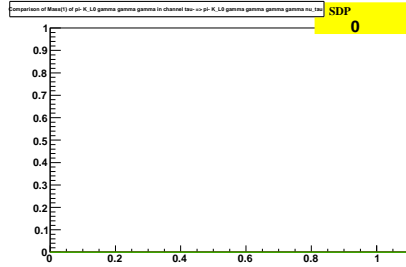
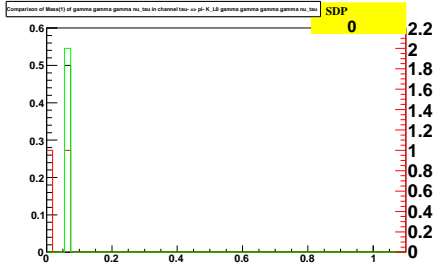
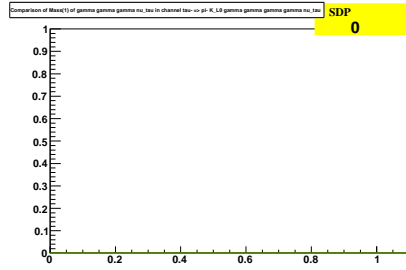
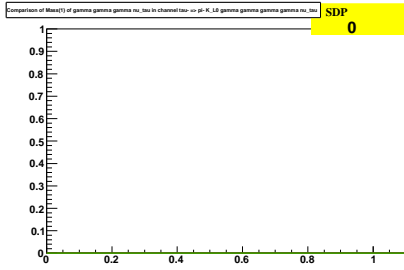


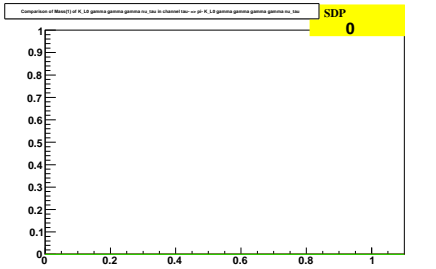
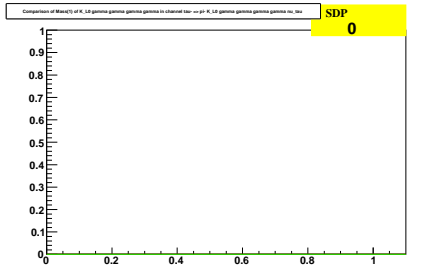
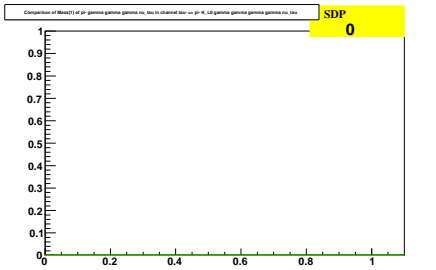
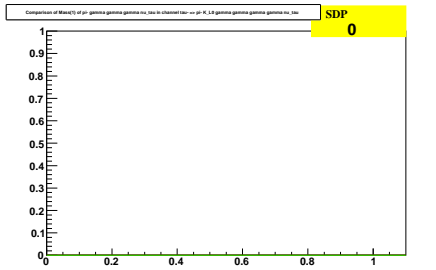
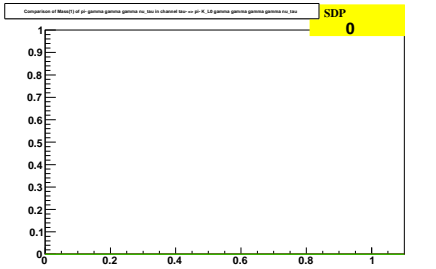
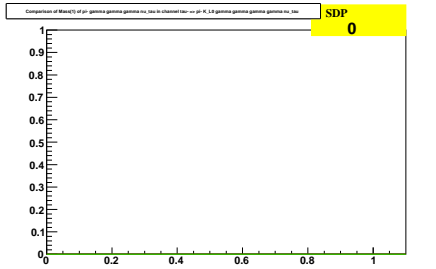
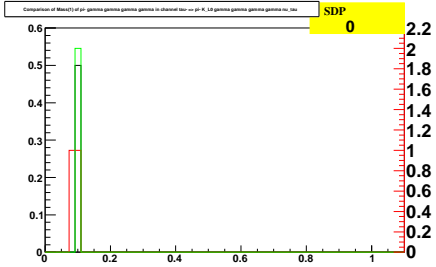
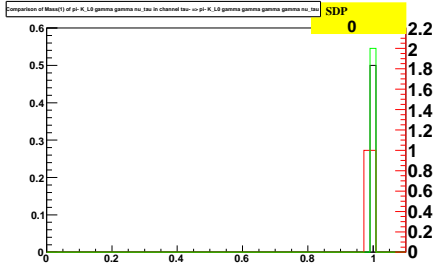
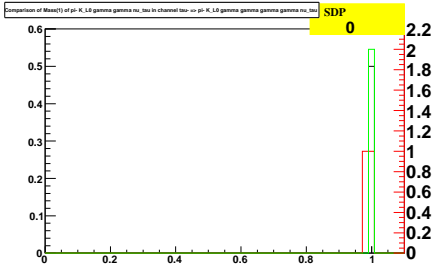
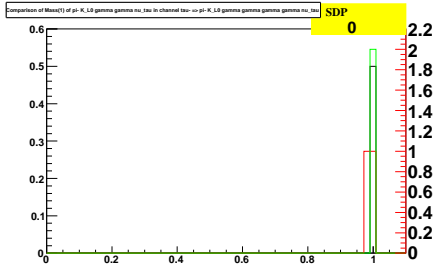


