MC-TESTER results for decays of particle τ^- (PDG code 15).

Nadia Davidson Piotr Golonka Tomasz Pierzchala
Tomasz Przedzinski Zbigniew Was

April 1, 2010

Results from generator 1.

Tau decays from TAUOLA CLEO
benchmark file taken from MC-TESTER web page
sample of 1Mevt is for fast test

- From directory:
- Total number of analyzed decays: 1000000
- Number of decay channels found: 18 + 12

Results from generator 2.

tau decays from evtgen (some minor modes from pythia)
prepared by P. Robbe and Z. Was during MC4LHC readiness workshop
March 29 - April 1 2010

- From directory:
- Total number of analyzed decays: 1000000
- Number of decay channels found: 18 + 15

Found decay modes:

Decay channel	Branching Ratio ± Rough Errors		Max. shape dif. param.
	Generator #1	Generator #2	
$\tau^- \to \pi^-\pi^0\nu_\tau$	25.3142 ± 0.0503%	25.4289 ± 0.0504%	0.02345
$\tau^- \to \nu_\tau\widetilde{\nu}_e e^-$	18.1628 ± 0.0426%	17.7982 ± 0.0422%	0.00000
$\tau^- \to \nu_\tau\widetilde{\nu}_\mu\mu^-$	17.6346 ± 0.0420%	17.3382 ± 0.0416%	0.00000
$\tau^- \to \pi^-\nu_\tau$	11.1480 ± 0.0334%	10.8579 ± 0.0330%	0.00000
$\tau^- \to \pi^-\pi^0\pi^0\nu_\tau$	9.0735 ± 0.0301%	9.1823 ± 0.0303%	0.11613
$\tau^- \to \pi^-\pi^-\pi^+\nu_\tau$	8.8744 ± 0.0298%	9.2322 ± 0.0304%	0.11593
$\tau^- \to \pi^-\pi^-\pi^+\pi^0\nu_\tau$	4.5184 ± 0.0213%	4.5516 ± 0.0213%	0.43750
$\tau^- \to \pi^-\pi^0\pi^0\pi^0\nu_\tau$	0.9995 ± 0.0100%	1.0000 ± 0.0100%	0.24660
$\tau^- \to K^-\nu_\tau$	0.7184 ± 0.0085%	0.6821 ± 0.0083%	0.00000
$\tau^- \to K^-\pi^-\pi^+\nu_\tau$	0.5118 ± 0.0072%	0.3233 ± 0.0057%	0.75441
$\tau^- \to \eta\pi^-\pi^0\nu_\tau$	0.1694 ± 0.0041%	0.1593 ± 0.0040%	0.69879
$\tau^- \to K^-K^+\pi^-\nu_\tau$	0.1589 ± 0.0040%	0.1445 ± 0.0038%	0.58929
$\tau^- \to \pi^-\pi^0\gamma\nu_\tau$	0.1334 ± 0.0037%	0.1279 ± 0.0036%	1.23185
$\tau^- \to \pi^-\pi^-\pi^+\pi^0\pi^0\nu_\tau$	0.0877 ± 0.0030%	0.0549 ± 0.0023%	1.03271
$\tau^- \to \pi^-\pi^-\pi^+\pi^0\pi^0\pi^0\nu_\tau$	0.0501 ± 0.0022%	0.0196 ± 0.0014%	0.02923
$\tau^- \to K^-\pi^0\pi^0\nu_\tau$	0.0498 ± 0.0022%	0.0440 ± 0.0021%	0.27543
$\tau^- \to \pi^-\pi^-\pi^-\pi^+\pi^+\nu_\tau$	0.0402 ± 0.0020%	0.0780 ± 0.0028%	0.01959
$\tau^- \to \pi^-\pi^-\pi^-\pi^+\pi^+\pi^0\nu_\tau$	0.0303 ± 0.0017%	0.0166 ± 0.0013%	0.00000
Channels From First Generator Only:			
$\tau^- \to K^0_S\pi^-\nu_\tau$	0.4574 ± 0.0068 %	-	-
$\tau^- \to K^-\pi^0\nu_\tau$	0.4570 ± 0.0068 %	-	-
$\tau^- \to \pi^-K^0_L\nu_\tau$	0.4465 ± 0.0067 %	-	-
$\tau^- \to \pi^-K^0_L\pi^0\nu_\tau$	0.2788 ± 0.0053 %	-	-
$\tau^- \to K^0_S\pi^-\pi^0\nu_\tau$	0.2764 ± 0.0053 %	-	-
$\tau^- \to K^0_S\pi^-K^0_L\nu_\tau$	0.0810 ± 0.0028 %	-	-
$\tau^- \to K^-K^0_L\pi^0\nu_\tau$	0.0766 ± 0.0028 %	-	-
$\tau^- \to K^-K^0_S\pi^0\nu_\tau$	0.0760 ± 0.0028 %	-	-
$\tau^- \to K^-K^0_S\nu_\tau$	0.0542 ± 0.0023 %	-	-
$\tau^- \to K^-K^0_L\nu_\tau$	0.0472 ± 0.0022 %	-	-
$\tau^- \to K^0_SK^0_S\pi^-\nu_\tau$	0.0388 ± 0.0020 %	-	-
$\tau^- \to \pi^-K^0_LK^0_L\nu_\tau$	0.0347 ± 0.0019 %	-	-
Channels From Second Generator Only:			
$\tau^- \to K^{*-}\nu_\tau$	-	1.1634 ± 0.01079 %	-
$\tau^- \to \omega\pi^-\pi^0\nu_\tau$	-	0.3612 ± 0.00601 %	-

$\tau^- \to \widetilde{K^0}\pi^-\pi^0\nu_\tau$	-	0.3512 ± 0.00593 %	-
$\tau^- \to \widetilde{K^{*0}}\pi^-\nu_\tau$	-	0.1782 ± 0.00422 %	-
$\tau^- \to K^-K^{*0}\nu_\tau$	-	0.1744 ± 0.00418 %	-
$\tau^- \to K^-K^0\nu_\tau$	-	0.1510 ± 0.00389 %	-
$\tau^- \to K^-K^0\pi^0\nu_\tau$	-	0.1413 ± 0.00376 %	-
$\tau^- \to \widetilde{K^0K^0\pi^-}\nu_\tau$	-	0.1375 ± 0.00371 %	-
$\tau^- \to K^-\pi^-\pi^+\pi^0\nu_\tau$	-	0.1248 ± 0.00353 %	-
$\tau^- \to \pi^-\pi^0\pi^0\pi^0\pi^0\nu_\tau$	-	0.1030 ± 0.00321 %	-
$\tau^- \to \widetilde{K^0\pi^-}\nu_\tau$	-	0.0385 ± 0.00196 %	-
$\tau^- \to K^-\omega\nu_\tau$	-	0.0282 ± 0.00168 %	-
$\tau^- \to \phi K^-\nu_\tau$	-	0.0034 ± 0.00058 %	-
$\tau^- \to \phi\pi^-\nu_\tau$	-	0.0030 ± 0.00055 %	-
$\tau^- \to K^-K^-K^+\nu_\tau$	-	0.0014 ± 0.00037 %	-

Similarity coefficients: T1=4.810637 %, T2=4.974267 %

Contents

1 Decay Channel: $\tau^- \to \pi^-\pi^0\nu_\tau$ **5**

2 Decay Channel: $\tau^- \to \nu_\tau\widetilde{\nu}_e e^-$ **5**

3 Decay Channel: $\tau^- \to \nu_\tau\widetilde{\nu}_\mu \mu^-$ **6**

4 Decay Channel: $\tau^- \to \pi^-\nu_\tau$ **6**

5 Decay Channel: $\tau^- \to \pi^-\pi^0\pi^0\nu_\tau$ **7**

6 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^+\nu_\tau$ **8**

7 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^+\pi^0\nu_\tau$ **10**

8 Decay Channel: $\tau^- \to \pi^-\pi^0\pi^0\pi^0\nu_\tau$ **12**

9 Decay Channel: $\tau^- \to K^-\nu_\tau$ **15**

10 Decay Channel: $\tau^- \to K^-\pi^-\pi^+\nu_\tau$ **16**

11 Decay Channel: $\tau^- \to \eta\pi^-\pi^0\nu_\tau$ **17**

12 Decay Channel: $\tau^- \to K^-K^+\pi^-\nu_\tau$ **18**

13 Decay Channel: $\tau^- \to \pi^-\pi^0\gamma\nu_\tau$ **20**

14 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^+\pi^0\pi^0\nu_\tau$ **21**

15 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^+\pi^0\pi^0\pi^0\nu_\tau$ **27**

16 Decay Channel: $\tau^- \to K^-\pi^0\pi^0\nu_\tau$ **39**

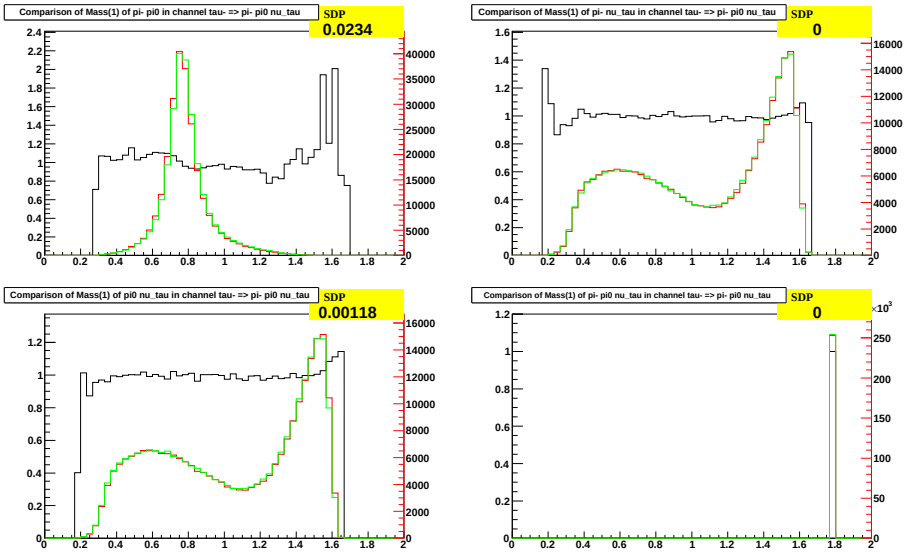
17 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^-\pi^+\pi^+\nu_\tau$ **41**

18 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^-\pi^+\pi^+\pi^0\nu_\tau$ **47**

19 User Histograms **59**

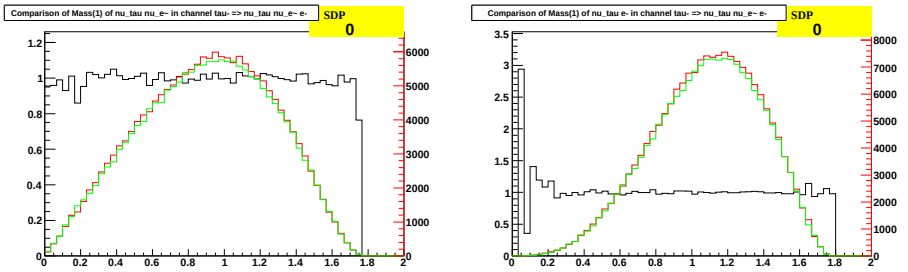
1 Decay Channel: $\tau^- \rightarrow \pi^-\pi^0\nu_\tau$

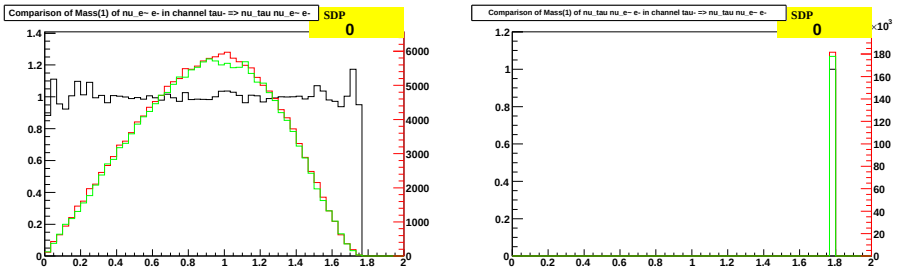
Number of events from generator 1: 253142
Number of events from generator 2: 254289



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

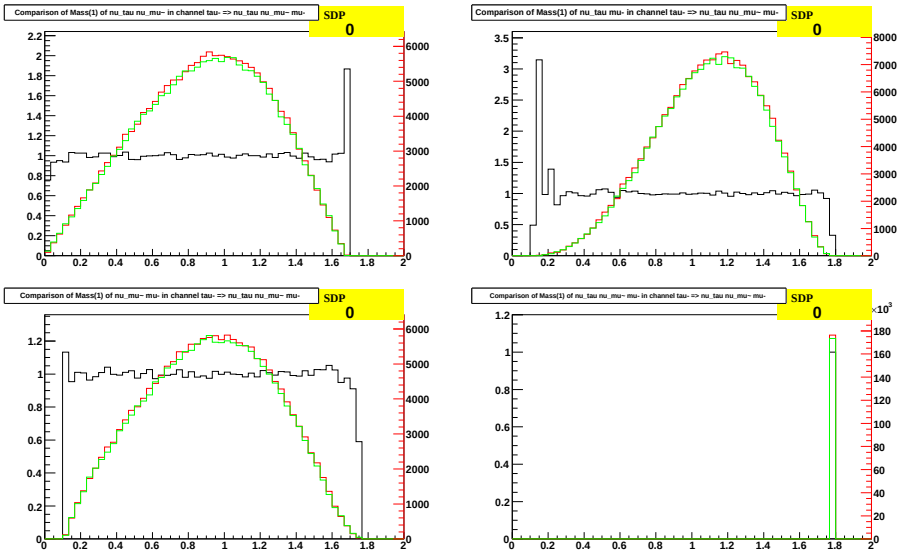
Number of events from generator 1: 181628
Number of events from generator 2: 177982





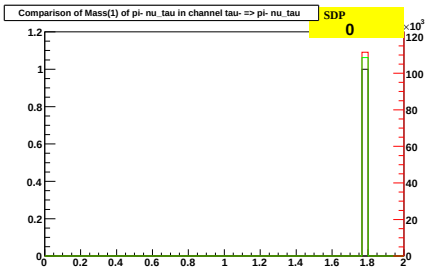
3 Decay Channel: $\tau^- \longrightarrow \nu_\tau \widetilde{\nu}_\mu \mu^-$

Number of events from generator 1: 176346
Number of events from generator 2: 173382



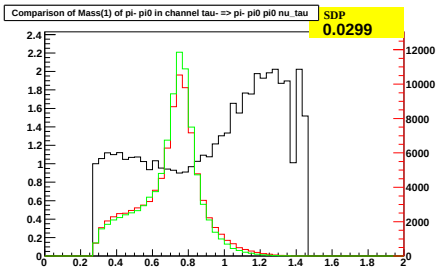
4 Decay Channel: $\tau^- \longrightarrow \pi^- \nu_\tau$

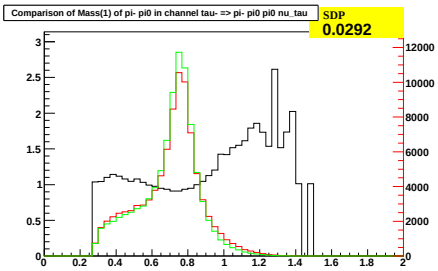
Number of events from generator 1: 111480
Number of events from generator 2: 108579

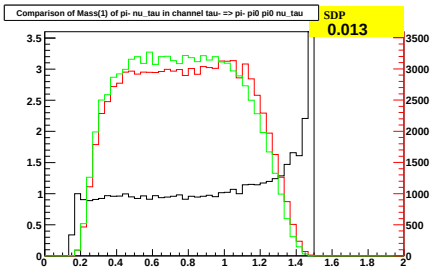


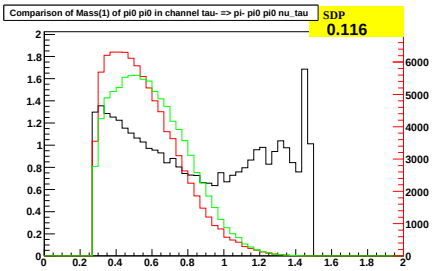
5 Decay Channel: $\tau^- \rightarrow \pi^-\pi^0\pi^0\nu_\tau$

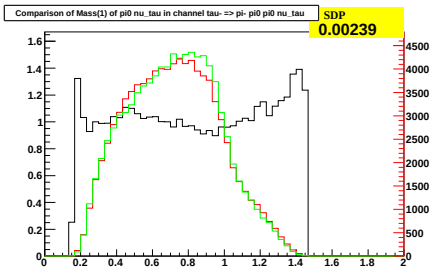
Number of events from generator 1: 90735
Number of events from generator 2: 91823

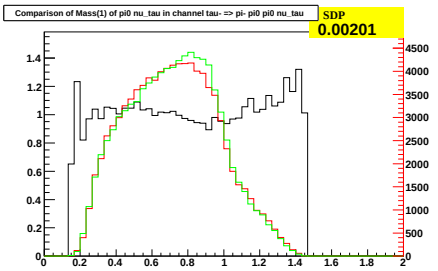


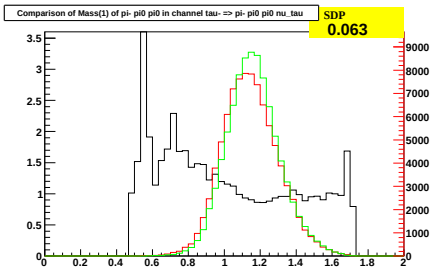


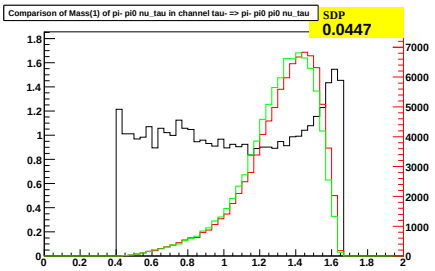


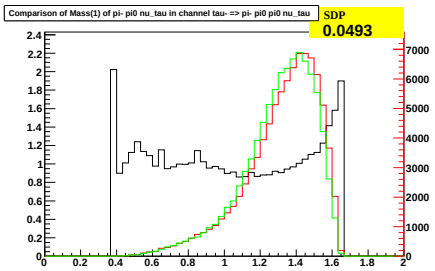


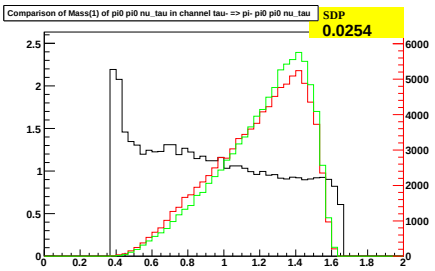


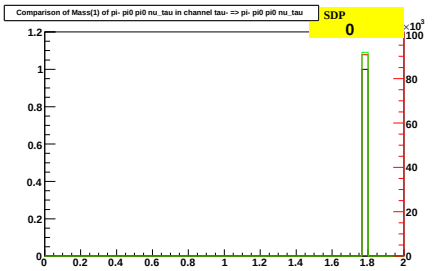






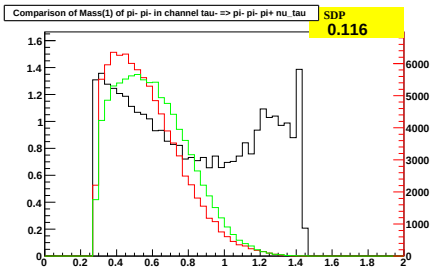


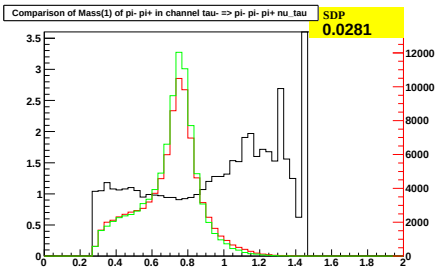


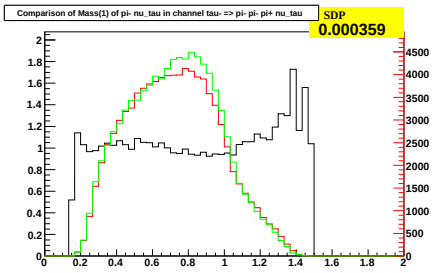


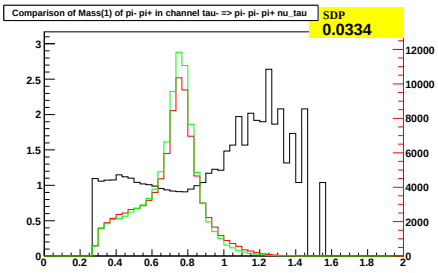
6 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^+\nu_\tau$

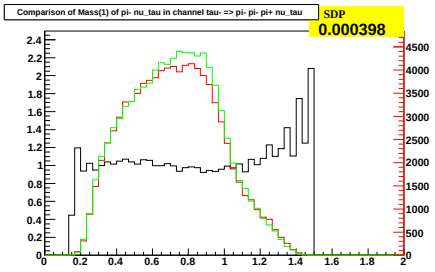
Number of events from generator 1: 88744
Number of events from generator 2: 92322

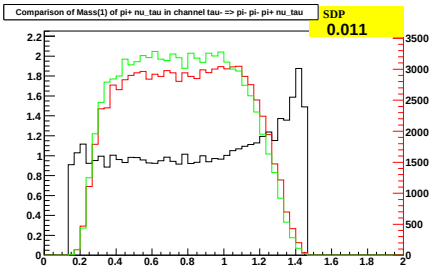


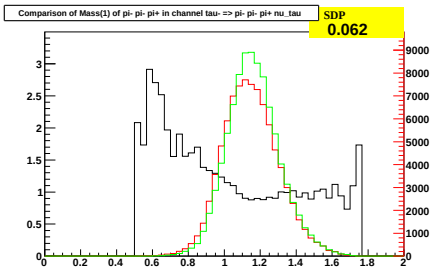


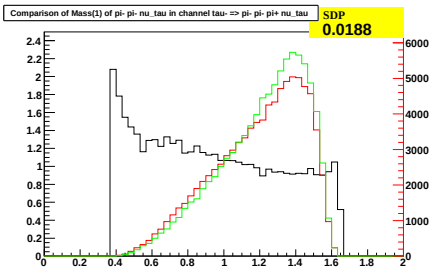

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0.000359

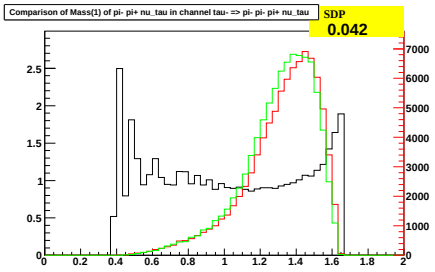

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi+ nu_tau
SDP
0.0334

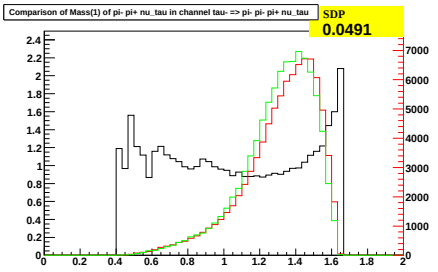

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0.000398

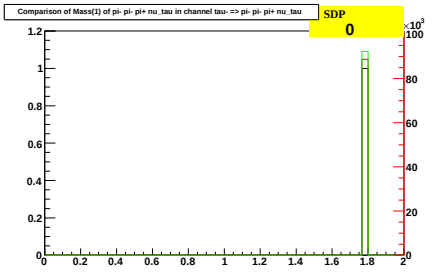

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0.011


Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi+ nu_tau
SDP
0.062


Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0.0188

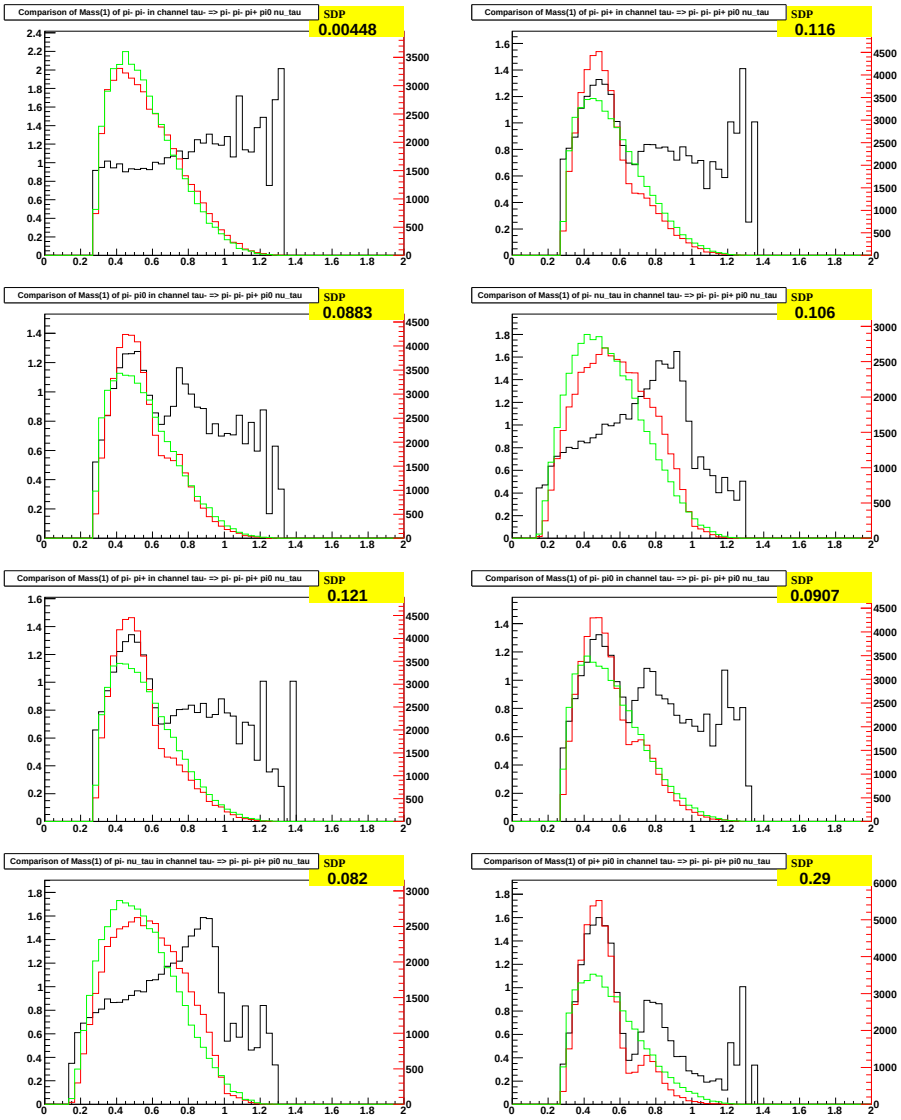

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0.042

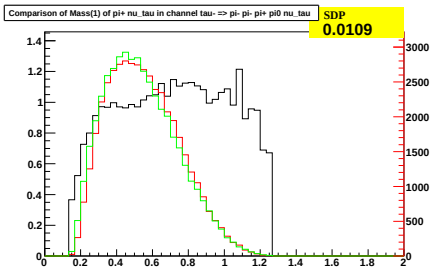

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0.0491

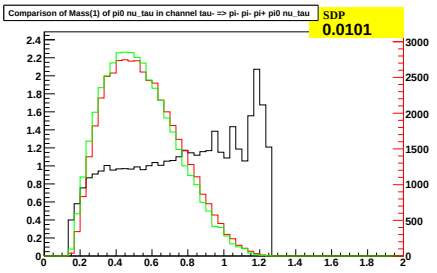

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi+ nu_tau
SDP
0

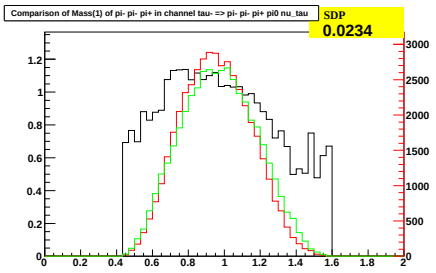
7 Decay Channel: $\tau^- \rightarrow \pi^-\pi^-\pi^+\pi^0\nu_\tau$

