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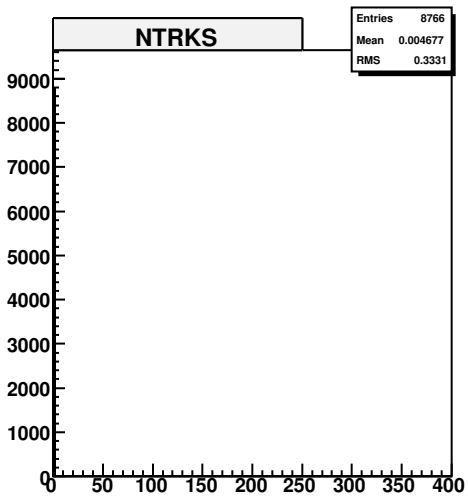
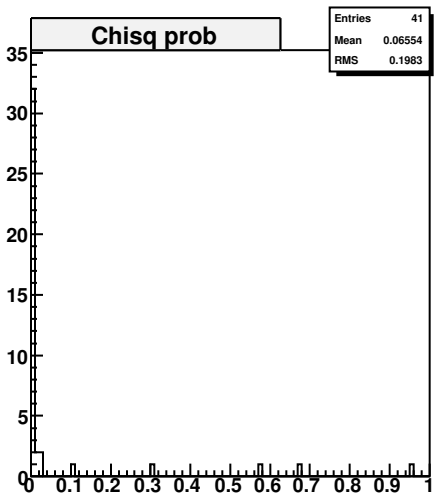
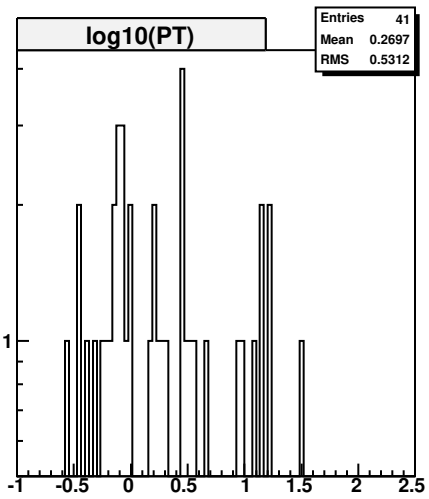
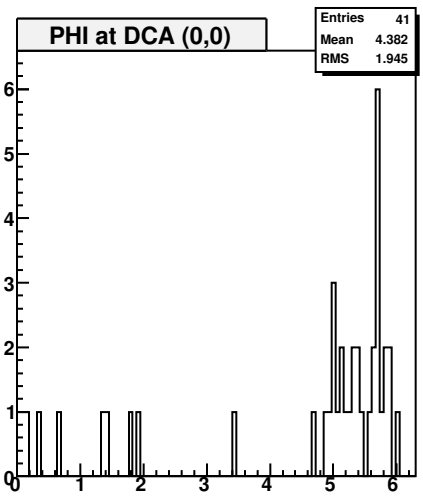
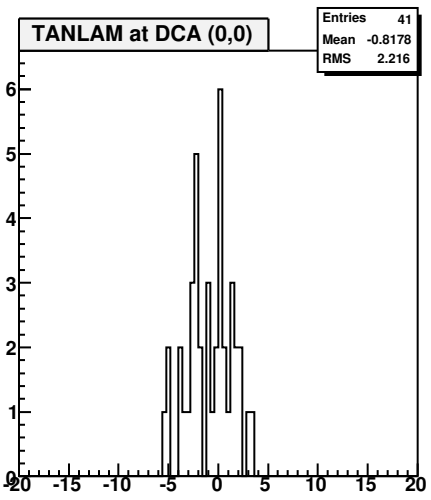
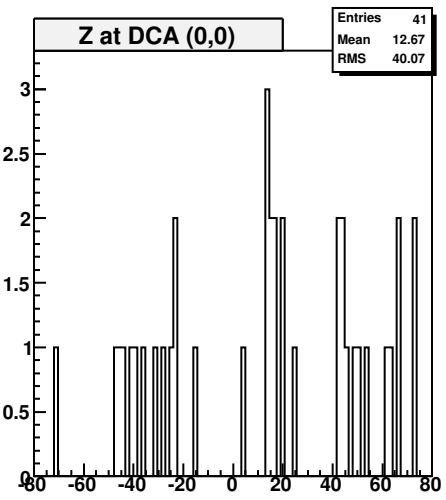

NTRKS
Entries 8766
Mean 0.004677
RMS 0.3331

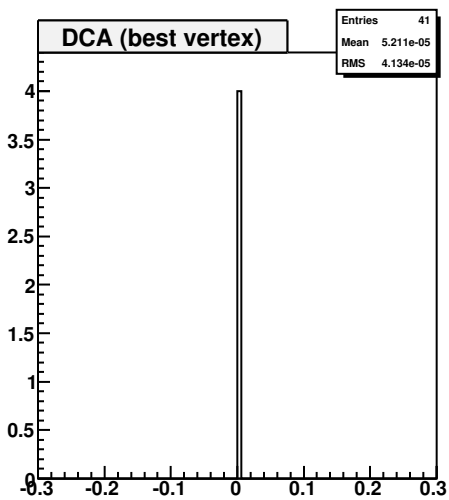

Chisq prob
Entries 41
Mean 0.06554
RMS 0.1983

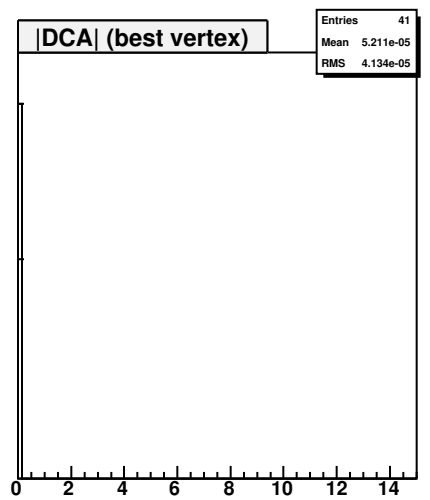

log10(PT)
Entries 41
Mean 0.2697
RMS 0.5312

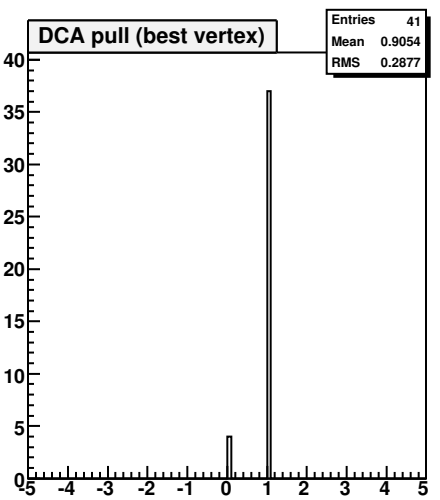

PHI at DCA (0,0)
Entries 41
Mean 4.382
RMS 1.945


TANLAM at DCA (0,0)
Entries 41
Mean -0.8178
RMS 2.216

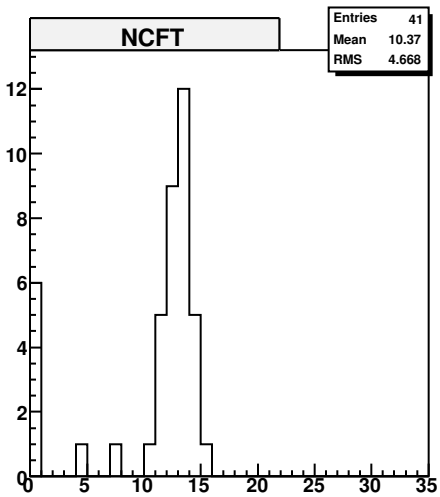

Z at DCA (0,0)
Entries 41
Mean 12.67
RMS 40.07

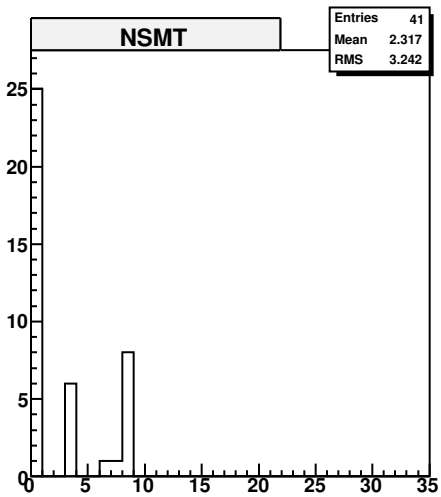

DCA (best vertex)
Entries 41
Mean 5.211e-05
RMS 4.134e-05

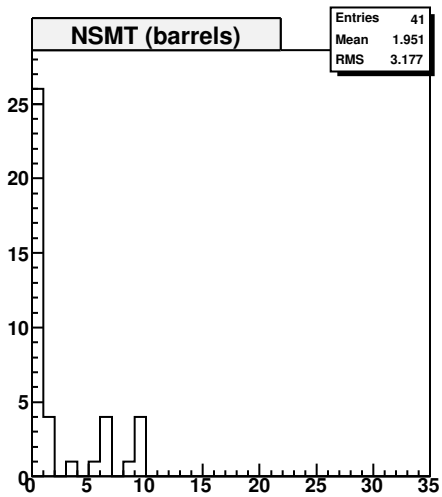

|DCA| (best vertex)
Entries 41
Mean 5.211e-05
RMS 4.134e-05

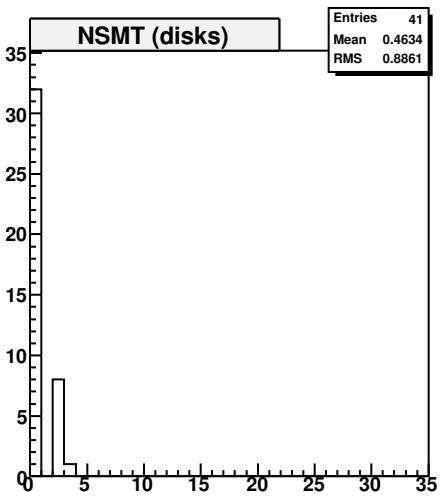

DCA pull (best vertex)
Entries 41
Mean 0.9054
RMS 0.2877

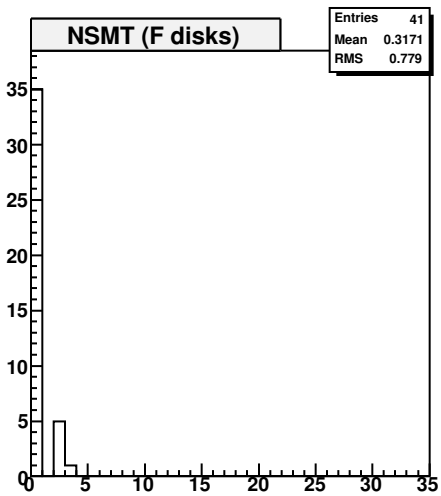
Tracks (All)

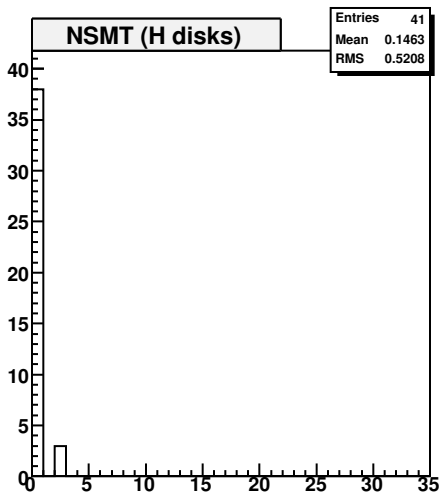


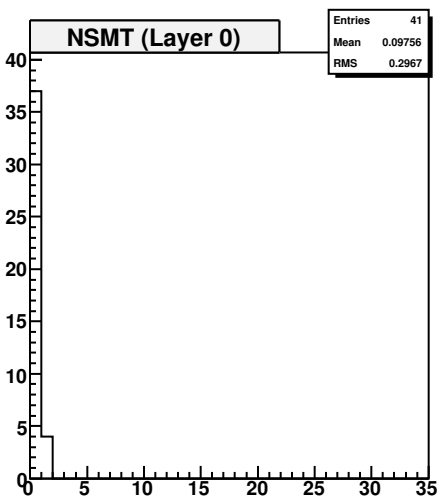




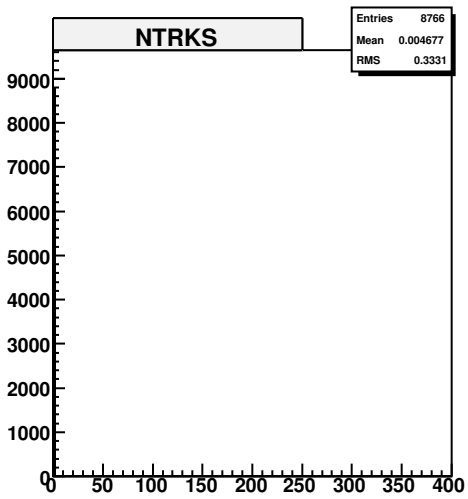


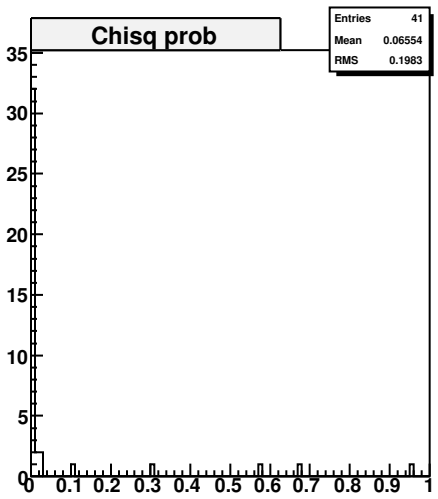


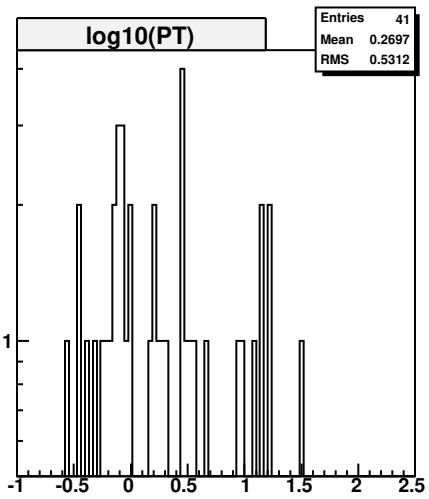


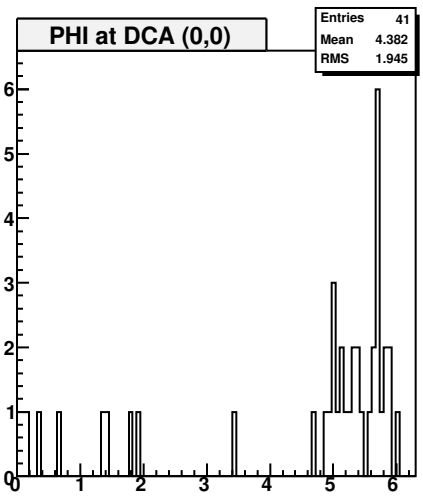


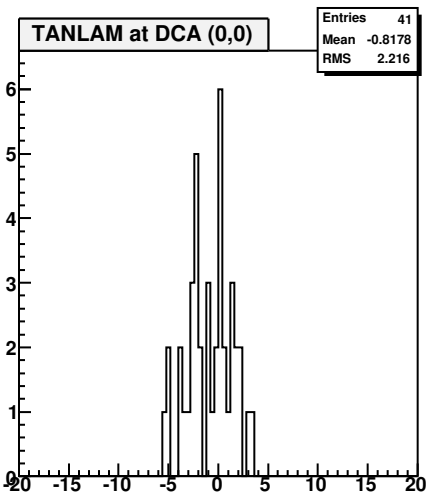
Track Hits (All)

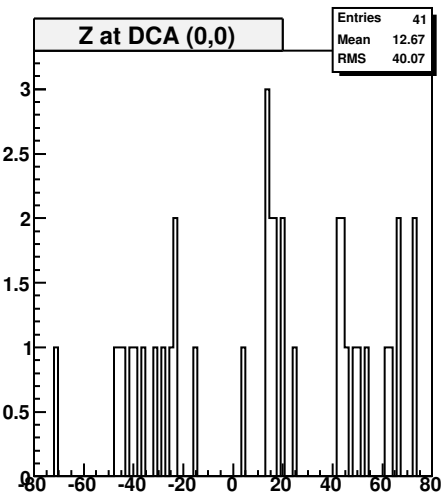


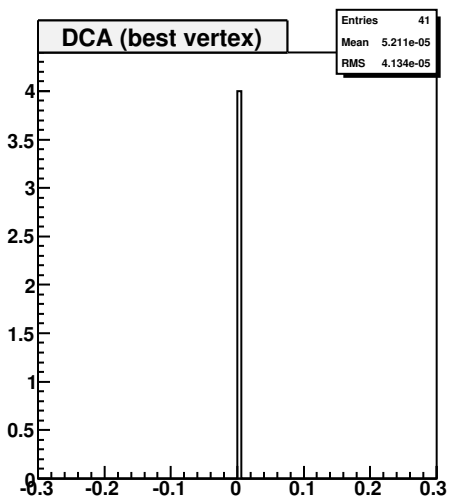


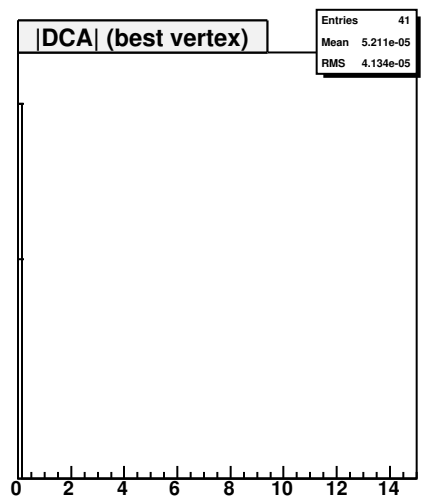


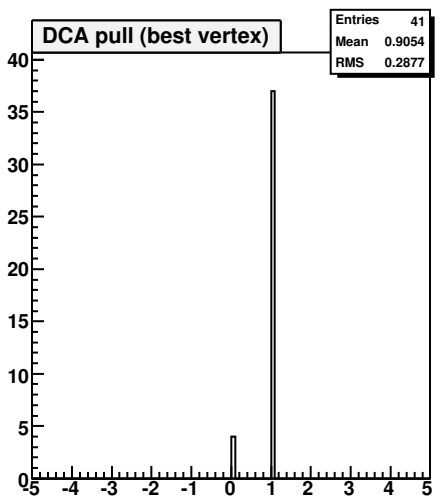




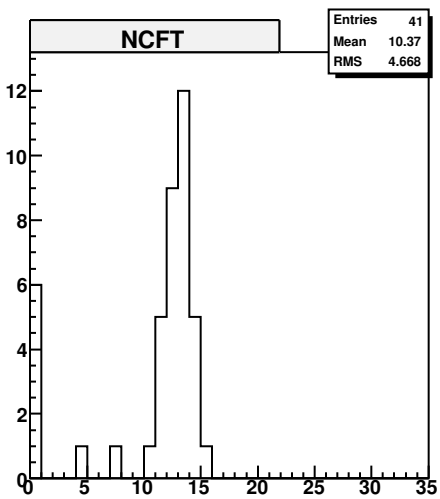


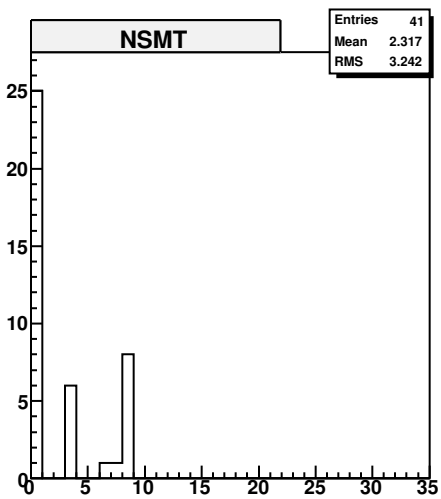


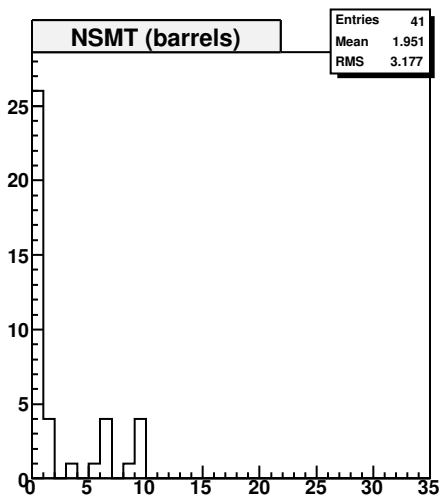


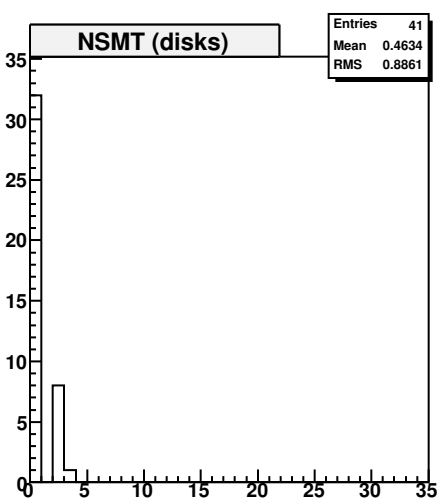


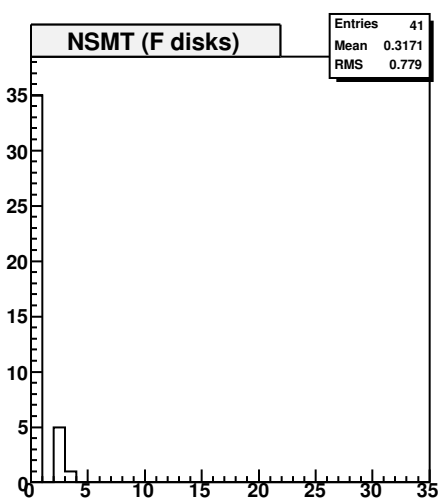
Tracks (Tight)