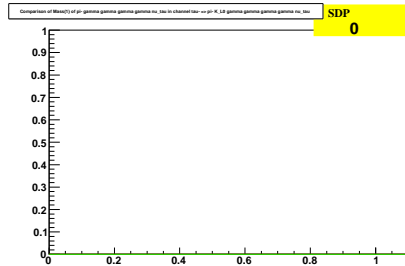
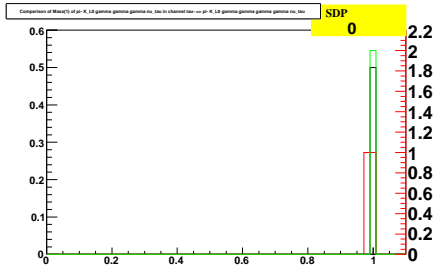
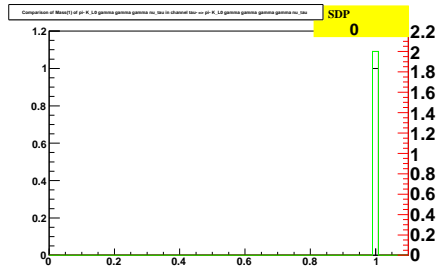
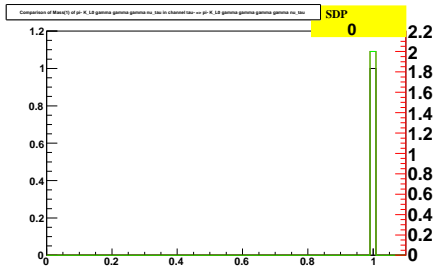
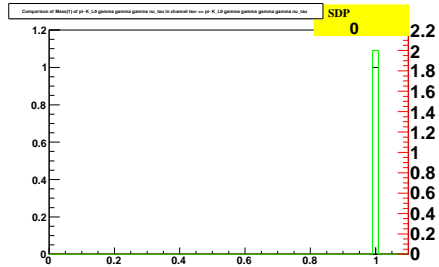
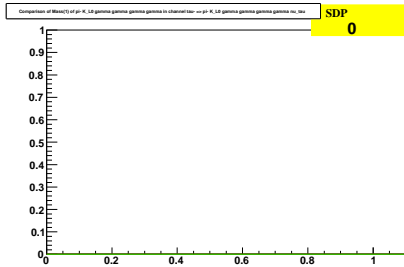
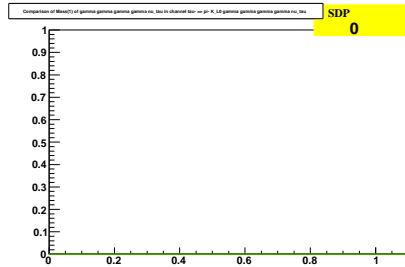
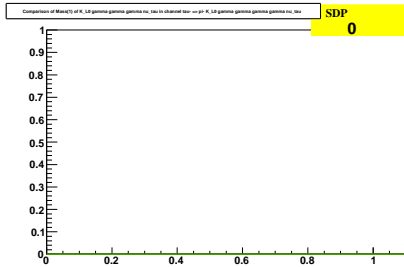
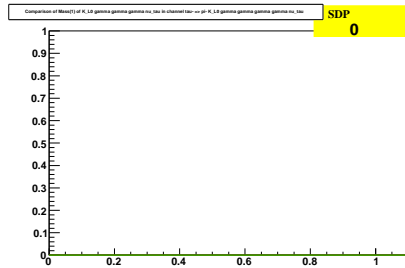
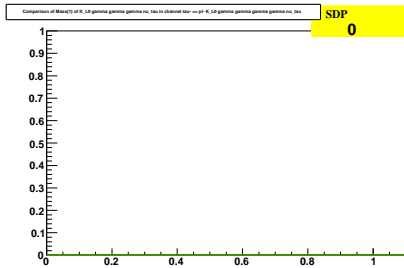


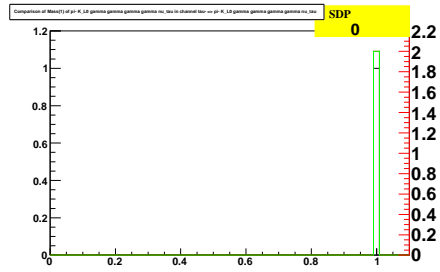
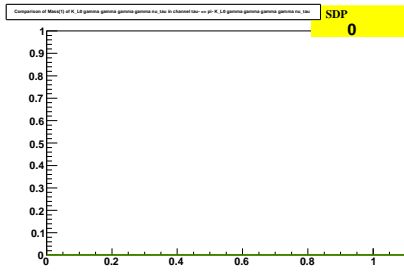








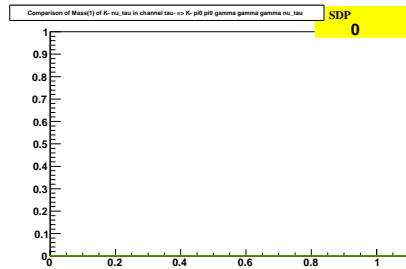
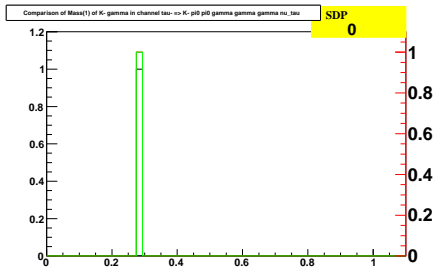
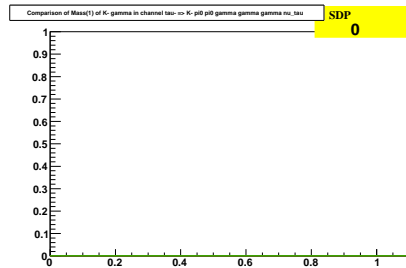
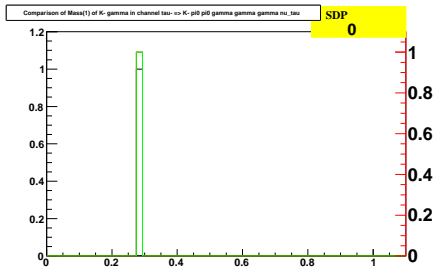
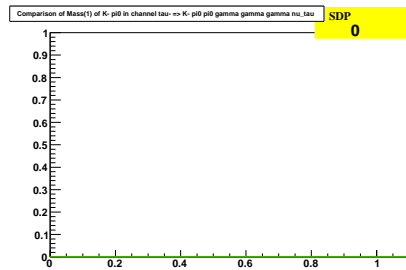
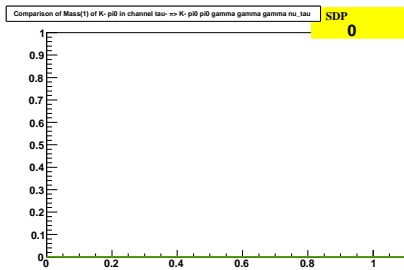