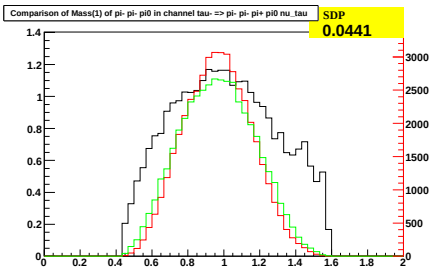
Number of events from generator 1: 45184
Number of events from generator 2: 45516

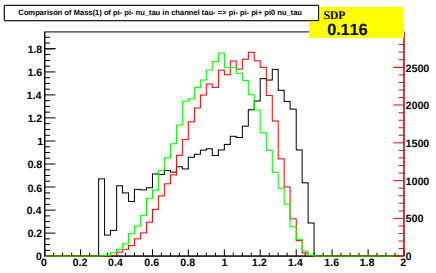


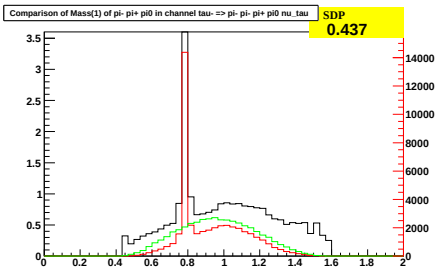

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.0109

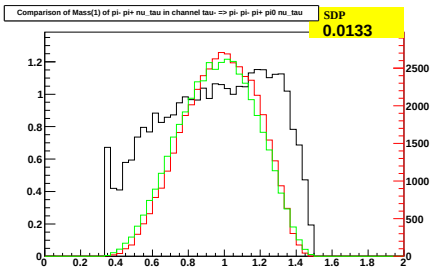

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.0101

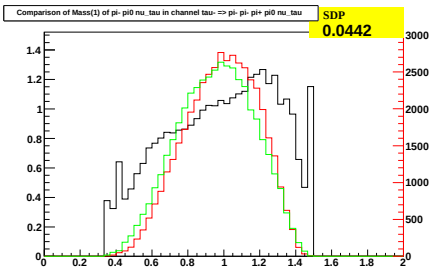

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.0234

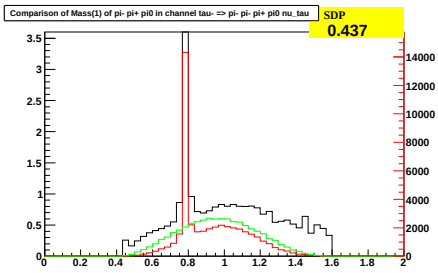

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.0441

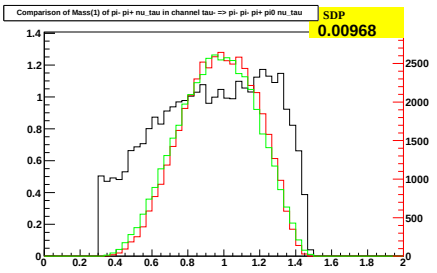

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.116

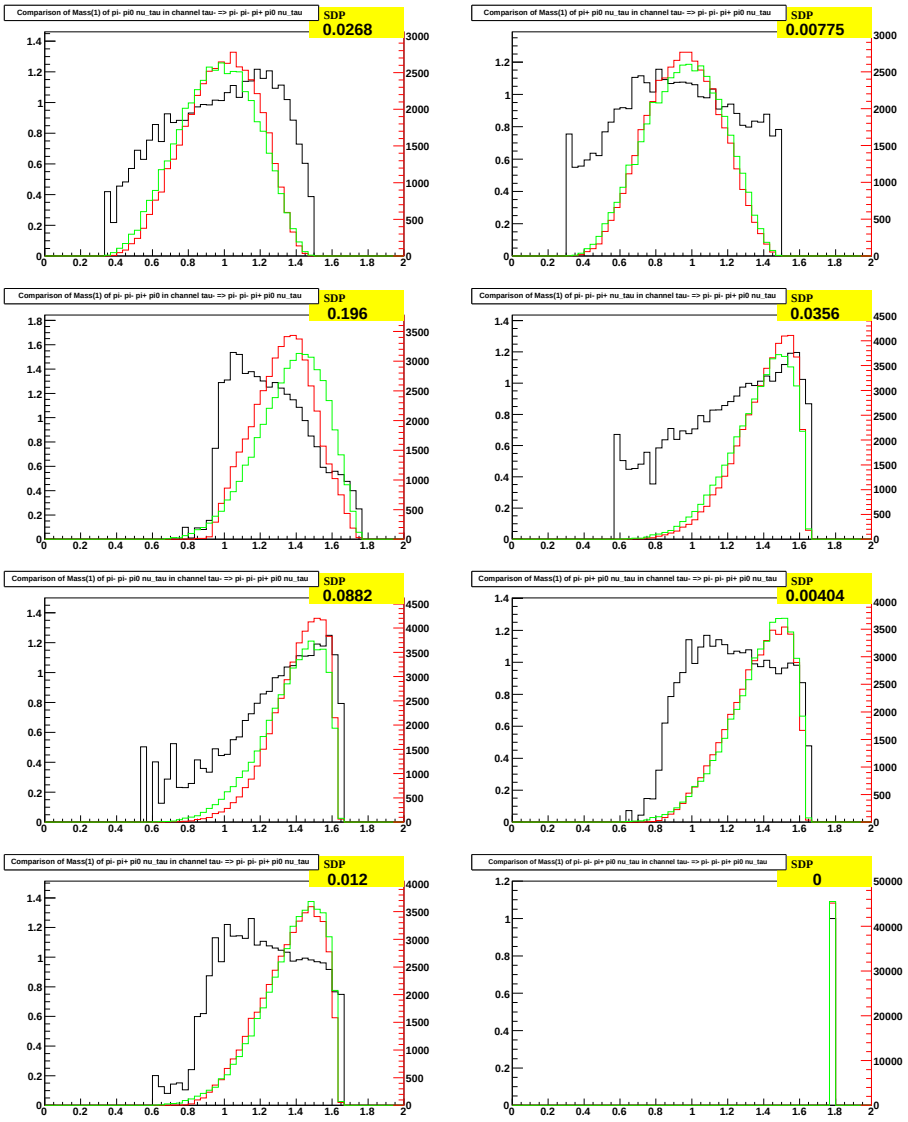

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.437


Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.0133


Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.0442

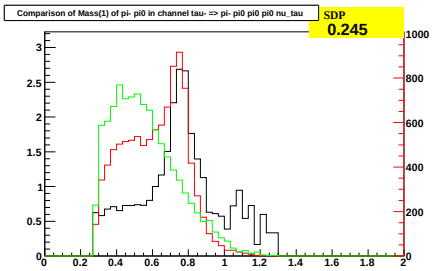

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.437

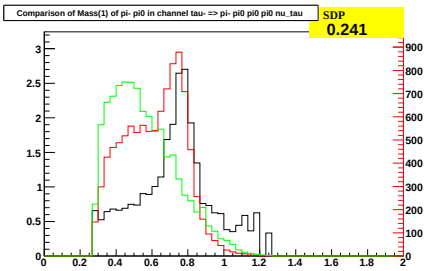

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 nu_tau
SDP
0.00968

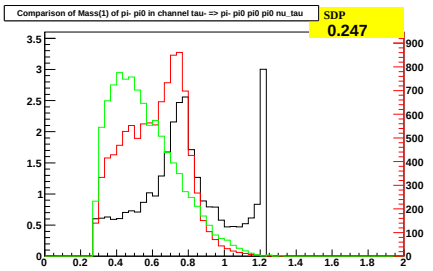


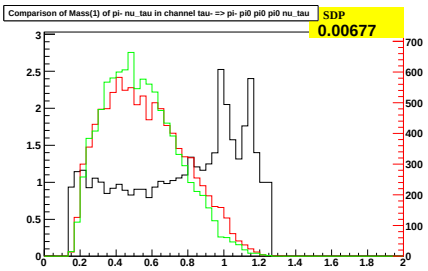
8 Decay Channel: $\tau^- \rightarrow \pi^-\pi^0\pi^0\pi^0\nu_\tau$

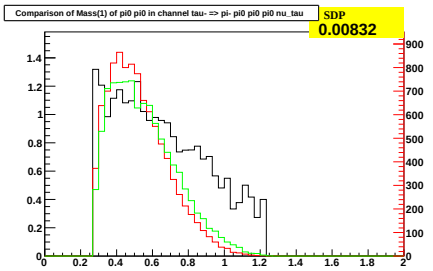
Number of events from generator 1: 9995
Number of events from generator 2: 10000

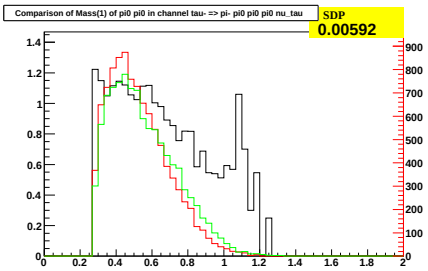

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.245

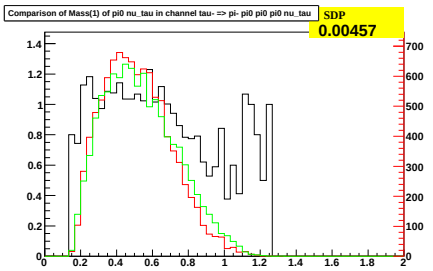

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.241

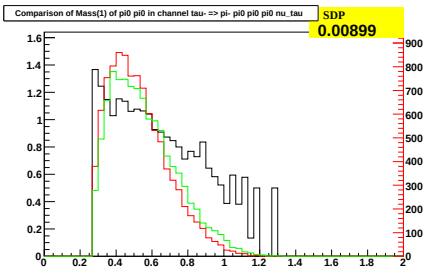

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.247

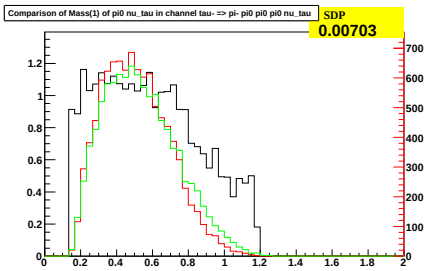

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00677

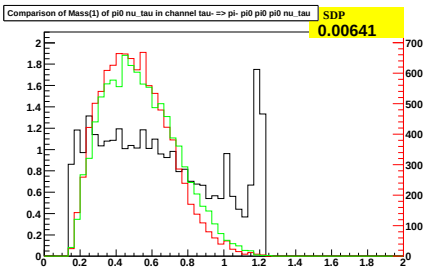

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00832

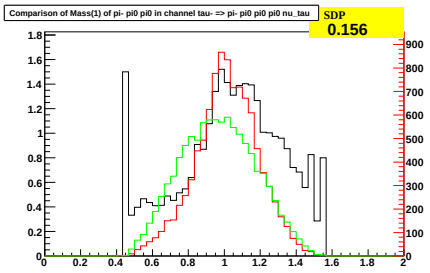

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00592

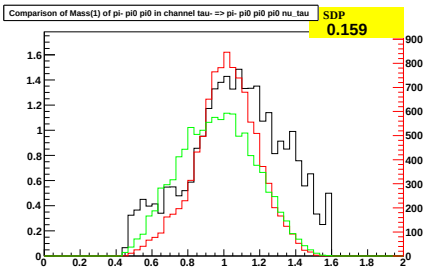

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00457

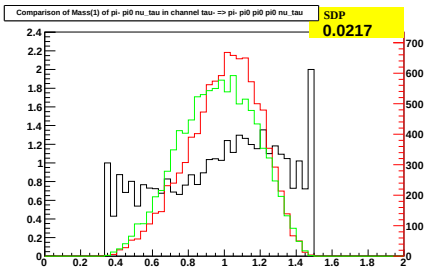

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00899

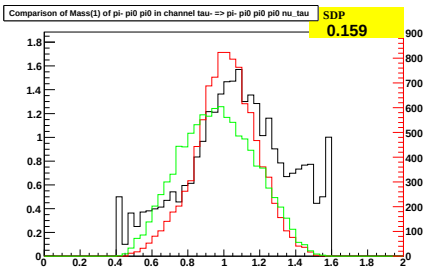

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00703

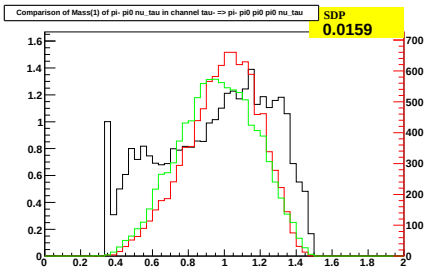

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.00641

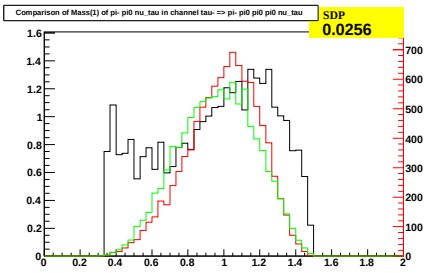

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.156

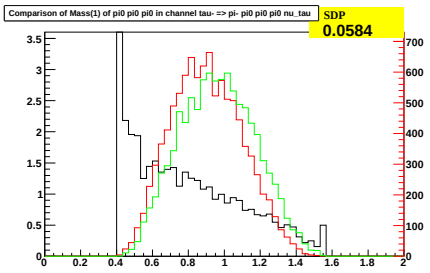

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.159

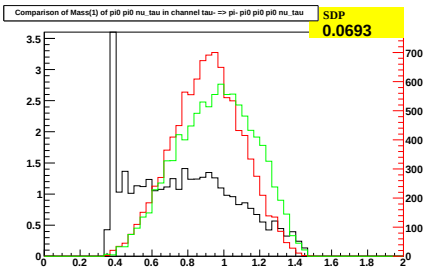

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.0217

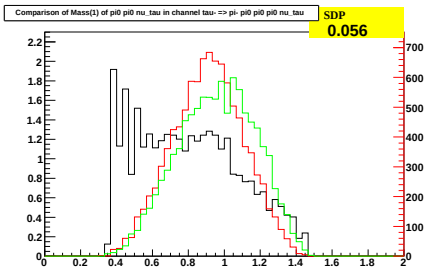

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.159

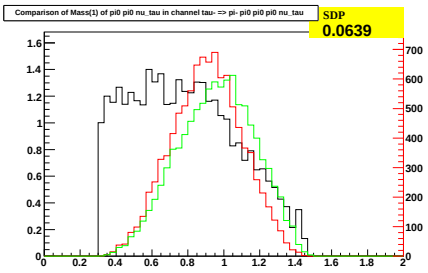

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.0159

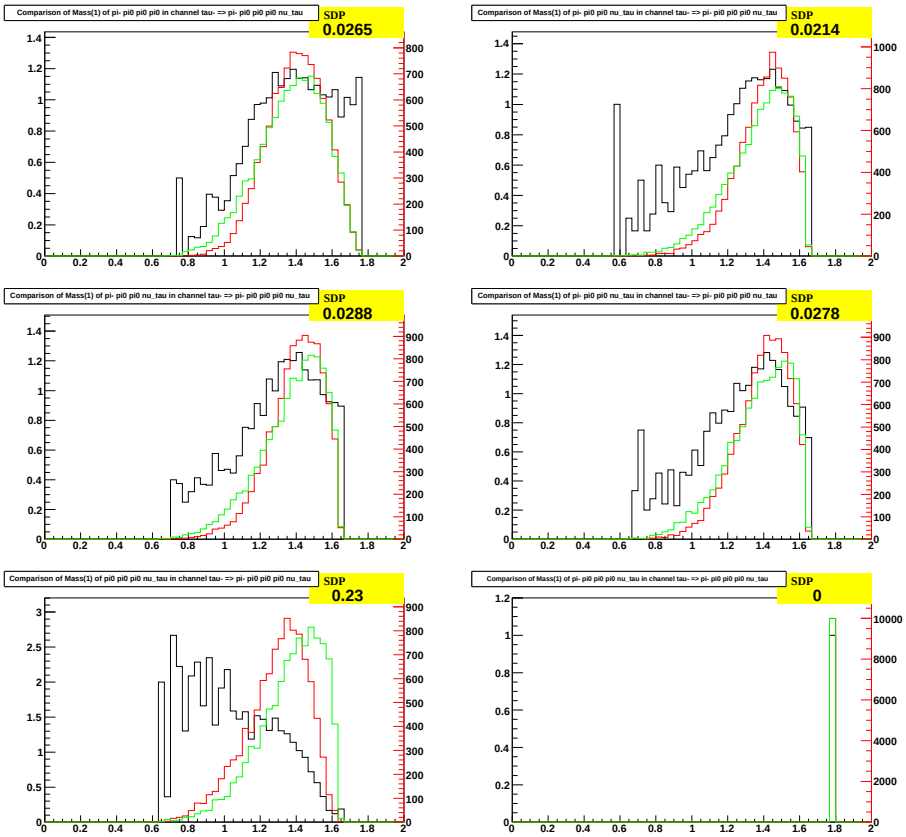

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.0256


Comparison of Mass(1) of pi0 pi0 pi0 in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.0584


Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.0693

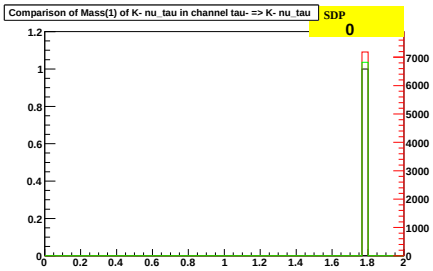

Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.056


Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi0 pi0 pi0 nu_tau
SDP
0.0639



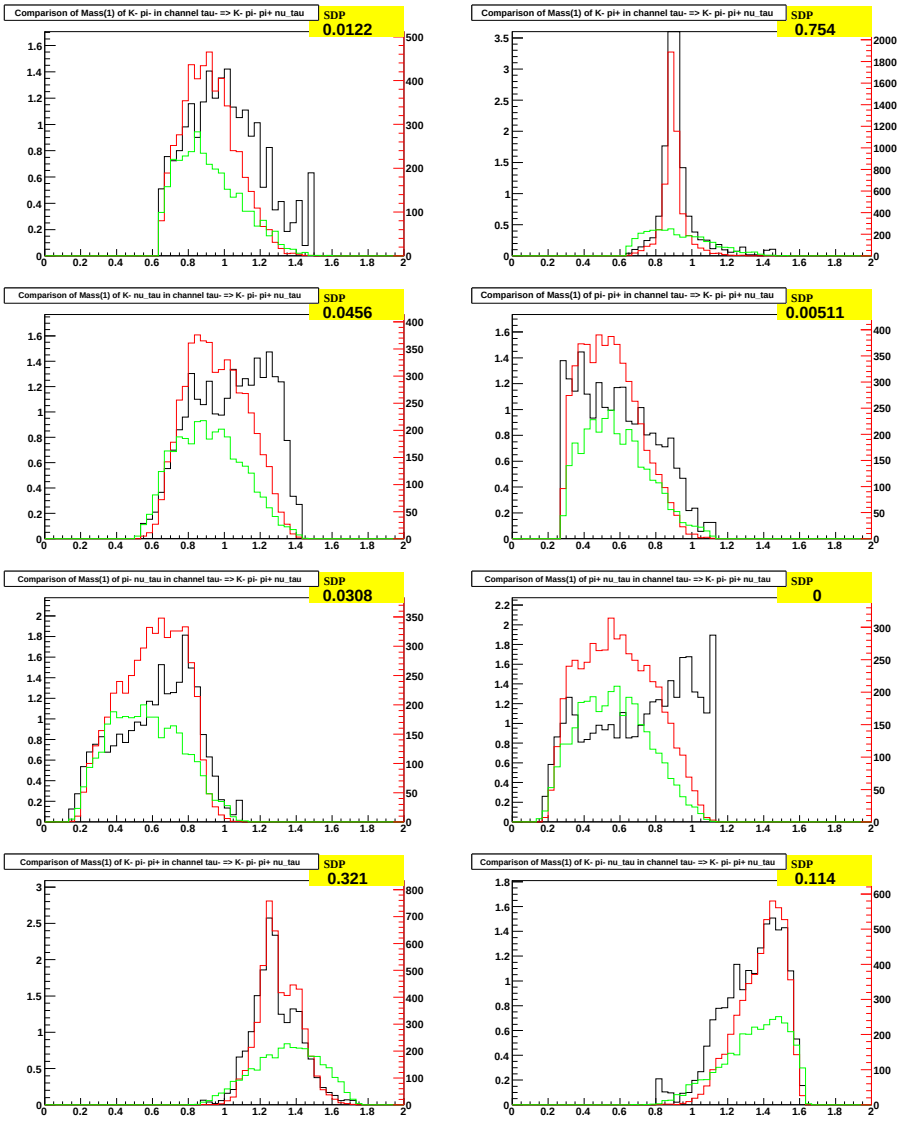
9 Decay Channel: $\tau^- \rightarrow K^- \nu_\tau$

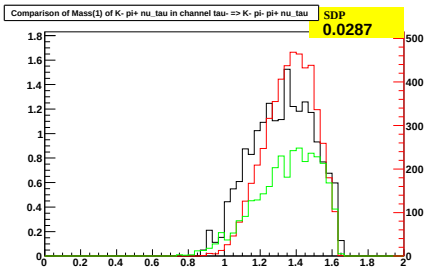
Number of events from generator 1: 7184
Number of events from generator 2: 6821

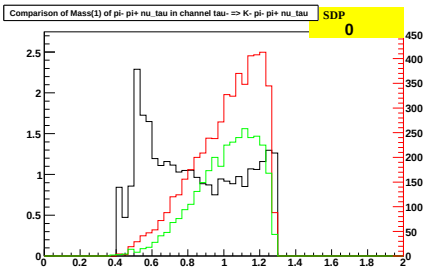


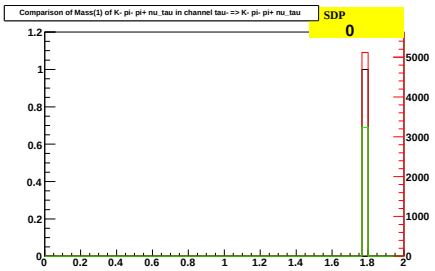
10 Decay Channel: $\tau^- \to K^-\pi^-\pi^+\nu_\tau$

Number of events from generator 1: 5118
Number of events from generator 2: 3233



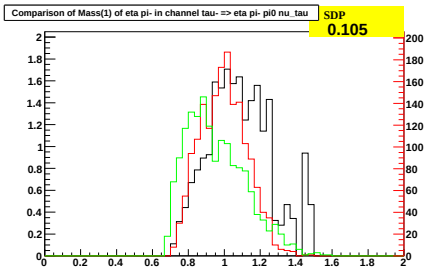


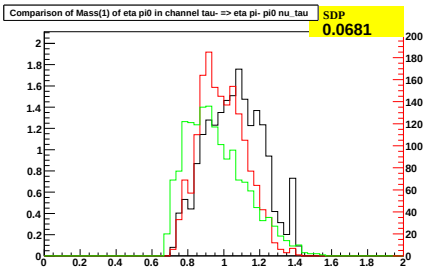


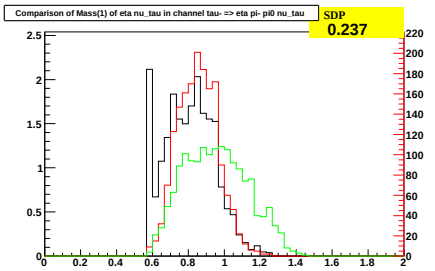


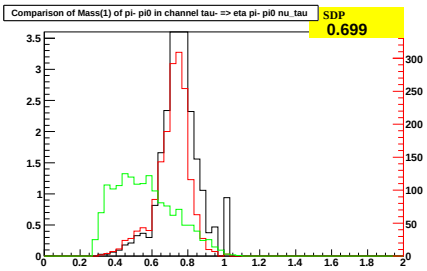
11 Decay Channel: $\tau^- \to \eta\pi^-\pi^0\nu_\tau$

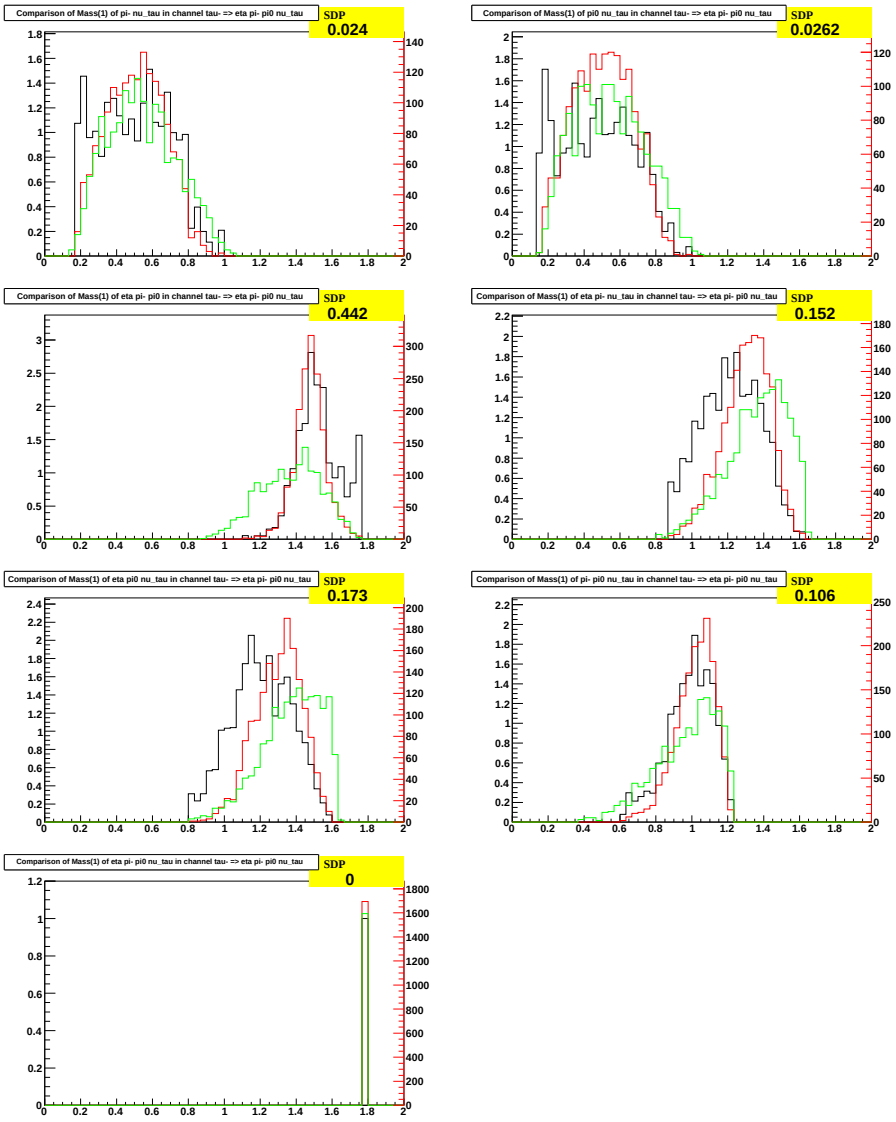
Number of events from generator 1: 1694
Number of events from generator 2: 1593