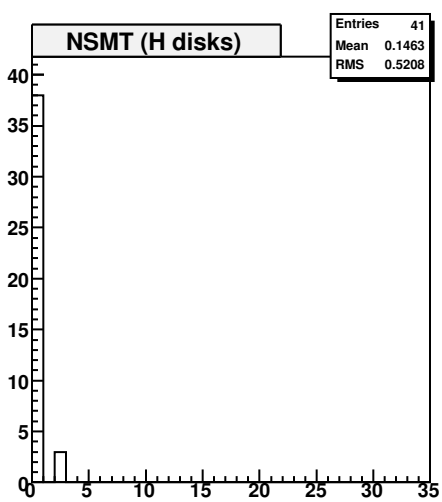


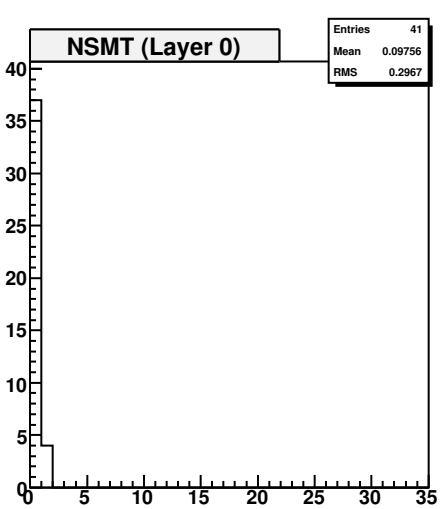




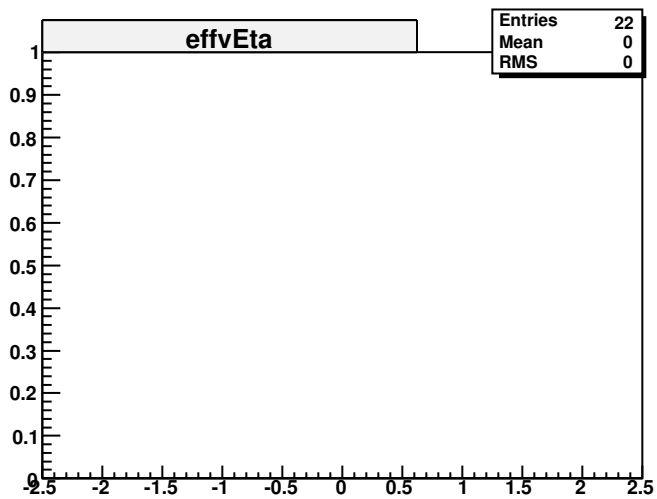


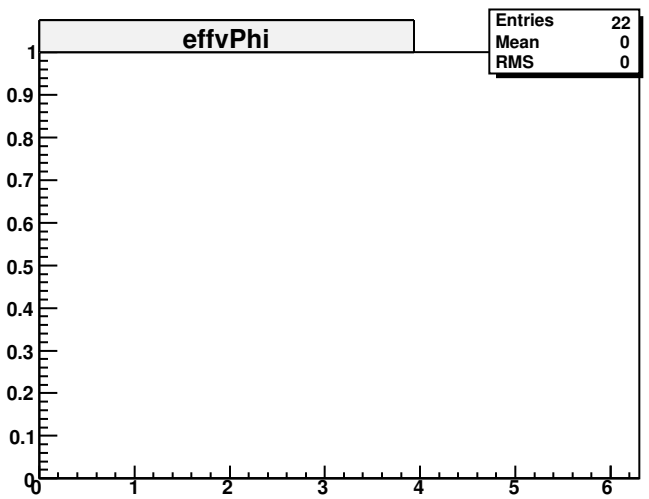


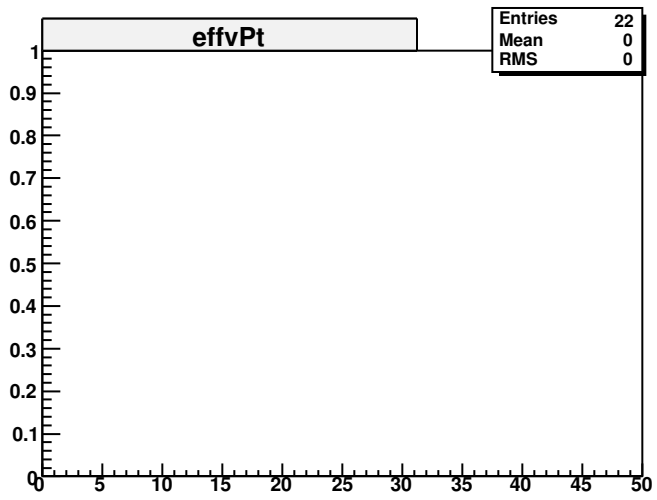


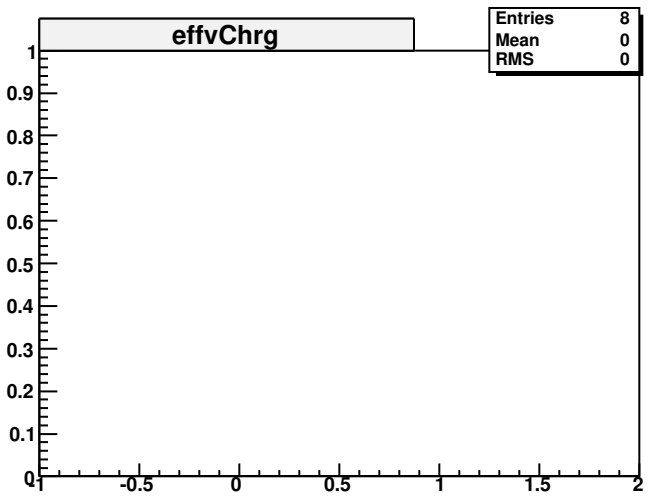


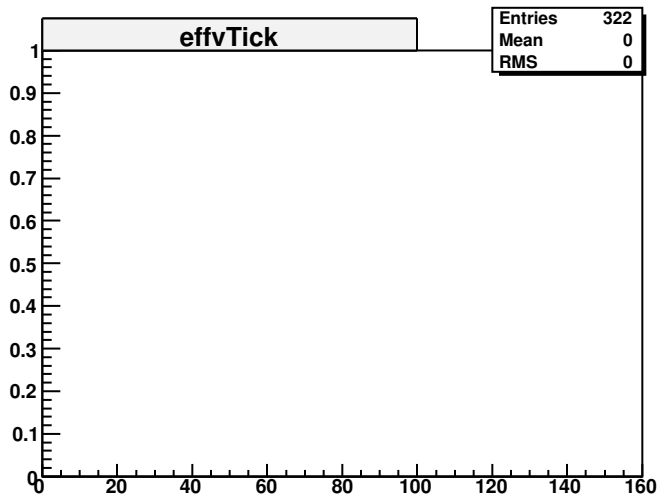
Track Hits (Tight)

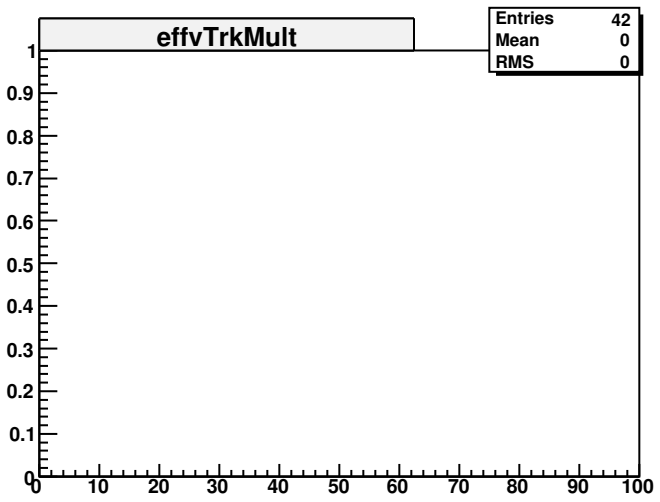




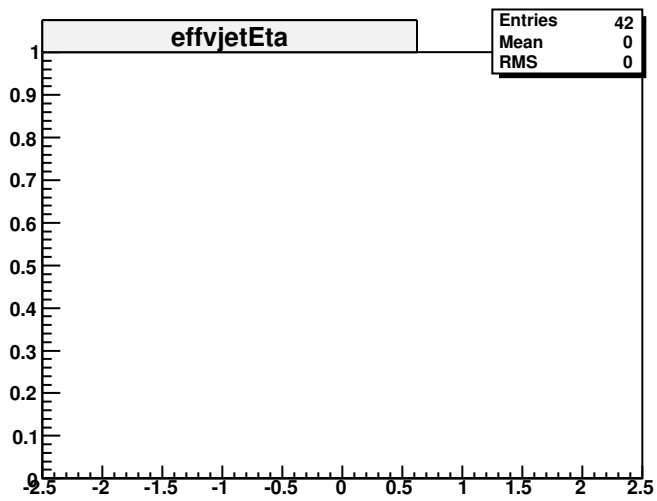


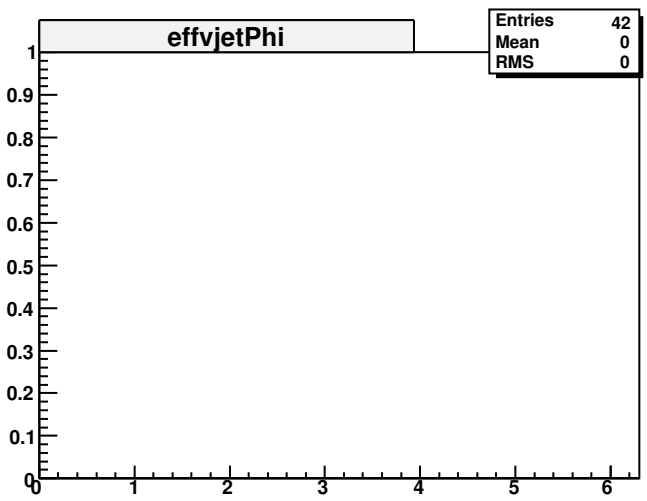


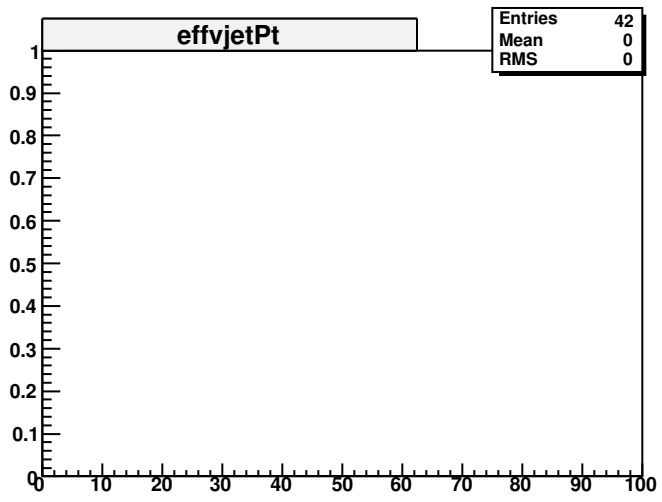


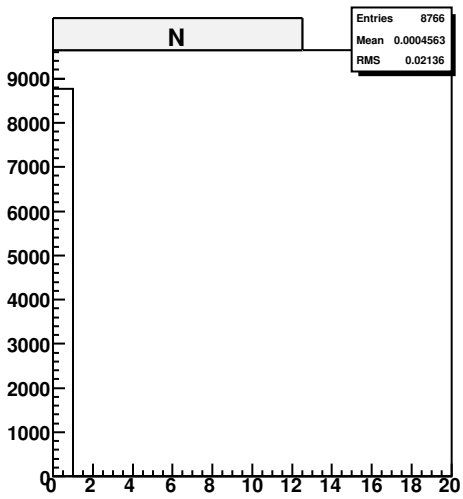


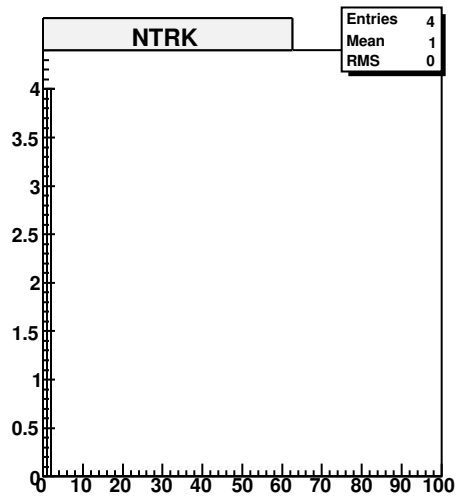
Tracking (Efficiency-Isolated)

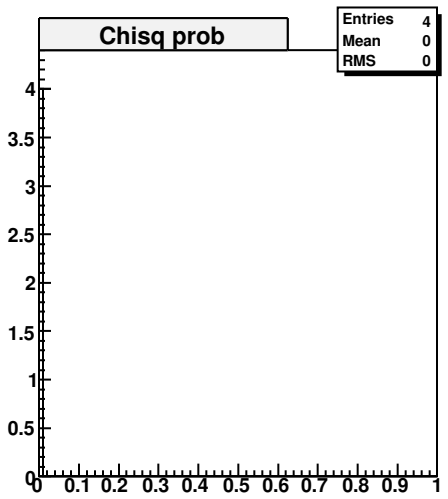

effvjetEta
Entries 42
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-2.5 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2 2.5

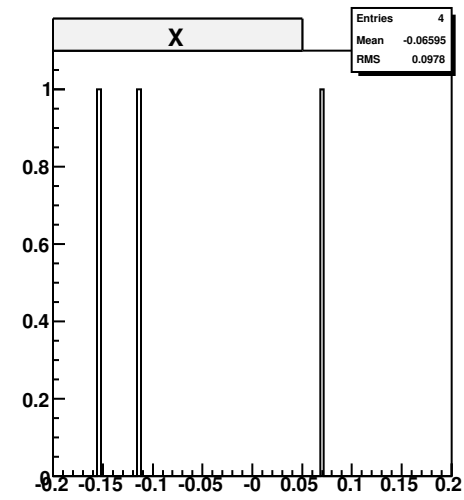

effvjetPhi
Entries 42
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 1 2 3 4 5 6

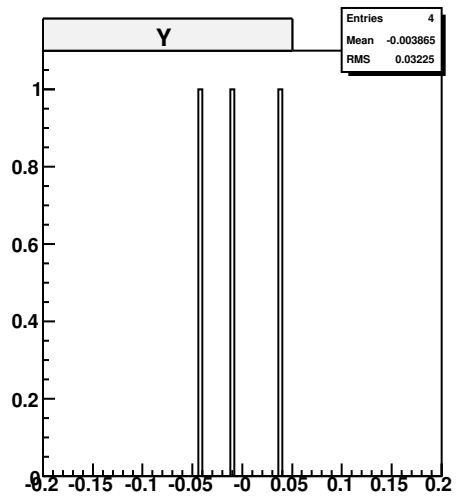

effvjetPt
Entries 42
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0 10 20 30 40 50 60 70 80 90 100

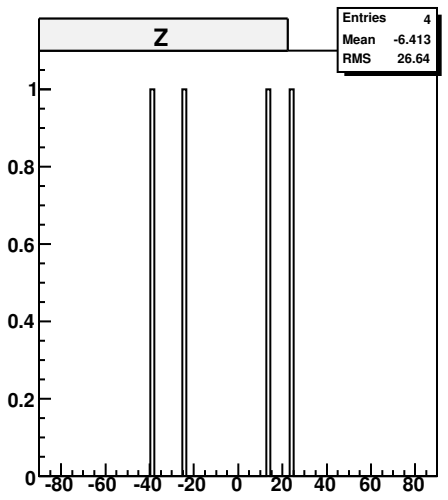


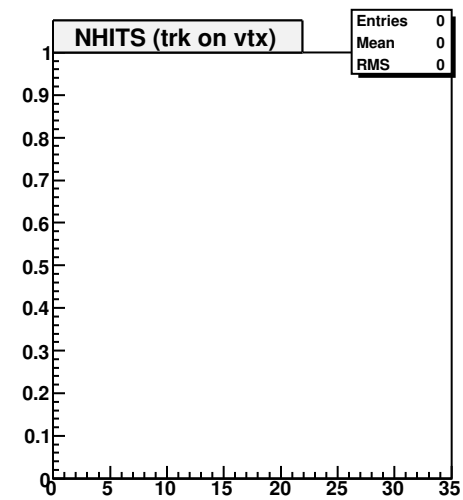


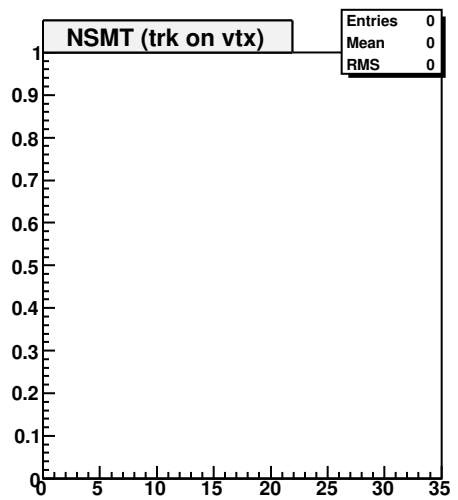


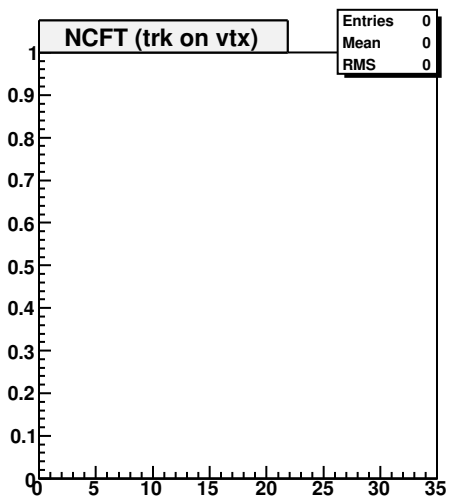




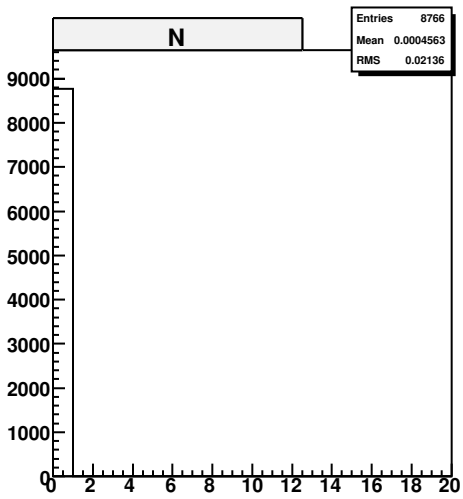


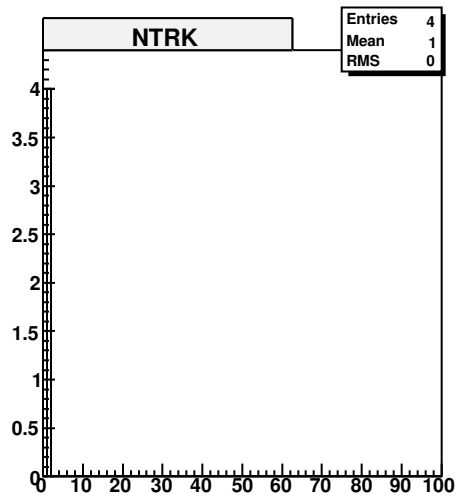


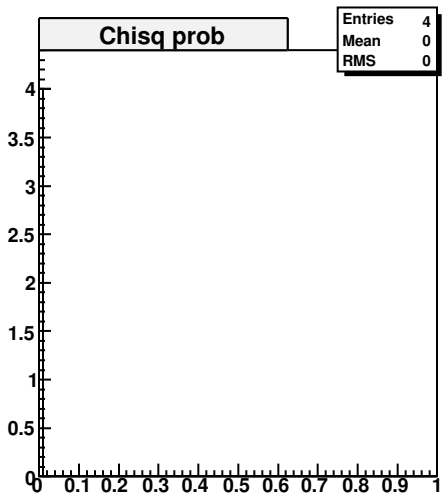


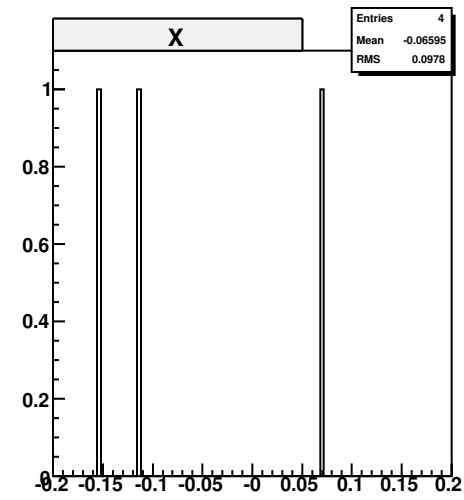


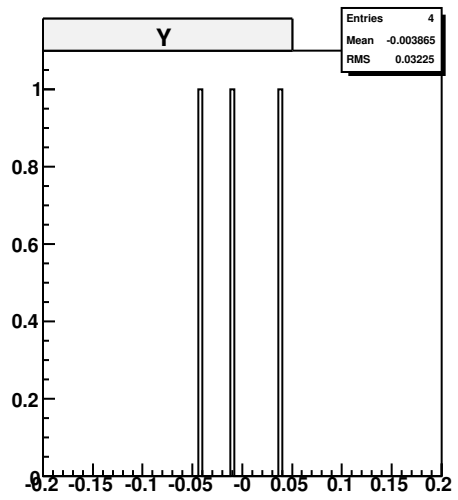
Vertices (Primary - all candidates)