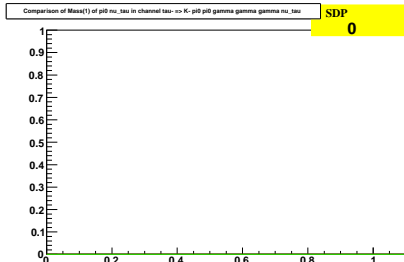
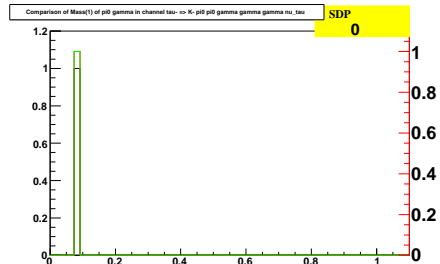
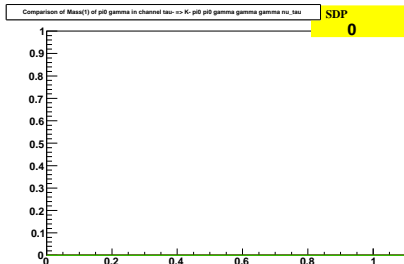
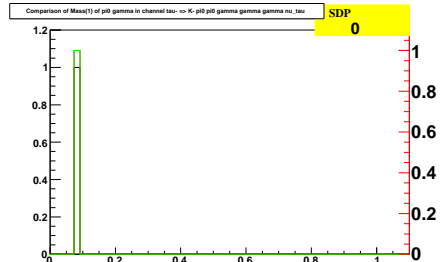
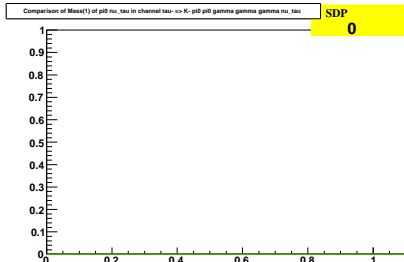
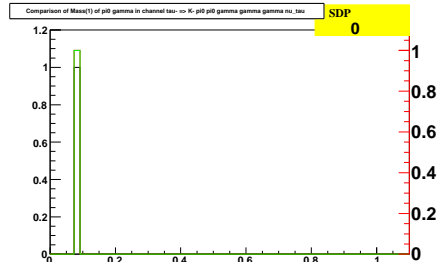
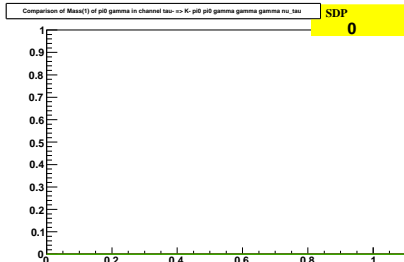
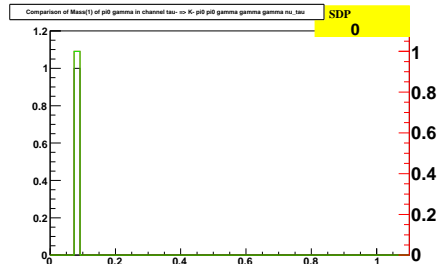
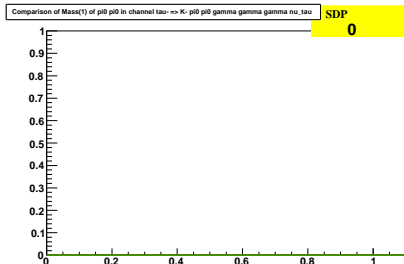