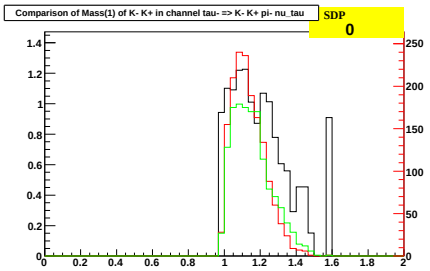


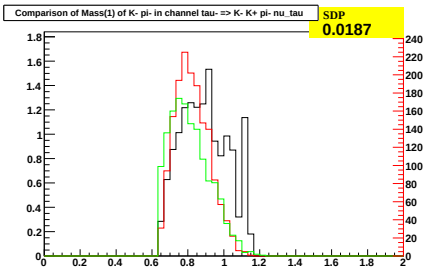


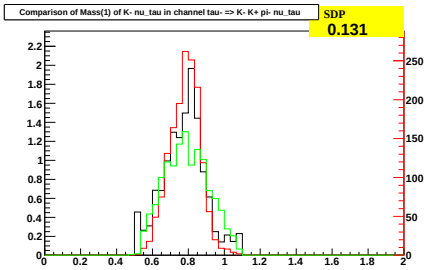


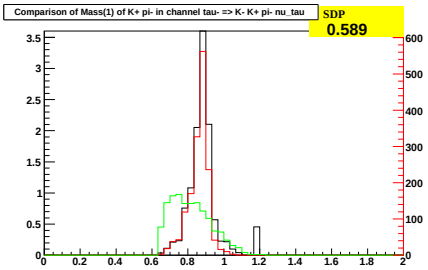
12 Decay Channel: $\tau^- \to K^- K^+ \pi^- \nu_\tau$

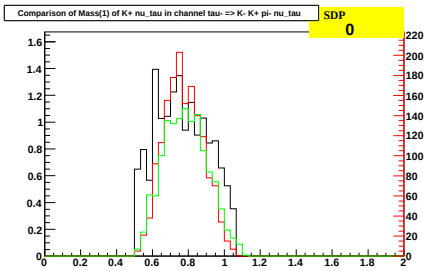
Number of events from generator 1: 1589
Number of events from generator 2: 1445

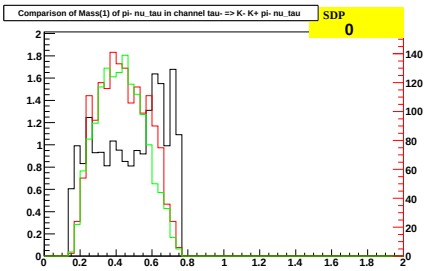

Comparison of Mass(1) of K- K+ in channel tau- => K- K+ pi- nu_tau
SDP
0

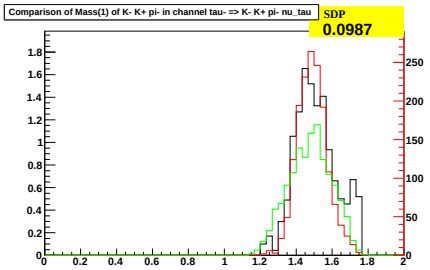

Comparison of Mass(1) of K- pi- in channel tau- => K- K+ pi- nu_tau
SDP
0.0187

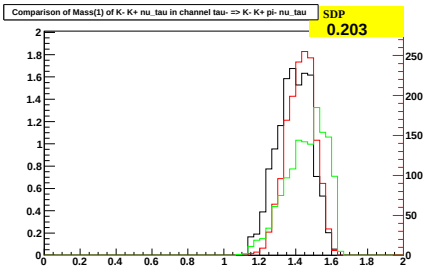

Comparison of Mass(1) of K- nu_tau in channel tau- => K- K+ pi- nu_tau
SDP
0.131

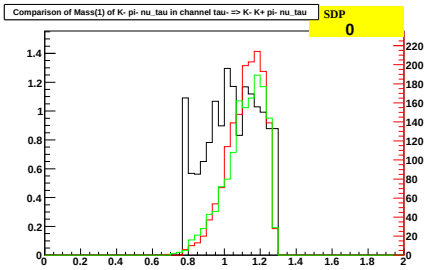

Comparison of Mass(1) of K+ pi- in channel tau- => K- K+ pi- nu_tau
SDP
0.589

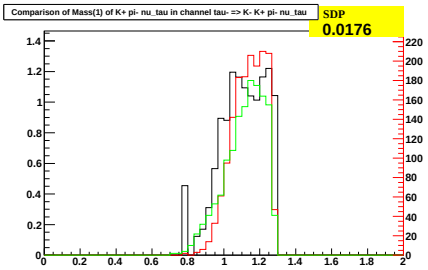

Comparison of Mass(1) of K+ nu_tau in channel tau- => K- K+ pi- nu_tau
SDP
0

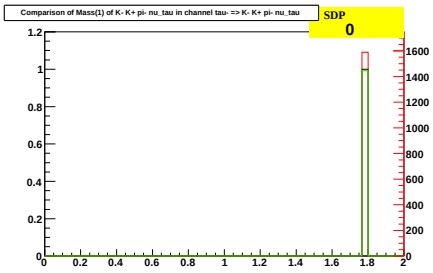

Comparison of Mass(1) of pi- nu_tau in channel tau- => K- K+ pi- nu_tau
SDP
0


Comparison of Mass(1) of K- K+ pi- in channel tau- => K- K+ pi- nu_tau
SDP
0.0987


Comparison of Mass(1) of K- K+ nu_tau in channel tau- => K- K+ pi- nu_tau
SDP
0.203

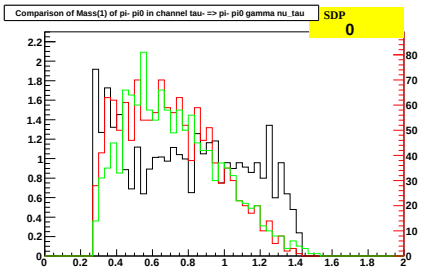

Comparison of Mass(1) of K- pi- nu_tau in channel tau- => K- K+ pi- nu_tau
SDP
0

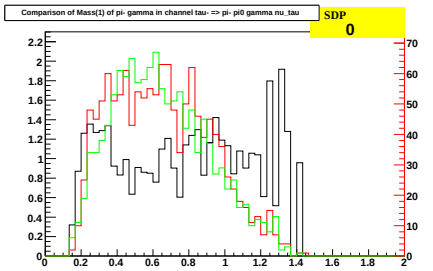

Comparison of Mass(1) of K+ pi- nu_tau in channel tau- => K- K+ pi- nu_tau
SDP
0.0176

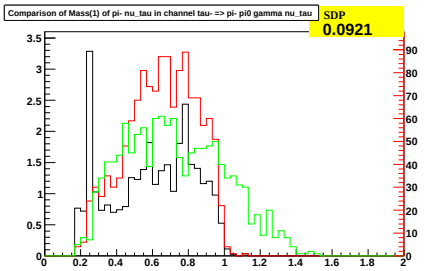


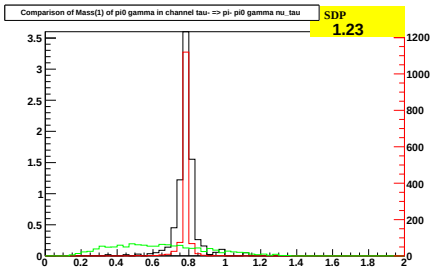
13 Decay Channel: $\tau^- \to \pi^-\pi^0\gamma\nu_\tau$

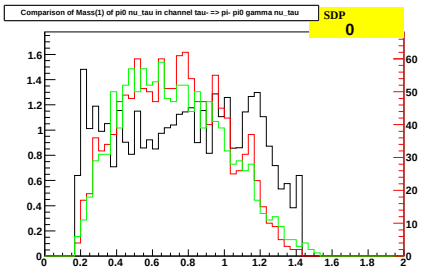
Number of events from generator 1: 1334
Number of events from generator 2: 1279

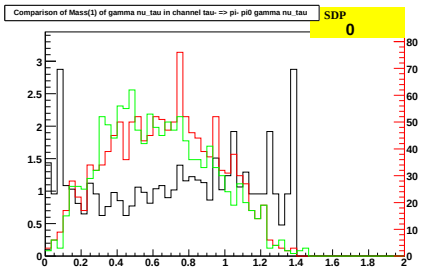


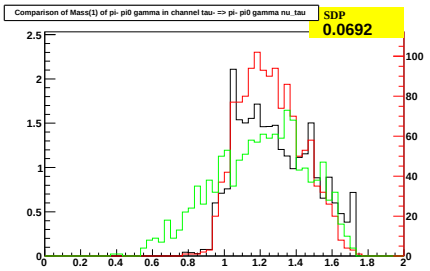


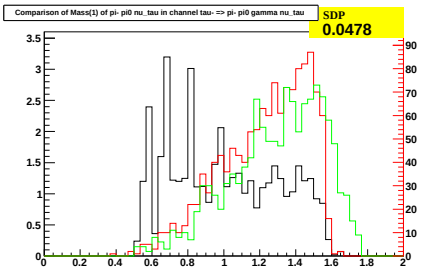


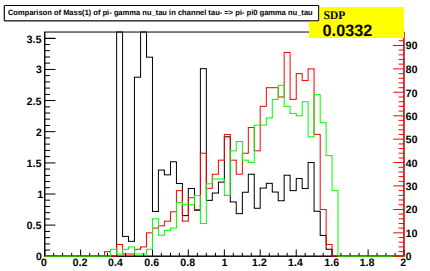


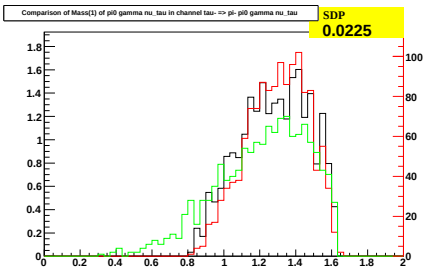


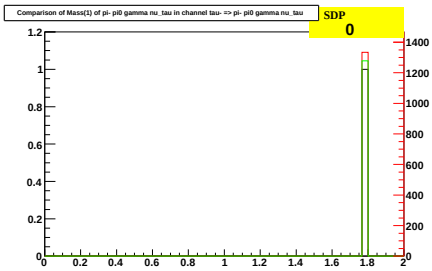






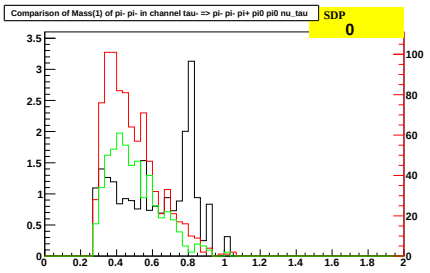


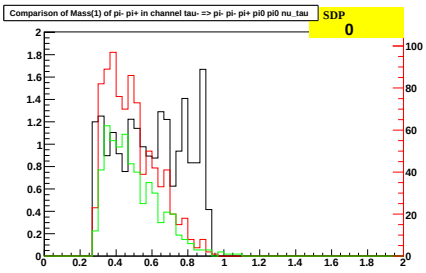


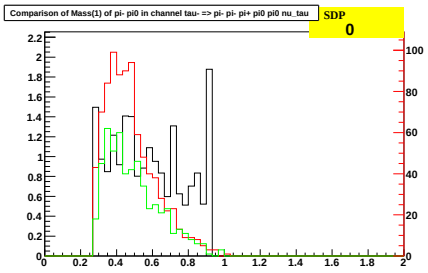


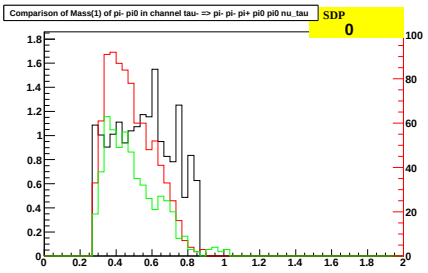
14 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^+\pi^0\pi^0\nu_\tau$

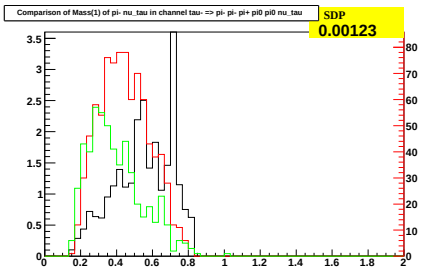
Number of events from generator 1: 877
Number of events from generator 2: 549

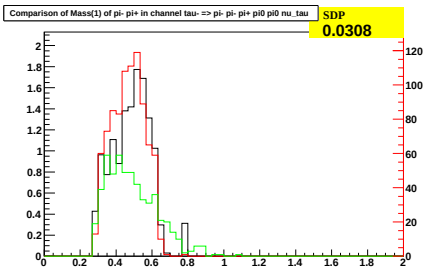


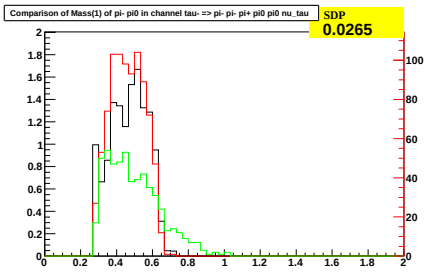


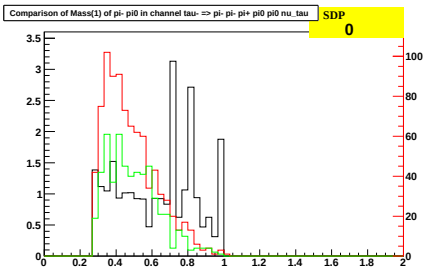

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

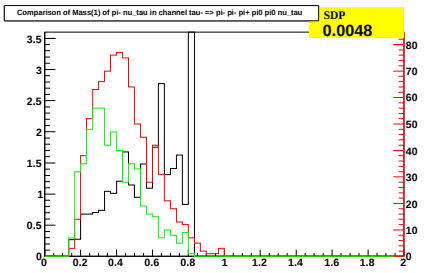

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

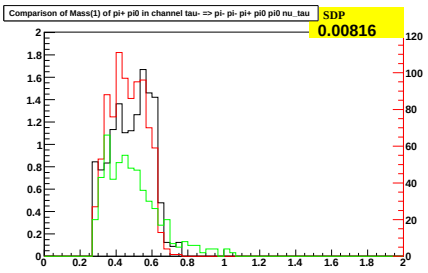

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.00123

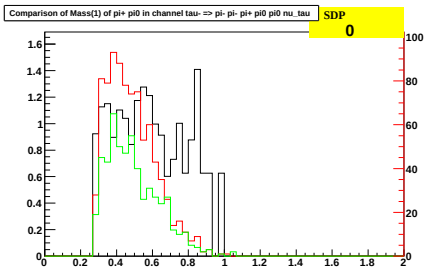

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0308

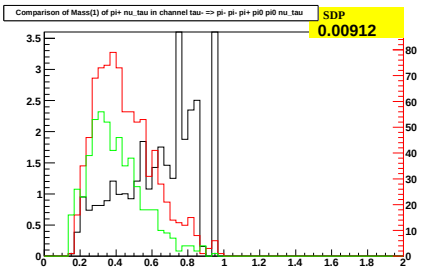

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0265

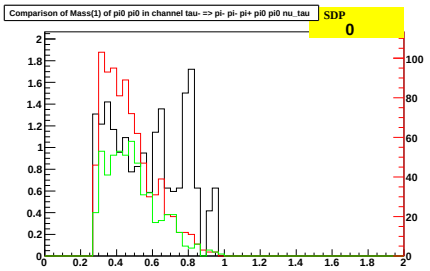

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

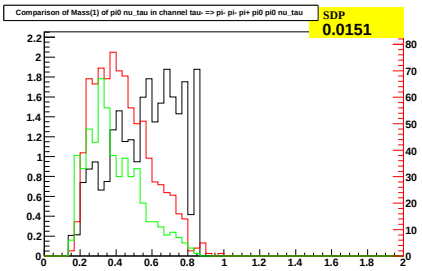

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0048

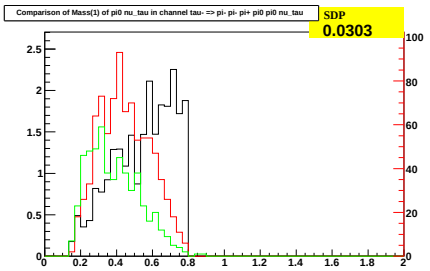

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.00816

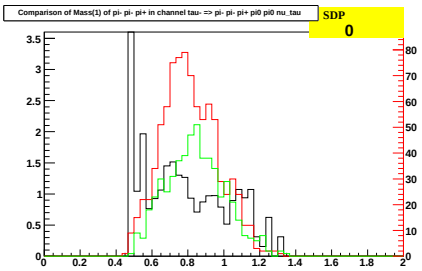

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

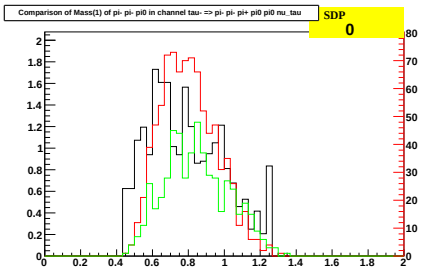

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.00912

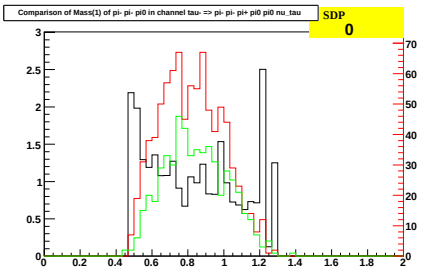

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

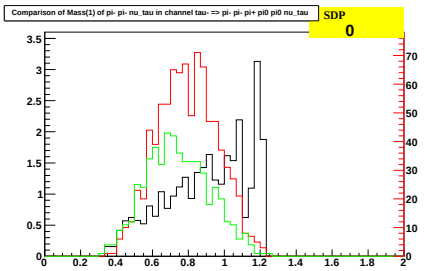

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0151

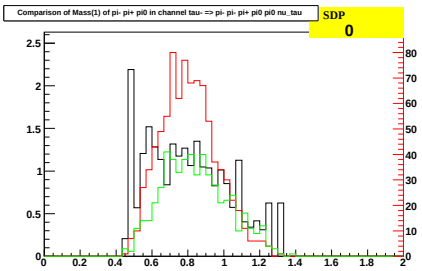

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0303

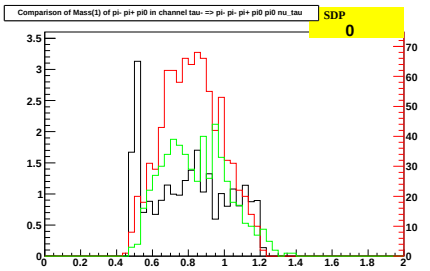

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

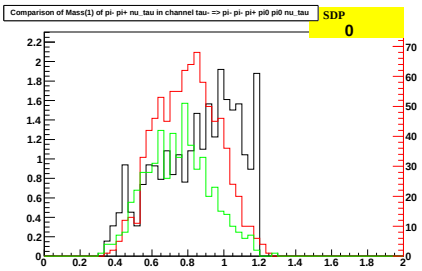

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

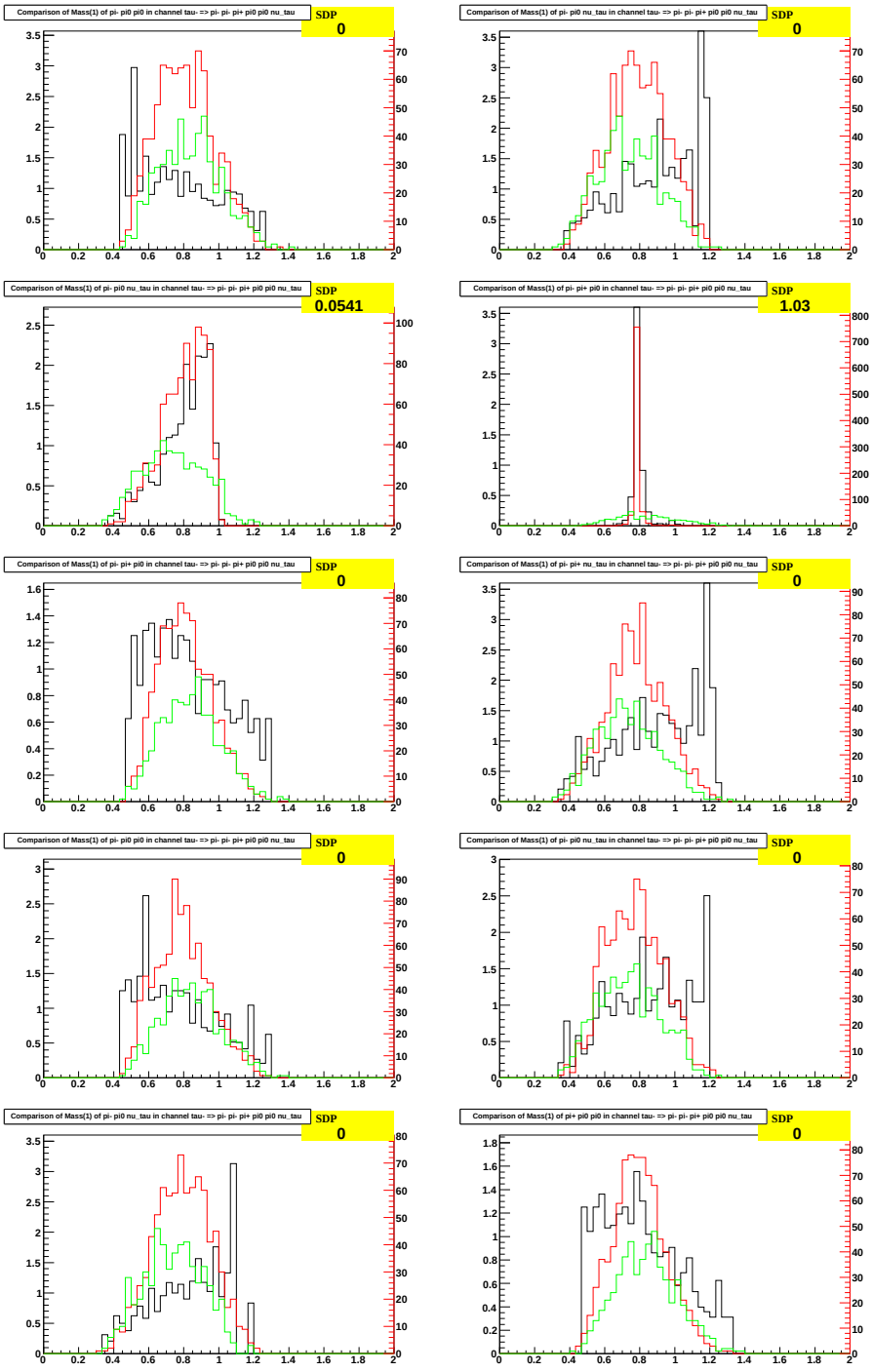

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

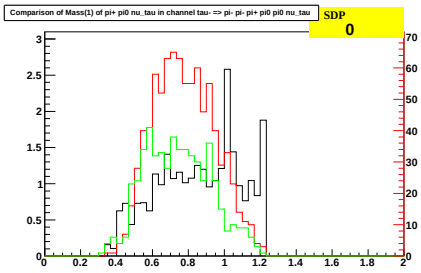

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

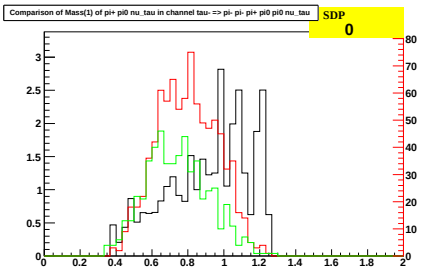

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

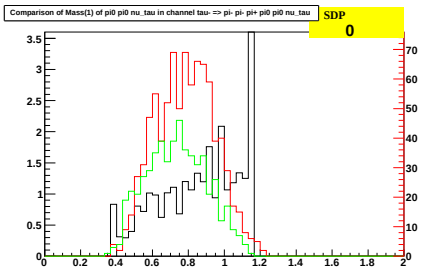

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

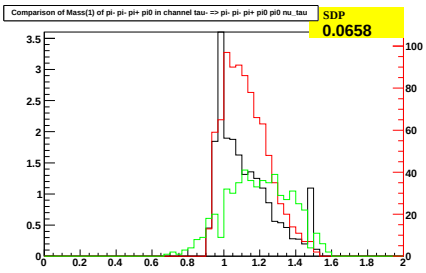

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

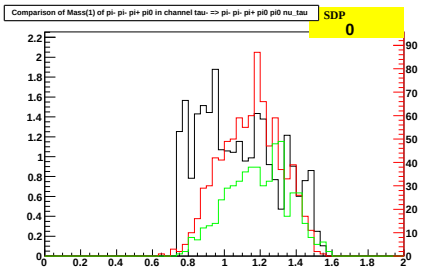

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0541
Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
1.03
Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