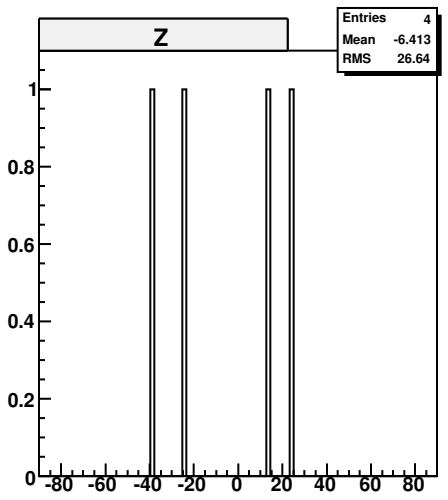


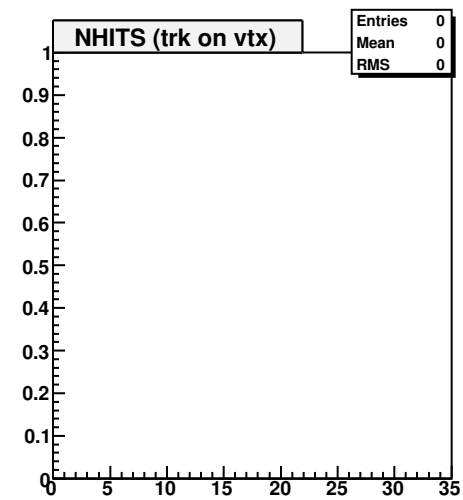


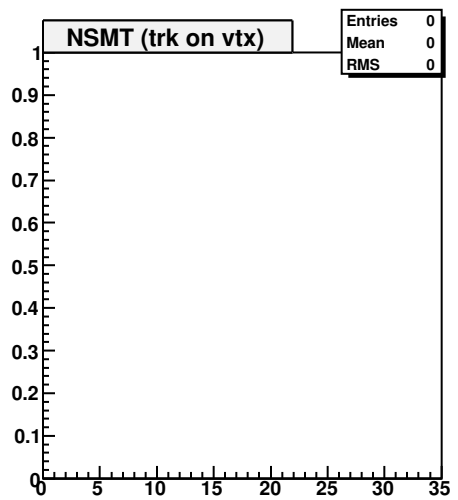


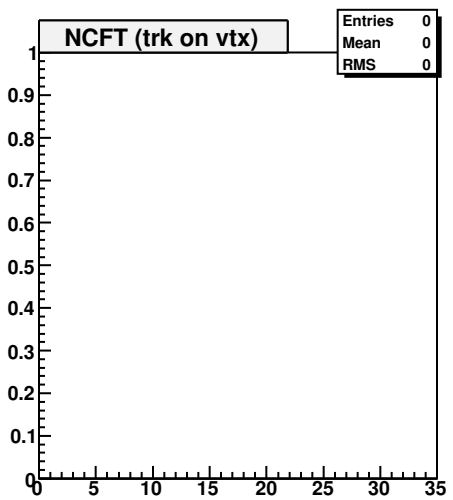




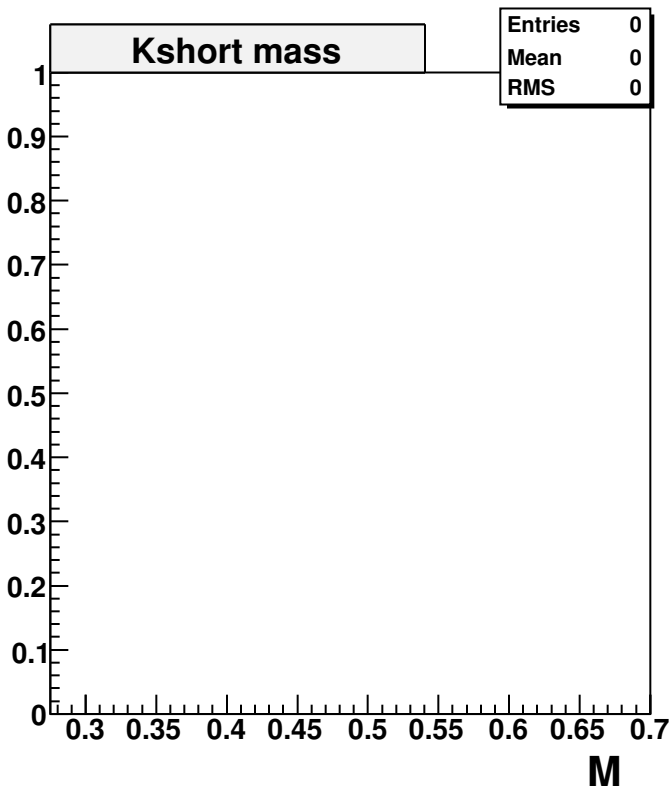








Vertices (Primary - best)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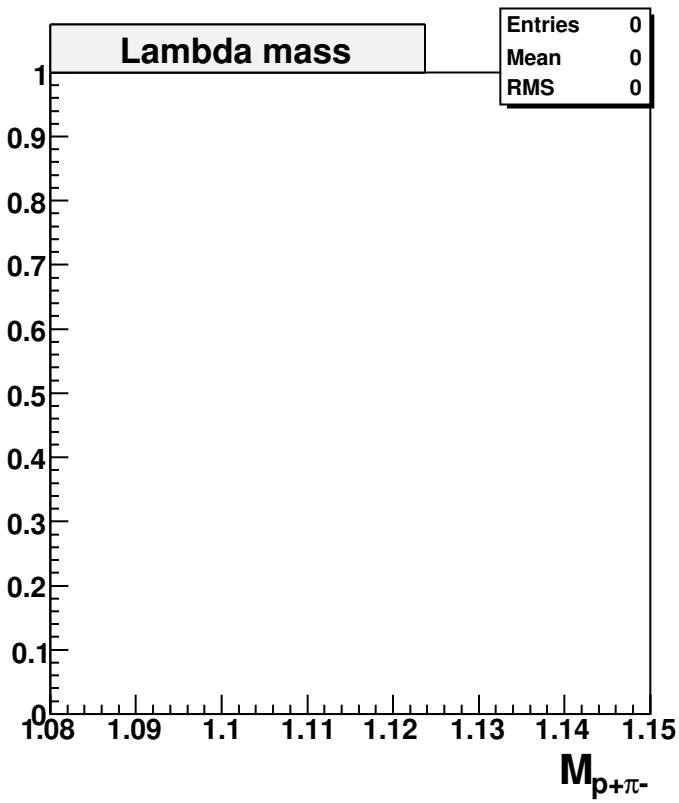
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7
M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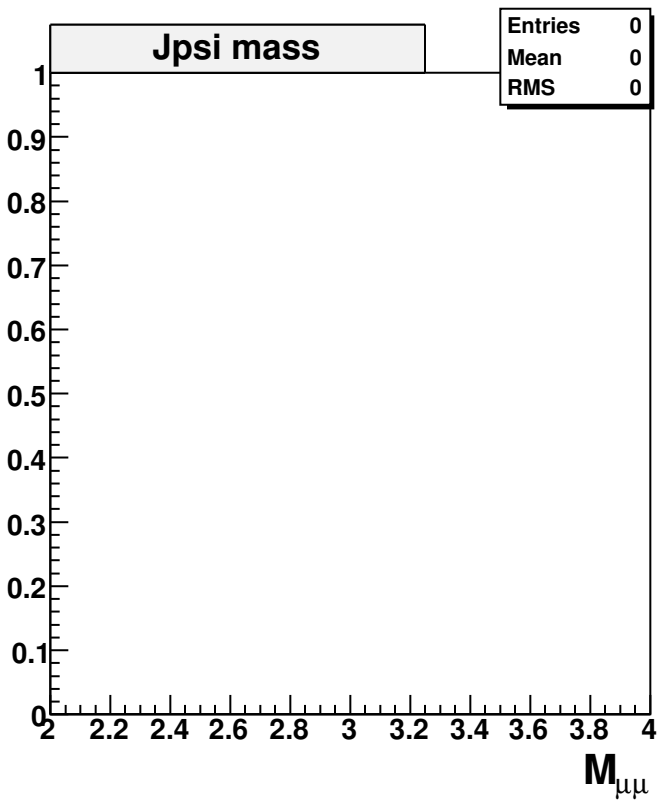
0
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
Mp+π-


Jpsi mass
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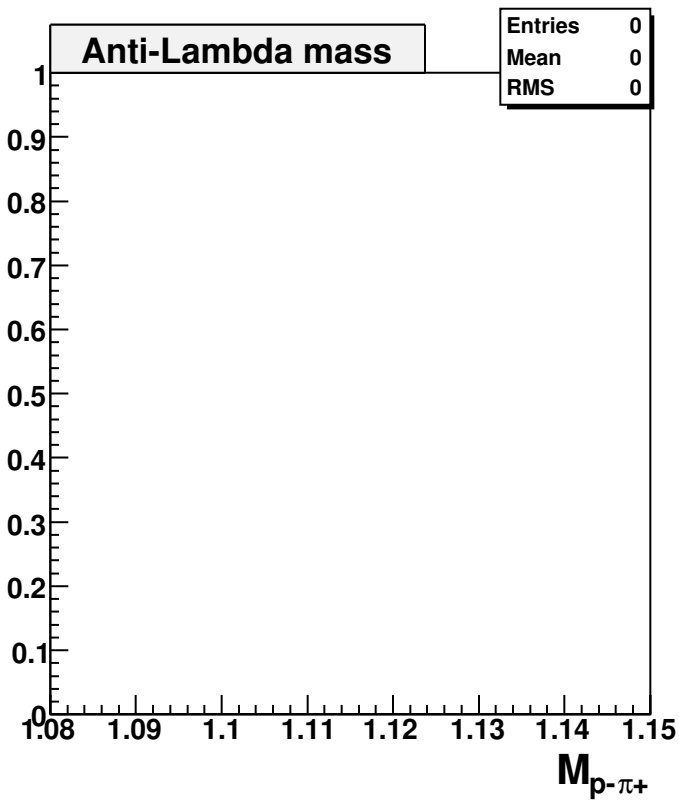
0
2 2.2 2.4 2.6 2.8 3 3.2 3.4 3.6 3.8 4
Mμμ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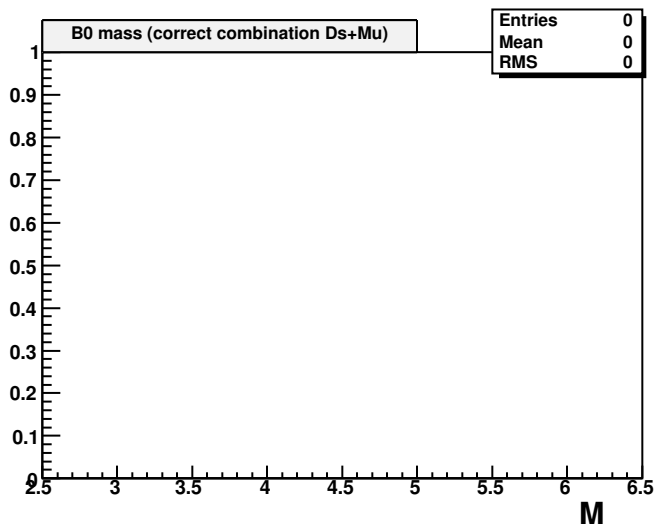
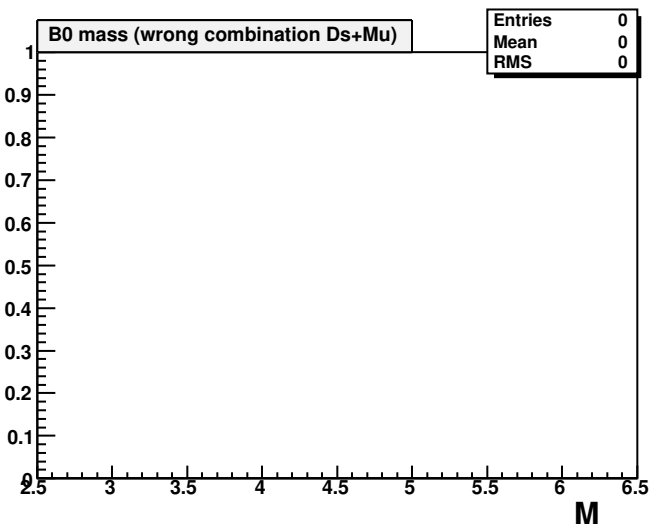
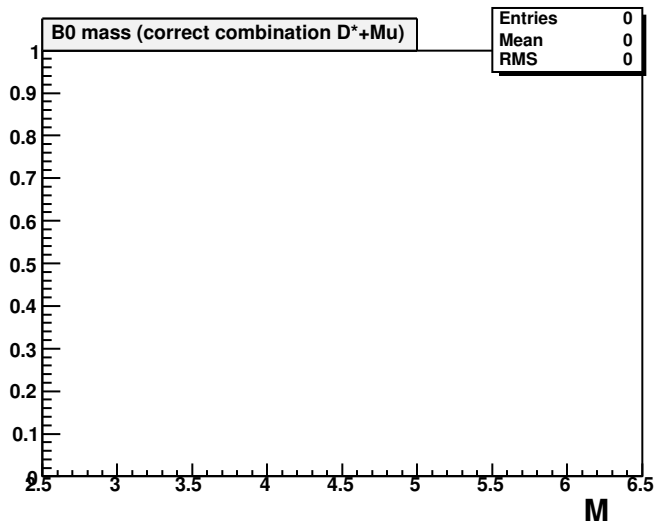
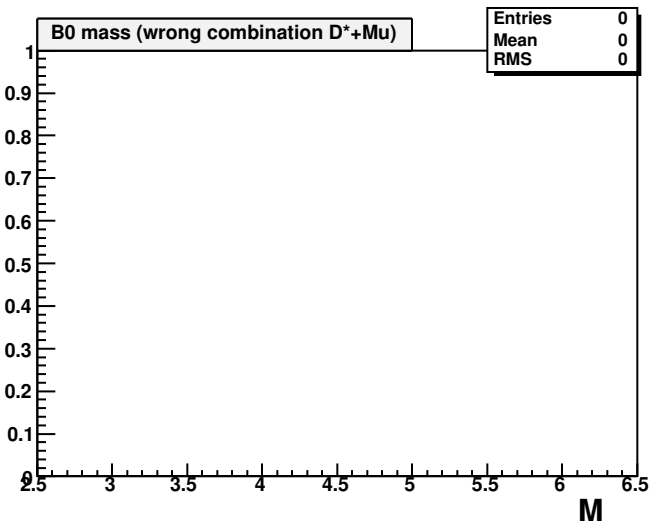
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
Mp-π+

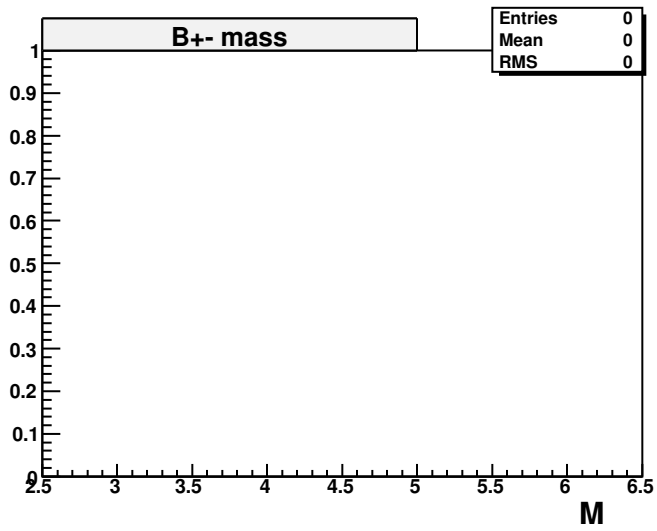
V0 (All)



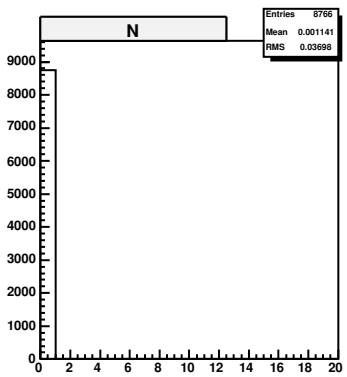


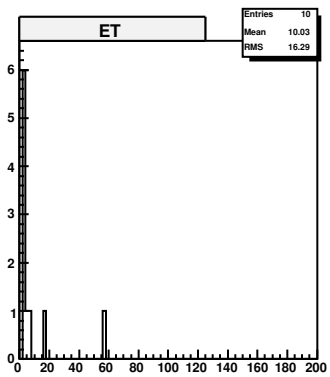


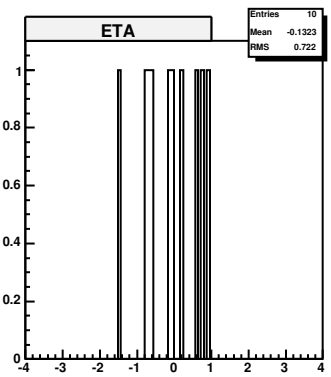


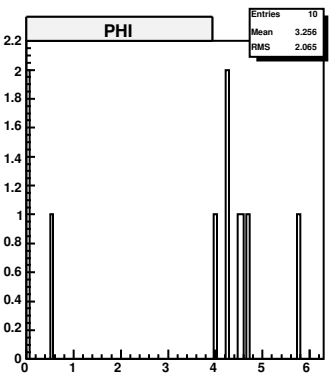


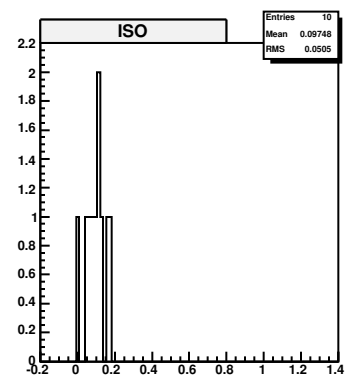
V0(B mesons) (All)

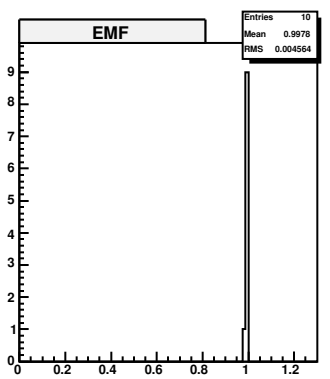


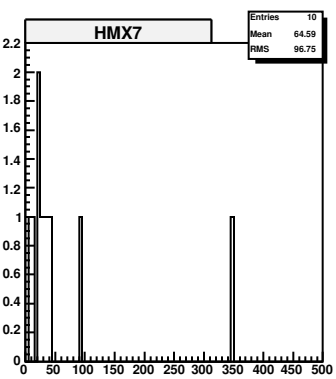


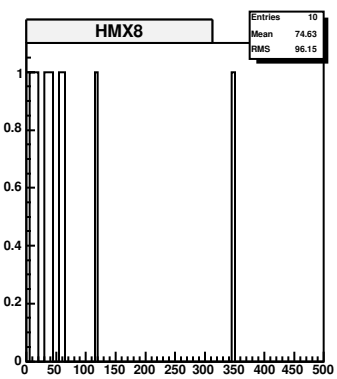


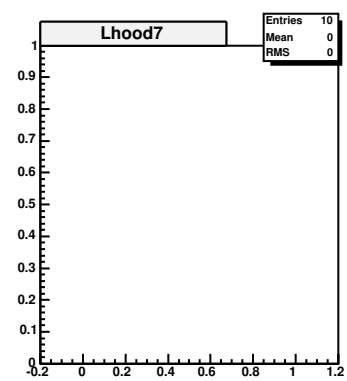


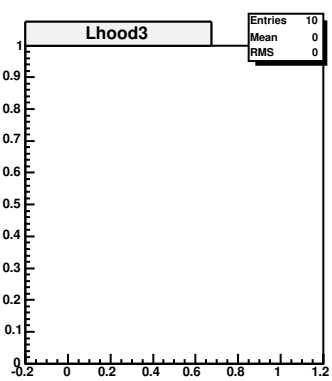


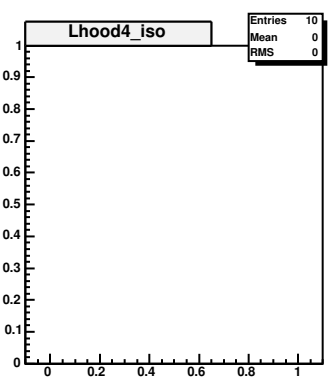


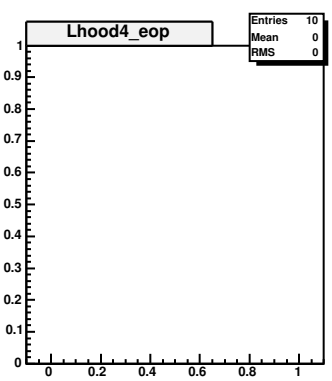


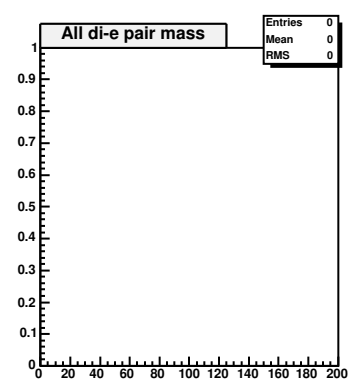


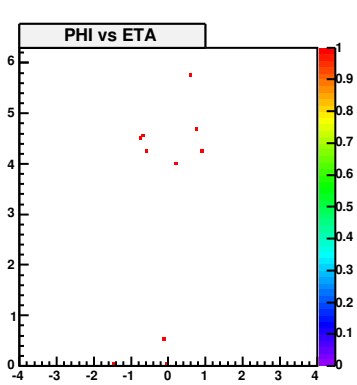


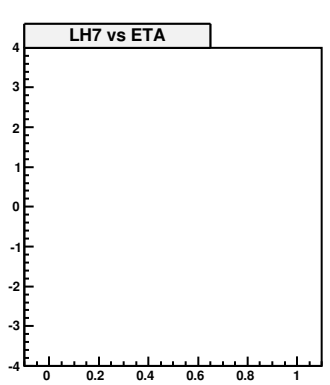


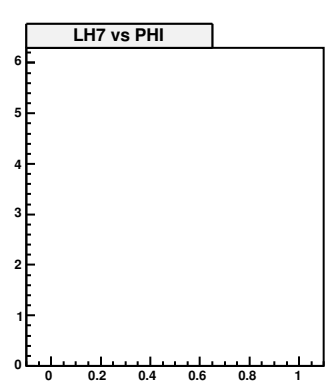




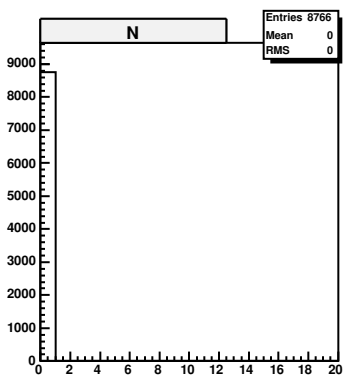


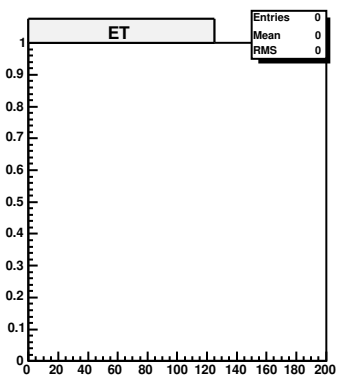


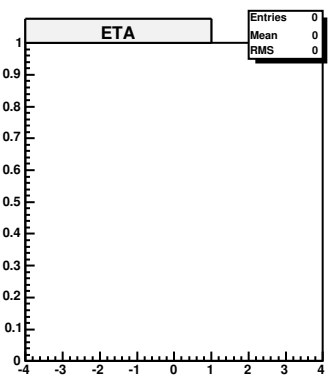


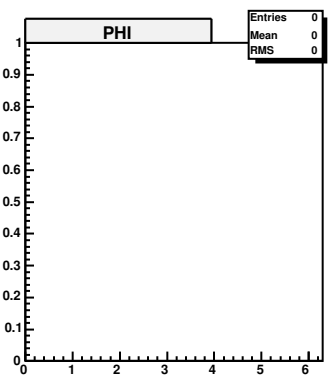


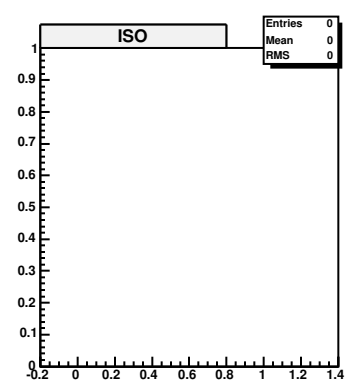
Electrons (SCONE All)