## 100 Decay Channel: $\tau^- \rightarrow K^- \pi^0 \pi^0 \gamma \gamma \nu \tau$

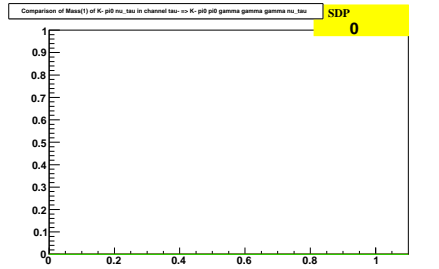
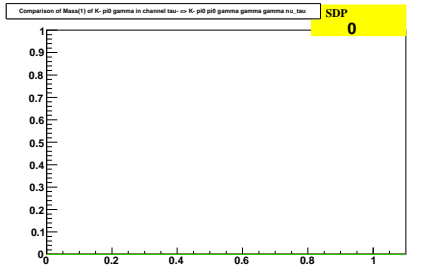
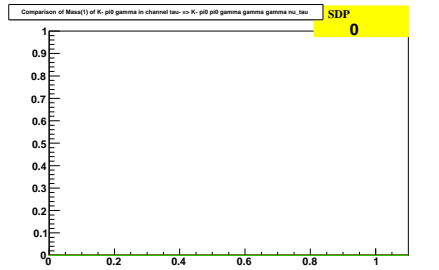
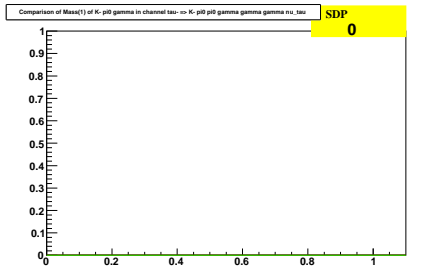
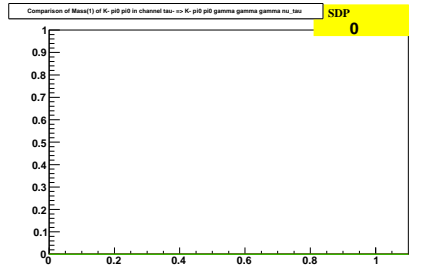
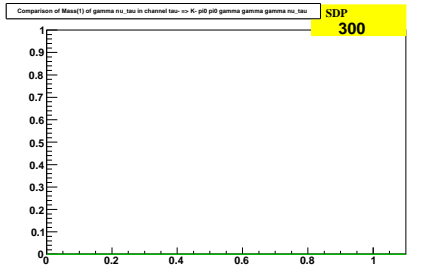
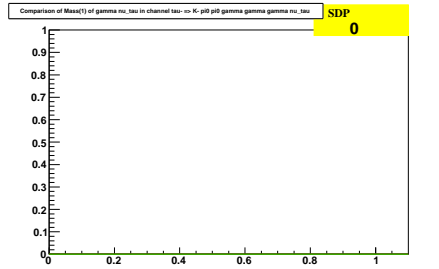
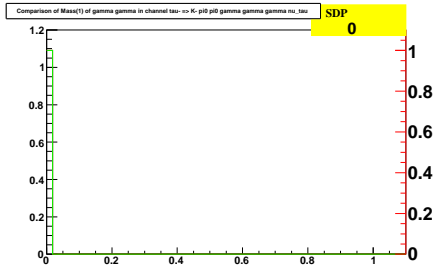
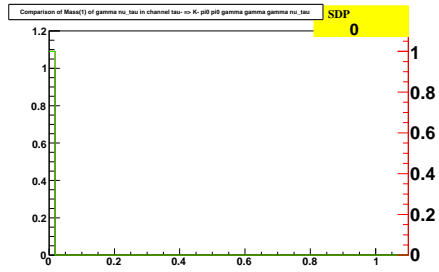
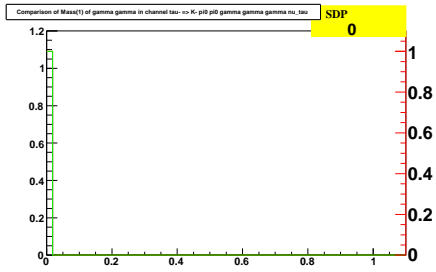
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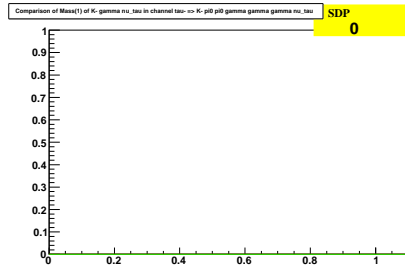
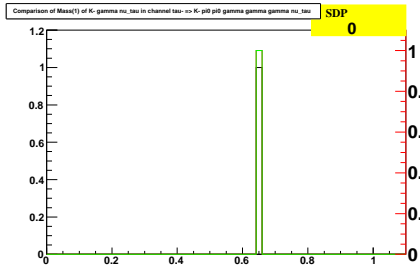
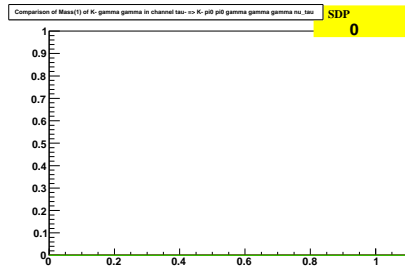
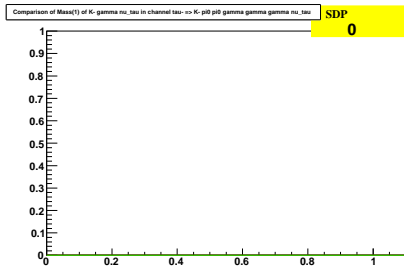
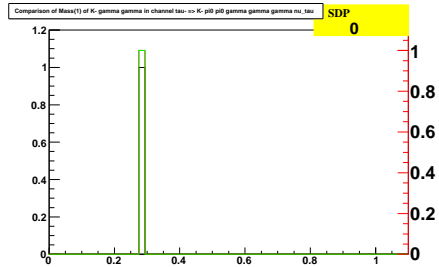
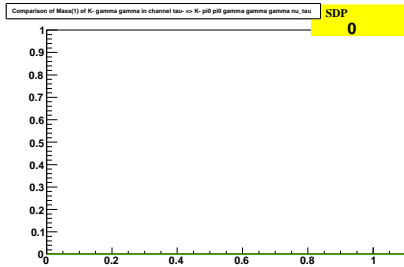
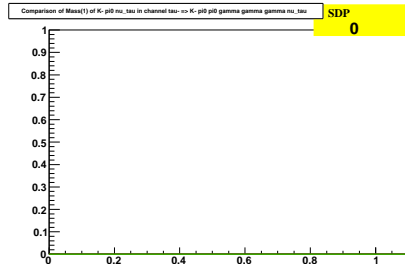
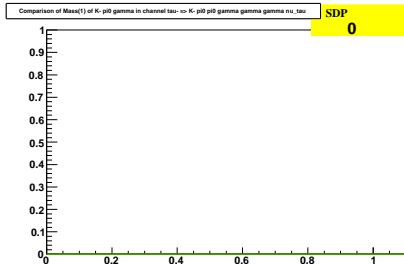
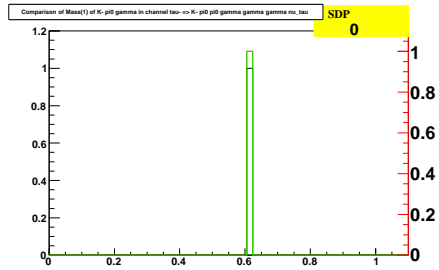
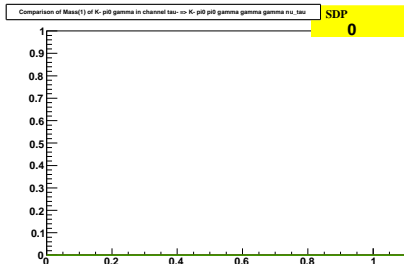
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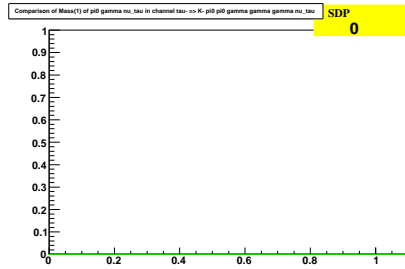
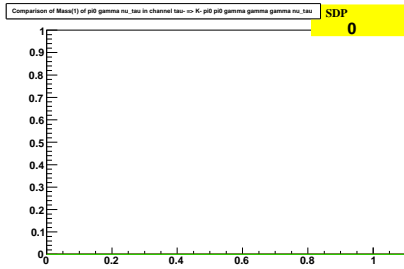
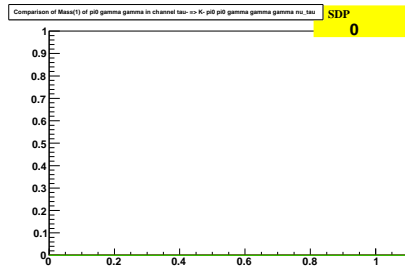
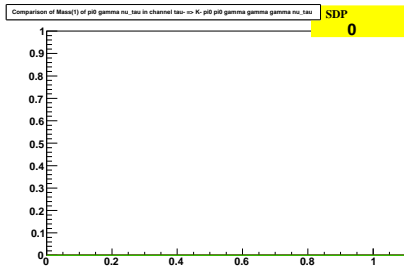
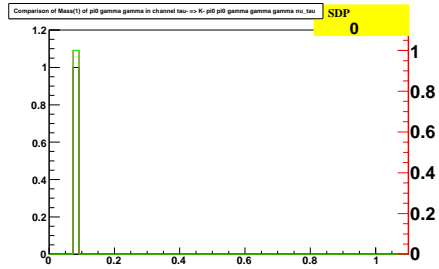
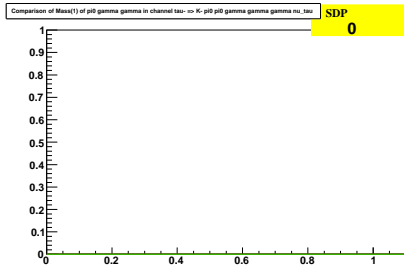
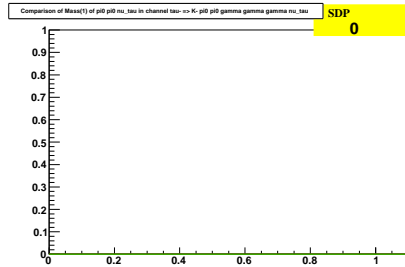
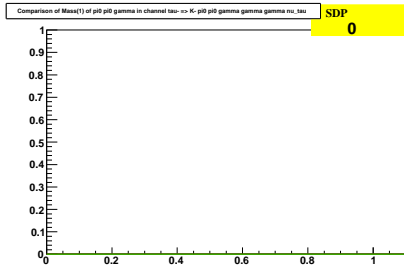
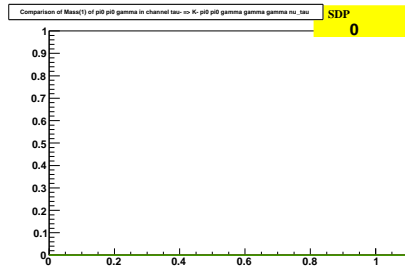
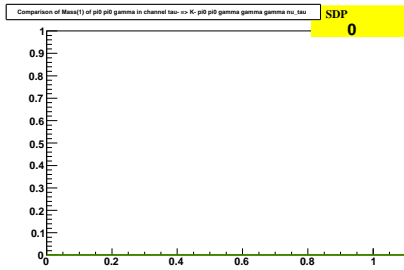