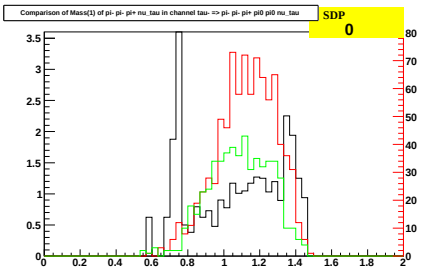

Comparison of Mass(1) of pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

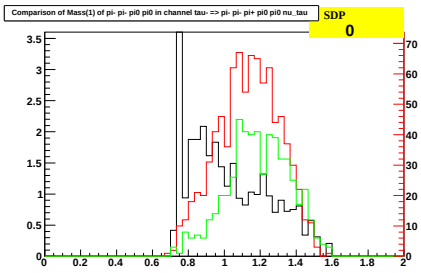

Comparison of Mass(1) of pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

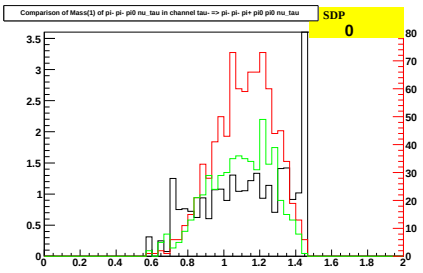

Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

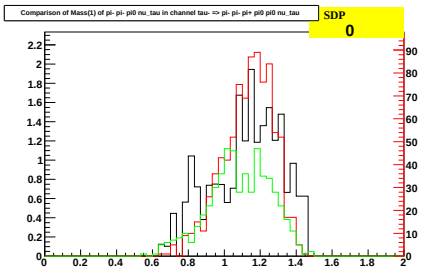

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0658

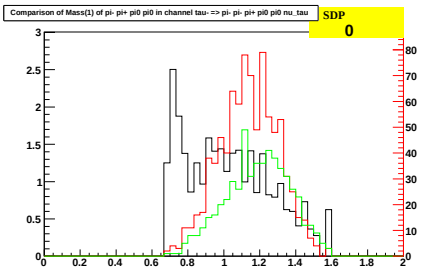

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

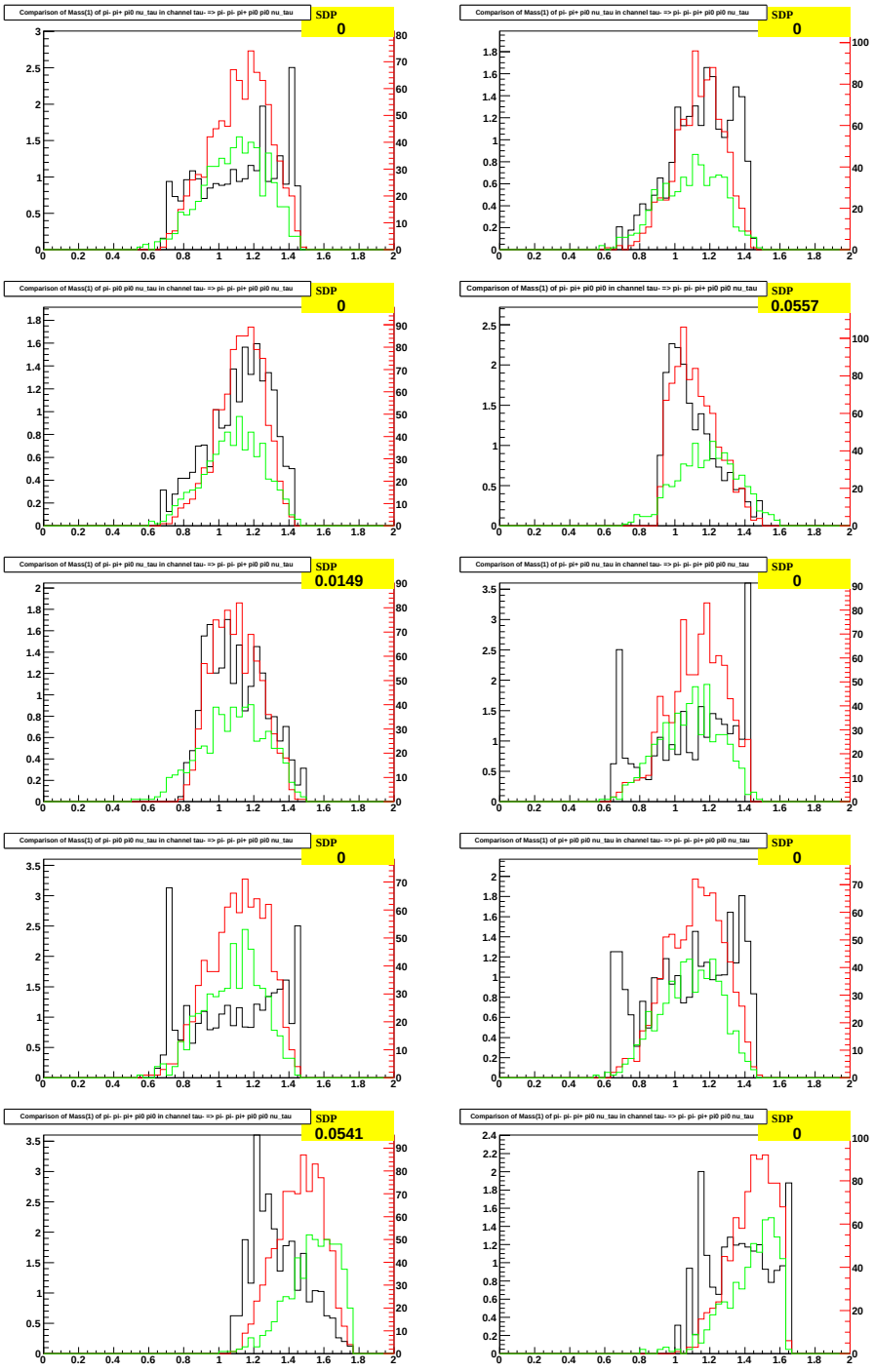

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

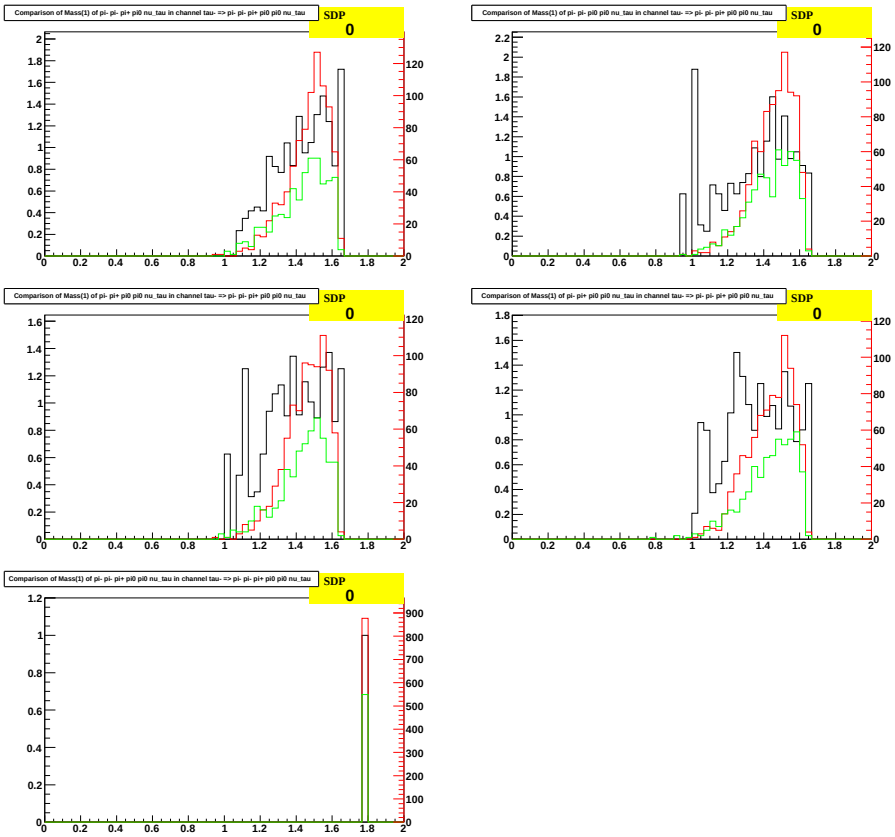

Comparison of Mass(1) of pi- pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

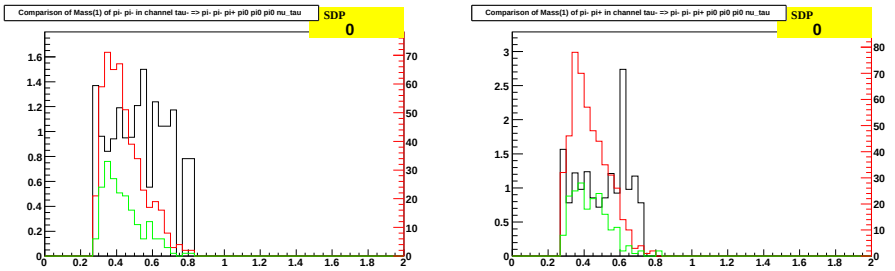

Comparison of Mass(1) of pi+ pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

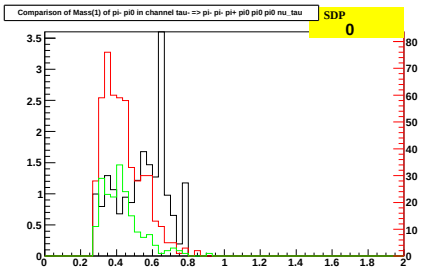

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0557
Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0149
Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0.0541
Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

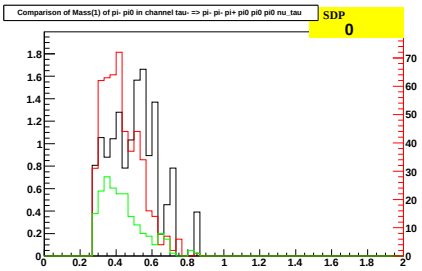


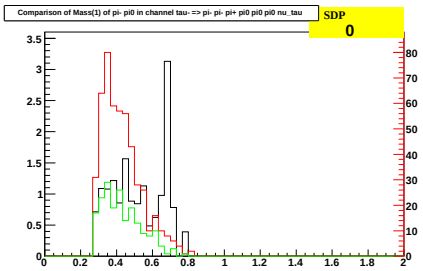
15 Decay Channel: $\tau^- \rightarrow \pi^-\pi^-\pi^+\pi^0\pi^0\pi^0\nu_\tau$

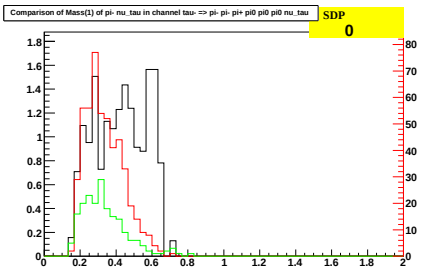
Number of events from generator 1: 501
Number of events from generator 2: 196

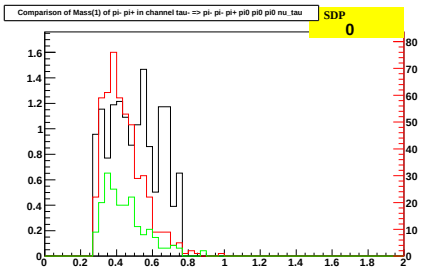


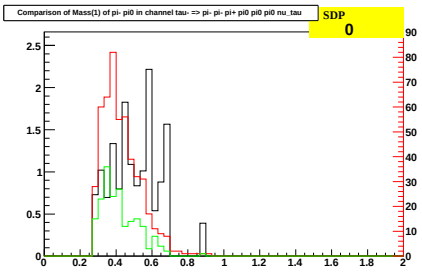

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

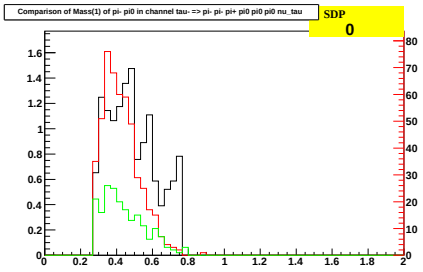

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

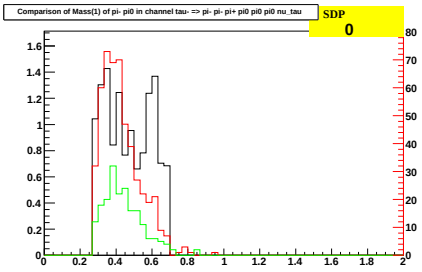

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

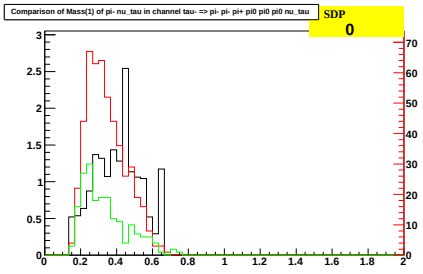

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

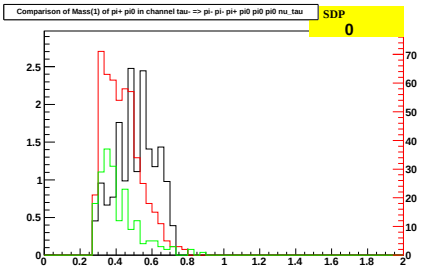

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

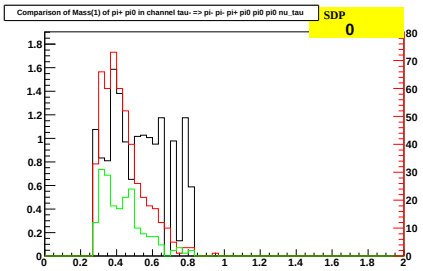

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 nu_tau
SDP
0

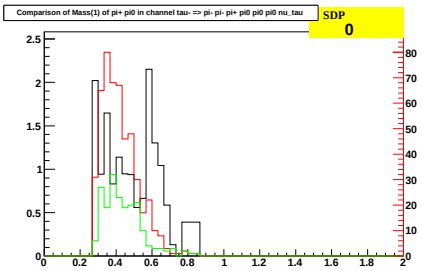

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

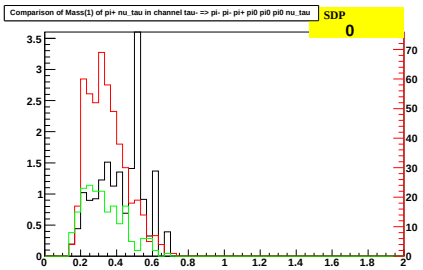

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

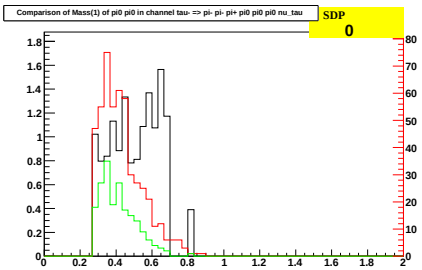

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

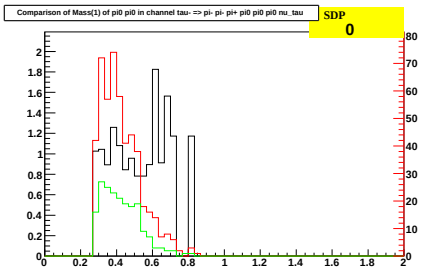

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

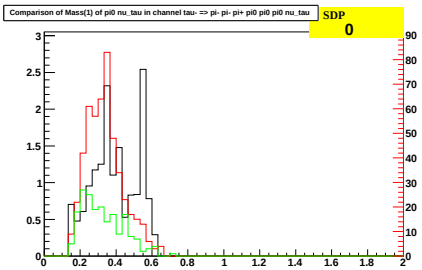

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

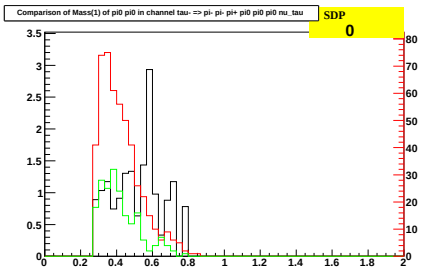

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

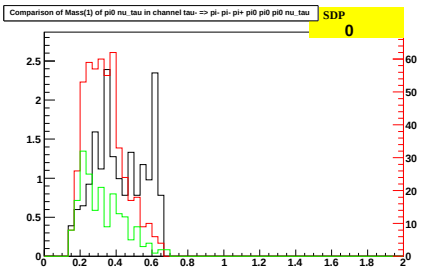

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

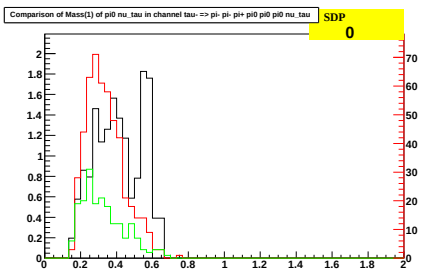

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

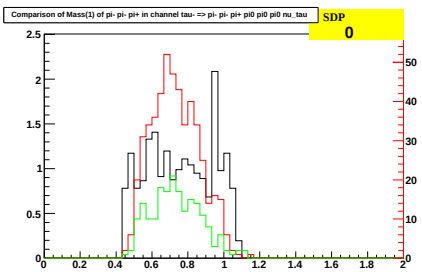

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

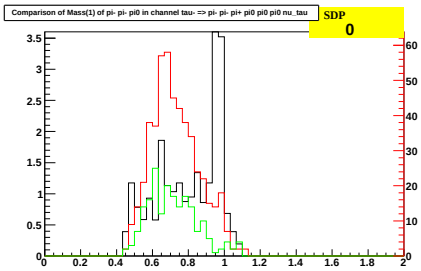

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

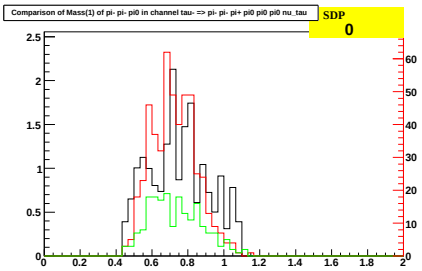

Comparison of Mass(1) of pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

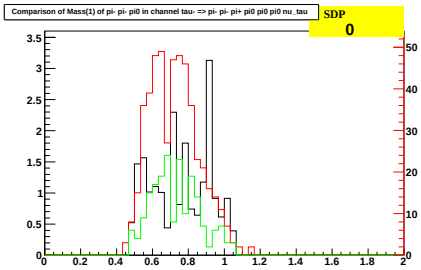

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

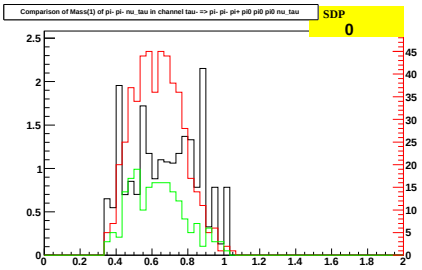

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

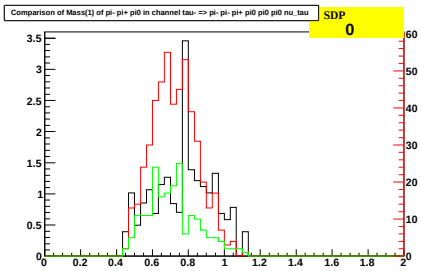

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

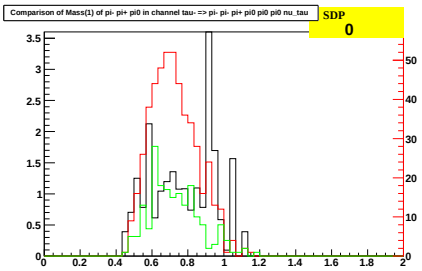

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

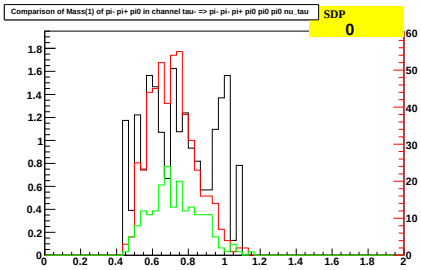

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

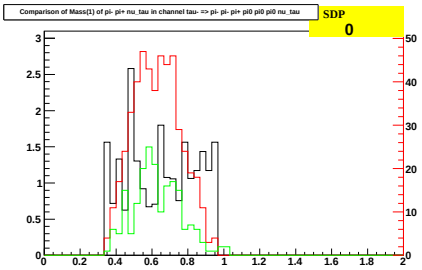

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

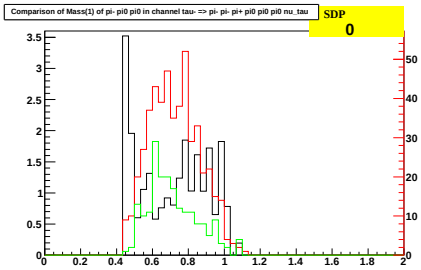

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

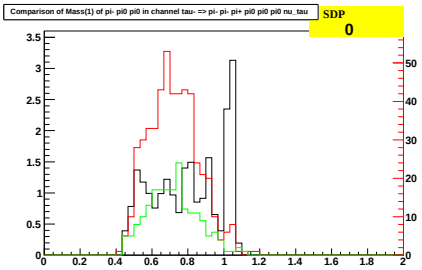

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

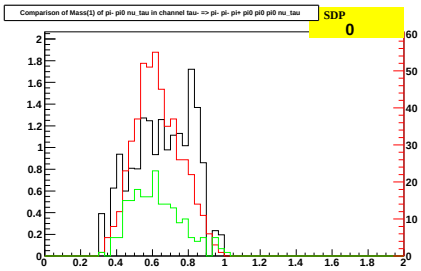

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

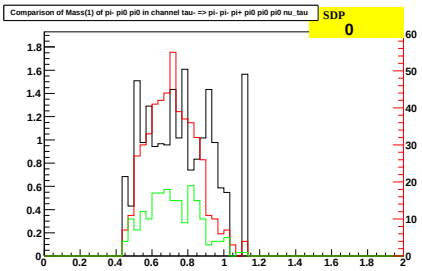

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

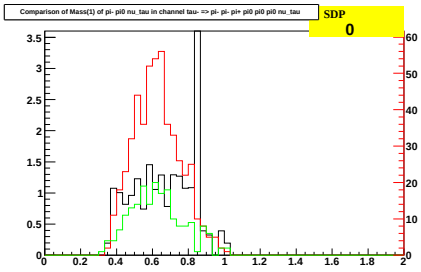

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

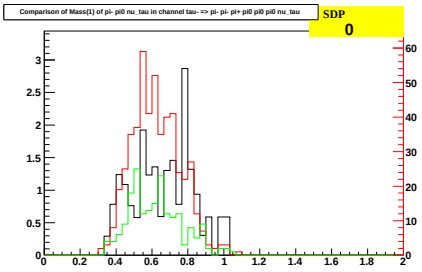

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

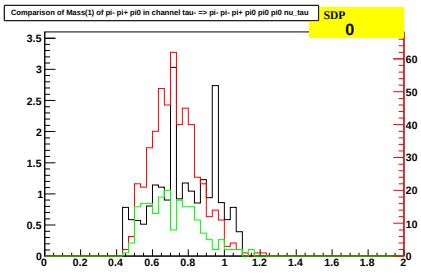

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

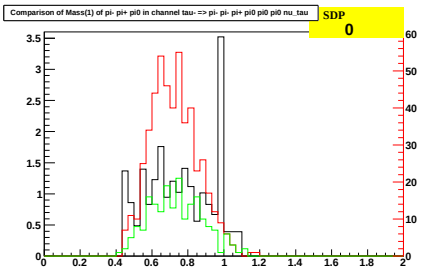

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

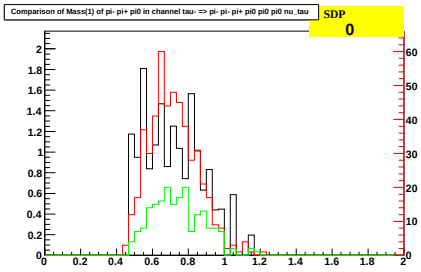

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

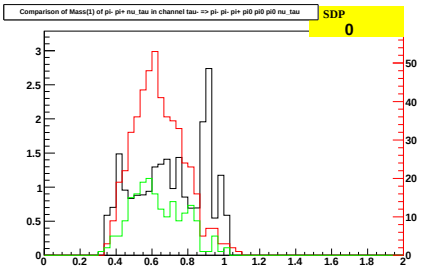

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

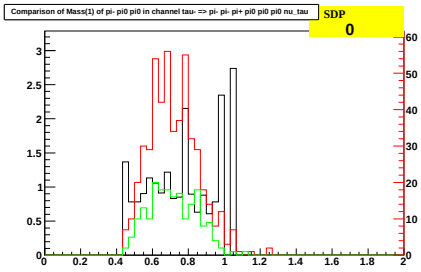

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

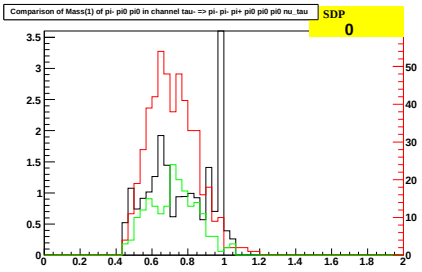

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

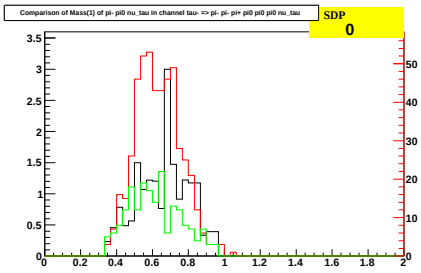

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

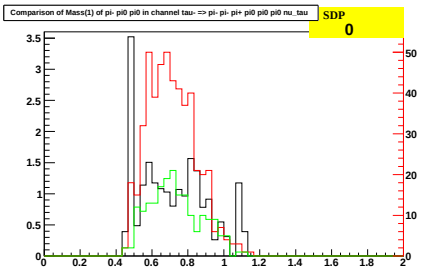

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

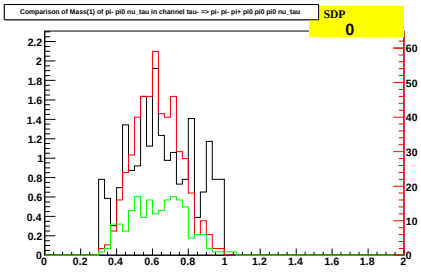

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

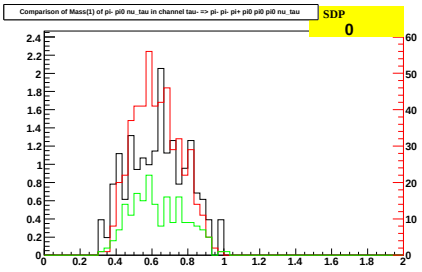

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

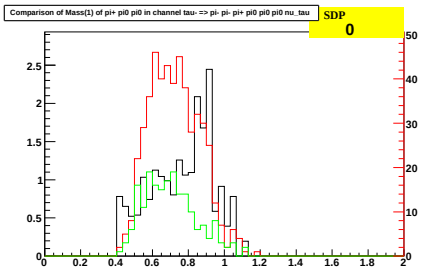

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

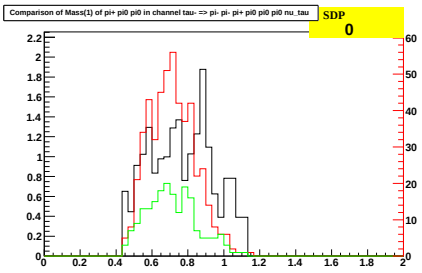

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

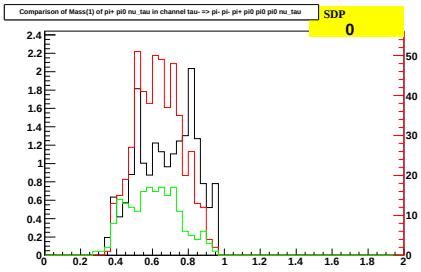

Comparison of Mass(1) of pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

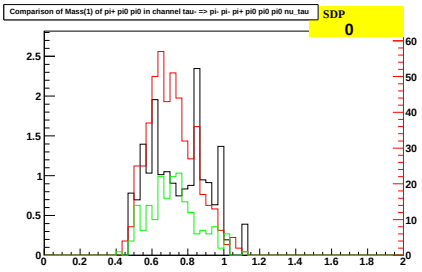

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

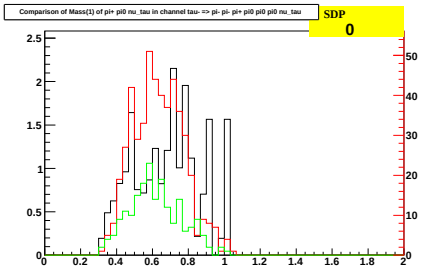

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

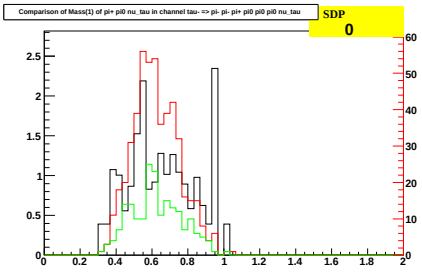

Comparison of Mass(1) of pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

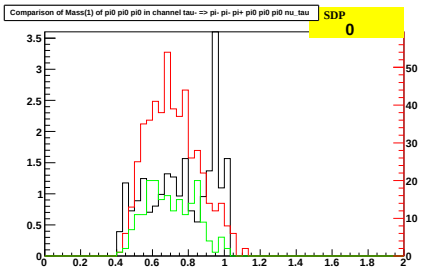

Comparison of Mass(1) of pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

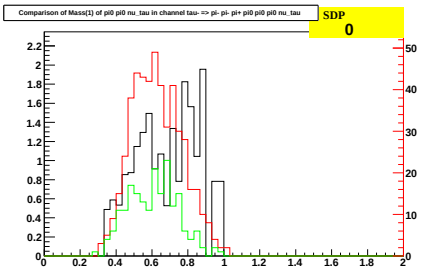

Comparison of Mass(1) of pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

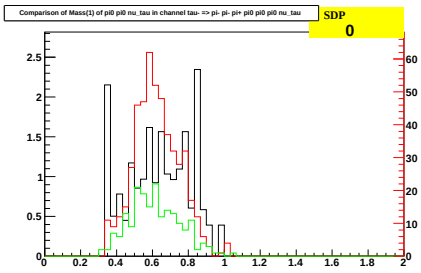

Comparison of Mass(1) of pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

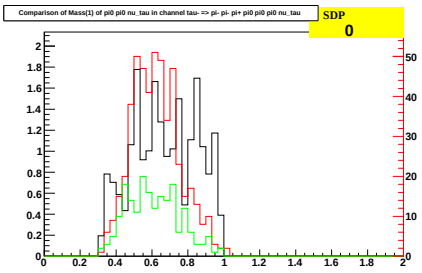

Comparison of Mass(1) of pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

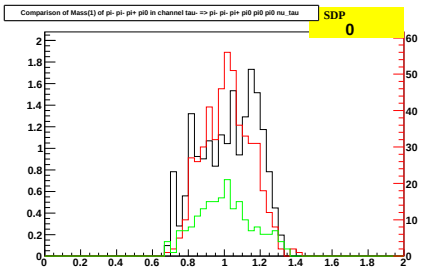

Comparison of Mass(1) of pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

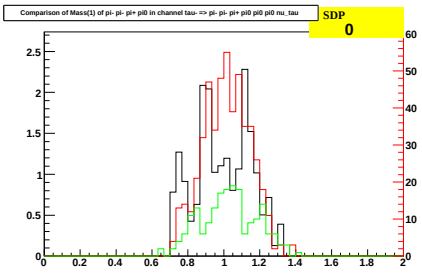

Comparison of Mass(1) of pi0 pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