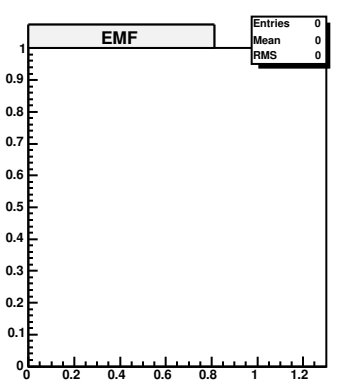


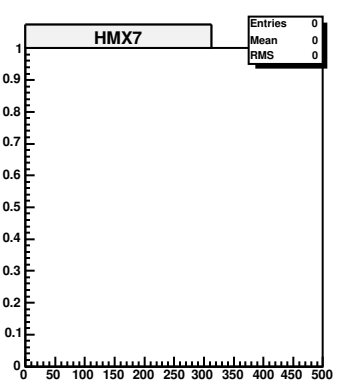


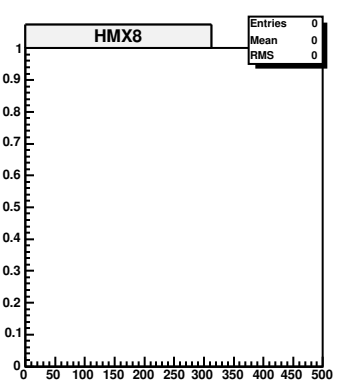


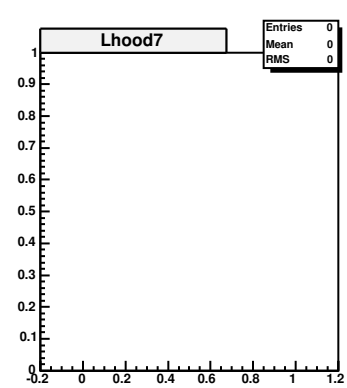


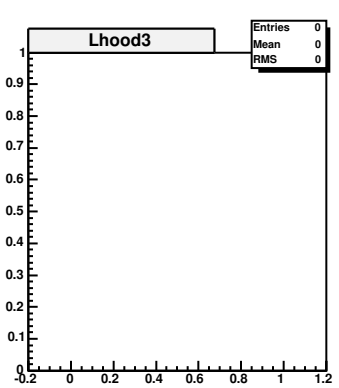


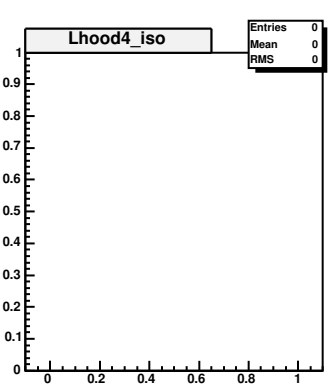


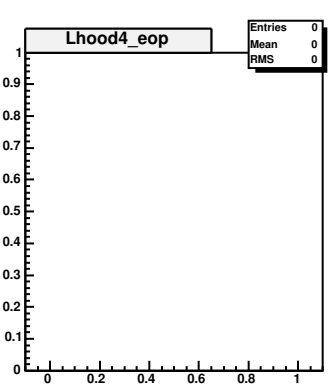


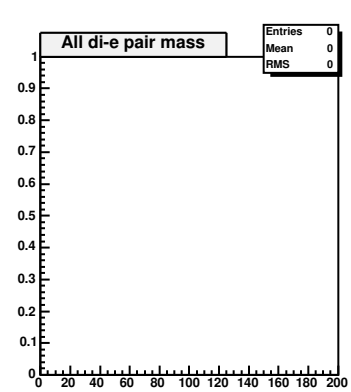


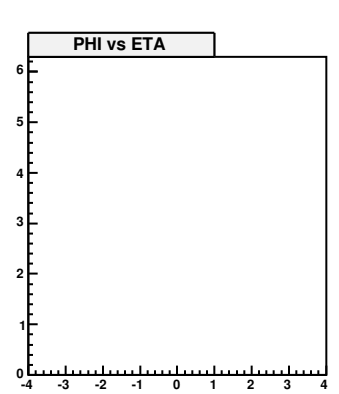


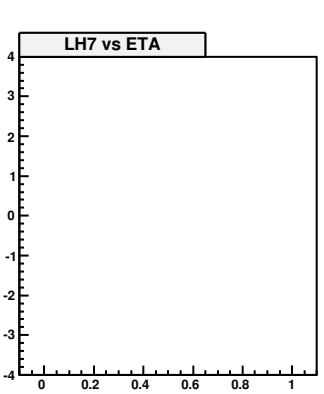


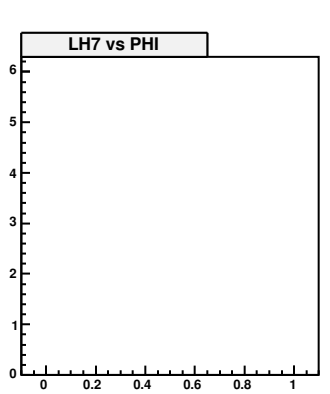




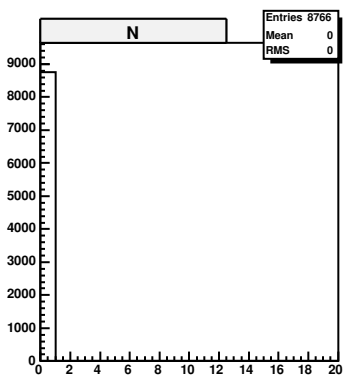


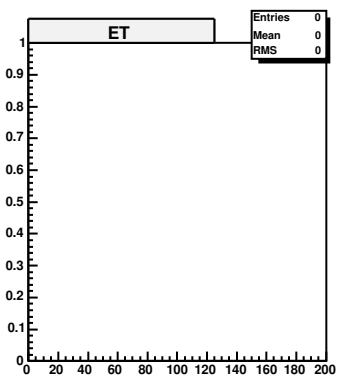


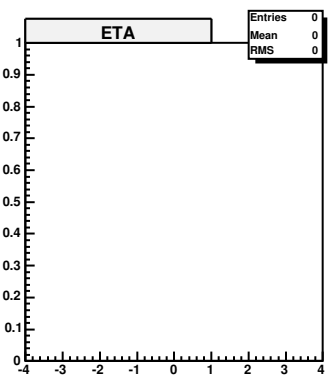


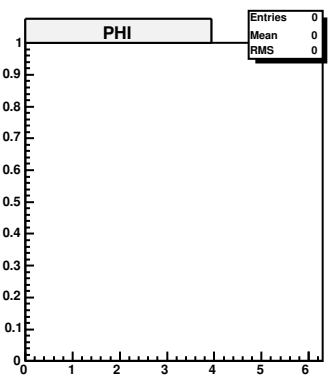


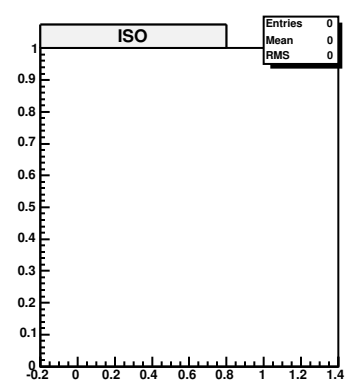
Electrons (SCONE Loose)

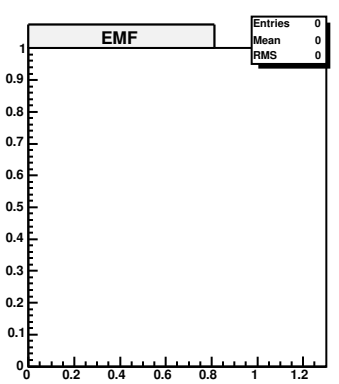


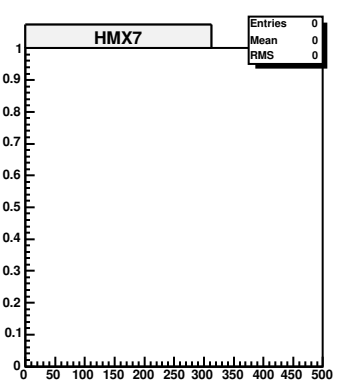


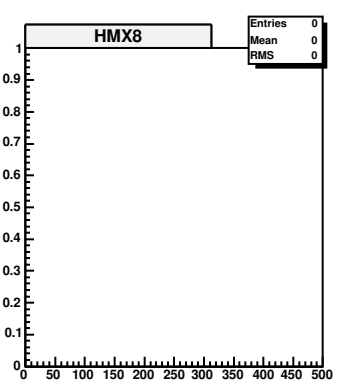


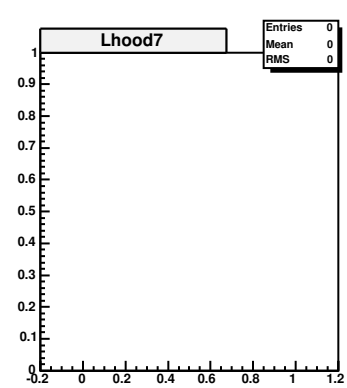


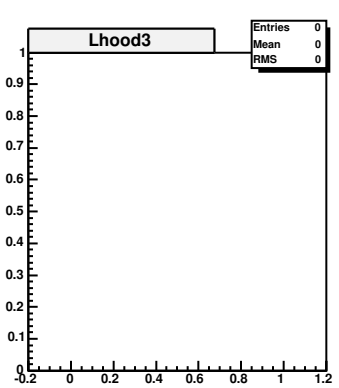


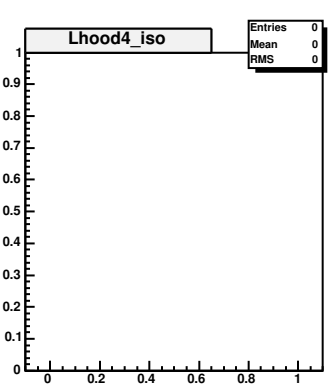


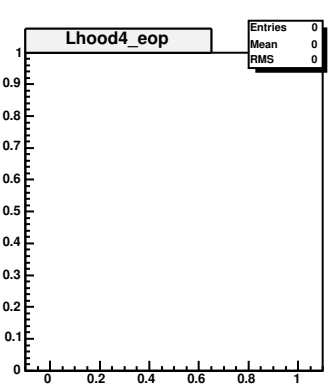


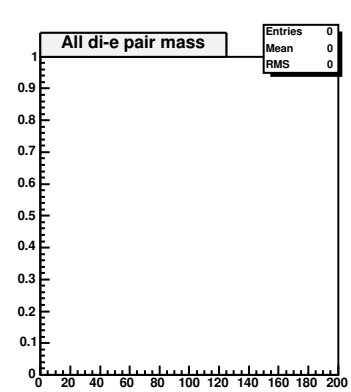


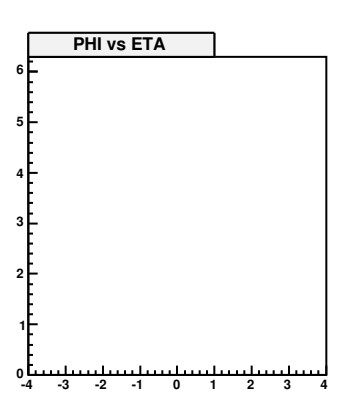


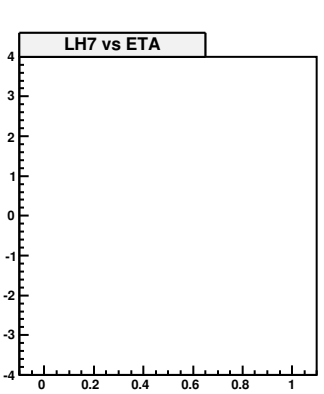


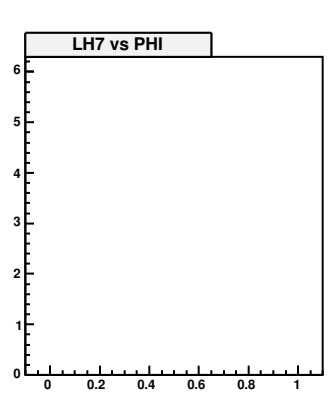




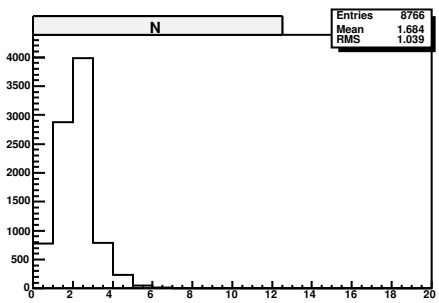


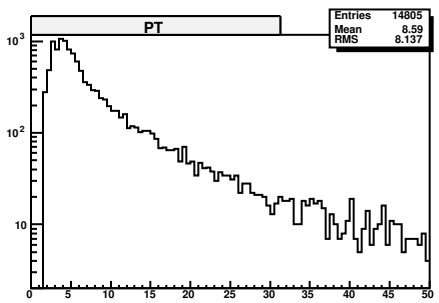


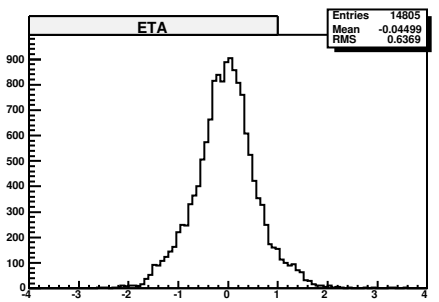


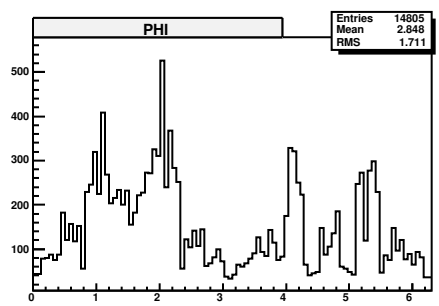


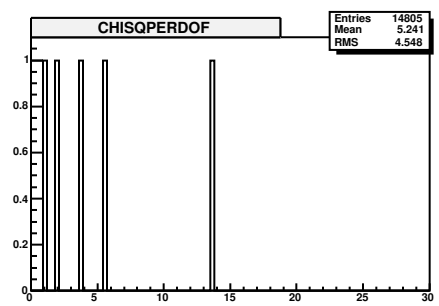
Electrons (SCONE Tight)

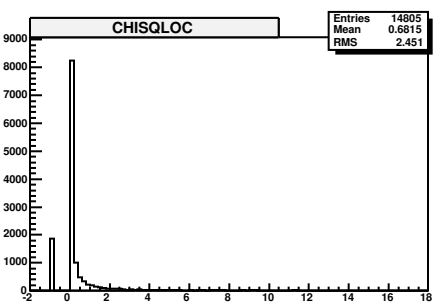

N
Entries 8766
Mean 1.684
RMS 1.039

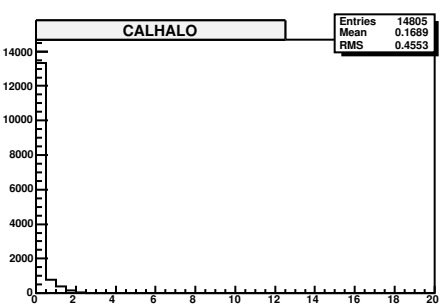

PT
Entries 14805
Mean 8.59
RMS 8.137

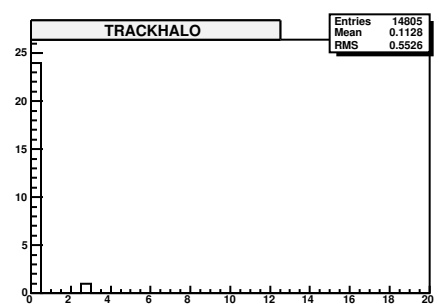

ETA
Entries 14805
Mean -0.04499
RMS 0.6369

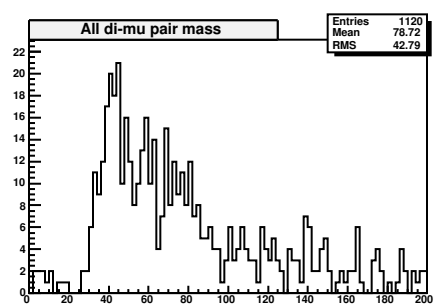

PHI
Entries 14805
Mean 2.848
RMS 1.711

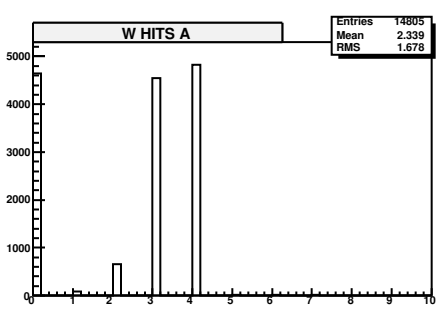

CHISQPERDOF
Entries 14805
Mean 5.241
RMS 4.548

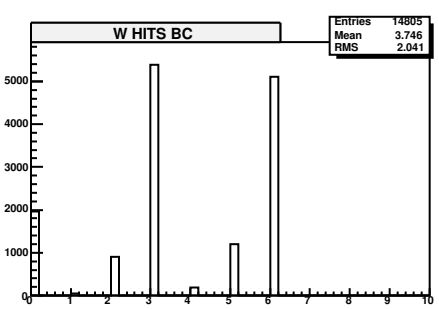

CHISQLOC
Entries 14805
Mean 0.6815
RMS 2.451

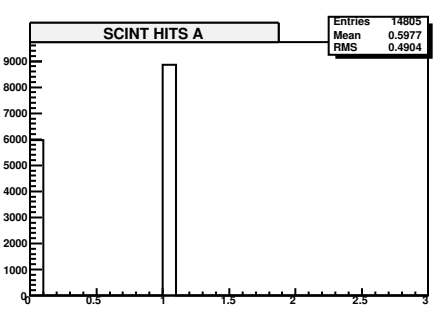

CALHALO
Entries 14805
Mean 0.1689
RMS 0.4553

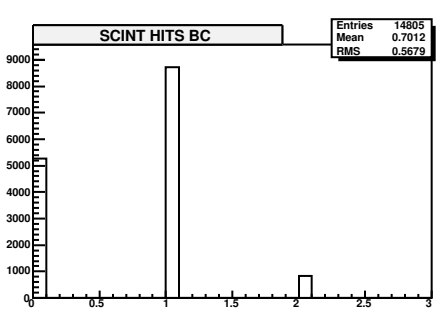

TRACKHALO
Entries 14805
Mean 0.1128
RMS 0.5526


All di-mu pair mass
Entries 1120
Mean 78.72
RMS 42.79

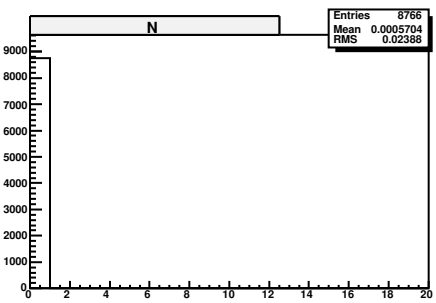

W HITS A
Entries 14805
Mean 2.339
RMS 1.678

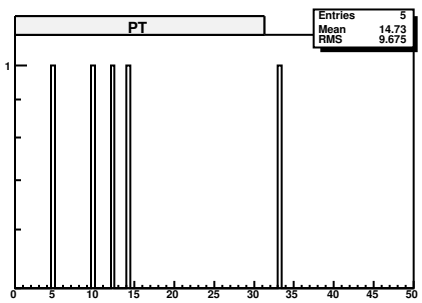

W HITS BC
Entries 14805
Mean 3.746
RMS 2.041

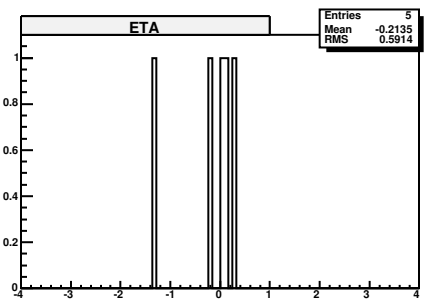

SCINT HITS A
Entries 14805
Mean 0.5977
RMS 0.4904

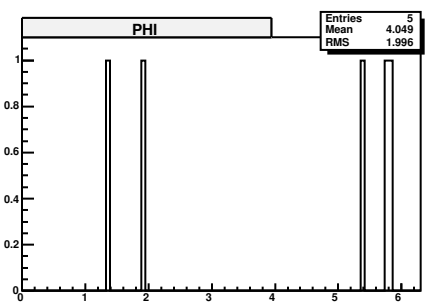

SCINT HITS BC
Entries 14805
Mean 0.7012
RMS 0.5679

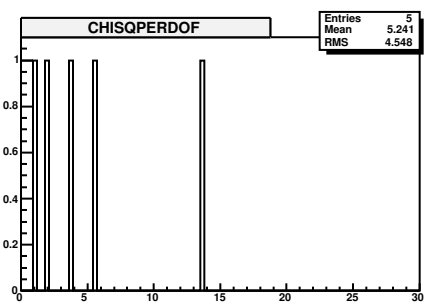
Muons (All)

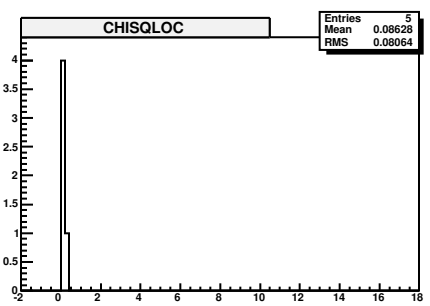


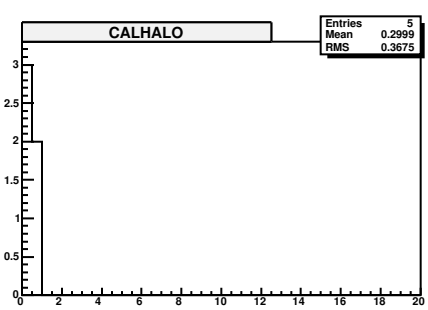


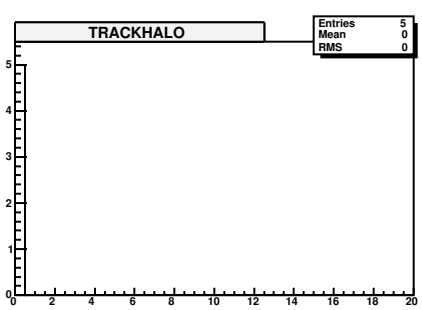


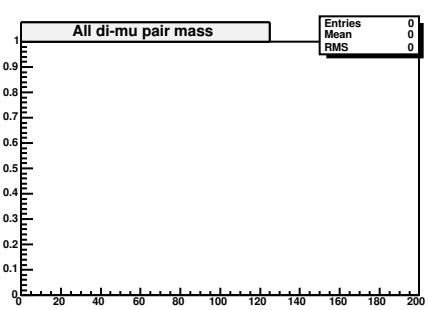


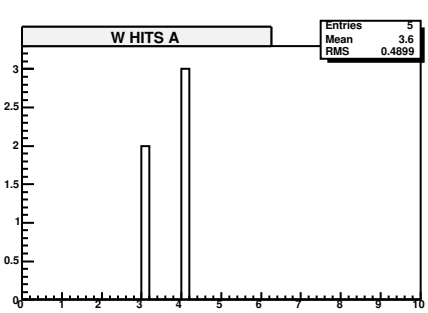


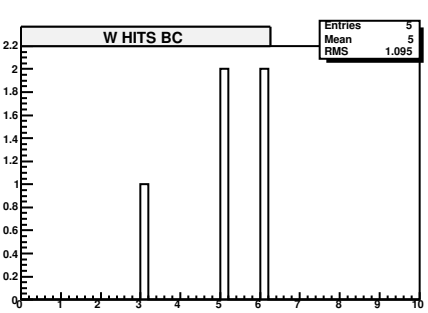


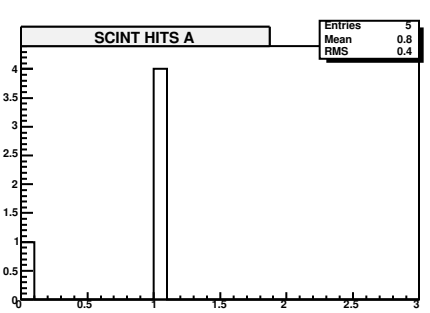


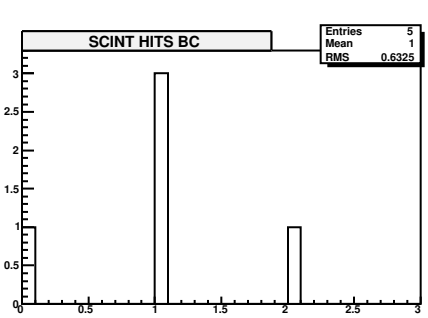




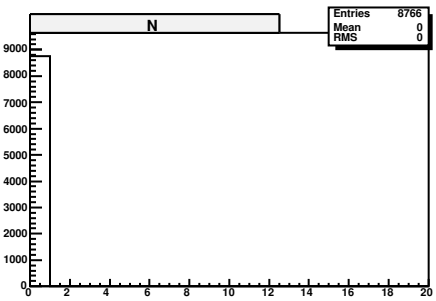


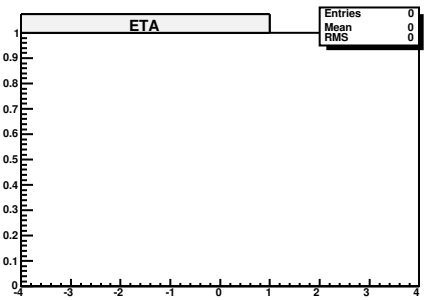


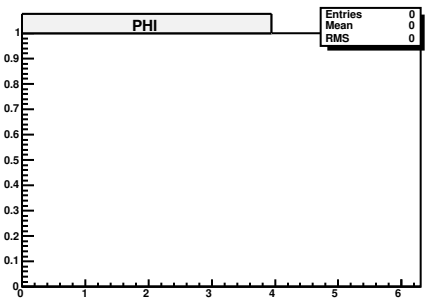


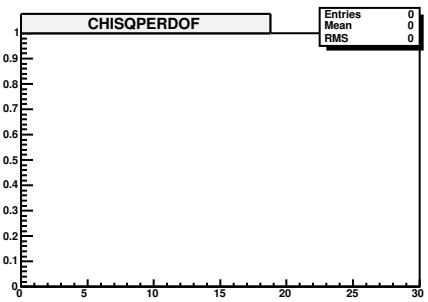


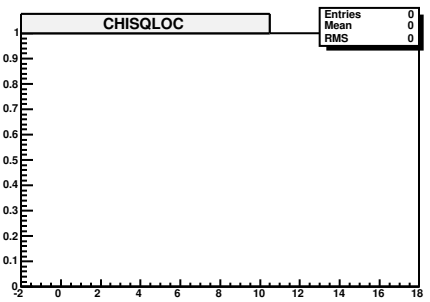
Muons (Matched)