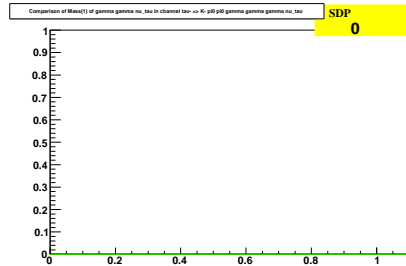
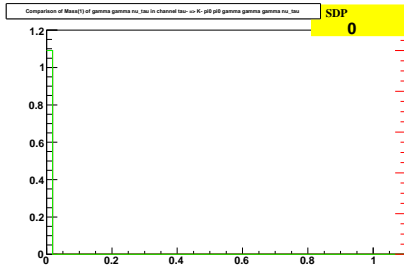
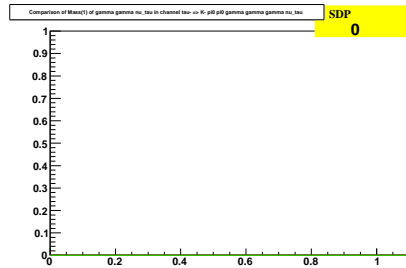
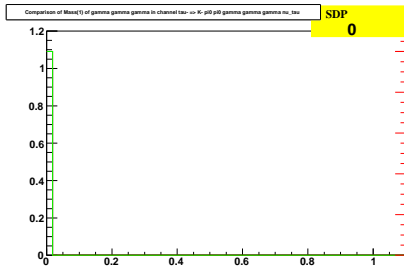
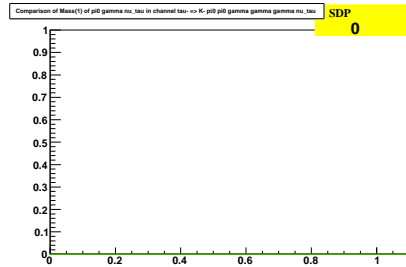
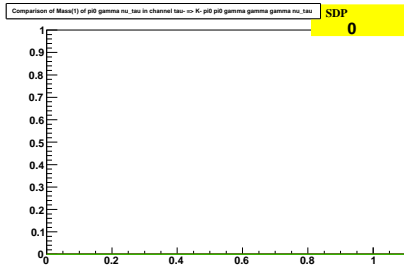
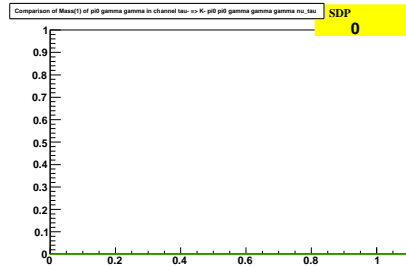
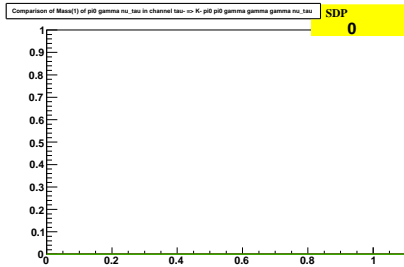
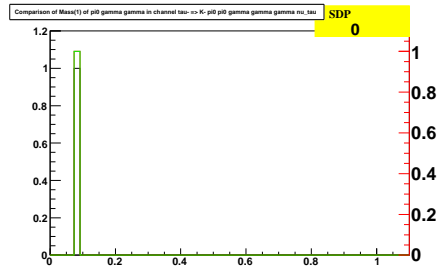
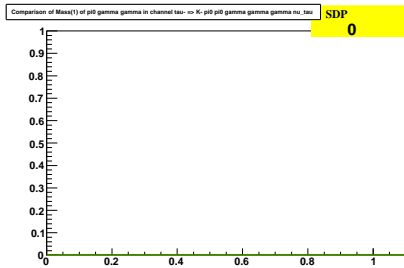


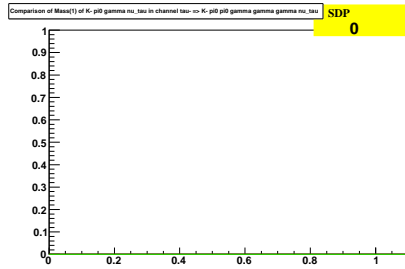
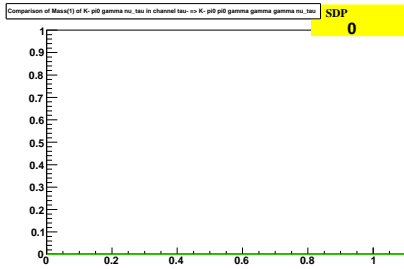
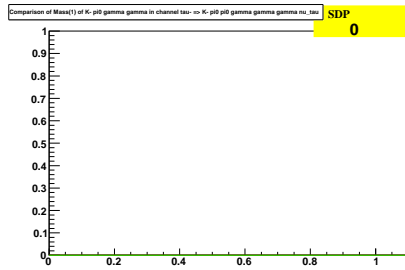
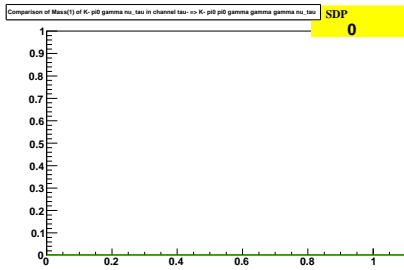
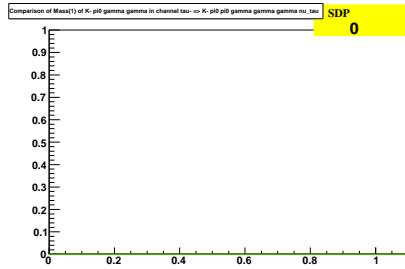
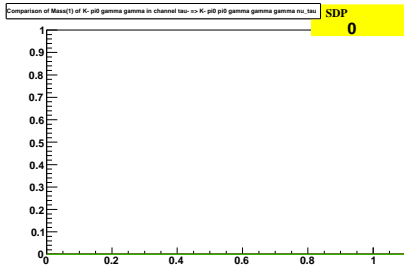
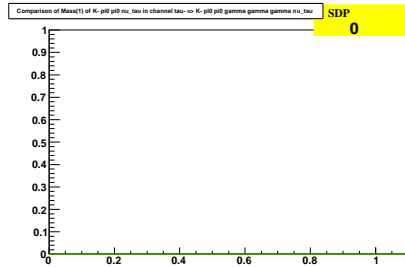
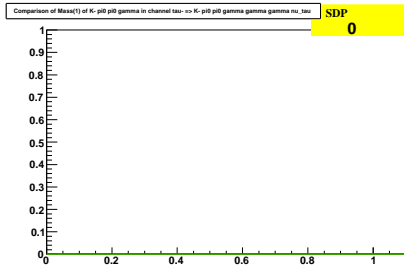
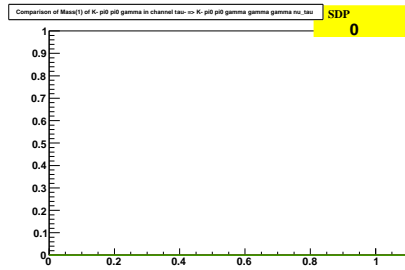
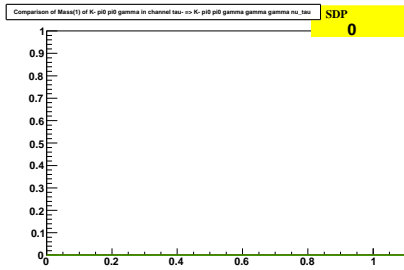