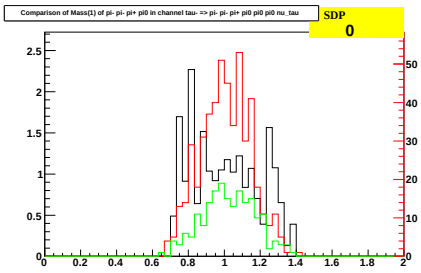

Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

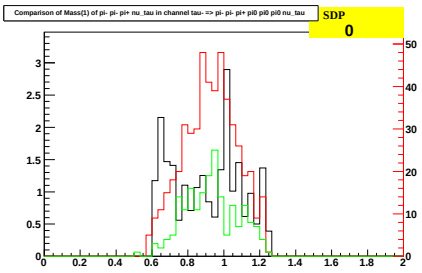

Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

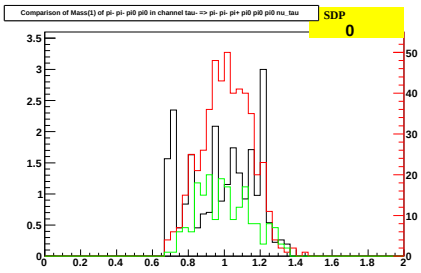

Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

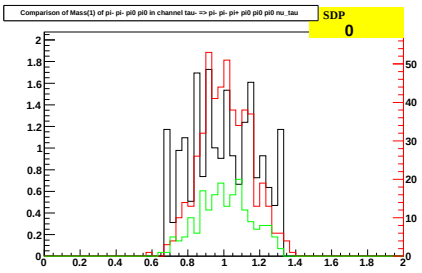

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

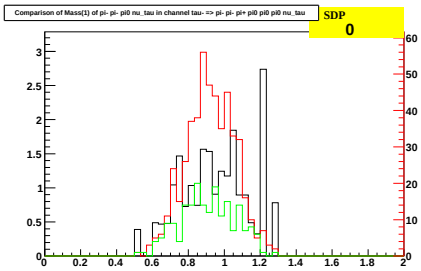

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

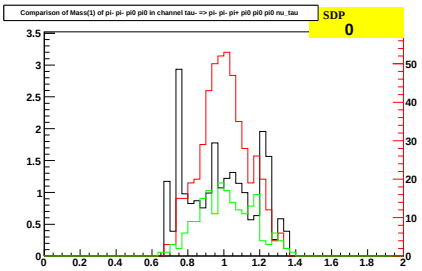

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

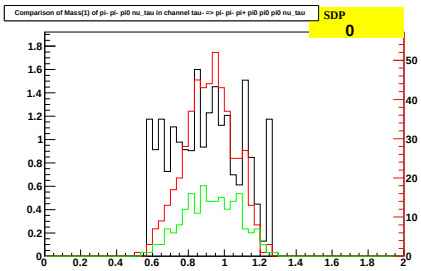

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

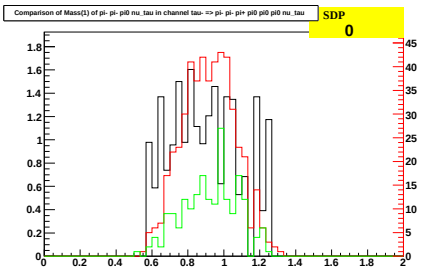

Comparison of Mass(1) of pi- pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

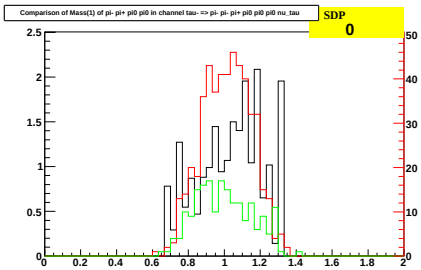

Comparison of Mass(1) of pi- pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

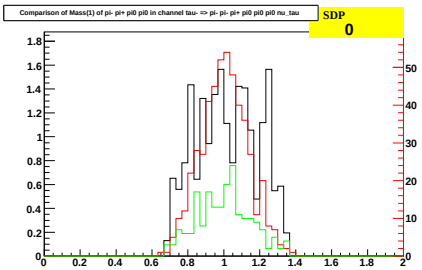

Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

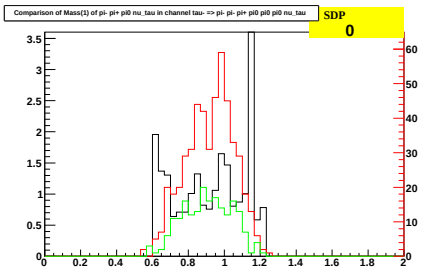

Comparison of Mass(1) of pi- pi- pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

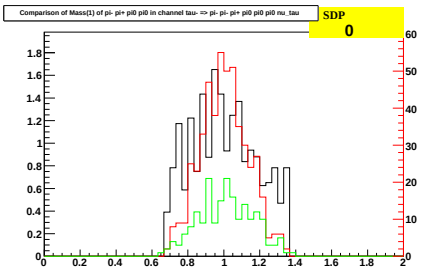

Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

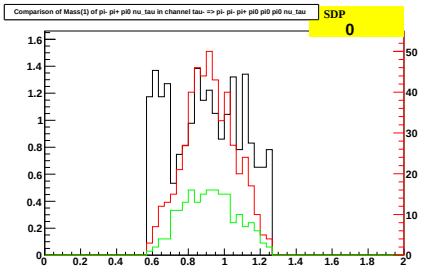

Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

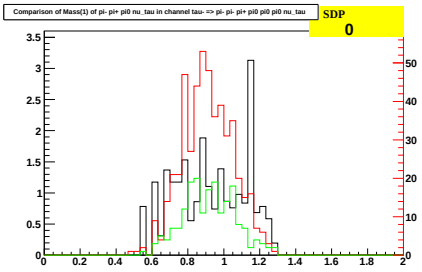

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

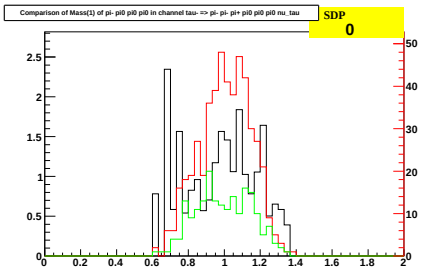

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

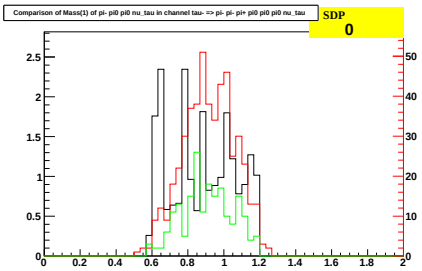

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

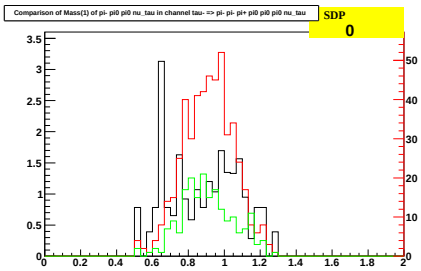

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

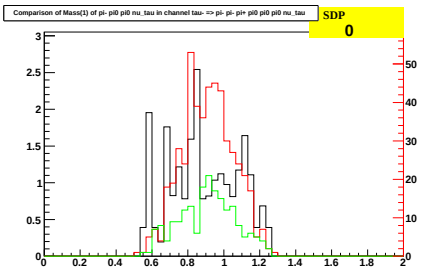

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

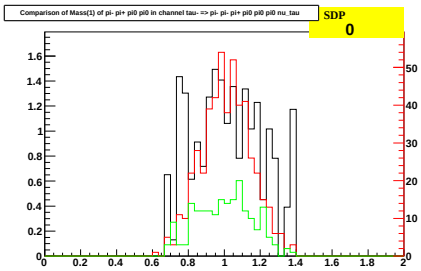

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

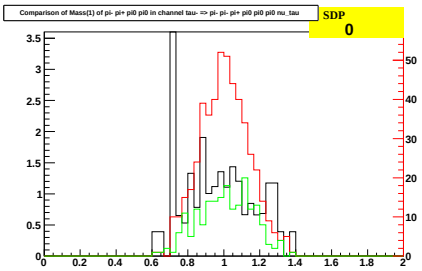

Comparison of Mass(1) of pi- pi0 pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

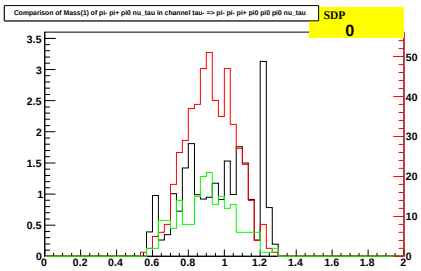

Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

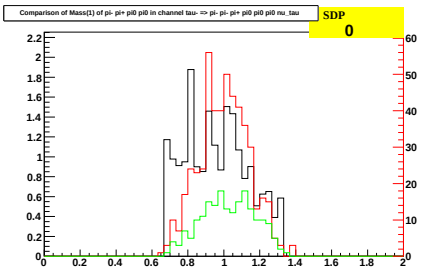

Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

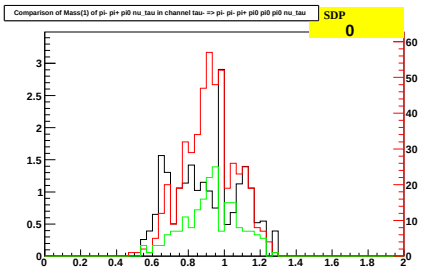

Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

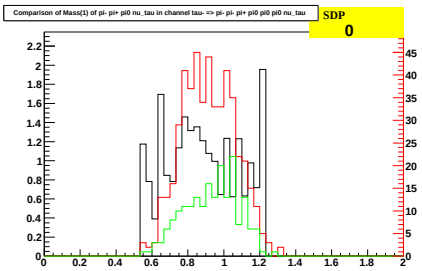

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

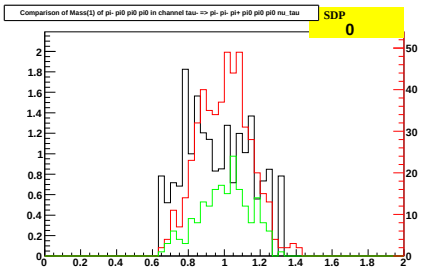

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

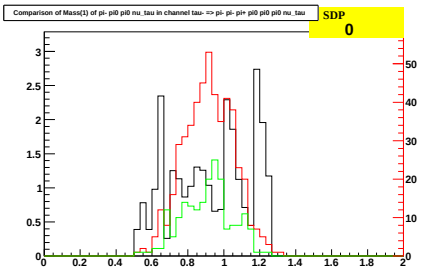

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

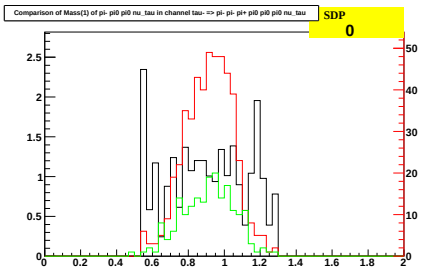

Comparison of Mass(1) of pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

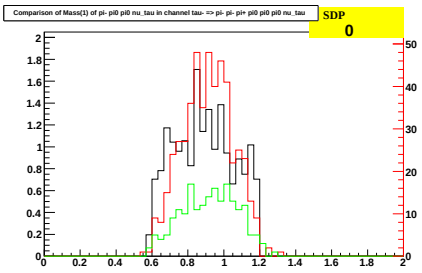

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

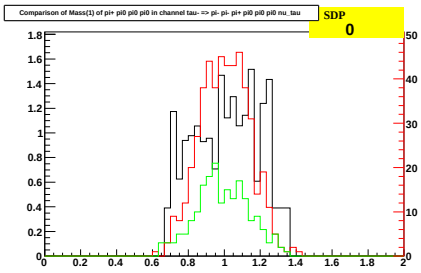

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

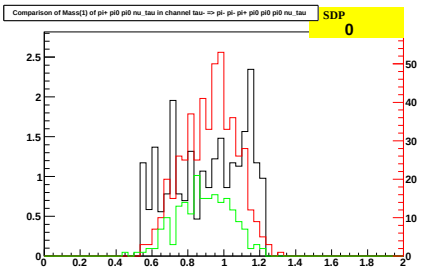

Comparison of Mass(1) of pi- pi0 pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

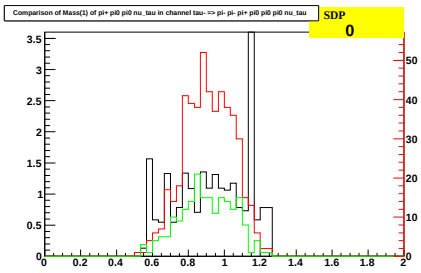

Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

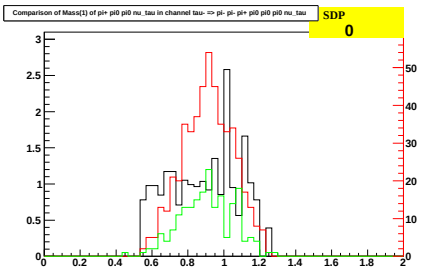

Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

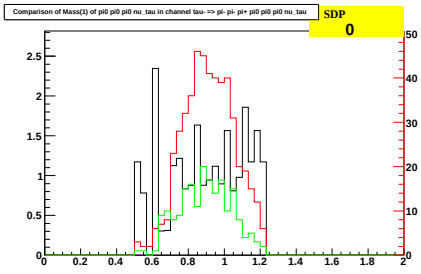

Comparison of Mass(1) of pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

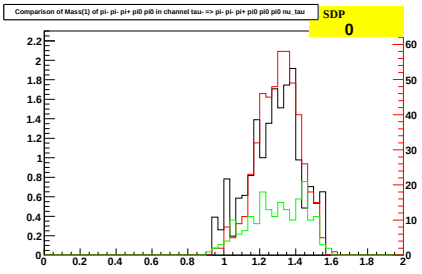

Comparison of Mass(1) of pi+ pi0 pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

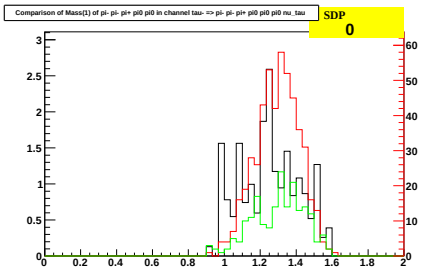

Comparison of Mass(1) of pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

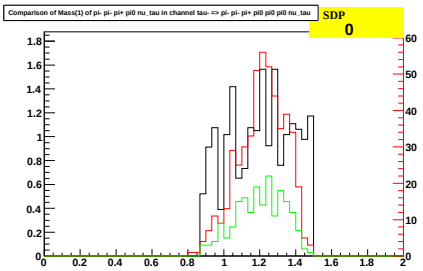

Comparison of Mass(1) of pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

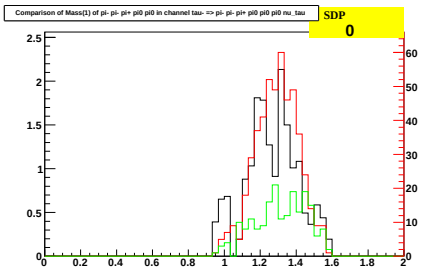

Comparison of Mass(1) of pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

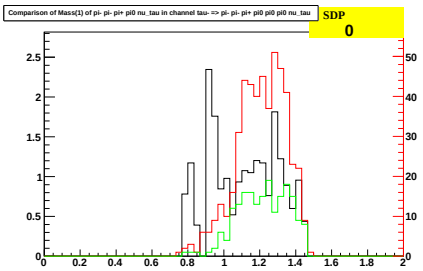

Comparison of Mass(1) of pi0 pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

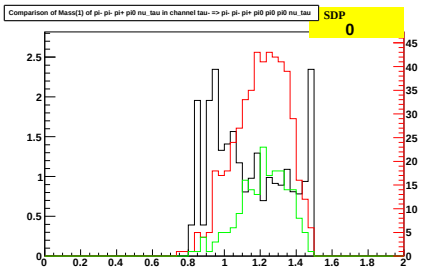

Comparison of Mass(1) of pi- pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

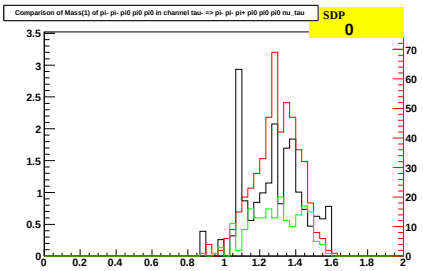

Comparison of Mass(1) of pi- pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

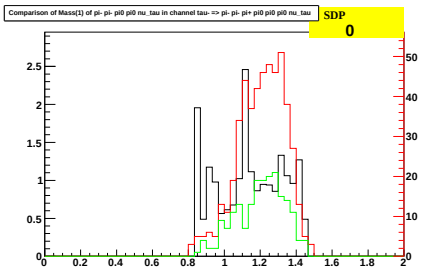

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

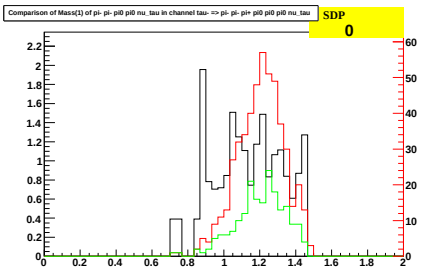

Comparison of Mass(1) of pi- pi- pi+ pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

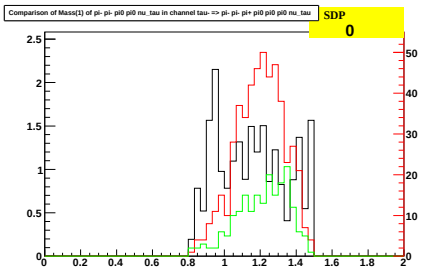

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

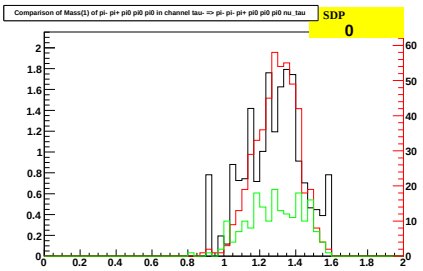

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

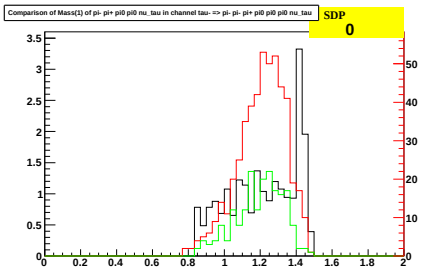

Comparison of Mass(1) of pi- pi- pi0 pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

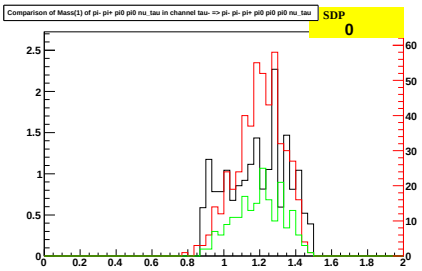

Comparison of Mass(1) of pi- pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

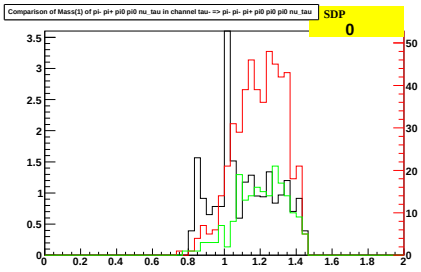

Comparison of Mass(1) of pi- pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

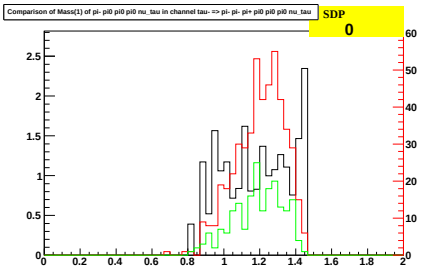

Comparison of Mass(1) of pi- pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

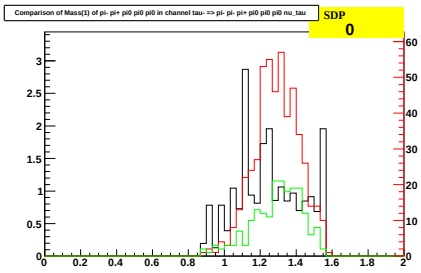

Comparison of Mass(1) of pi- pi- pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

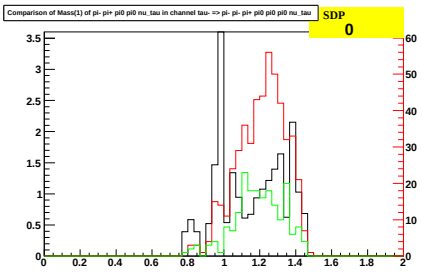

Comparison of Mass(1) of pi- pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

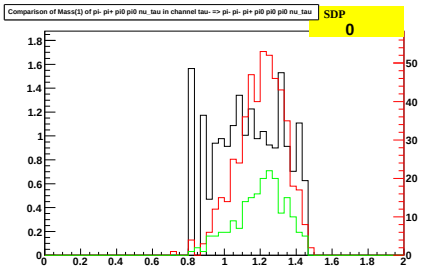

Comparison of Mass(1) of pi- pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

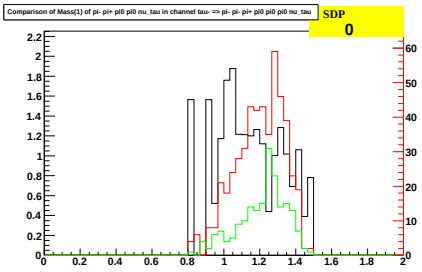

Comparison of Mass(1) of pi- pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

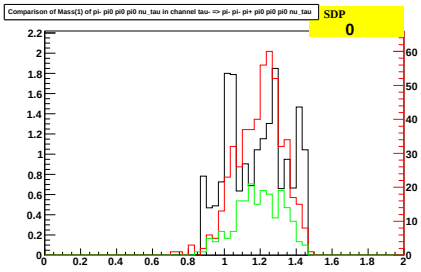

Comparison of Mass(1) of pi- pi0 pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

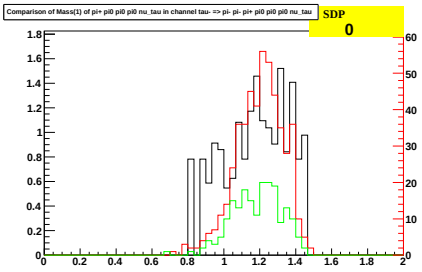

Comparison of Mass(1) of pi- pi+ pi0 pi0 pi0 in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