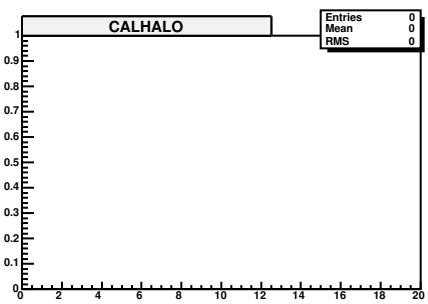

N
Entries 8766
Mean 0
RMS 0

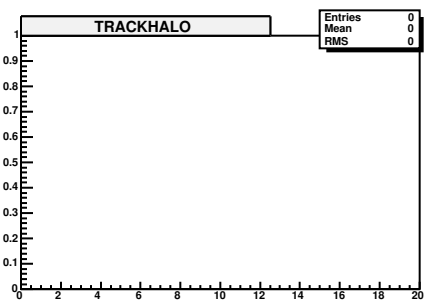

ETA
Entries 0
Mean 0
RMS 0

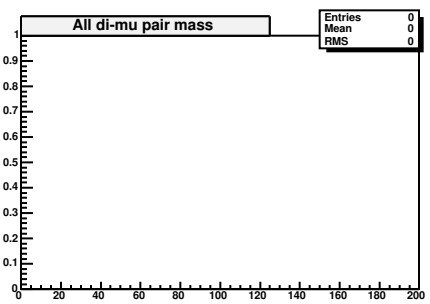

PHI
Entries 0
Mean 0
RMS 0

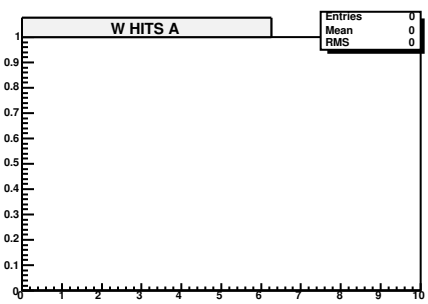

CHISQPERDOF
Entries 0
Mean 0
RMS 0

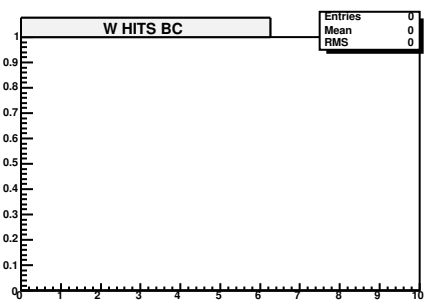

CHISQLOC
Entries 0
Mean 0
RMS 0

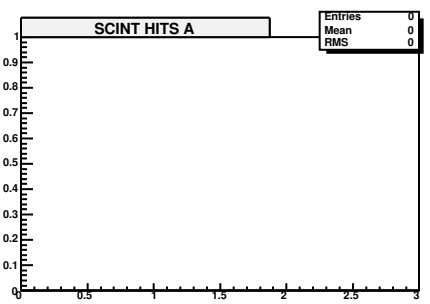

CALHALO
Entries 0
Mean 0
RMS 0

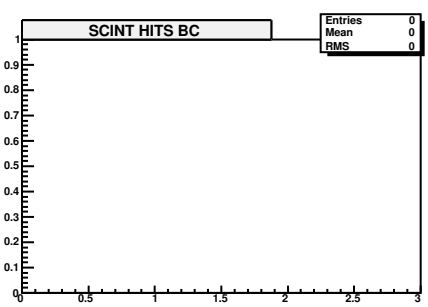

TRACKHALO
Entries 0
Mean 0
RMS 0


All di-mu pair mass
Entries 0
Mean 0
RMS 0

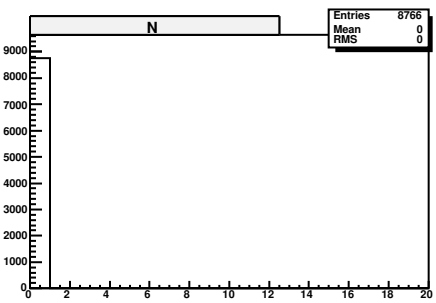

W HITS A
Entries 0
Mean 0
RMS 0

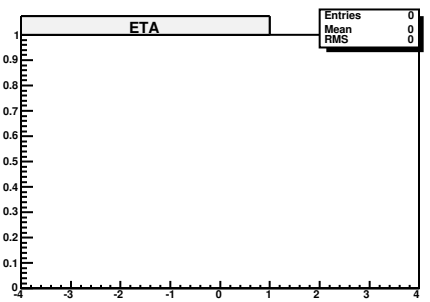

W HITS BC
Entries 0
Mean 0
RMS 0

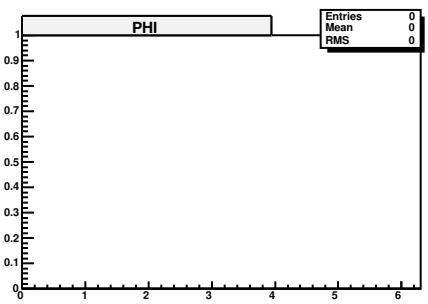

SCINT HITS A
Entries 0
Mean 0
RMS 0

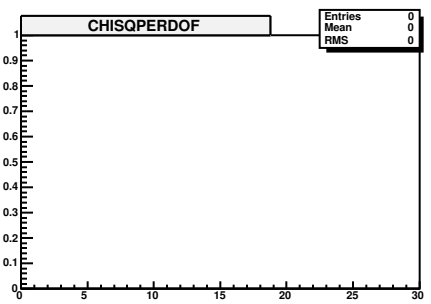

SCINT HITS BC
Entries 0
Mean 0
RMS 0

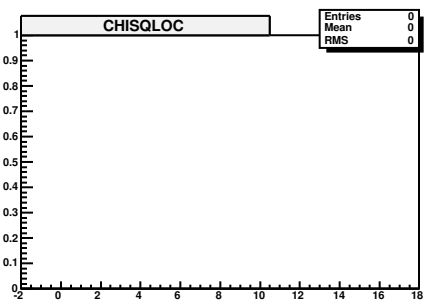
Muons (Astub)

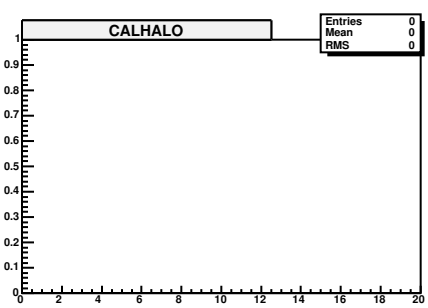


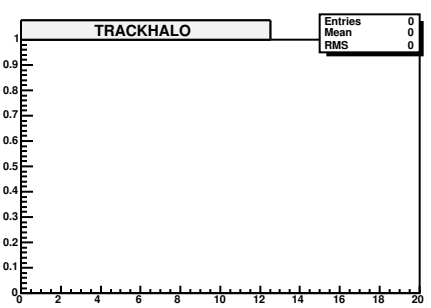


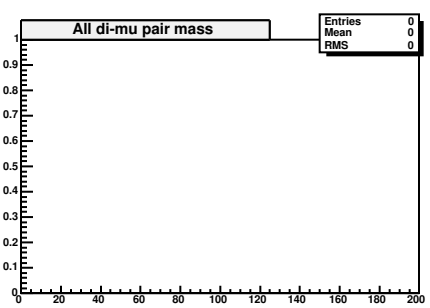


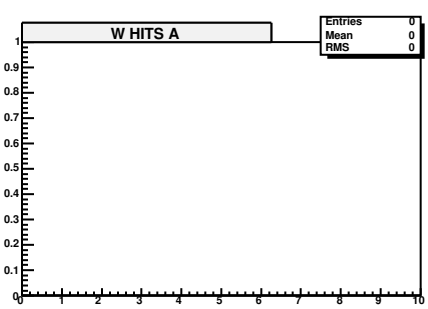


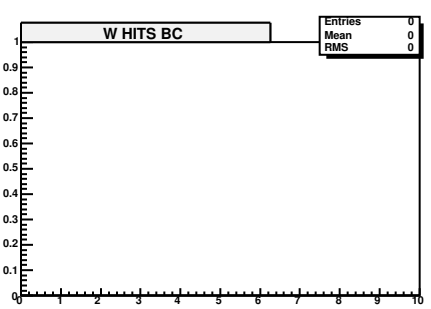


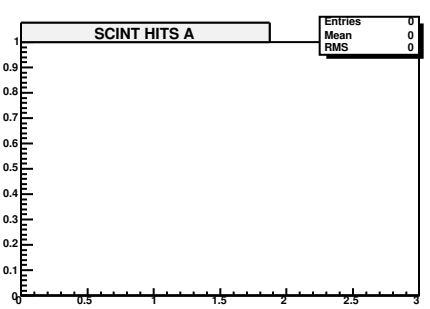


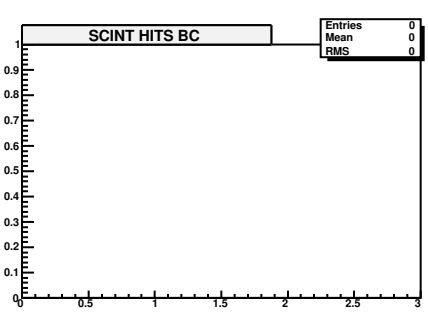




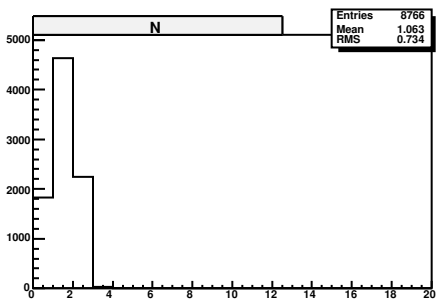


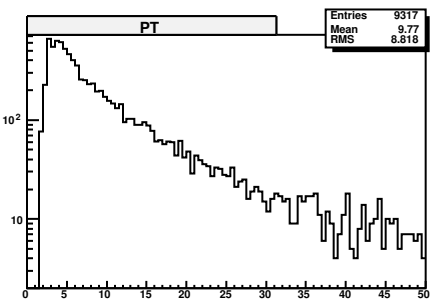


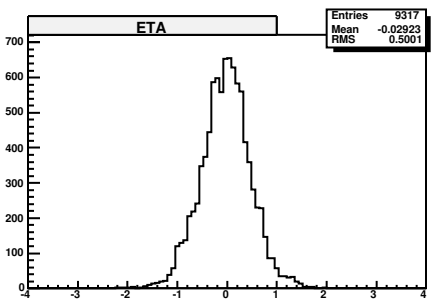


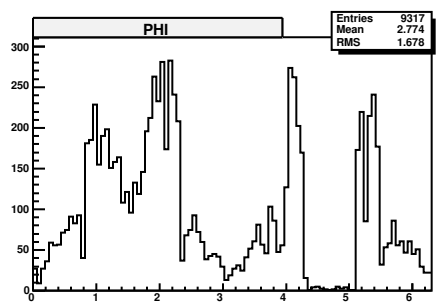


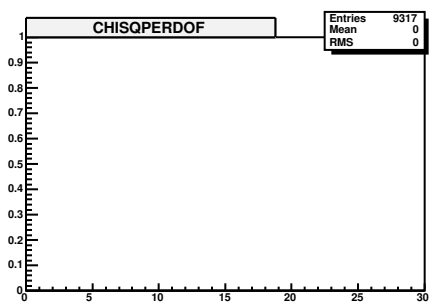
Muons (BCstub)

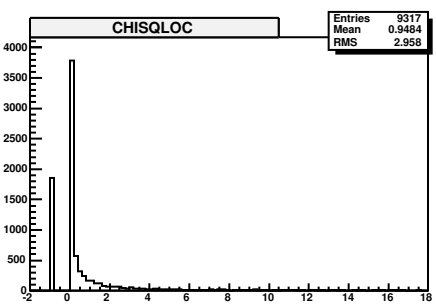


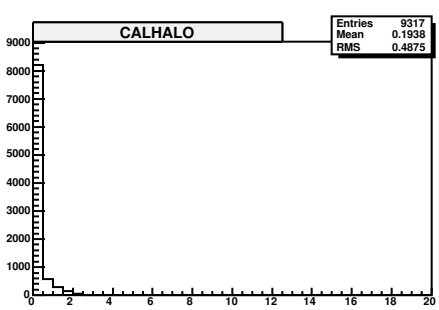


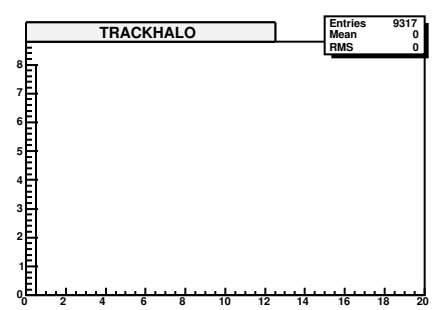


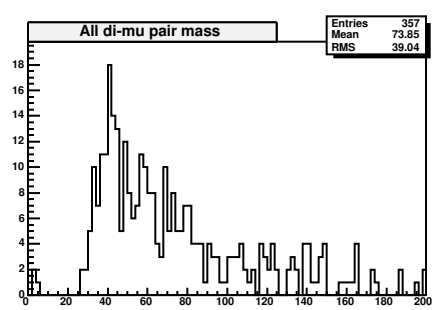


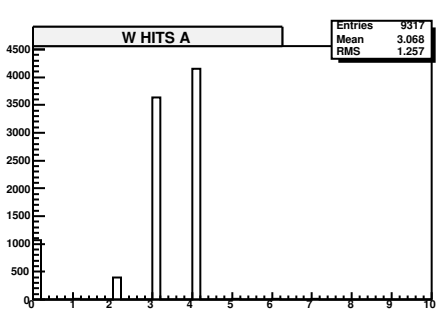


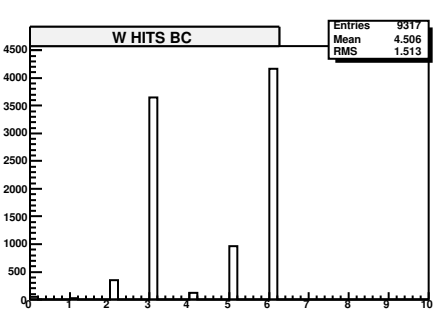


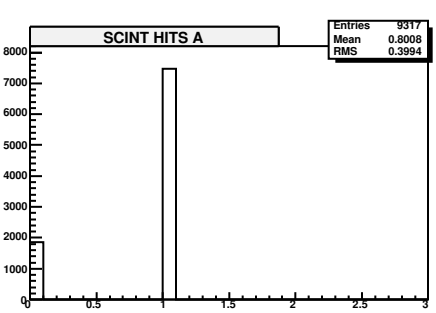


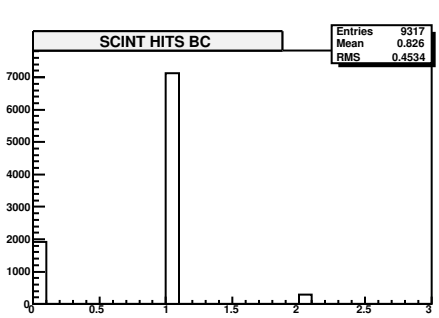




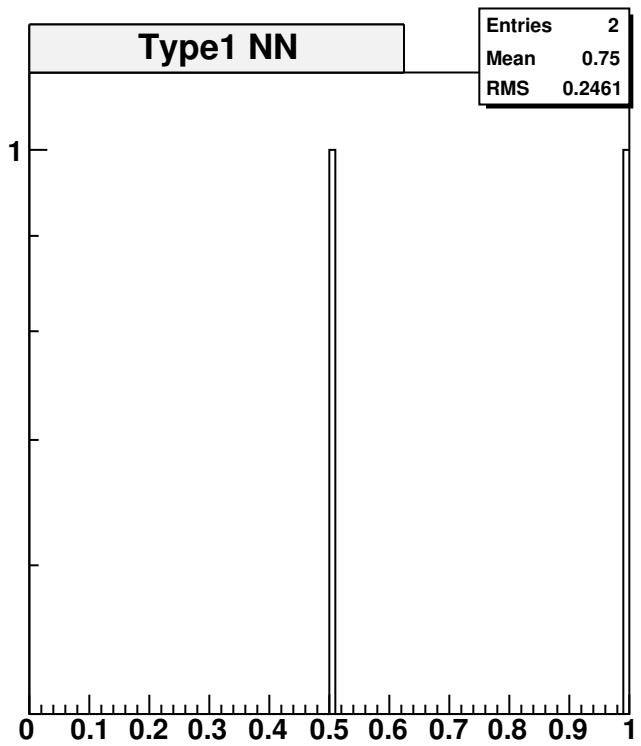


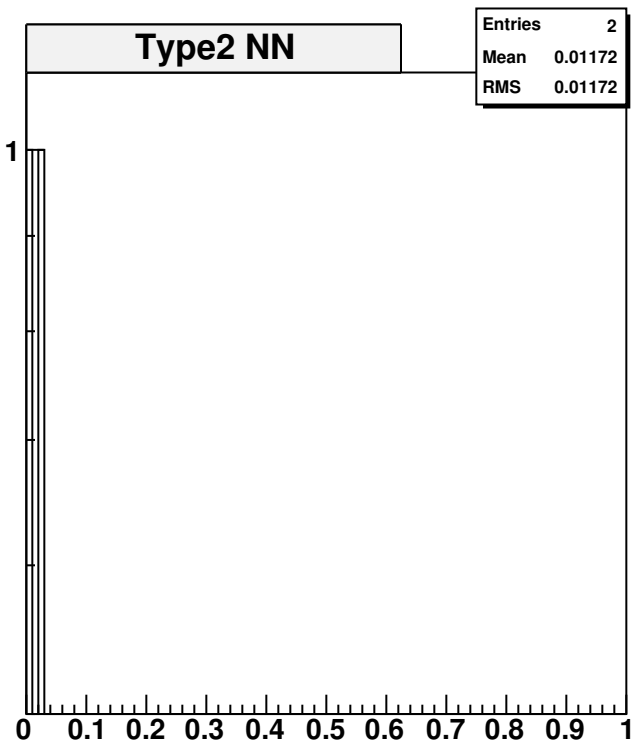


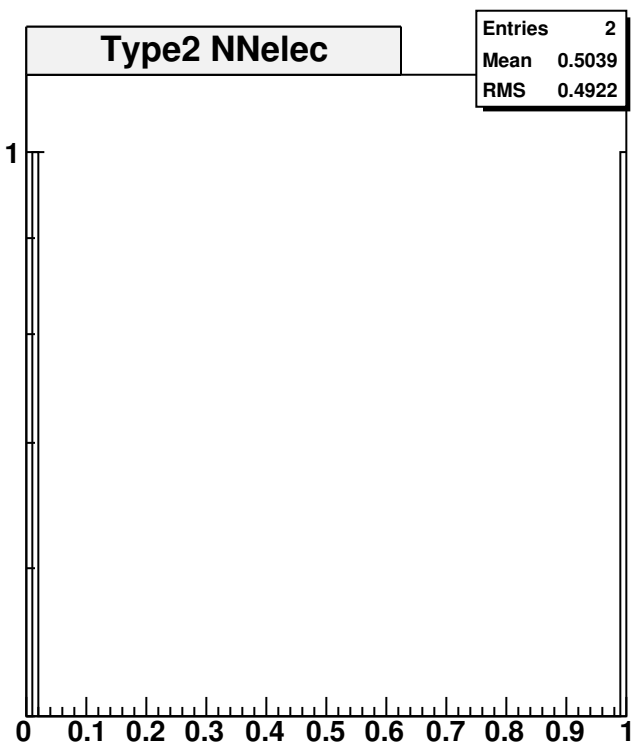




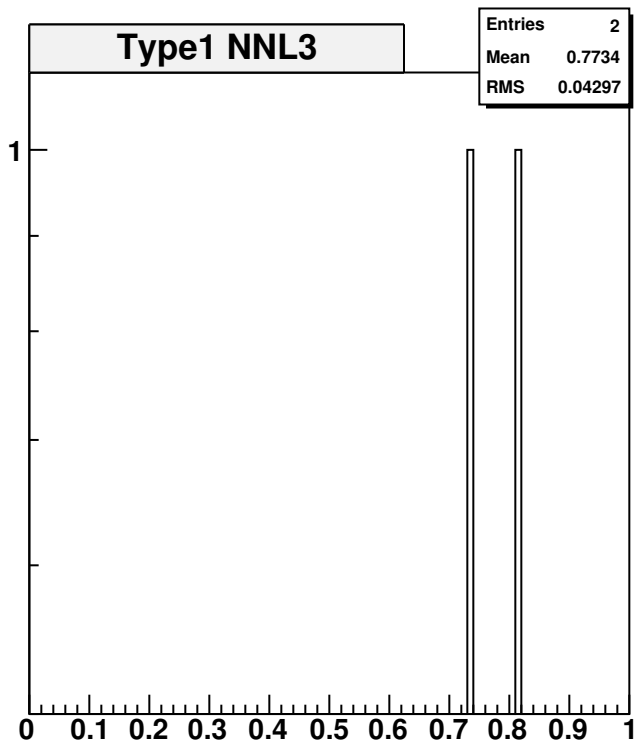
Muons (Unmatched)