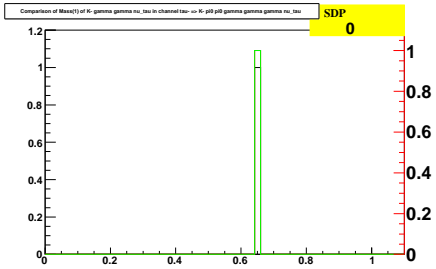
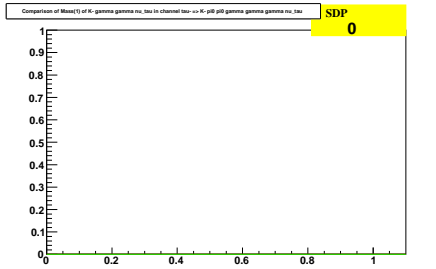
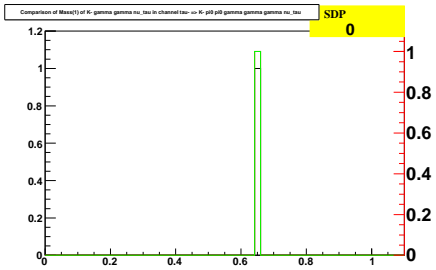
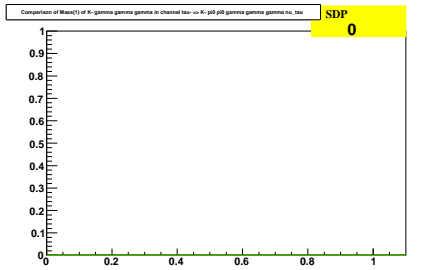
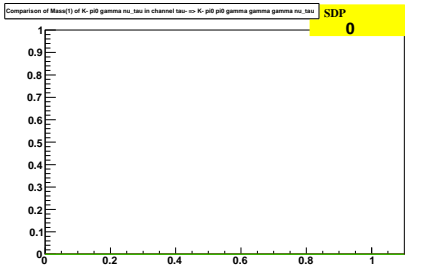
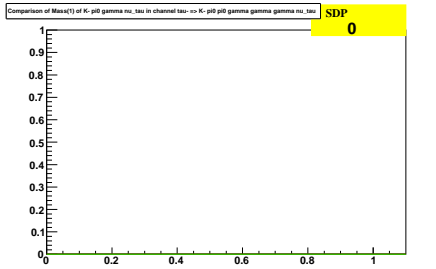
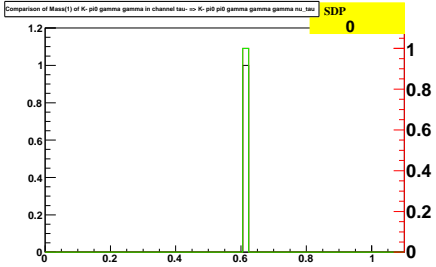
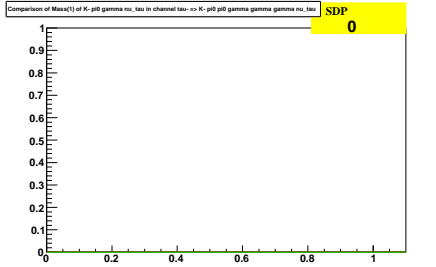
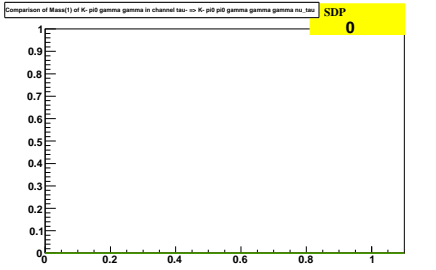
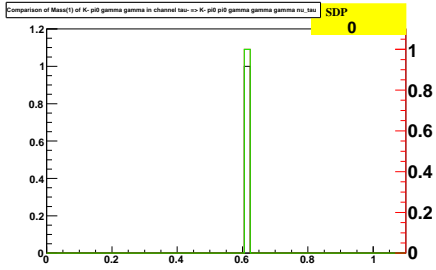


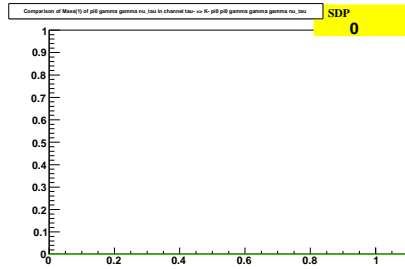
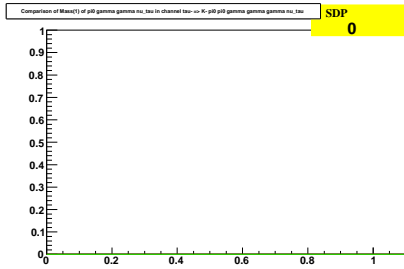
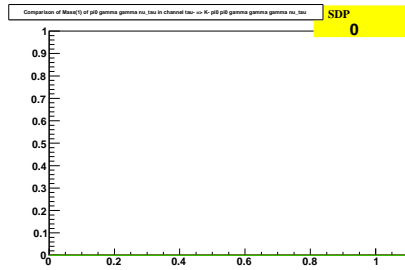
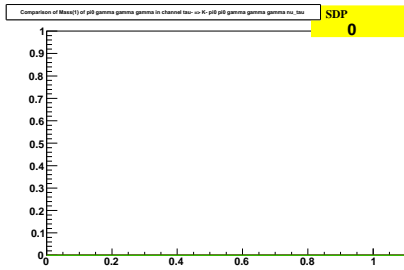
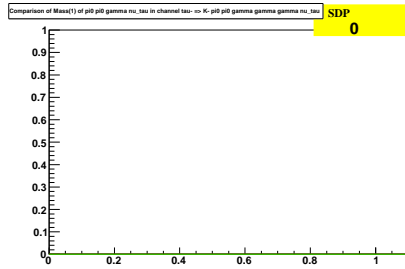
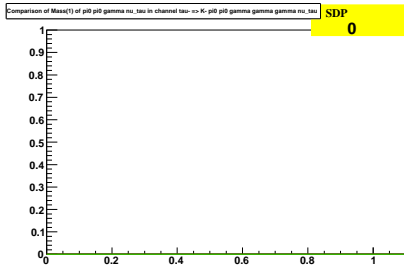
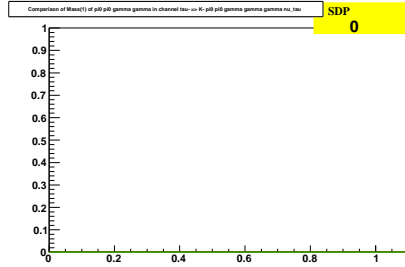
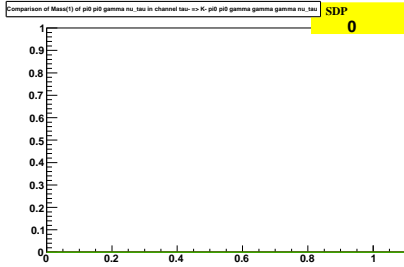
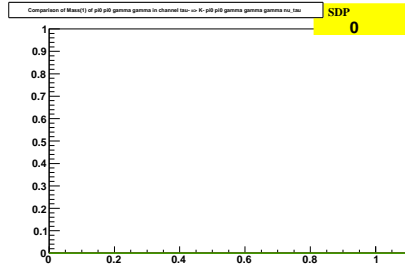
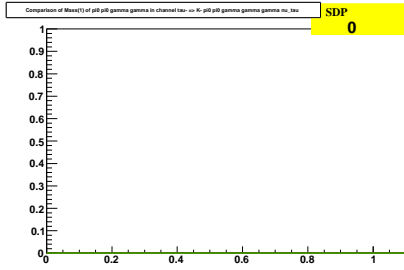