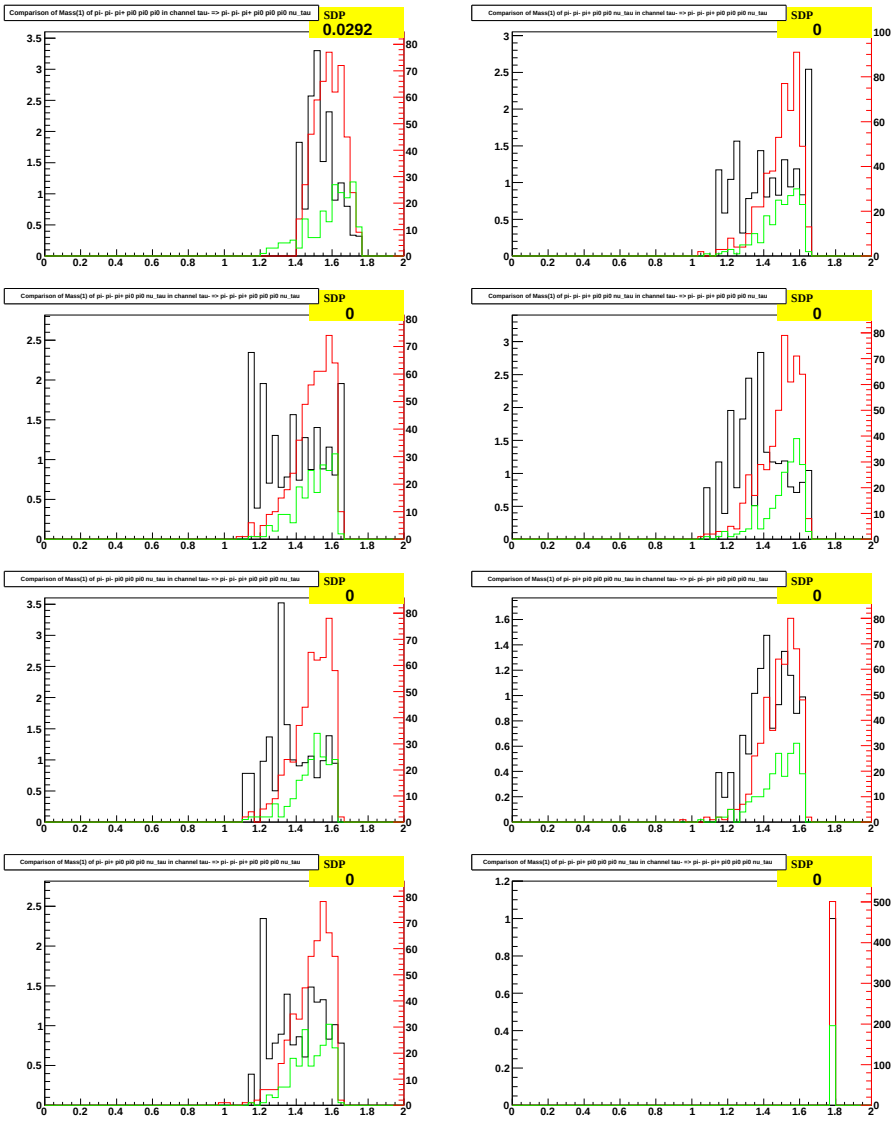

Comparison of Mass(1) of pi- pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi+ pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

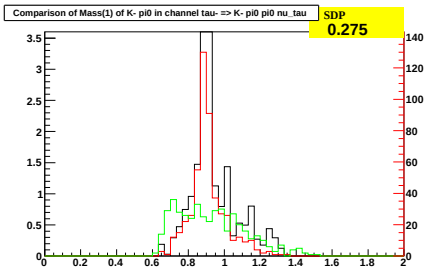

Comparison of Mass(1) of pi- pi0 pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

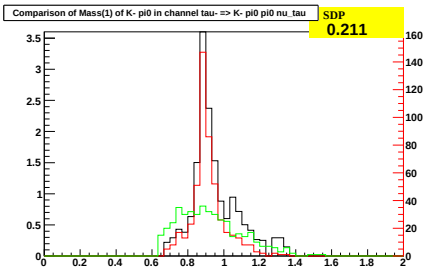

Comparison of Mass(1) of pi+ pi0 pi0 pi0 nu_tau in channel tau- => pi- pi- pi+ pi0 pi0 pi0 nu_tau
SDP
0

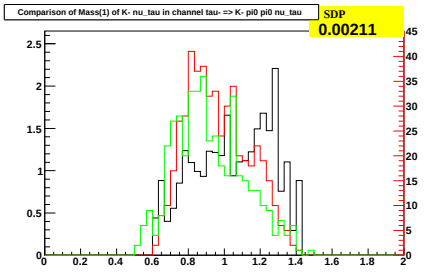


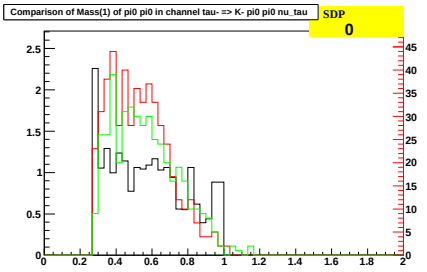
16 Decay Channel: $\tau^- \to K^-\pi^0\pi^0\nu_\tau$

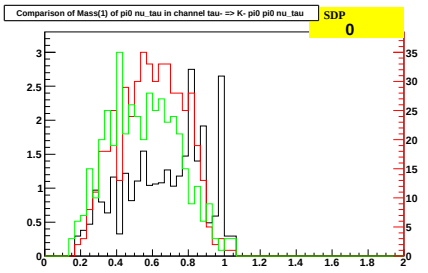
Number of events from generator 1: 498
Number of events from generator 2: 440

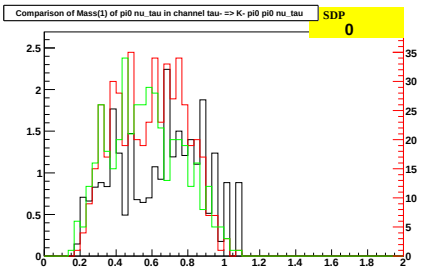

Comparison of Mass(1) of K- pi0 in channel tau- => K- pi0 pi0 nu_tau
SDP
0.275

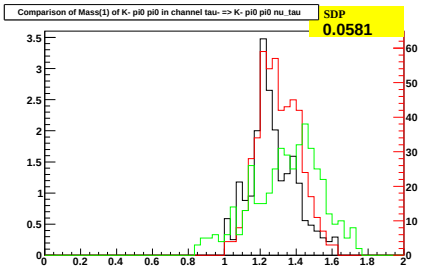

Comparison of Mass(1) of K- pi0 in channel tau- => K- pi0 pi0 nu_tau
SDP
0.211

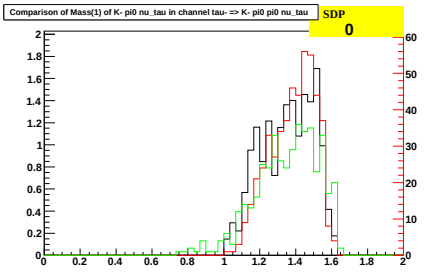

Comparison of Mass(1) of K- nu_tau in channel tau- => K- pi0 pi0 nu_tau
SDP
0.00211

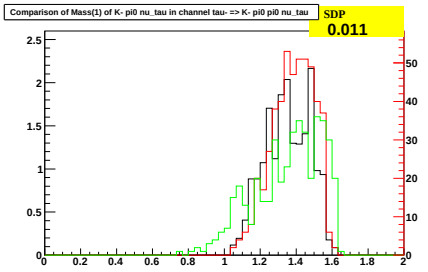

Comparison of Mass(1) of pi0 pi0 in channel tau- => K- pi0 pi0 nu_tau
SDP
0

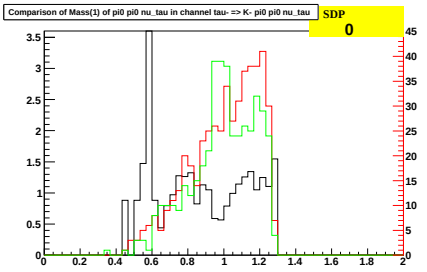

Comparison of Mass(1) of pi0 nu_tau in channel tau- => K- pi0 pi0 nu_tau
SDP
0

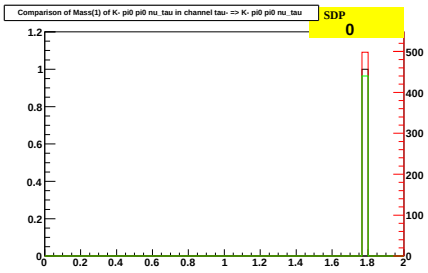

Comparison of Mass(1) of pi0 nu_tau in channel tau- => K- pi0 pi0 nu_tau
SDP
0


Comparison of Mass(1) of K- pi0 pi0 in channel tau- => K- pi0 pi0 nu_tau
SDP
0.0581


Comparison of Mass(1) of K- pi0 nu_tau in channel tau- => K- pi0 pi0 nu_tau
SDP
0

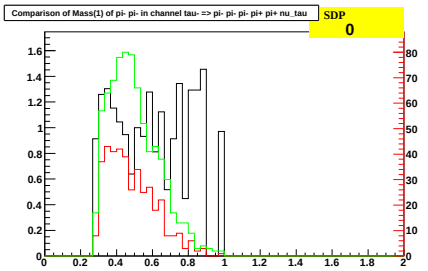

Comparison of Mass(1) of K- pi0 nu_tau in channel tau- => K- pi0 pi0 nu_tau
SDP
0.011

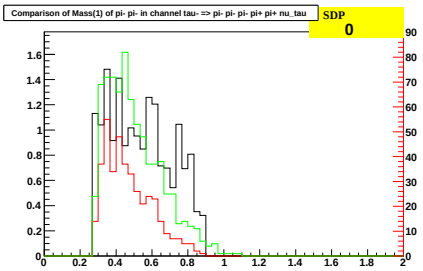

Comparison of Mass(1) of pi0 pi0 nu_tau in channel tau- => K- pi0 pi0 nu_tau
SDP
0

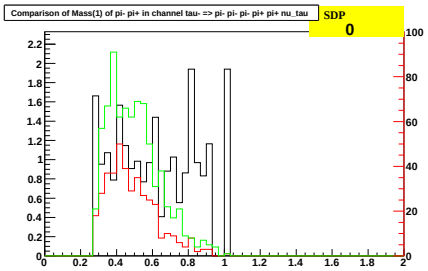


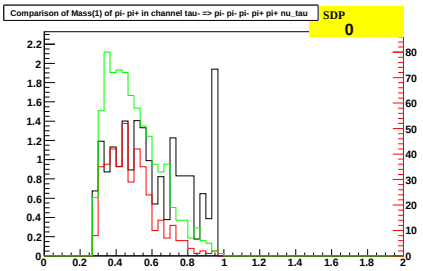
17 Decay Channel: $\tau^- \to \pi^-\pi^-\pi^-\pi^+\pi^+\nu_\tau$

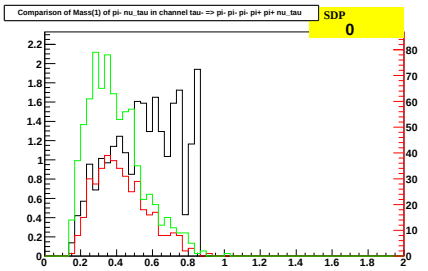
Number of events from generator 1: 402
Number of events from generator 2: 780

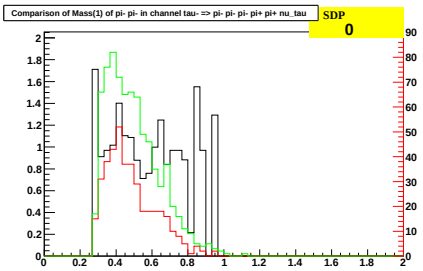


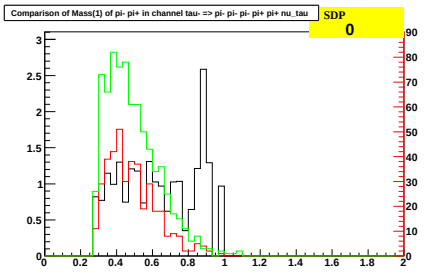


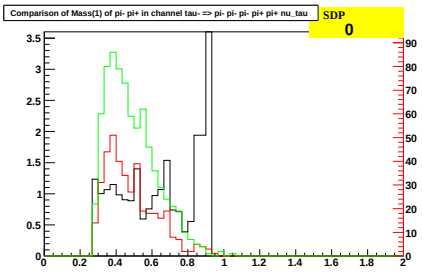


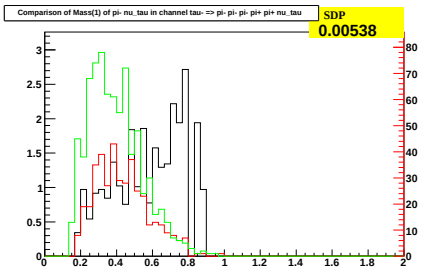


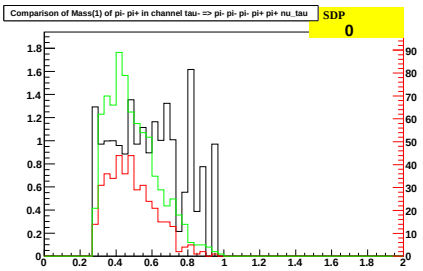


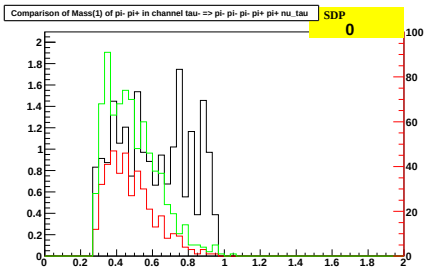


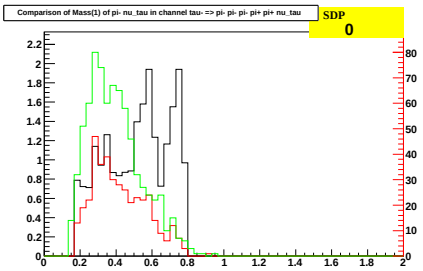

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

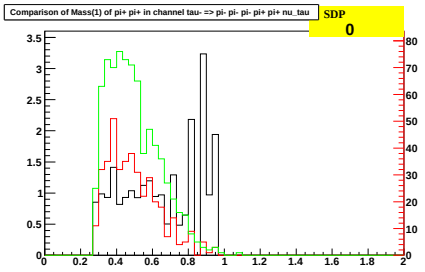

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

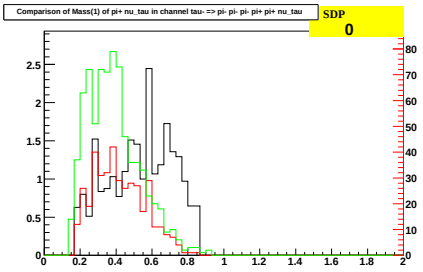

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0.00538

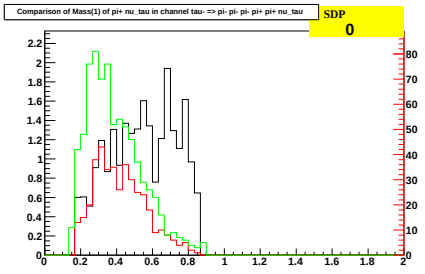

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

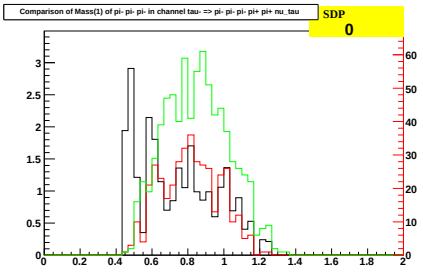

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

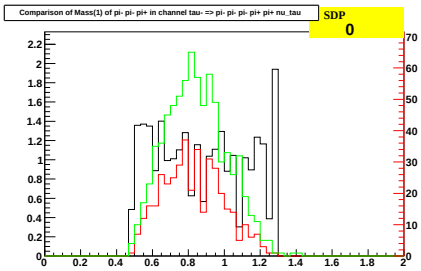

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

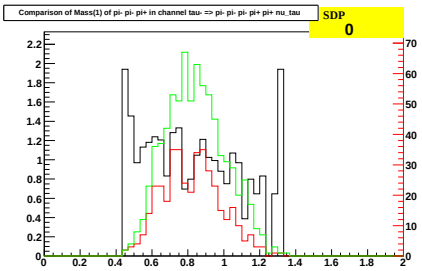

Comparison of Mass(1) of pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

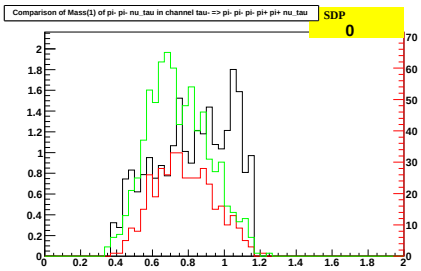

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

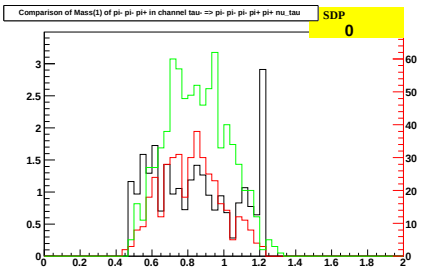

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

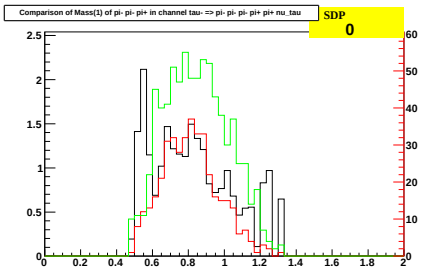

Comparison of Mass(1) of pi- pi- pi- in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

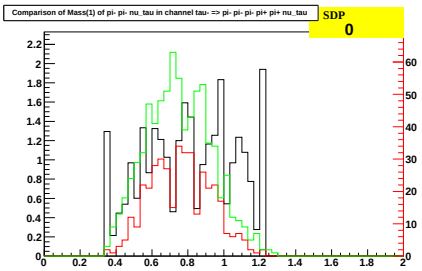

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

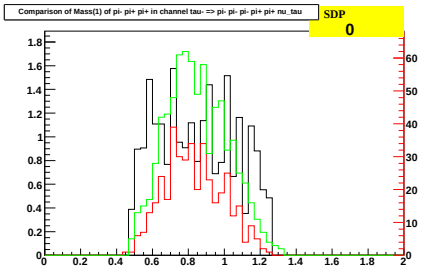

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

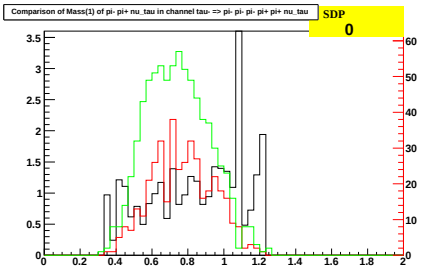

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

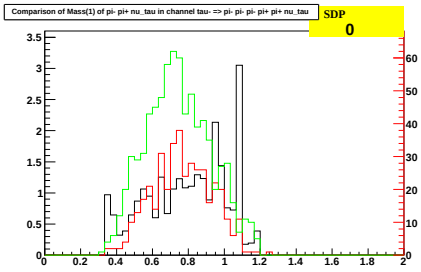

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

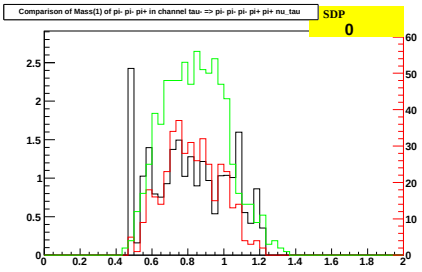

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

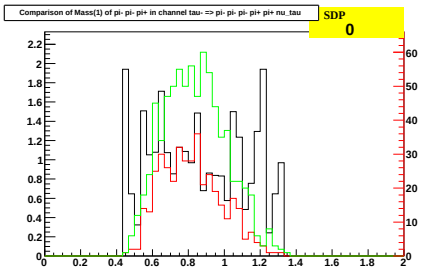

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

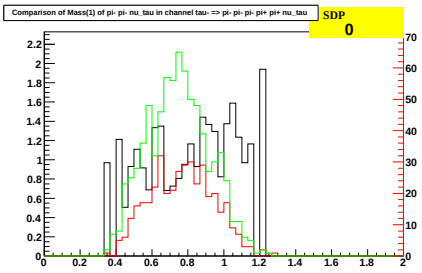

Comparison of Mass(1) of pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

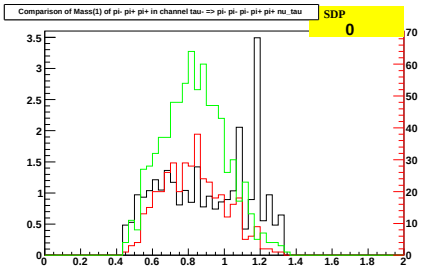

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

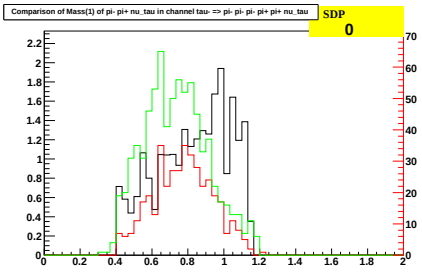

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

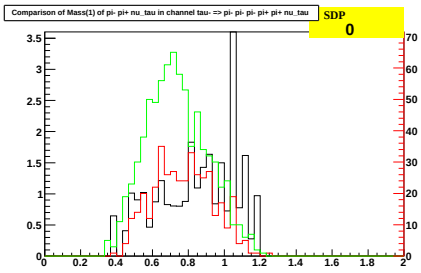

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi+ pi+ nu_tau
SDP
0

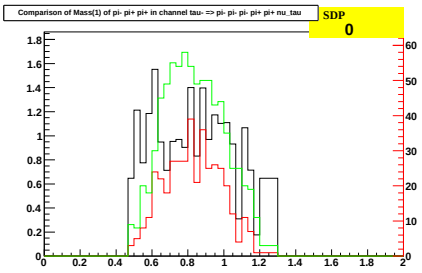

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

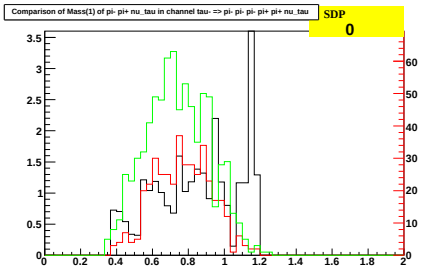

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

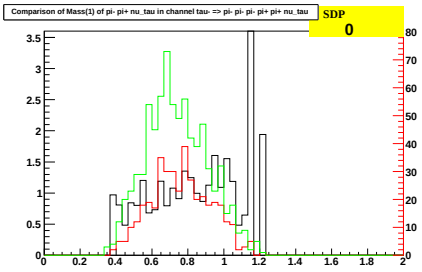

Comparison of Mass(1) of pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

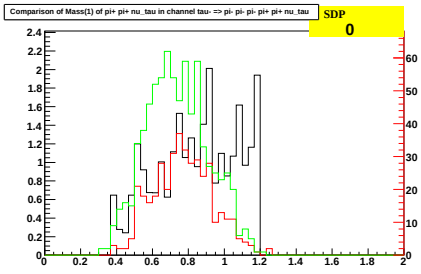

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

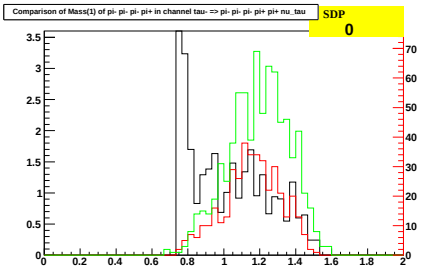

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

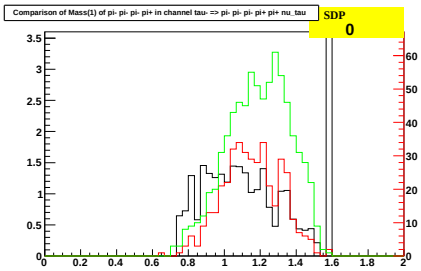

Comparison of Mass(1) of pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

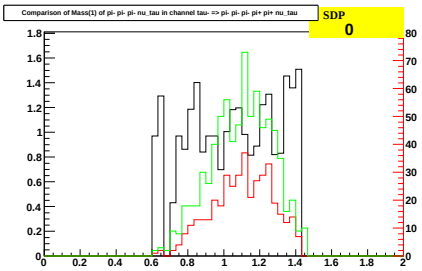

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

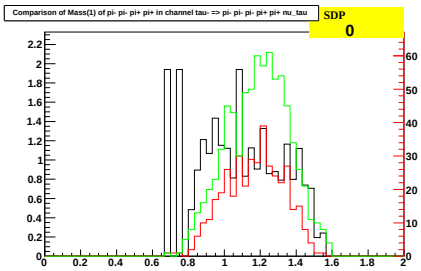

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

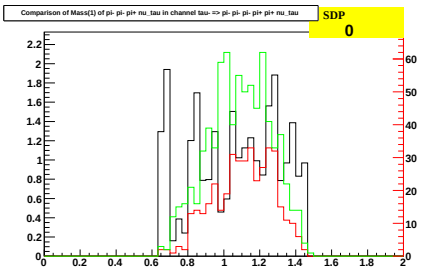

Comparison of Mass(1) of pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

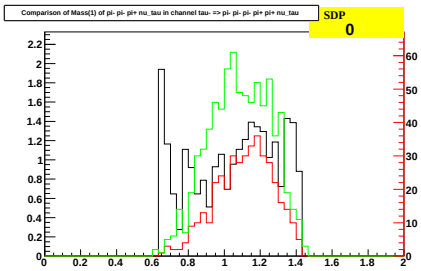

Comparison of Mass(1) of pi- pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

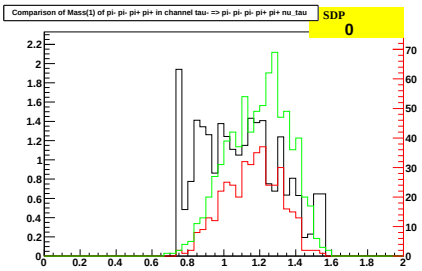

Comparison of Mass(1) of pi- pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

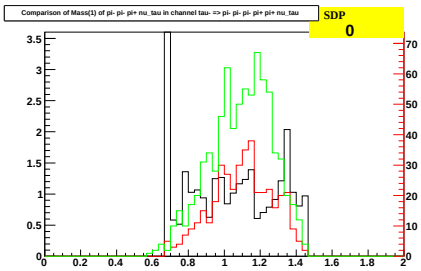

Comparison of Mass(1) of pi- pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