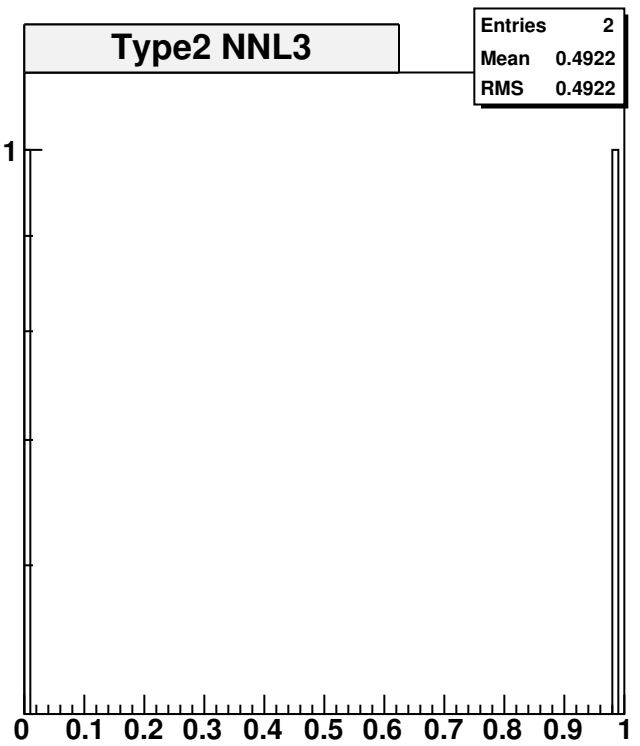


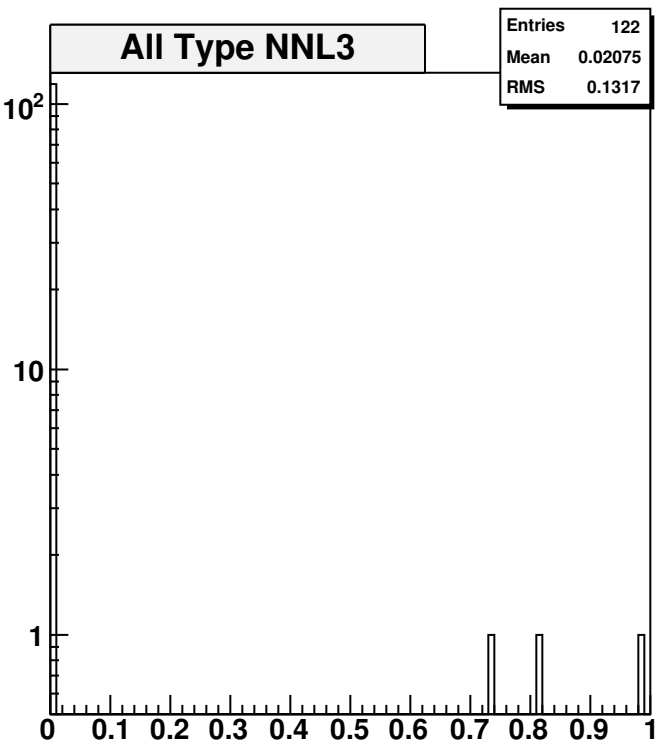




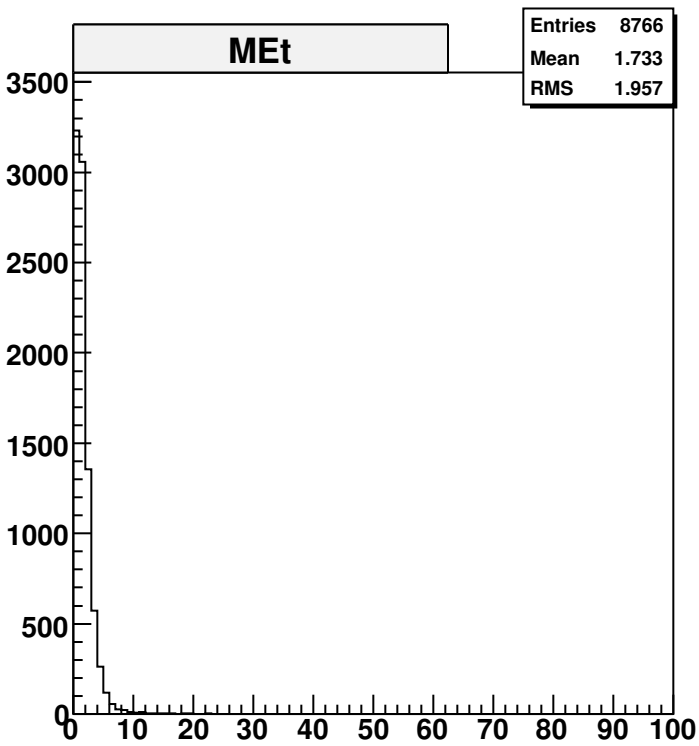
Taus NN (TAU All)







Taus NNL3 (TAU All)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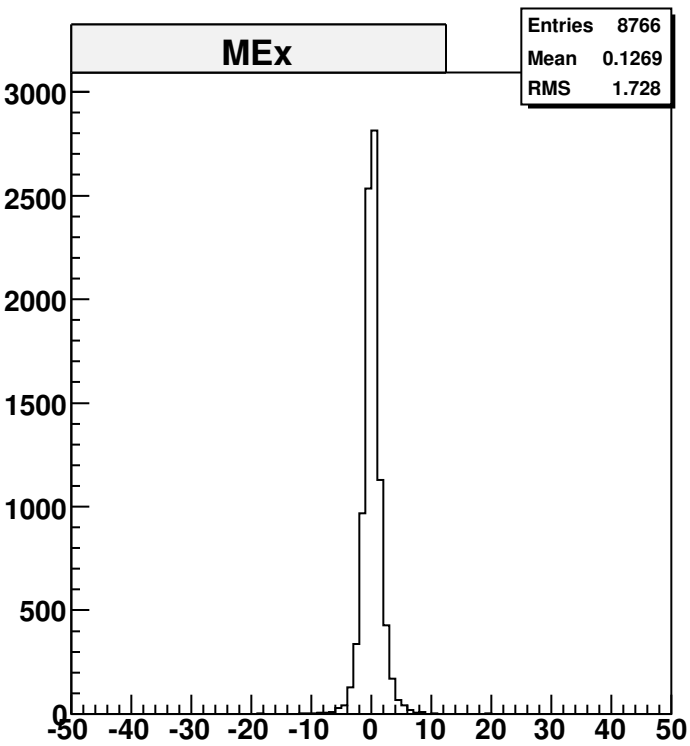
Mean 1.733
RMS 1.957
3500
3000
2500
2000
1500
1000
500
0
0 10 20 30 40 50 60 70 80 90 100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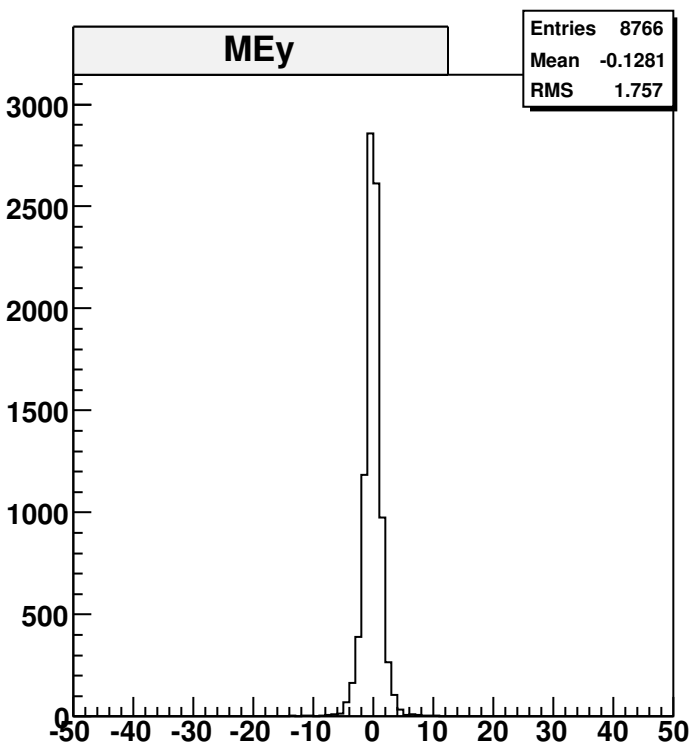
MEy
Entries 8766
Mean -0.1281
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1500
1000
500
0
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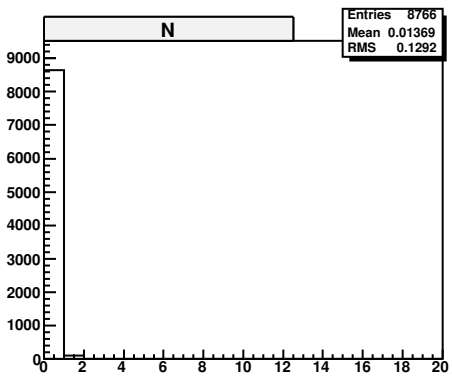
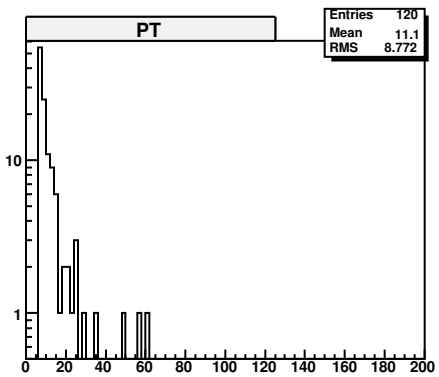
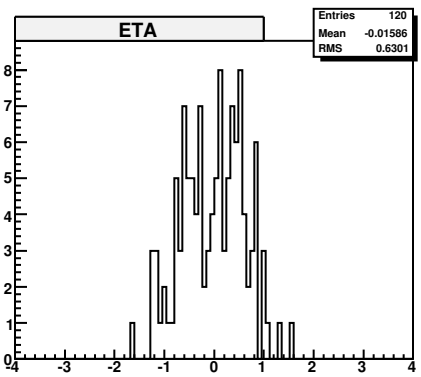
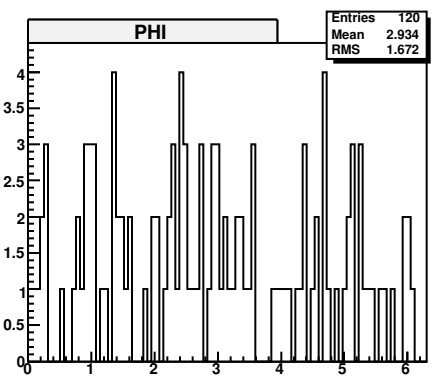
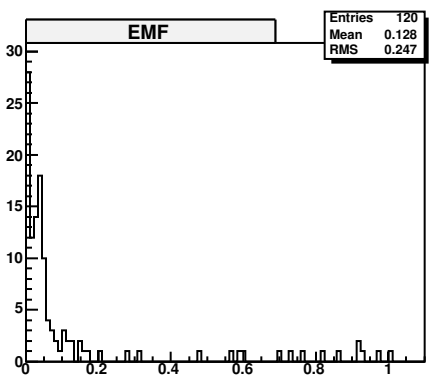
Met (No cuts)

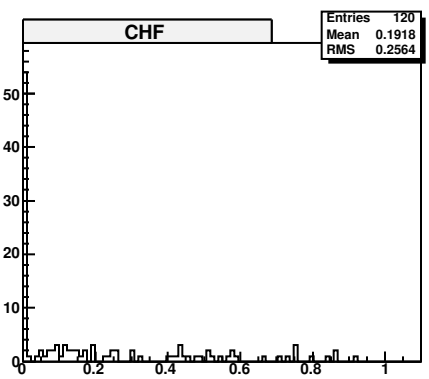


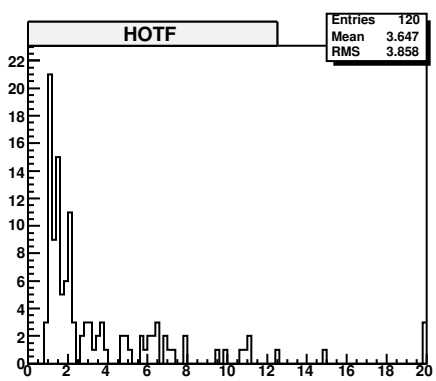


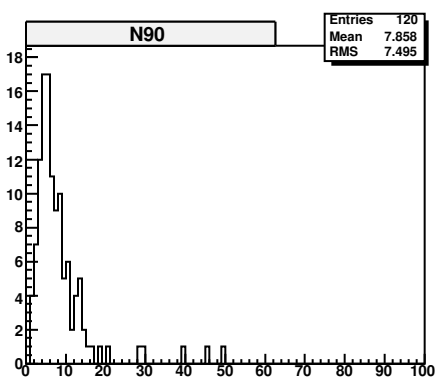


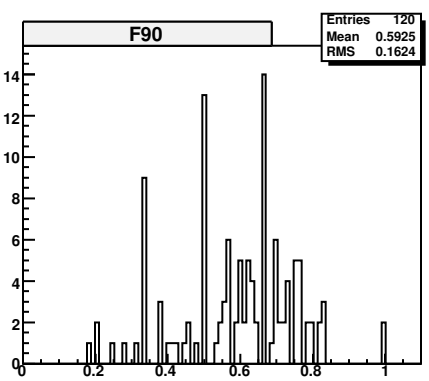


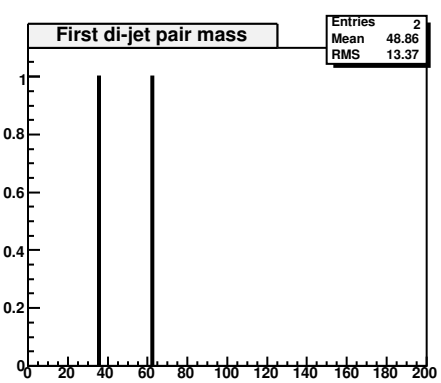


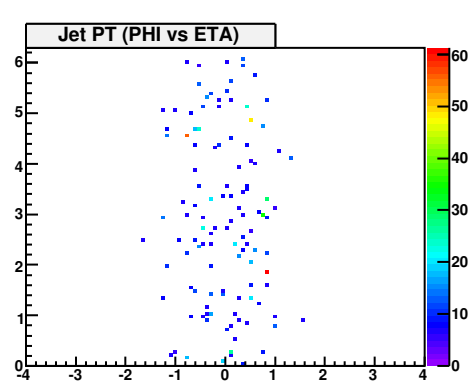




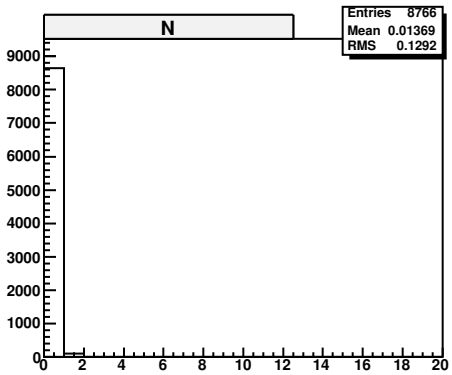


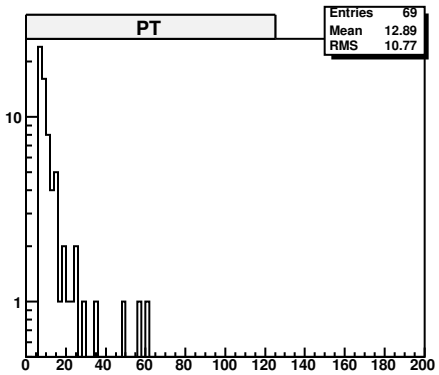


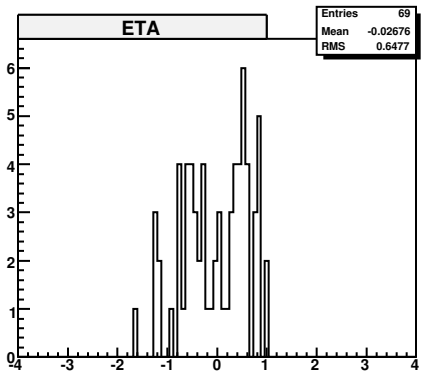


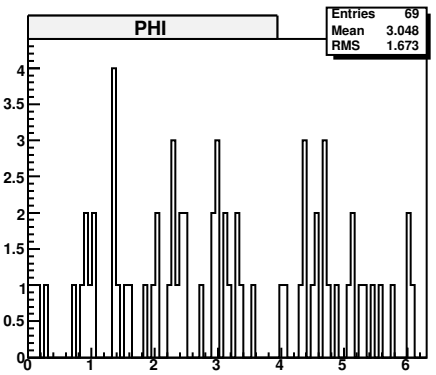


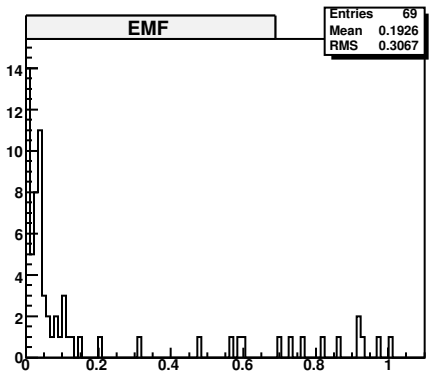
Jets (Cone R 0.7 (no cuts))

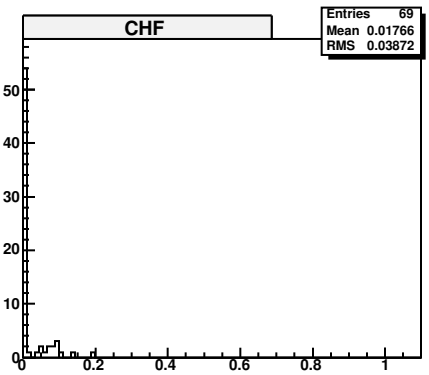


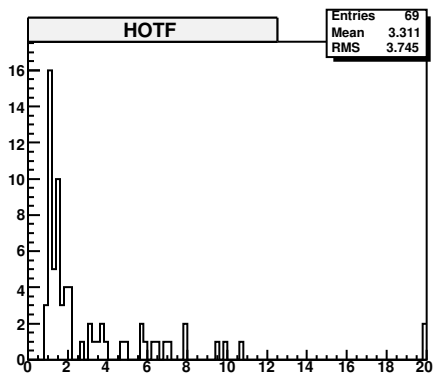


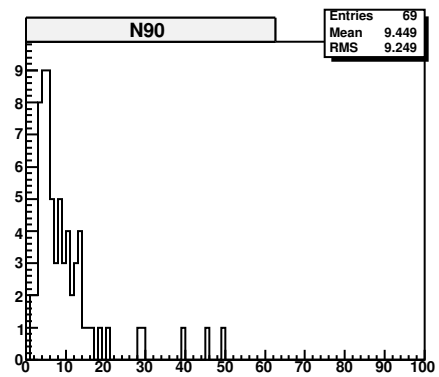


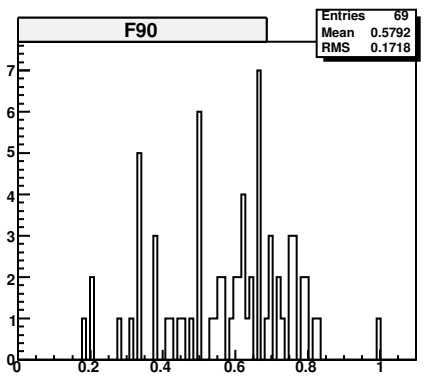


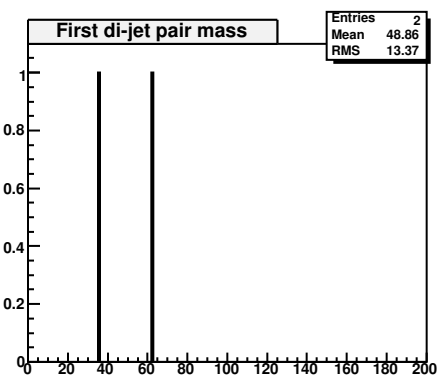


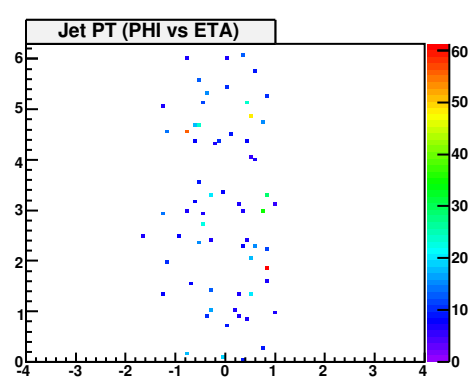




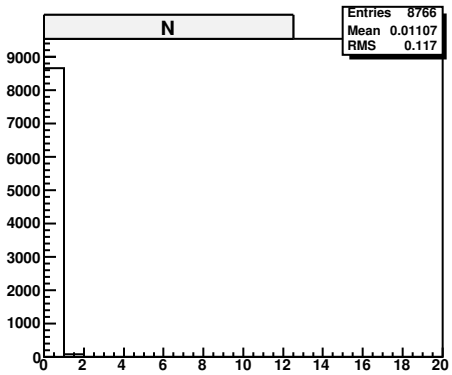


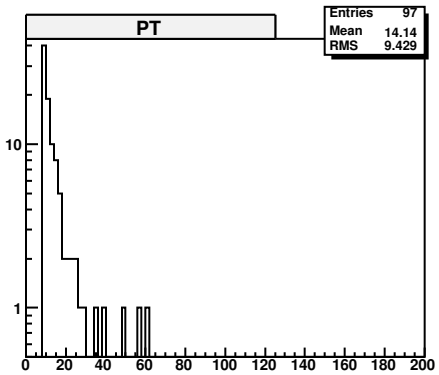


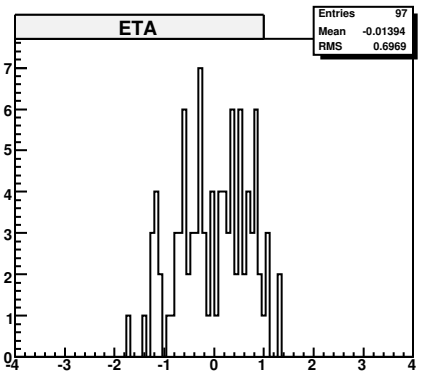


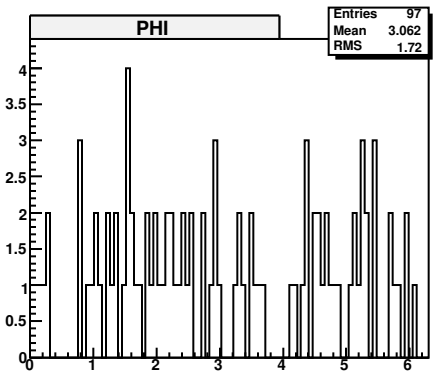


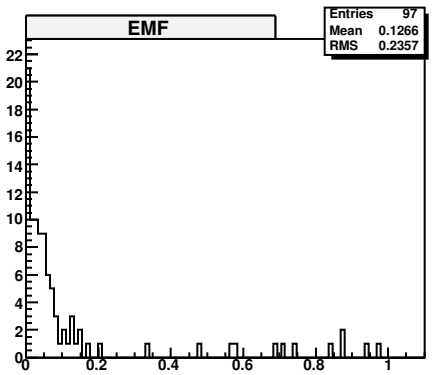
Jets (Cone R 0.7 (standard cuts))