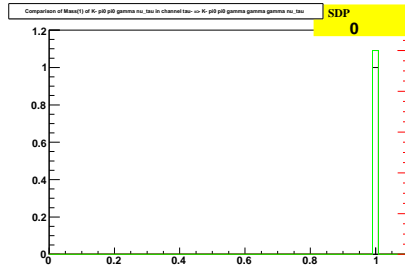
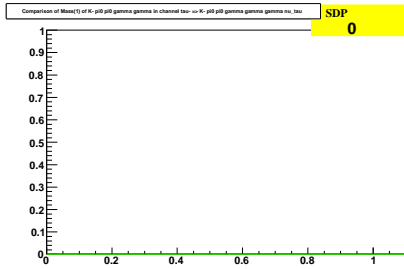
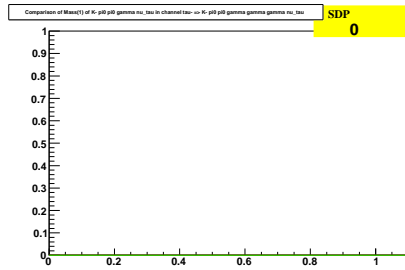
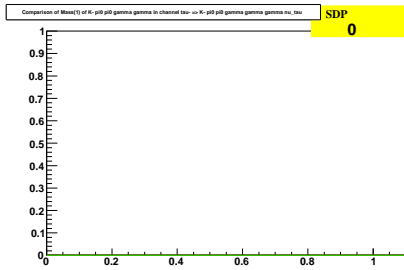
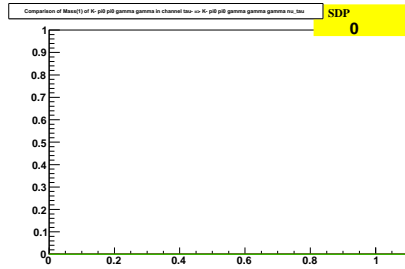
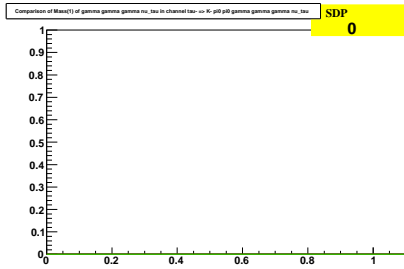
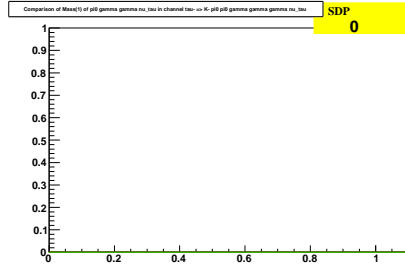
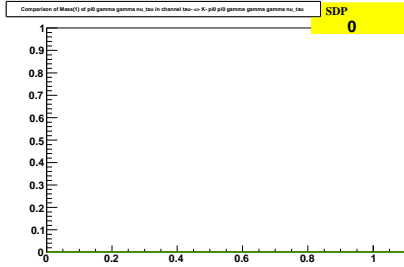
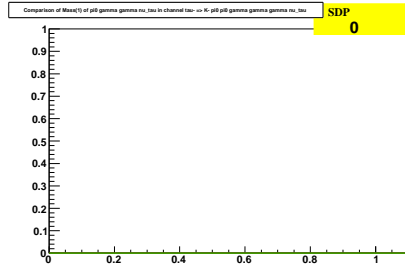
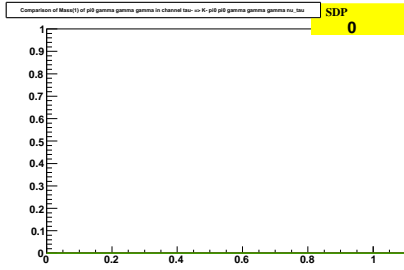




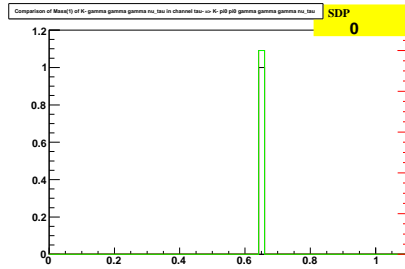
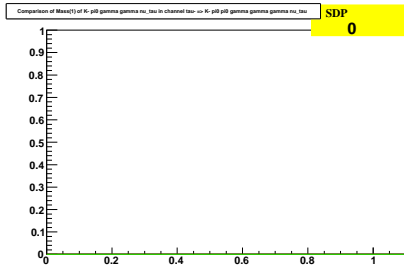
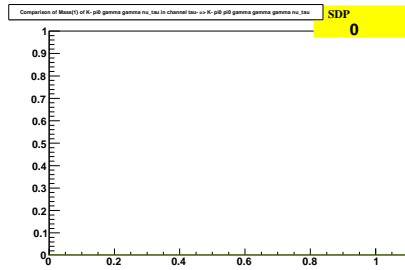
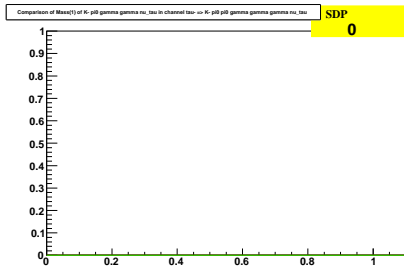
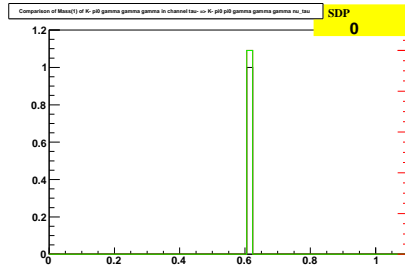
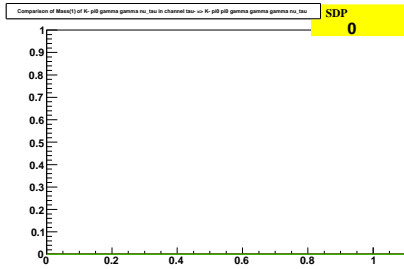
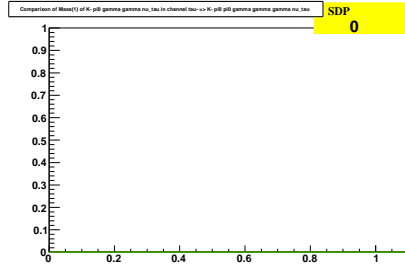
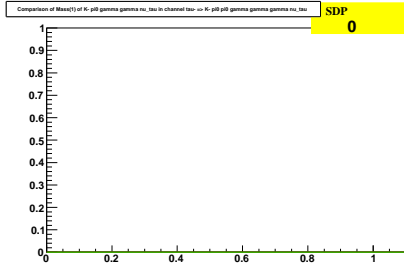
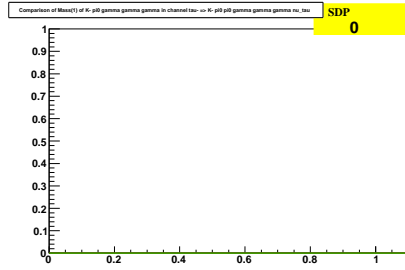
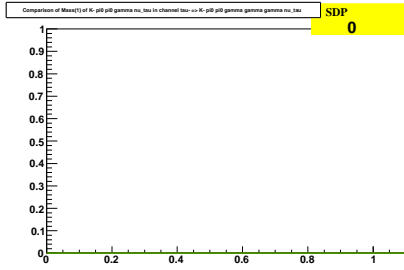