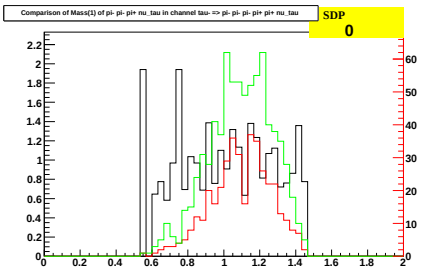

Comparison of Mass(1) of pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

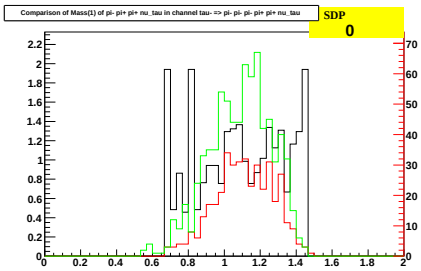

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

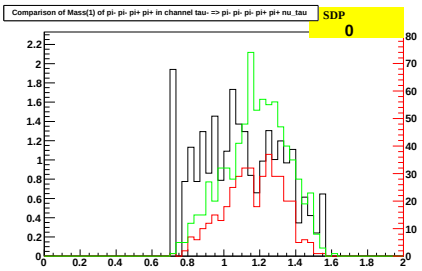

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

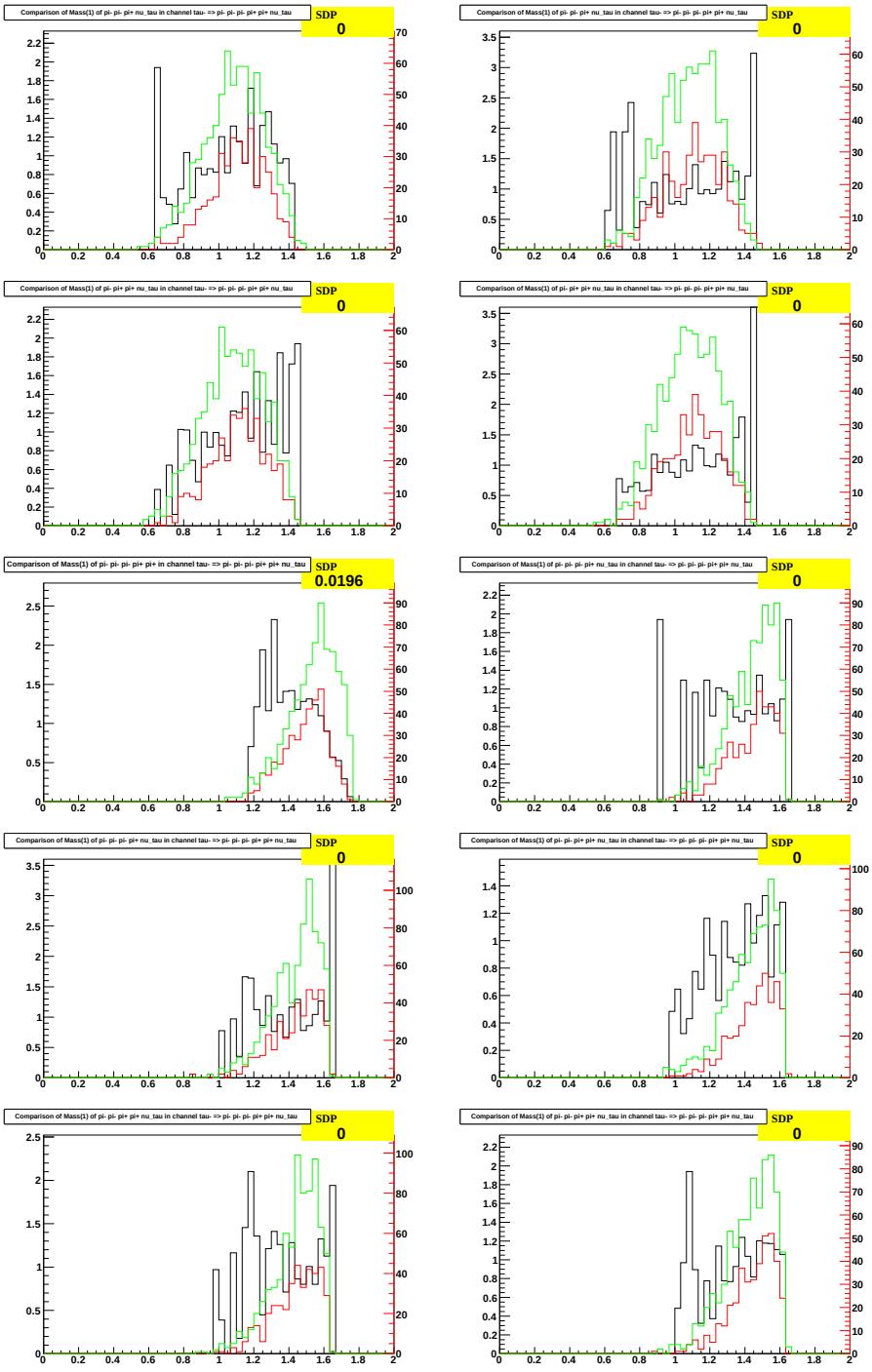

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

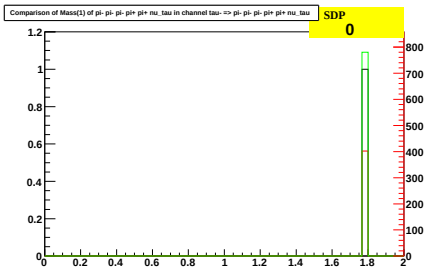

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

Comparison of Mass(1) of pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

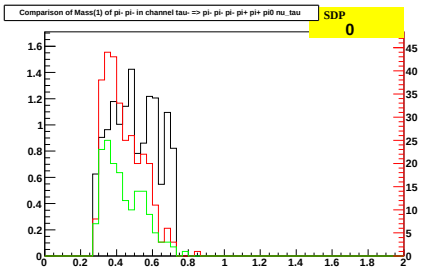
Comparison of Mass(1) of pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

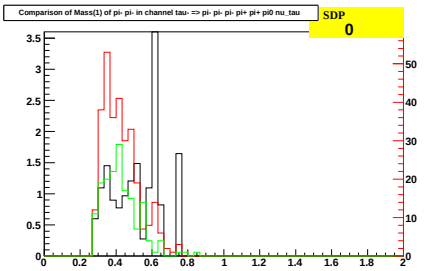

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0.0196
Comparison of Mass(1) of pi- pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0
Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ nu_tau
SDP
0

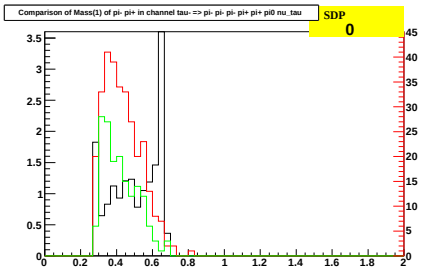


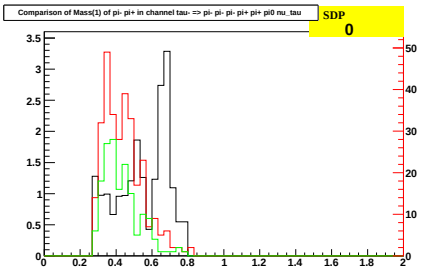
18 Decay Channel: $\tau^- \rightarrow \pi^-\pi^-\pi^-\pi^+\pi^+\pi^0\nu_\tau$

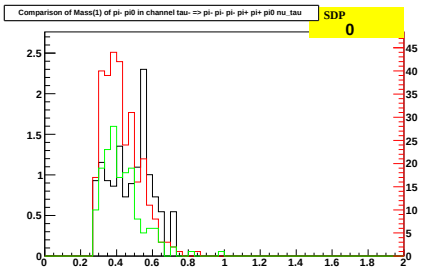
Number of events from generator 1: 303
Number of events from generator 2: 166

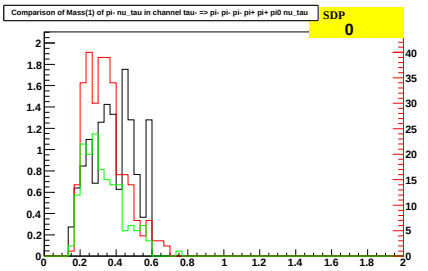


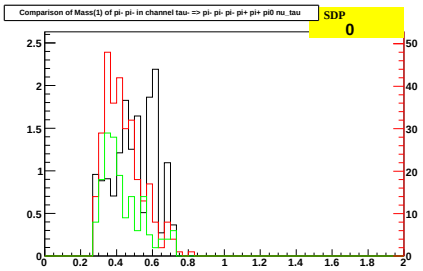


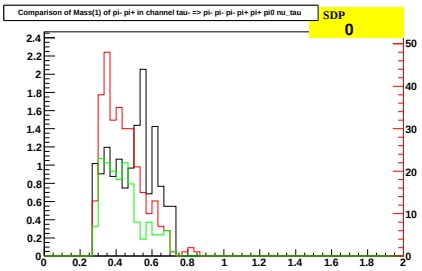


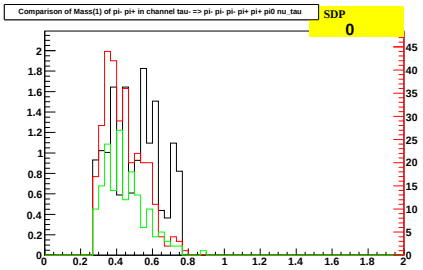


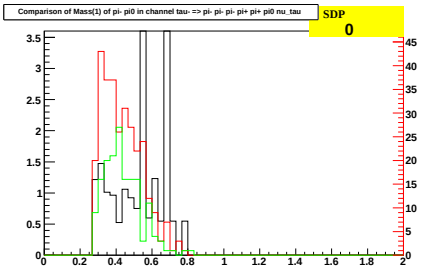


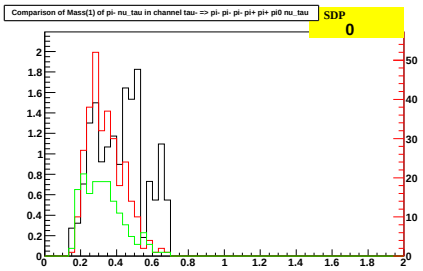


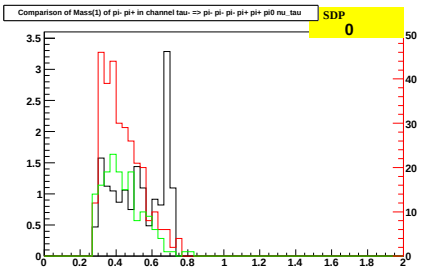

Comparison of Mass(1) of pi- pi- in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

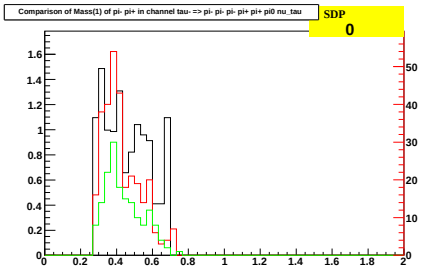

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

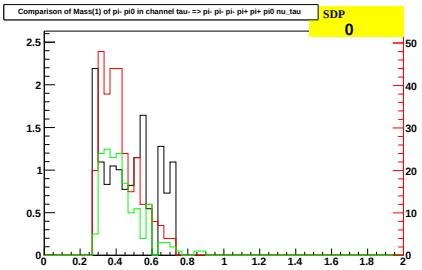

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

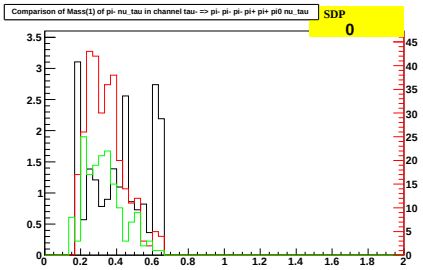

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

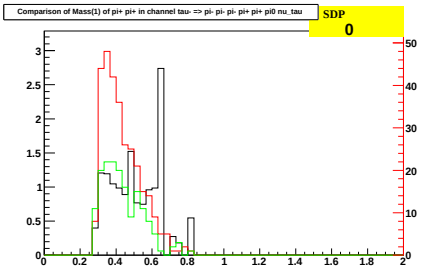

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

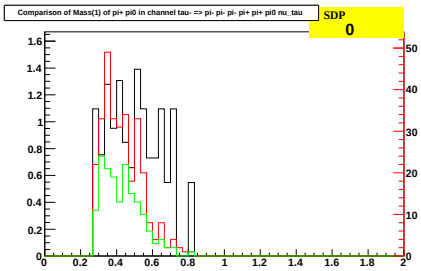

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

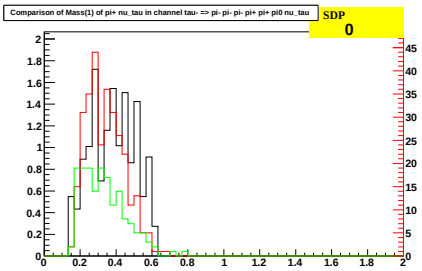

Comparison of Mass(1) of pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

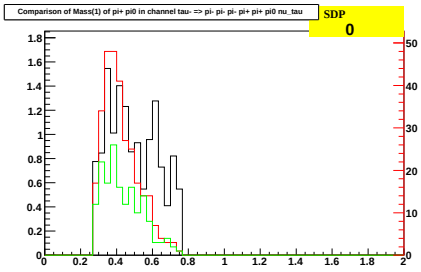

Comparison of Mass(1) of pi- pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

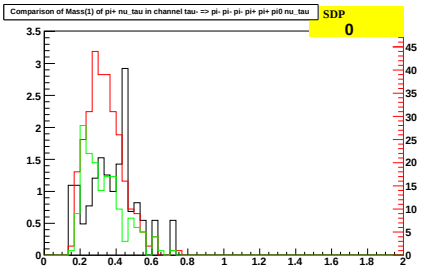

Comparison of Mass(1) of pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

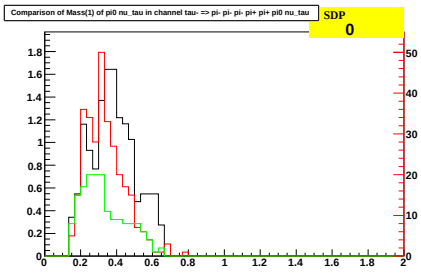

Comparison of Mass(1) of pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

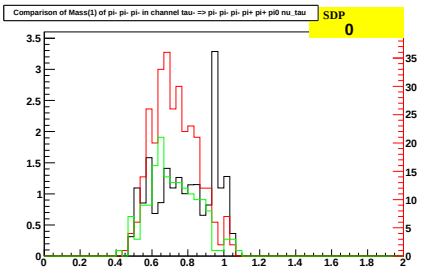

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

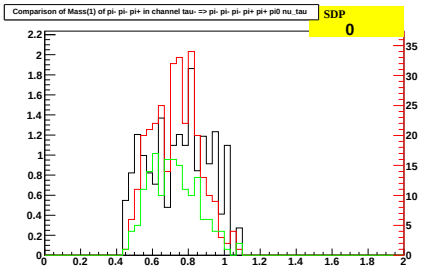

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

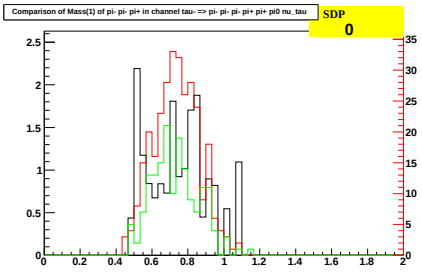

Comparison of Mass(1) of pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

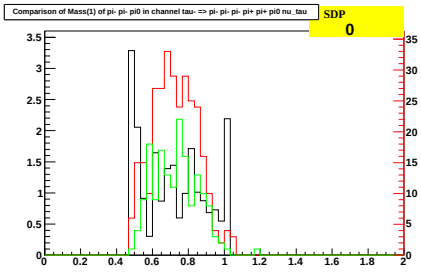

Comparison of Mass(1) of pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

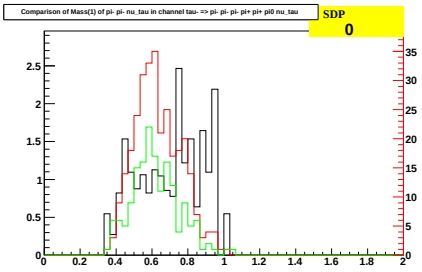

Comparison of Mass(1) of pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

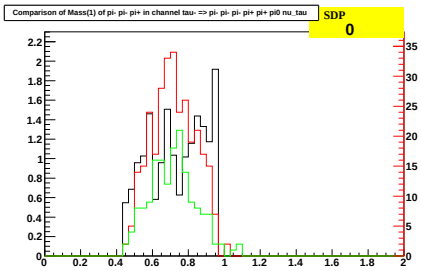

Comparison of Mass(1) of pi- pi- pi- in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

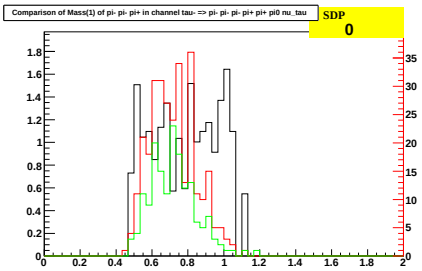

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

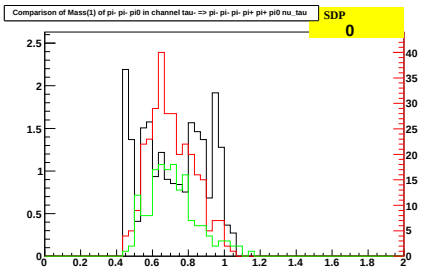

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

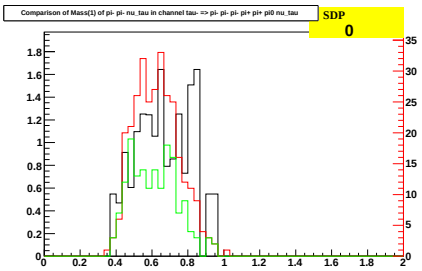

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

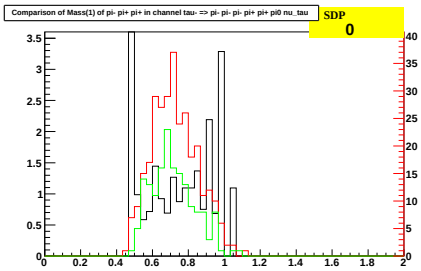

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

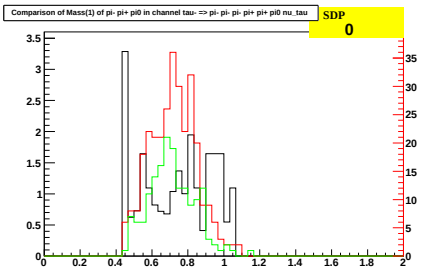

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

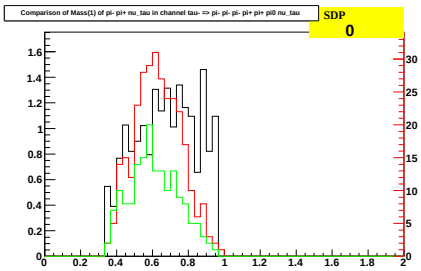

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

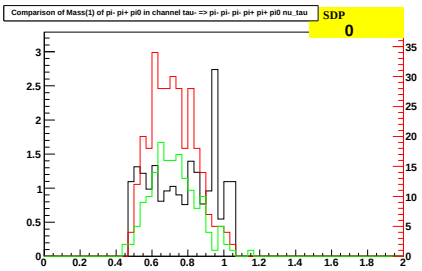

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

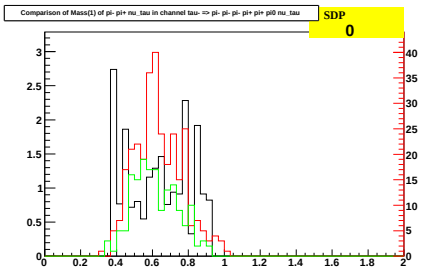

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

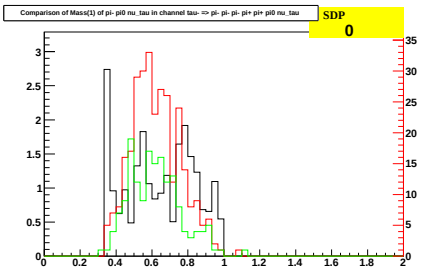

Comparison of Mass(1) of pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

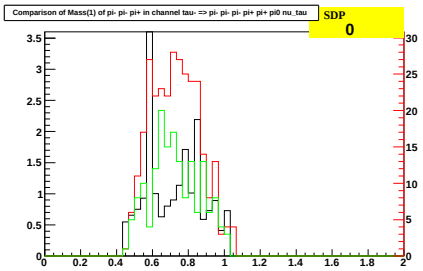

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

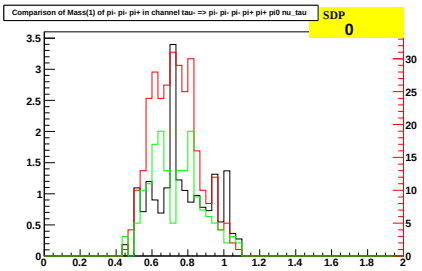

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

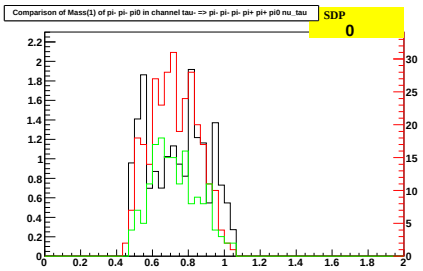

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

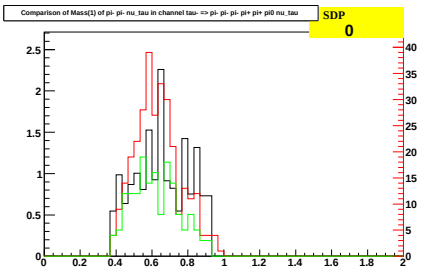

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

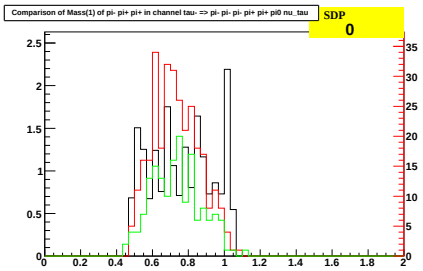

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

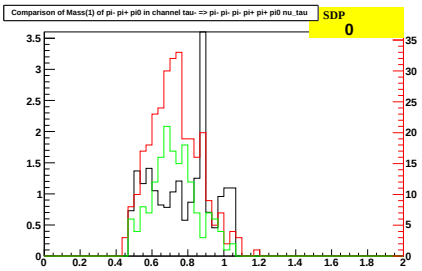

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

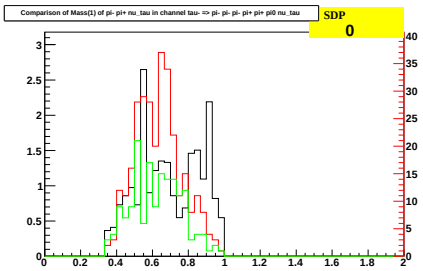

Comparison of Mass(1) of pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

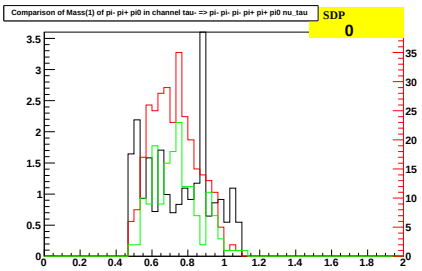

Comparison of Mass(1) of pi- pi- pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

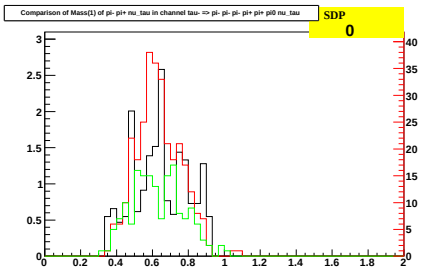

Comparison of Mass(1) of pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

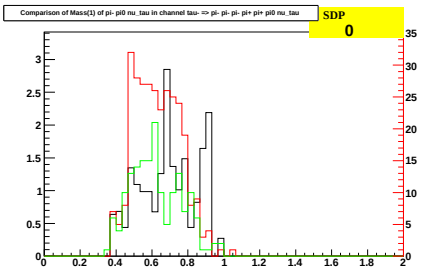

Comparison of Mass(1) of pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

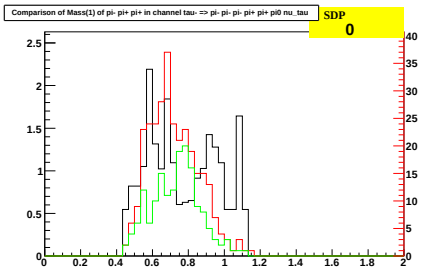

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

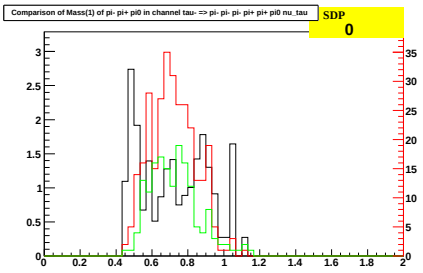

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

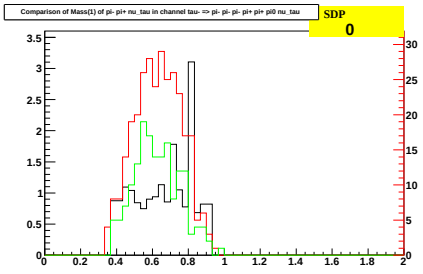

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

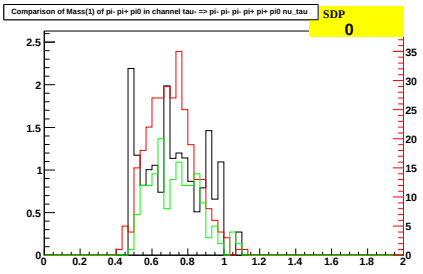

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

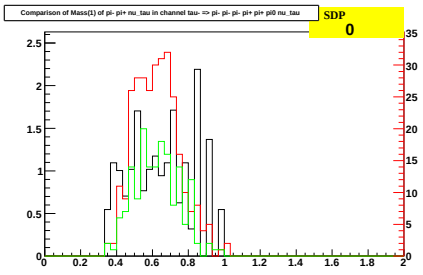

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

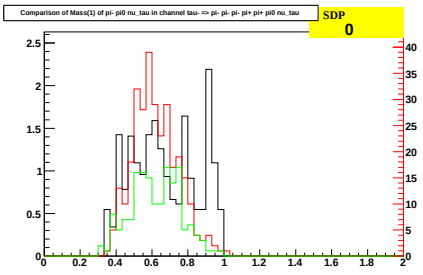

Comparison of Mass(1) of pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

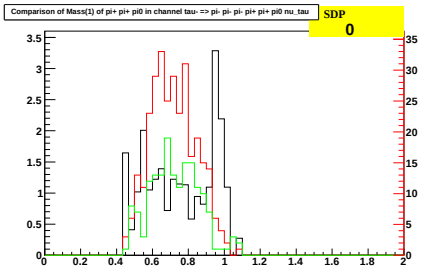

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

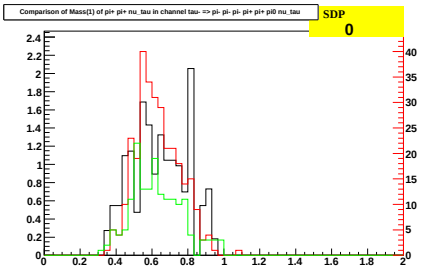

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

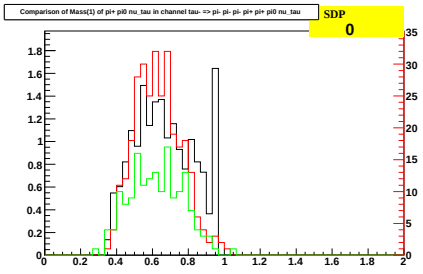

Comparison of Mass(1) of pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

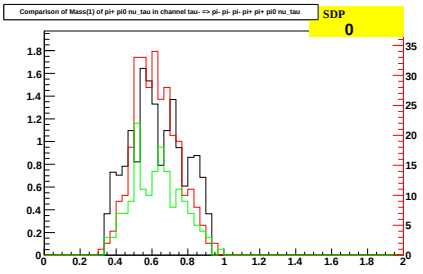

Comparison of Mass(1) of pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

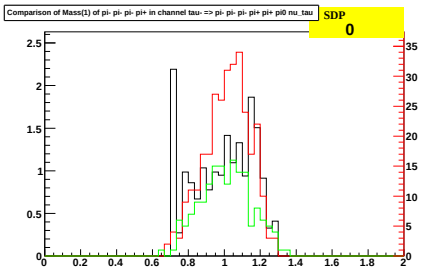

Comparison of Mass(1) of pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

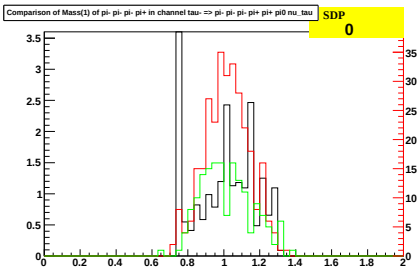

Comparison of Mass(1) of pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

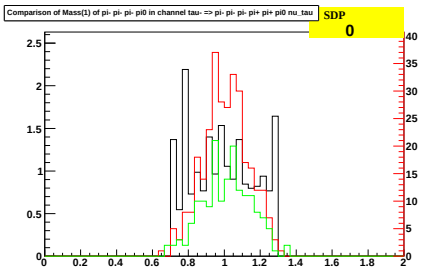

Comparison of Mass(1) of pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

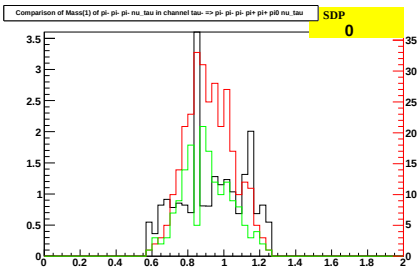

Comparison of Mass(1) of pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

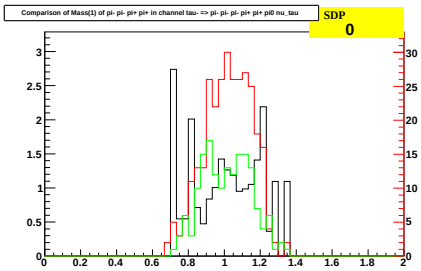

Comparison of Mass(1) of pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

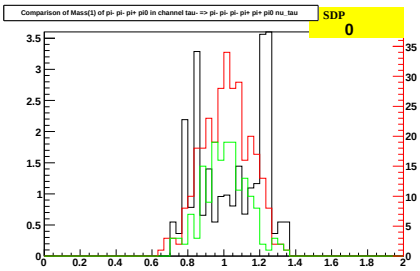

Comparison of Mass(1) of pi- pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