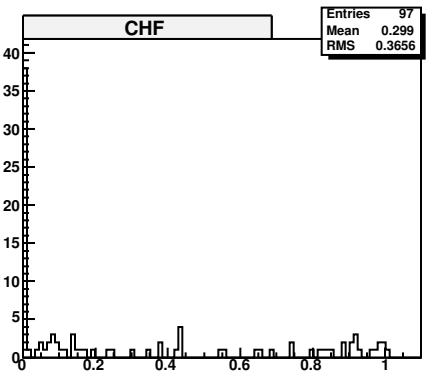


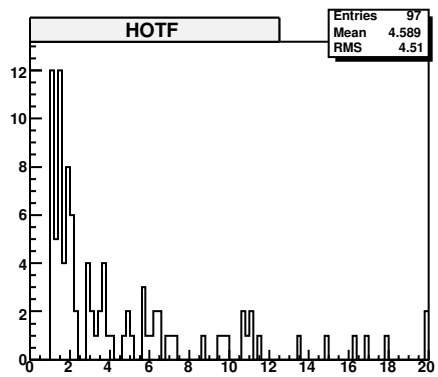


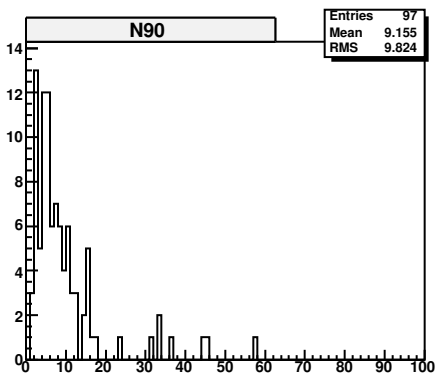


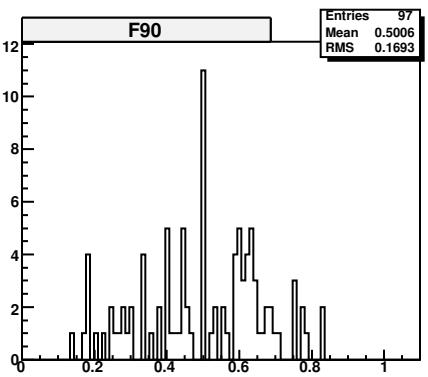


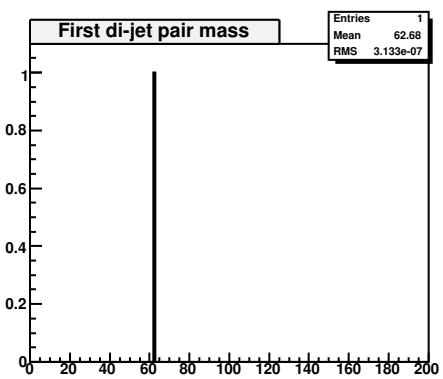


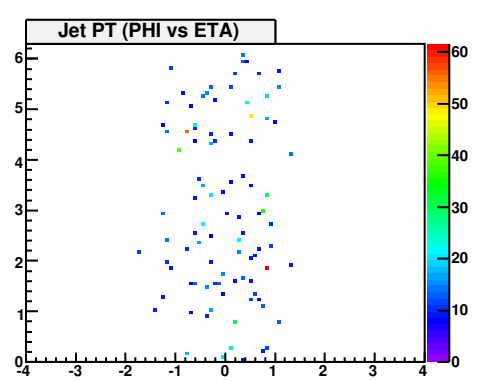




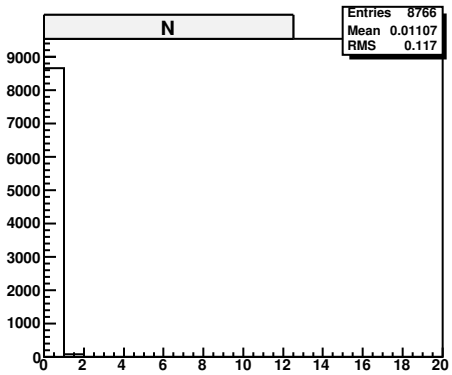


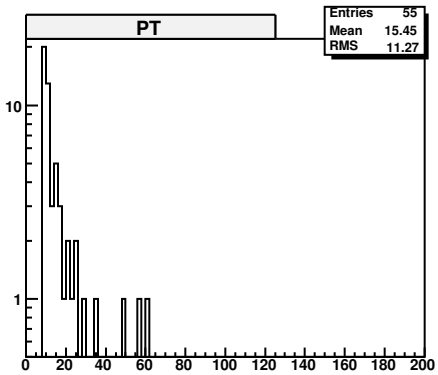


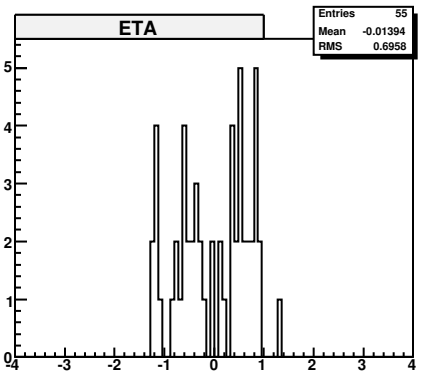


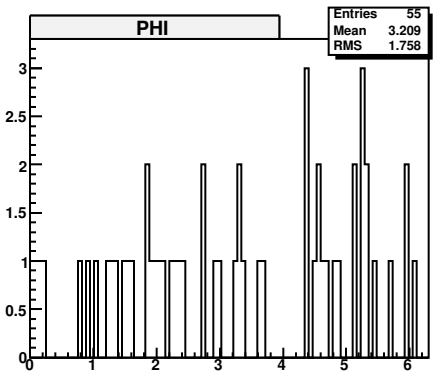


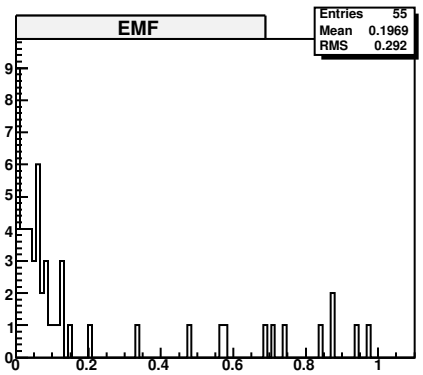
Jets (KT D 1 (no cuts))

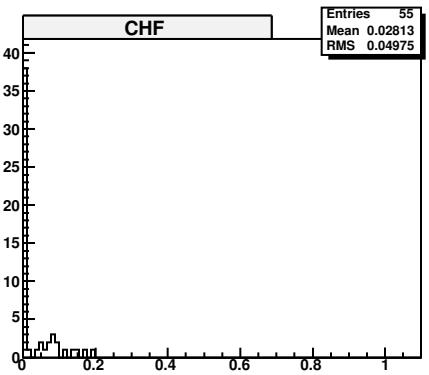


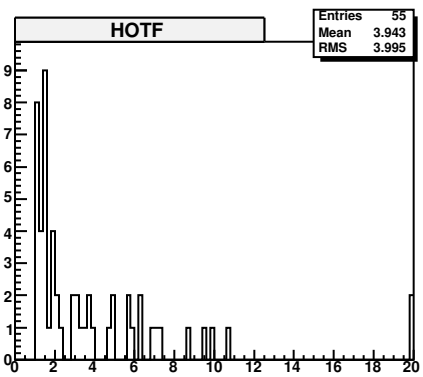


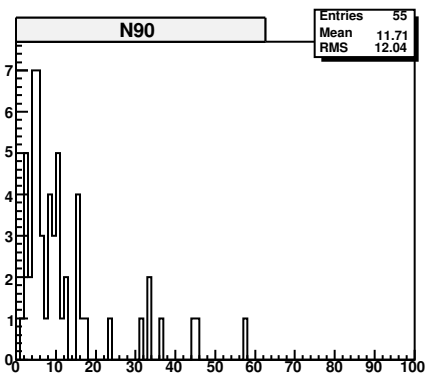


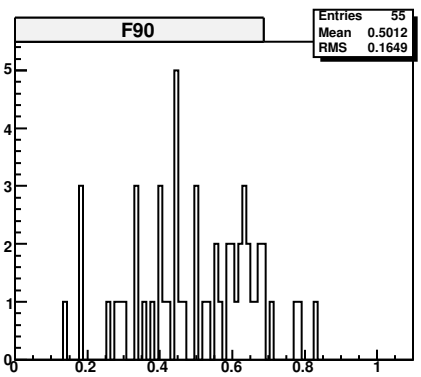


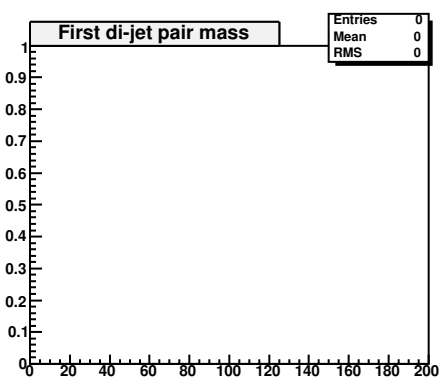


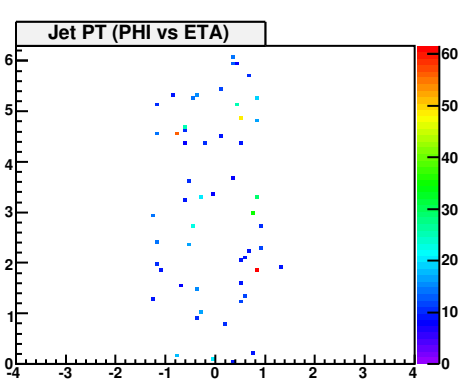




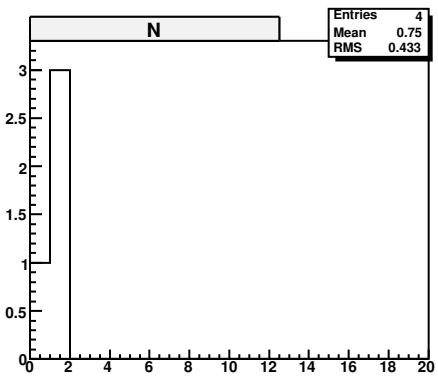


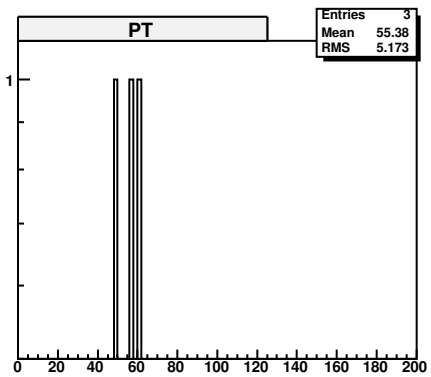


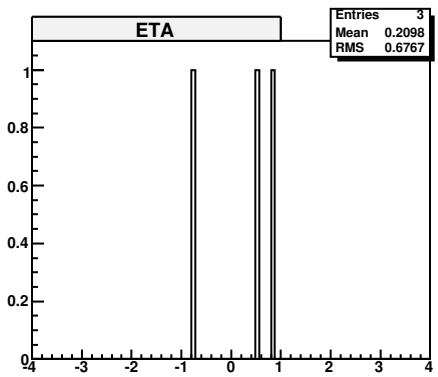


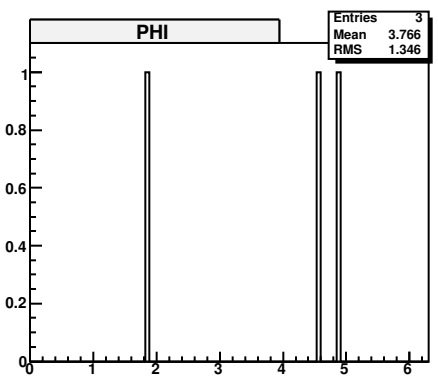


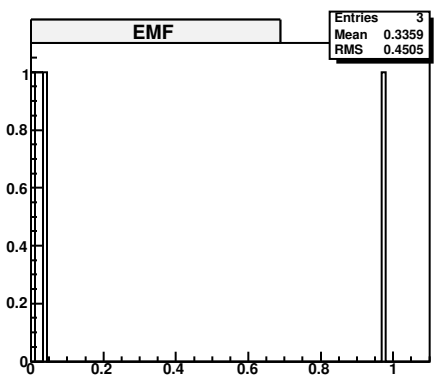
Jets (KT D 1 (standard cuts))

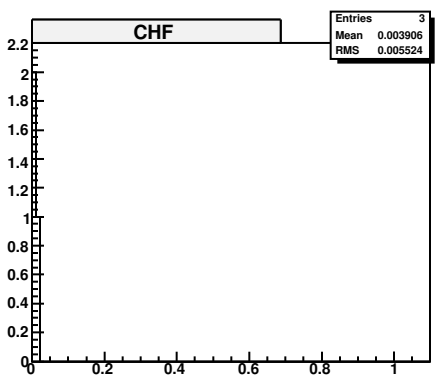


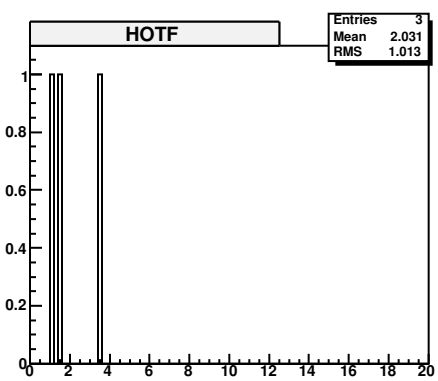


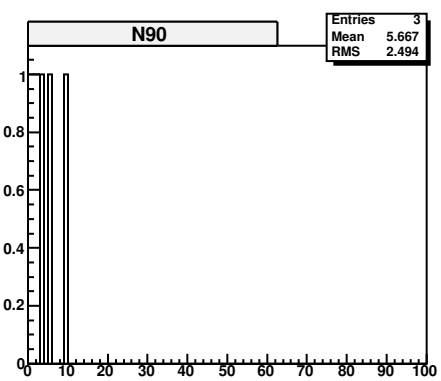


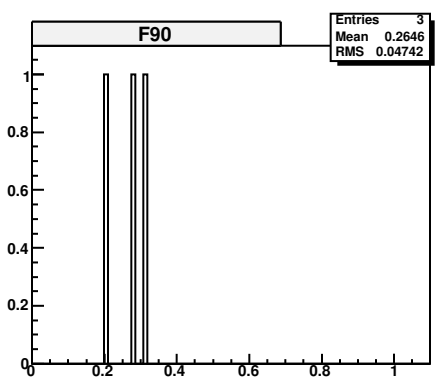


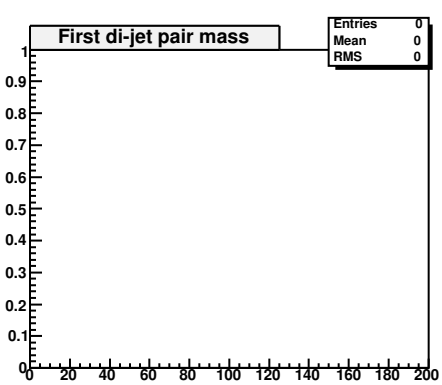


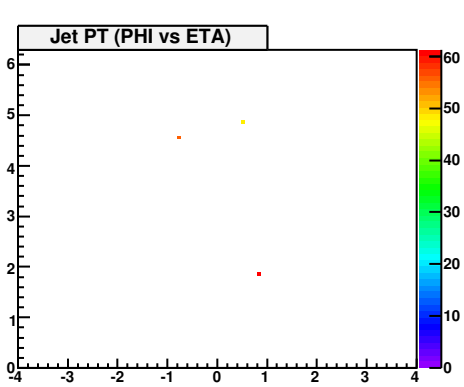




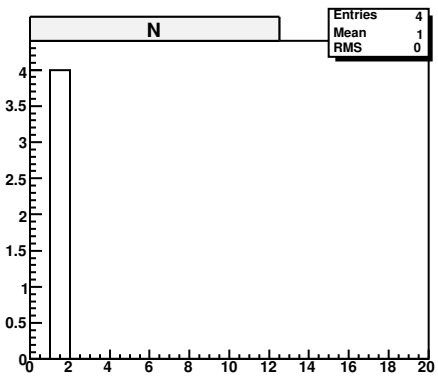


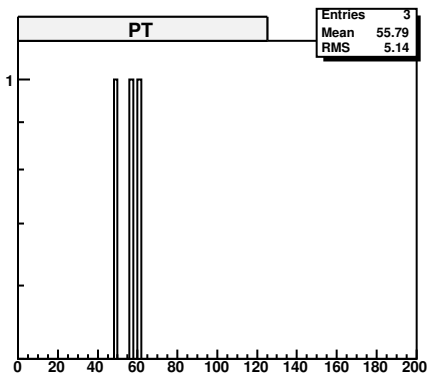


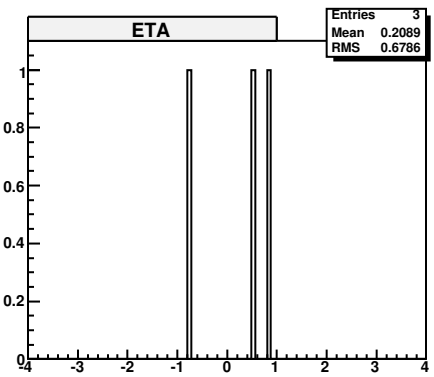


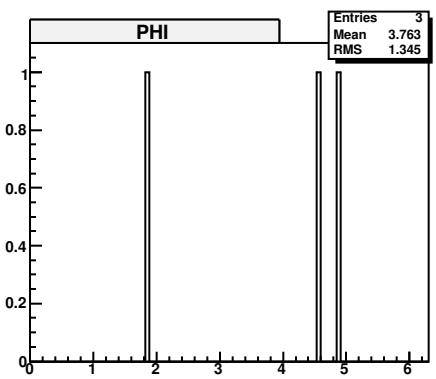


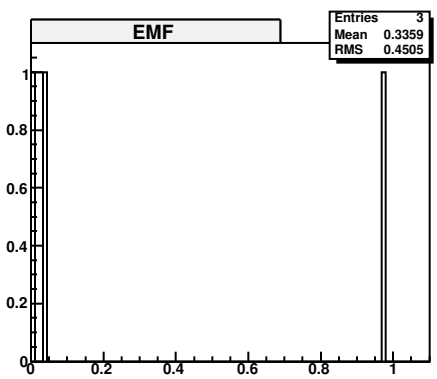
Jets (Cone R 0.7 (standard cuts, MET>30))