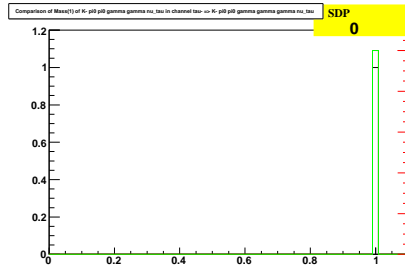
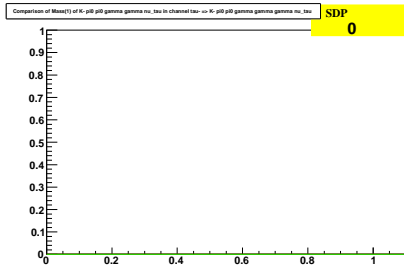
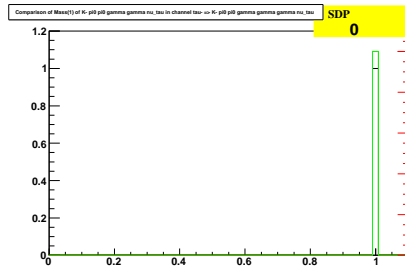
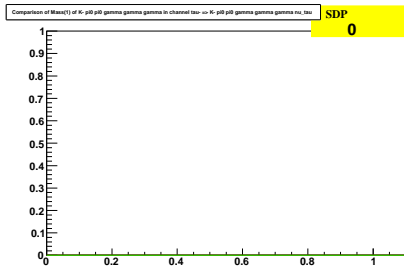
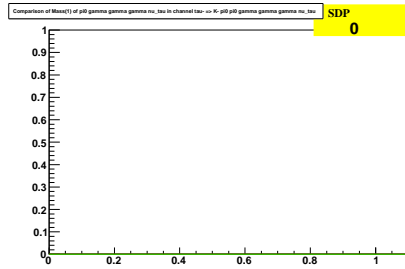
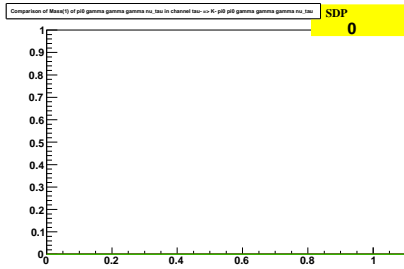
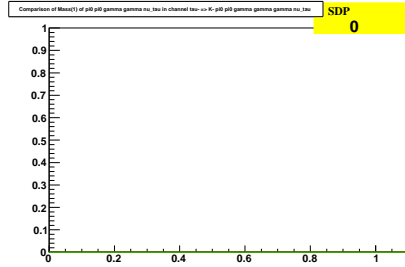
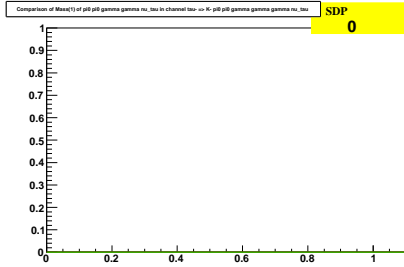
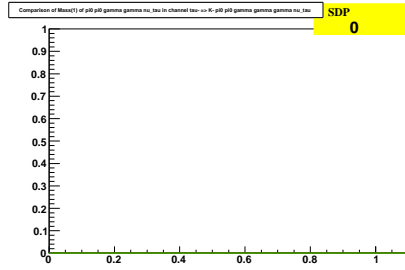
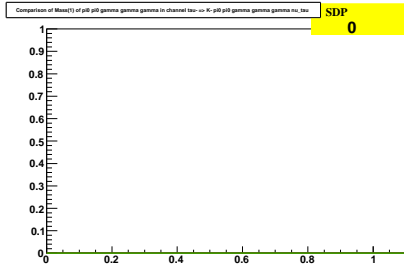


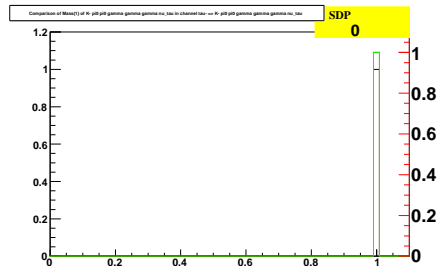
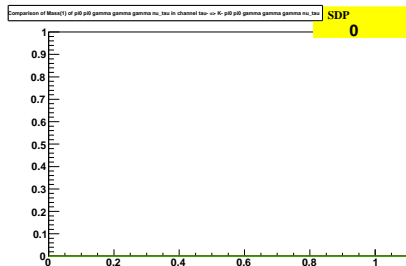
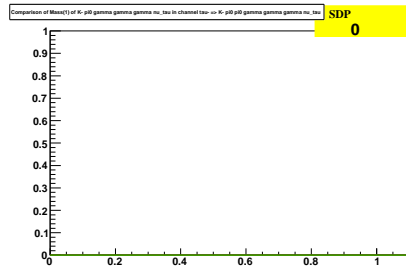
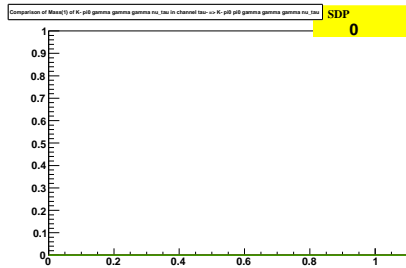












### 101 Decay Channel: $\tau^- \rightarrow K^- K_L^0 \gamma \gamma \nu \tau$

Number of events from generator 1: 1

Number of events from generator 2: 1