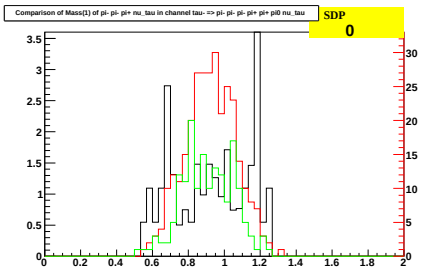

Comparison of Mass(1) of pi- pi- pi- pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

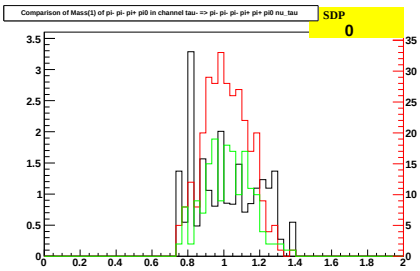

Comparison of Mass(1) of pi- pi- pi- pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

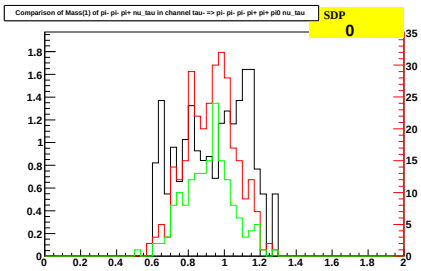

Comparison of Mass(1) of pi- pi- pi- nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

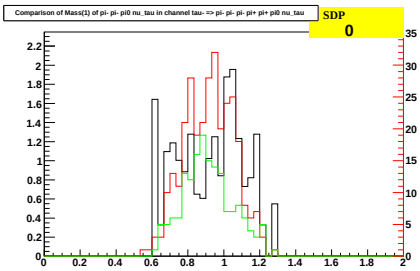

Comparison of Mass(1) of pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

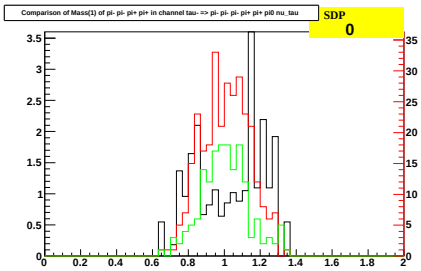

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

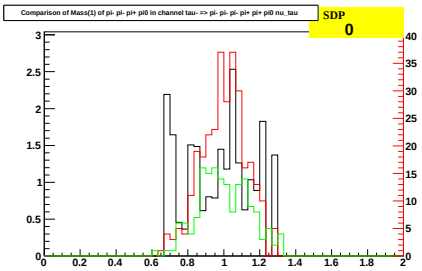

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

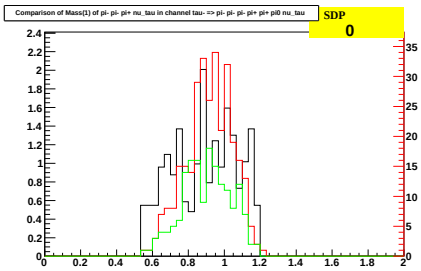

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

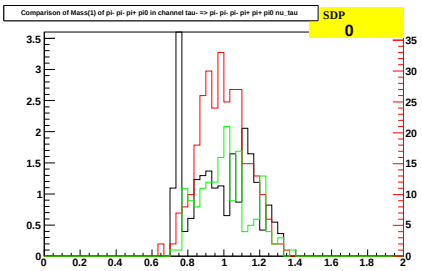

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

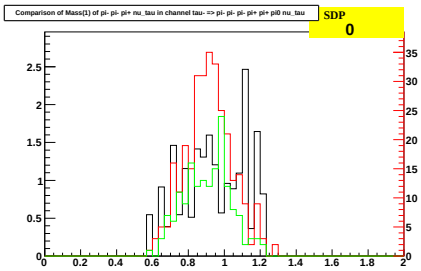

Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

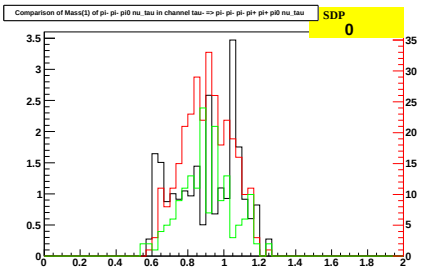

Comparison of Mass(1) of pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

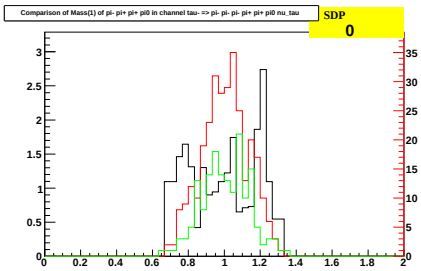

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

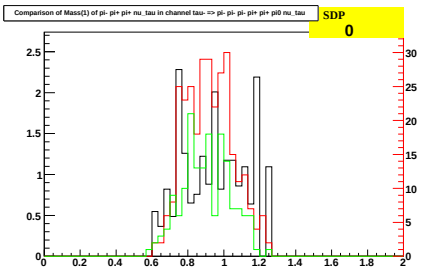

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

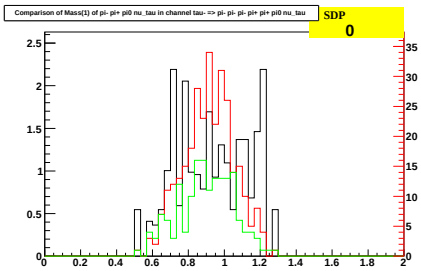

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

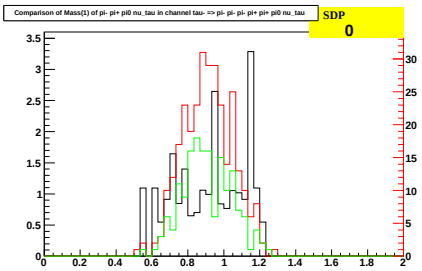

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

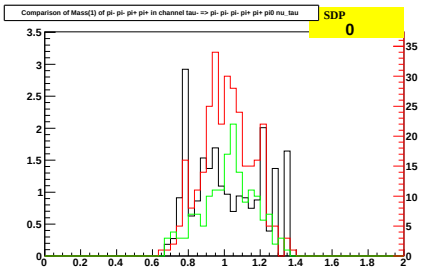

Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

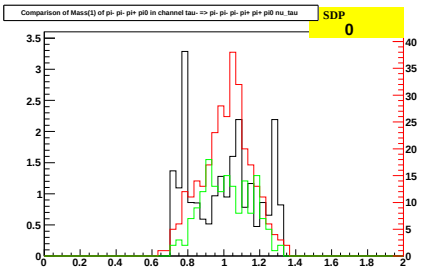

Comparison of Mass(1) of pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

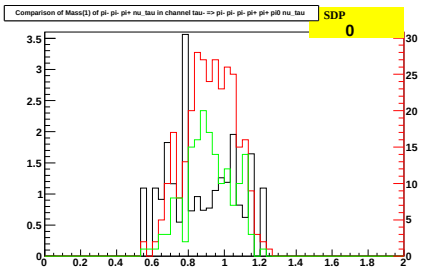

Comparison of Mass(1) of pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

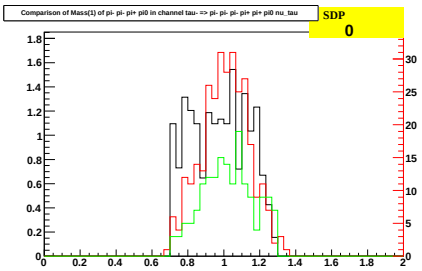

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

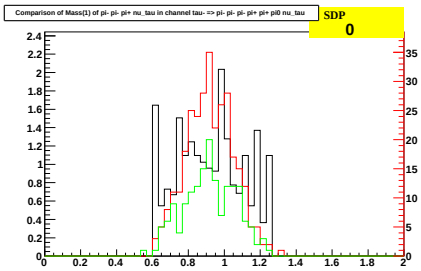

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

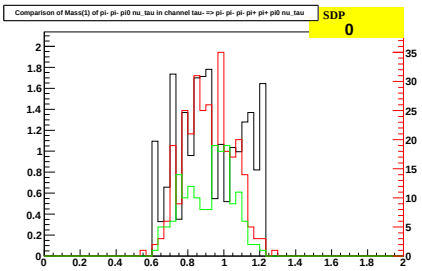

Comparison of Mass(1) of pi- pi- pi+ pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

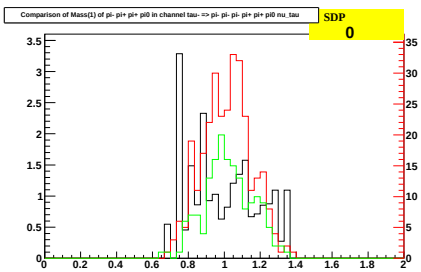

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

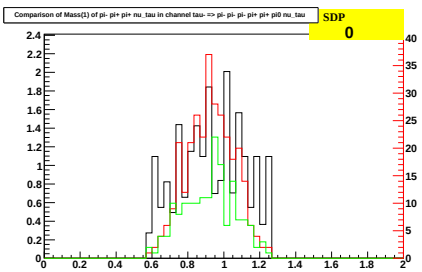

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

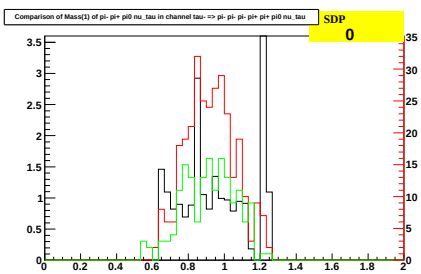

Comparison of Mass(1) of pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

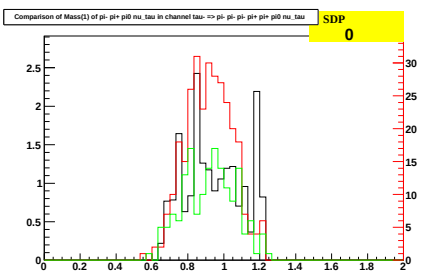

Comparison of Mass(1) of pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

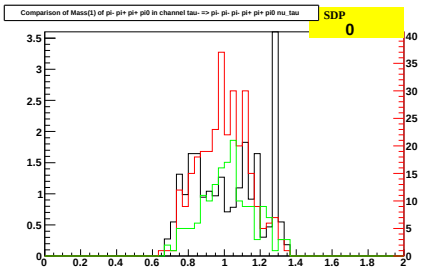

Comparison of Mass(1) of pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

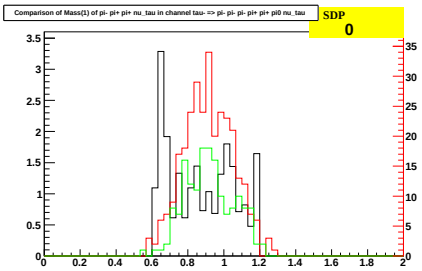

Comparison of Mass(1) of pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

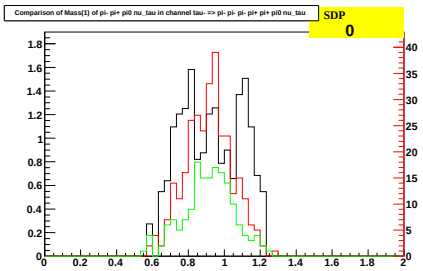

Comparison of Mass(1) of pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

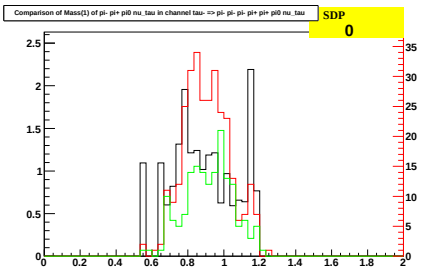

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

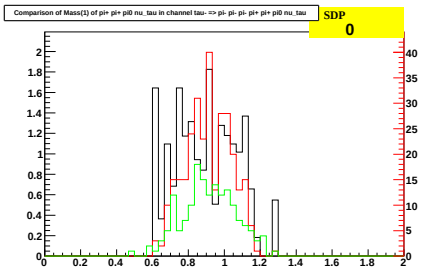

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

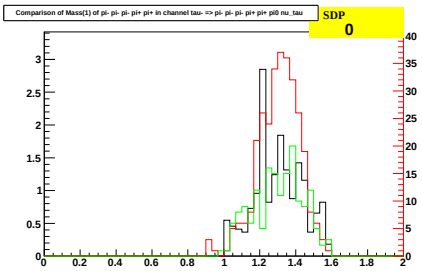

Comparison of Mass(1) of pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

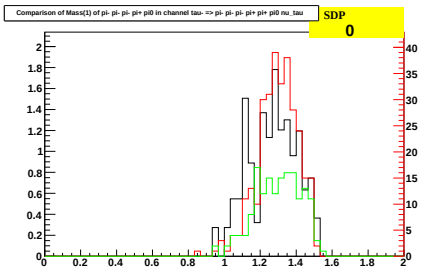

Comparison of Mass(1) of pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

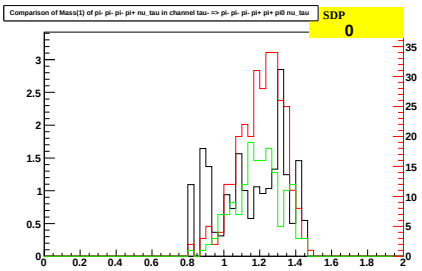

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

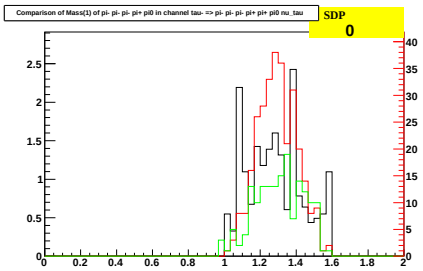

Comparison of Mass(1) of pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

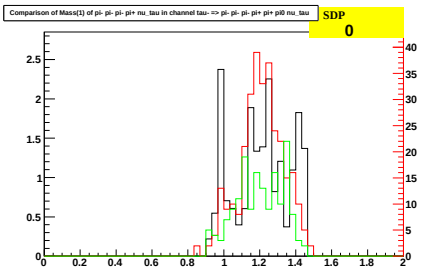

Comparison of Mass(1) of pi+ pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

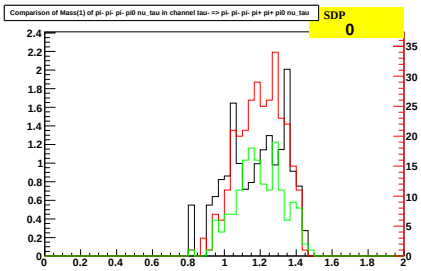

Comparison of Mass(1) of pi- pi- pi- pi+ pi+ in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

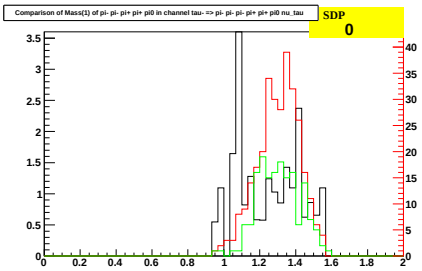

Comparison of Mass(1) of pi- pi- pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

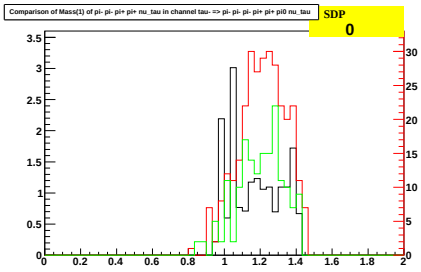

Comparison of Mass(1) of pi- pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

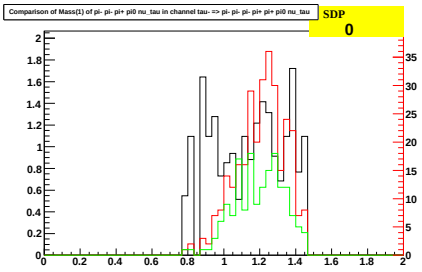

Comparison of Mass(1) of pi- pi- pi- pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

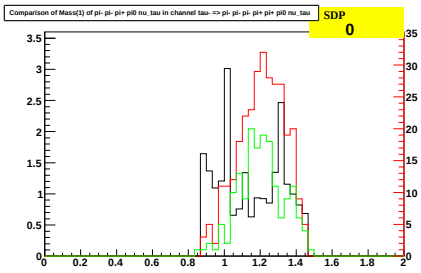

Comparison of Mass(1) of pi- pi- pi- pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

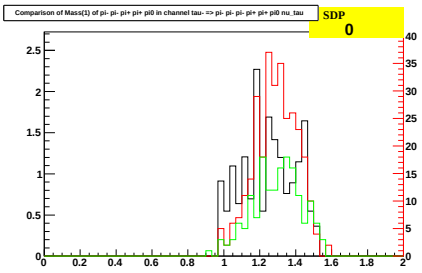

Comparison of Mass(1) of pi- pi- pi- pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

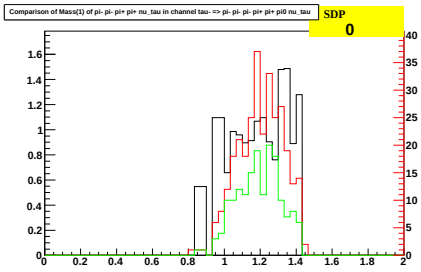

Comparison of Mass(1) of pi- pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

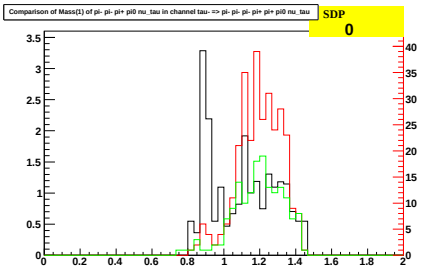

Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

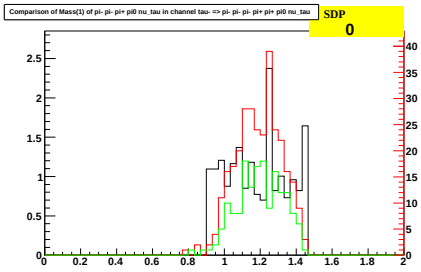

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

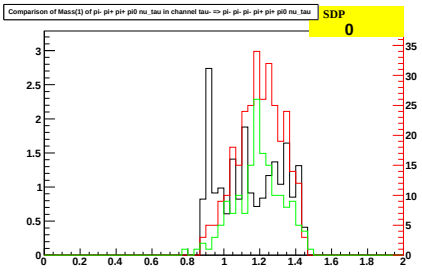

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

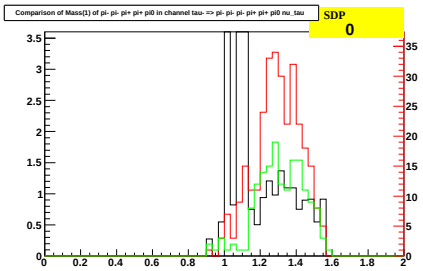

Comparison of Mass(1) of pi- pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

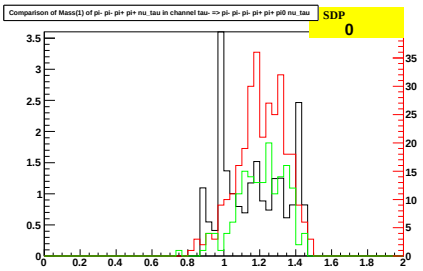

Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

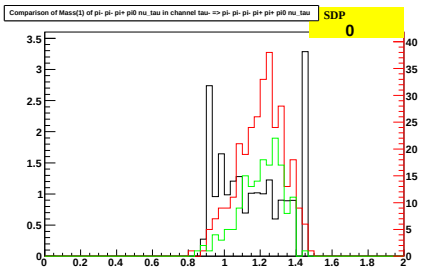

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

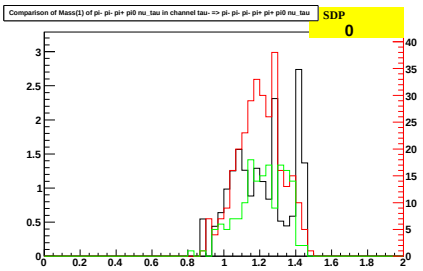

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

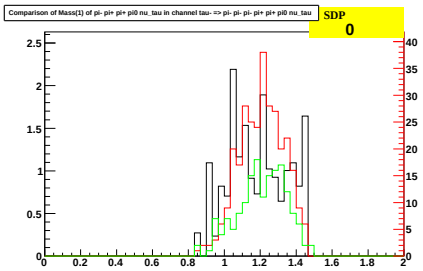

Comparison of Mass(1) of pi- pi- pi+ pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

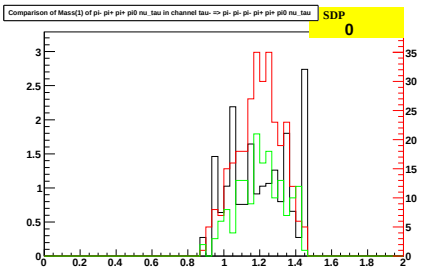

Comparison of Mass(1) of pi- pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

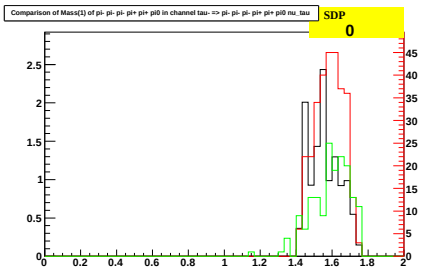

Comparison of Mass(1) of pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

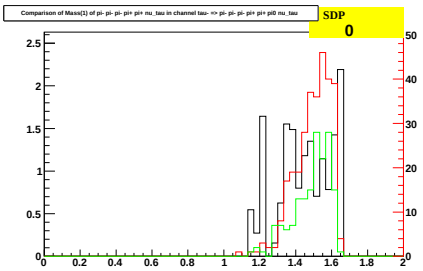

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

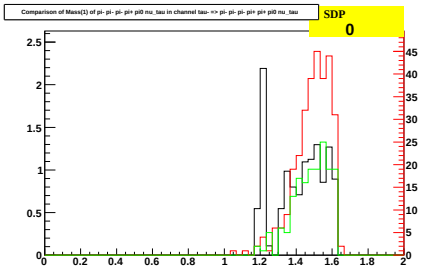

Comparison of Mass(1) of pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

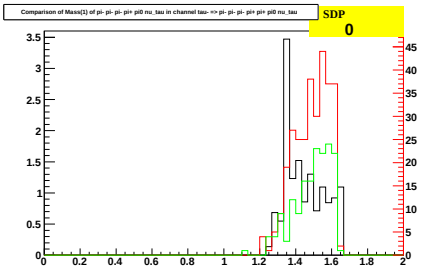

Comparison of Mass(1) of pi- pi+ pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0

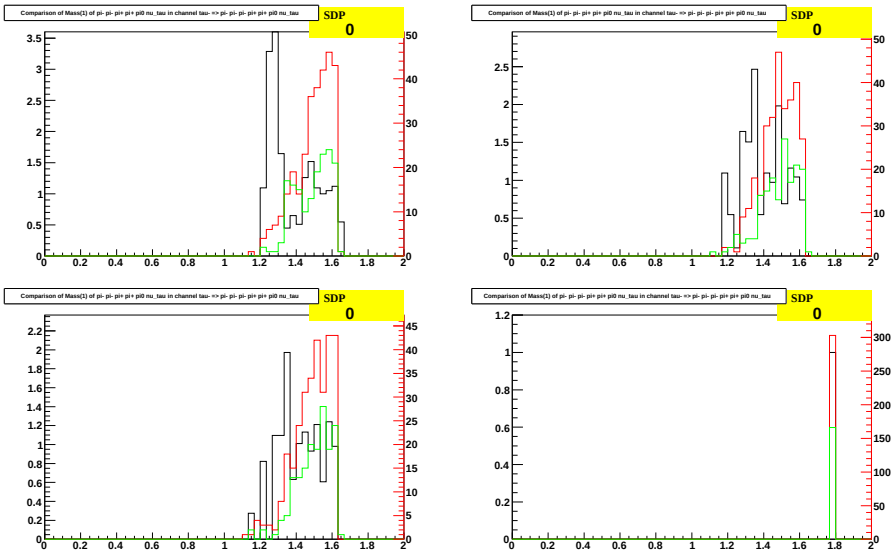

Comparison of Mass(1) of pi- pi+ pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi- pi+ pi+ pi0 in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi- pi+ pi+ nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0


Comparison of Mass(1) of pi- pi- pi- pi+ pi0 nu_tau in channel tau- => pi- pi- pi- pi+ pi+ pi0 nu_tau
SDP
0



19 User Histograms