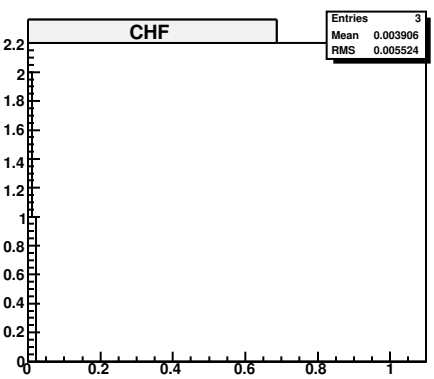


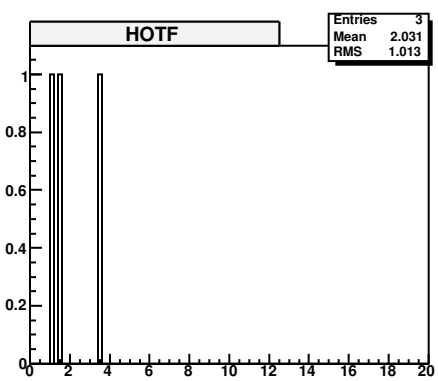


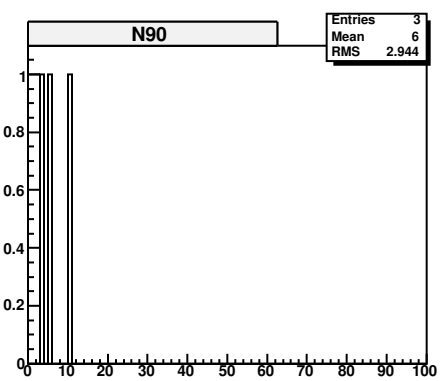


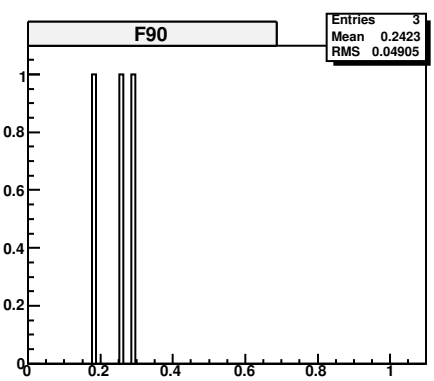


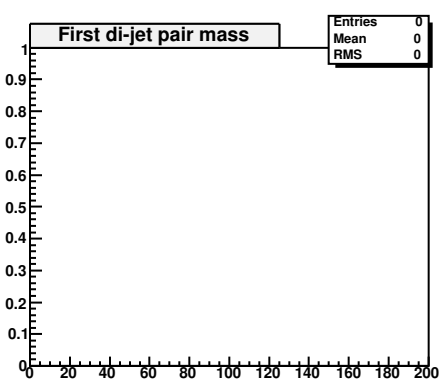


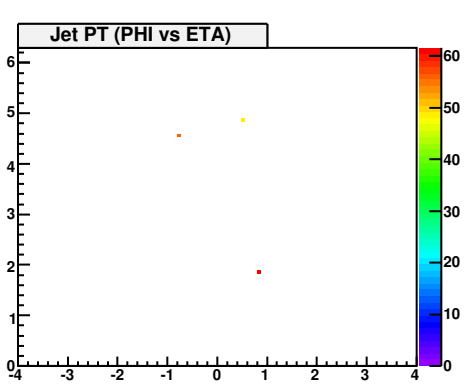




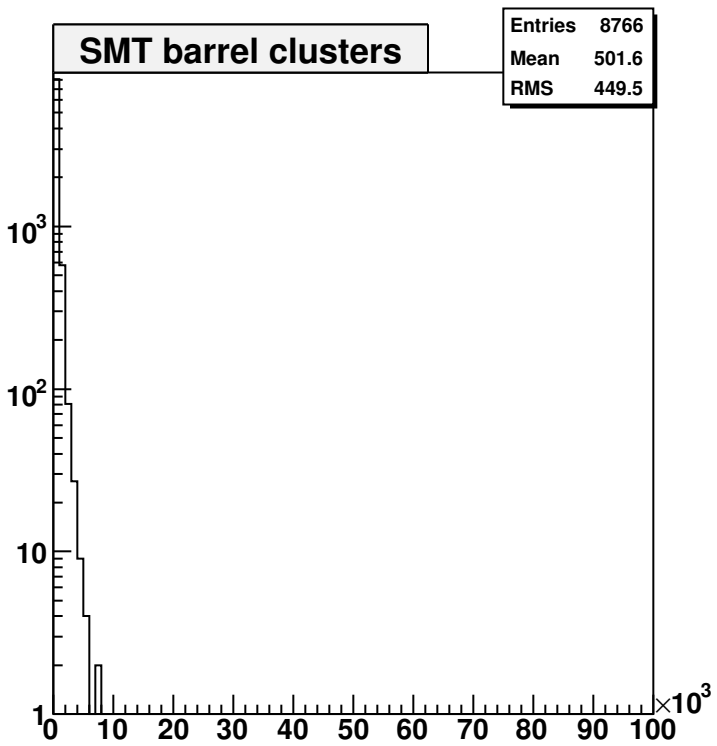


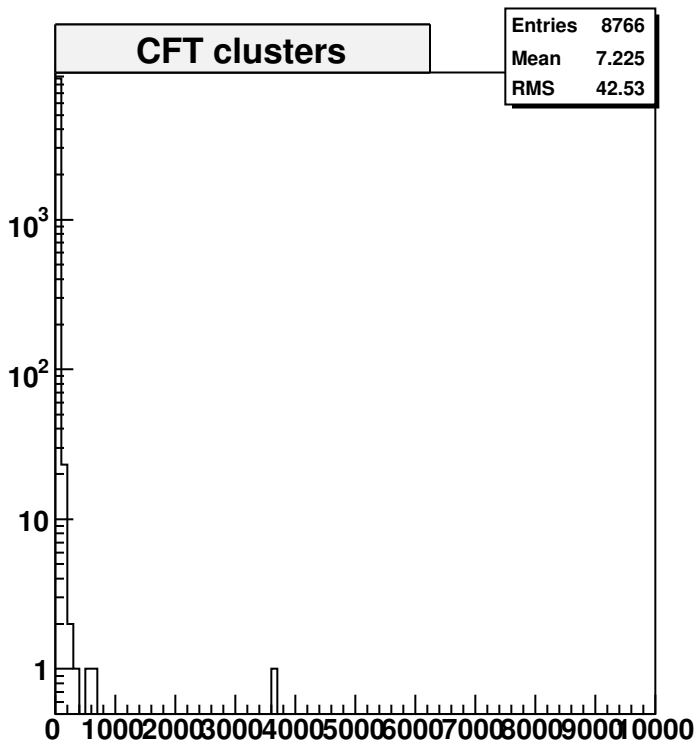


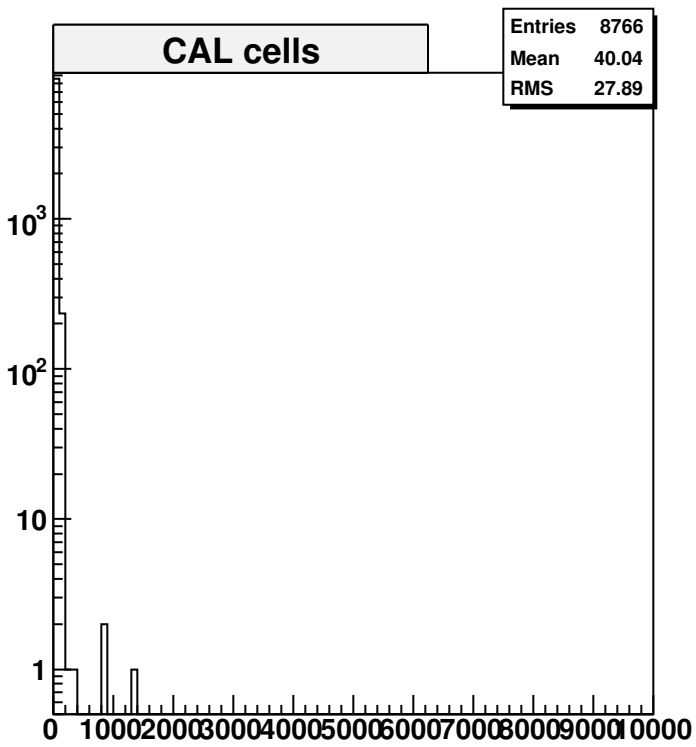


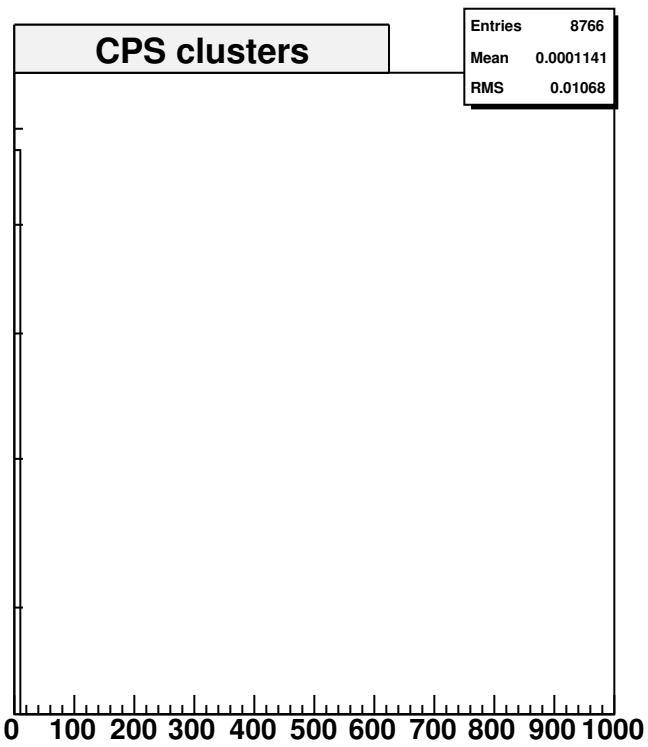


Jets (KT D 1 (standard cuts, MET>30))

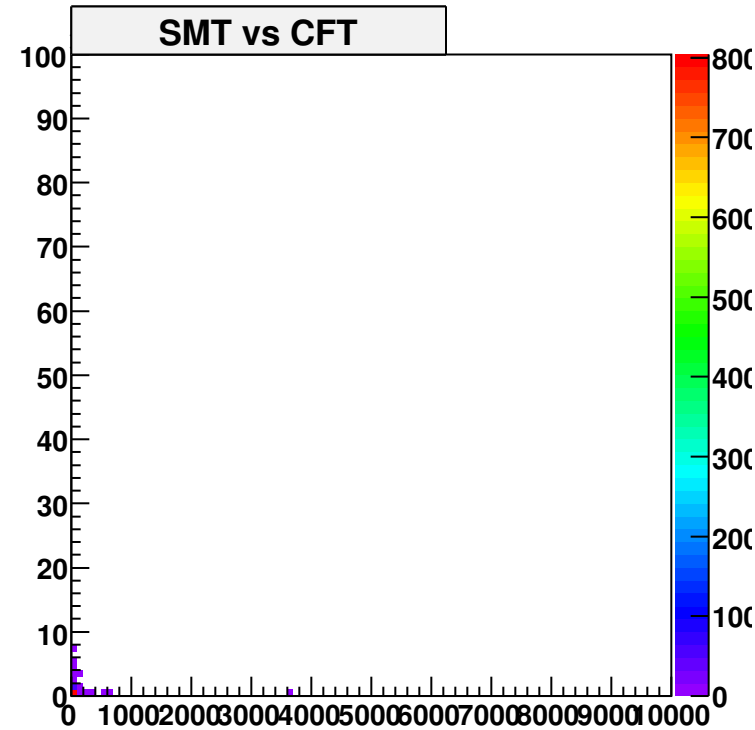


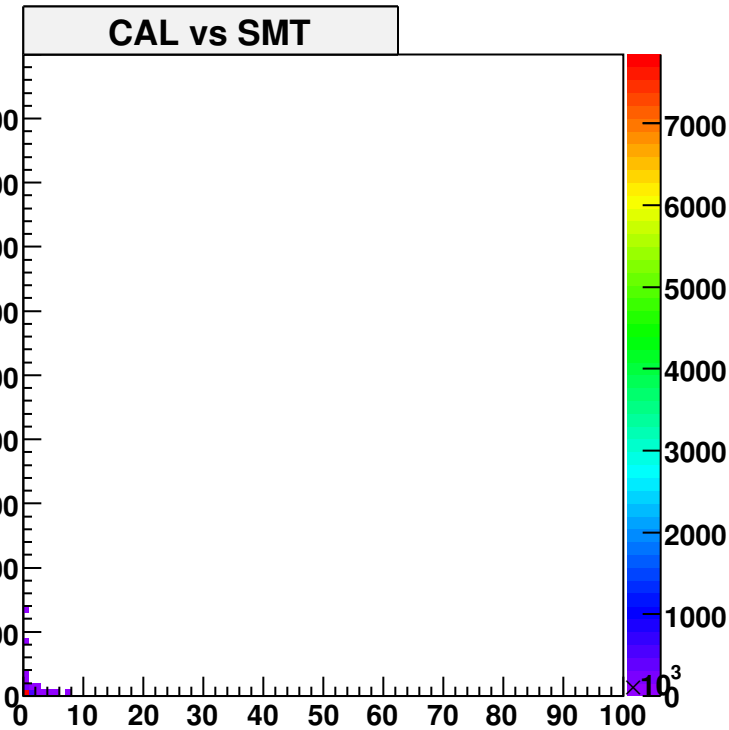


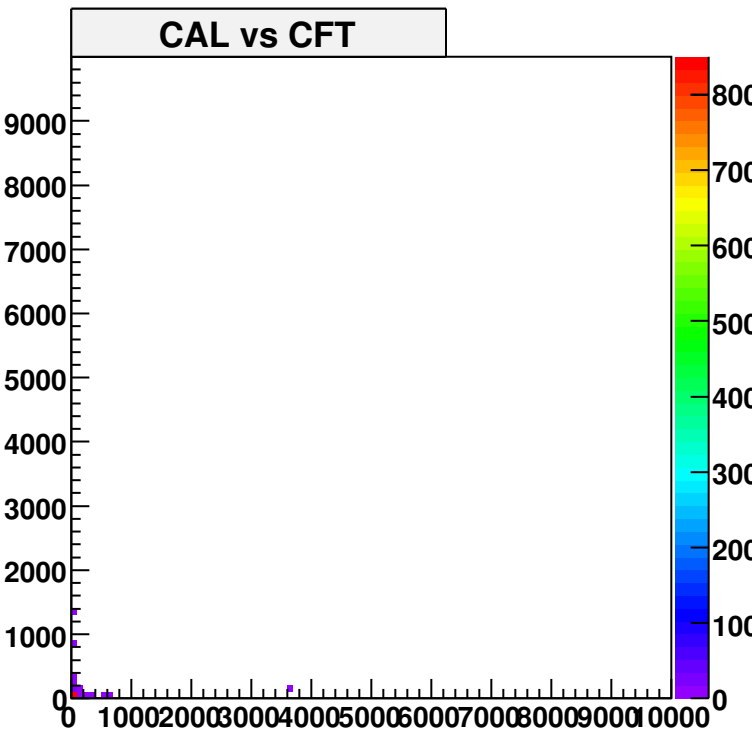


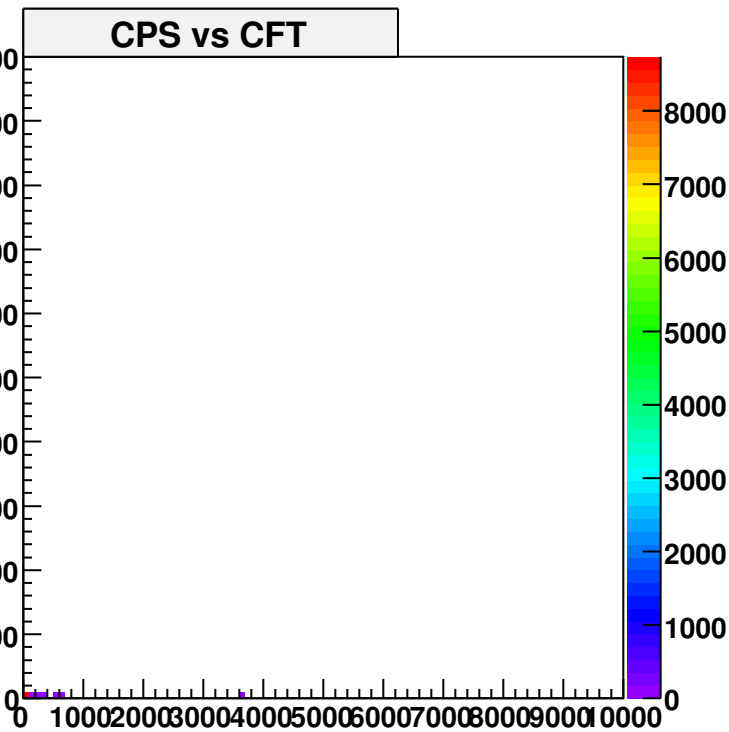


Detector Occupancy (Detector)

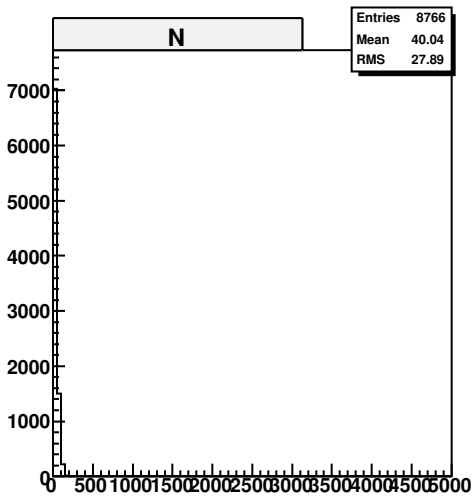


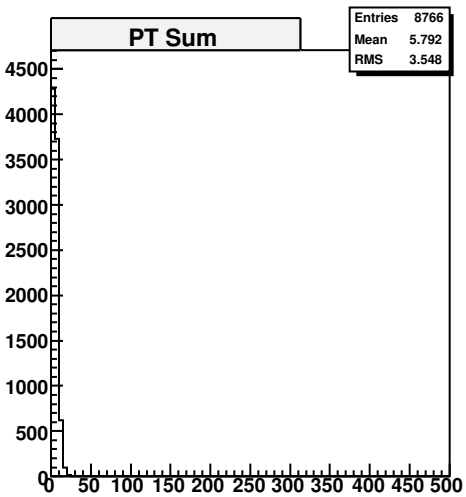


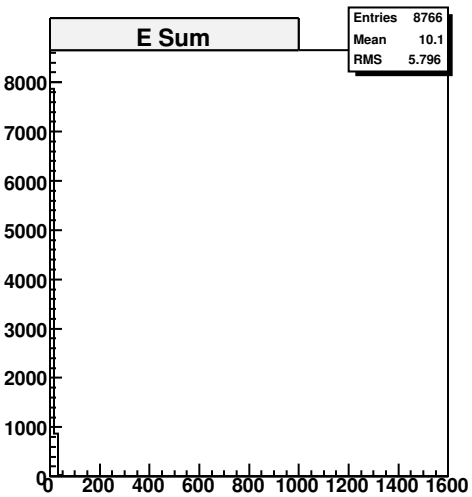


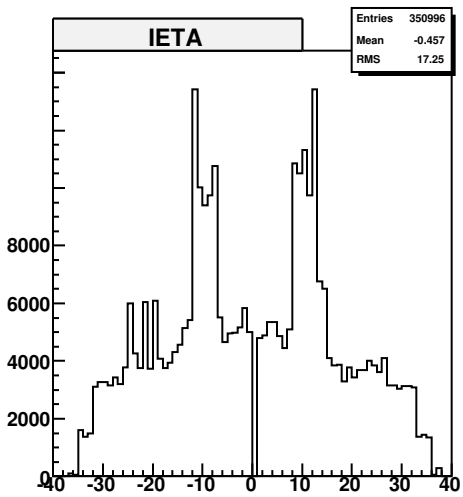


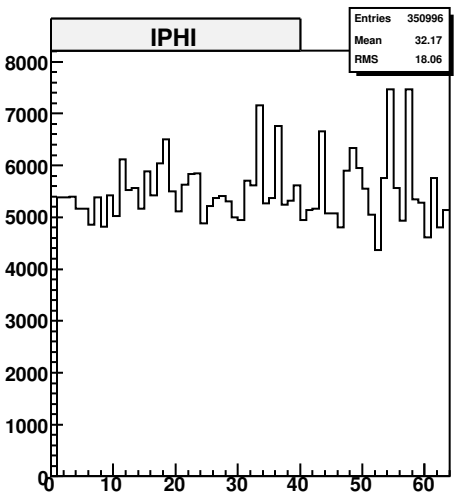
Detector Occupancy (Detector)

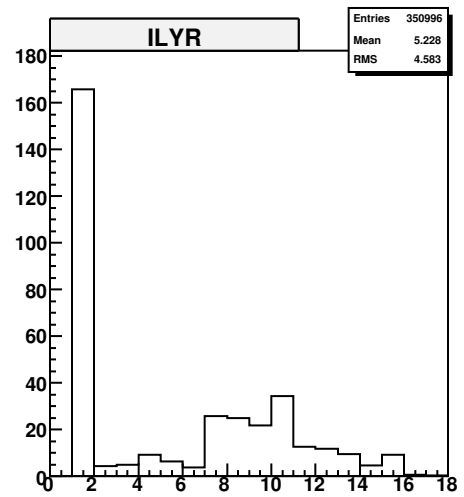


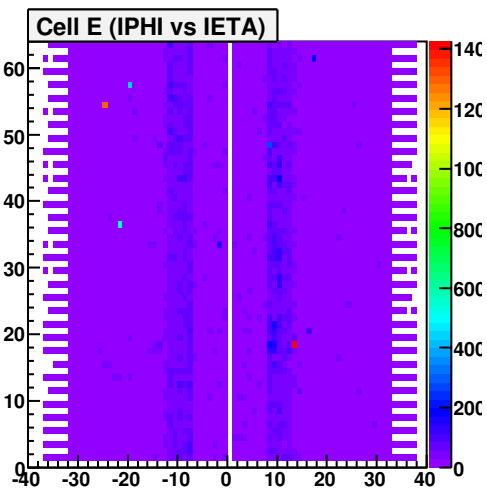


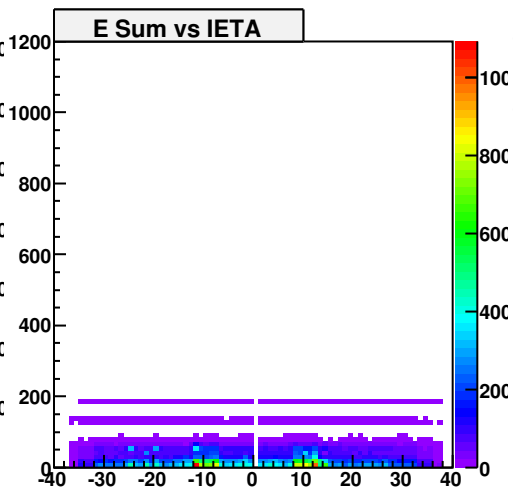


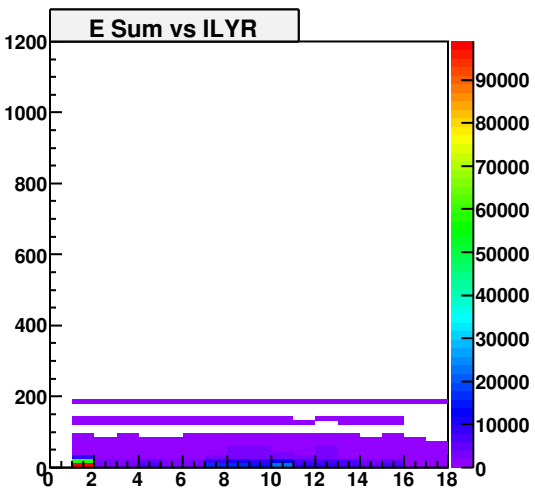




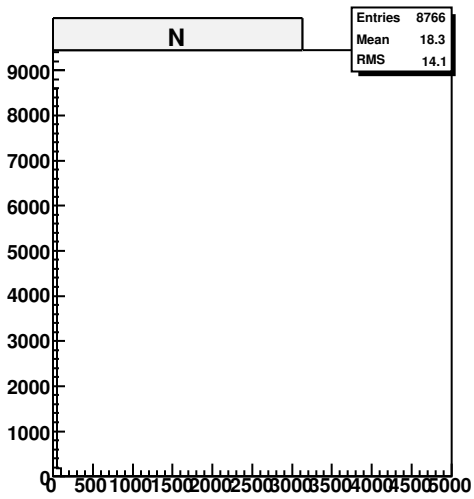


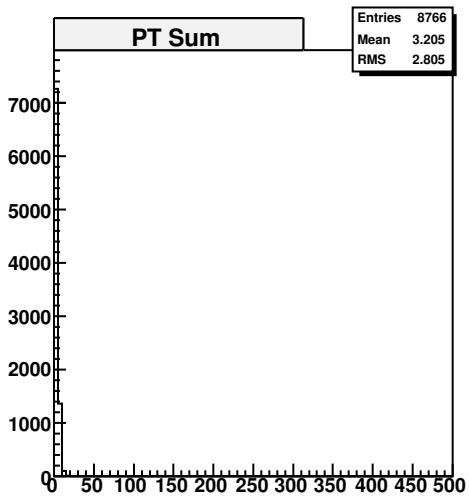


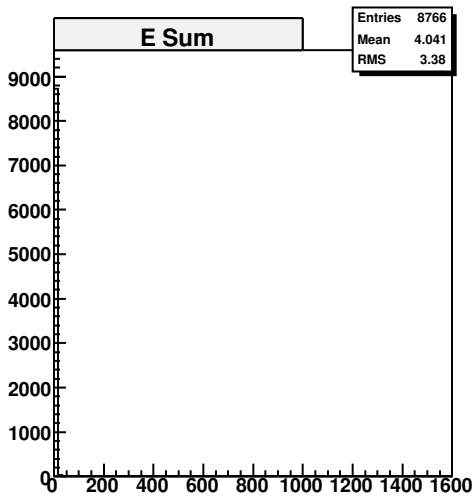


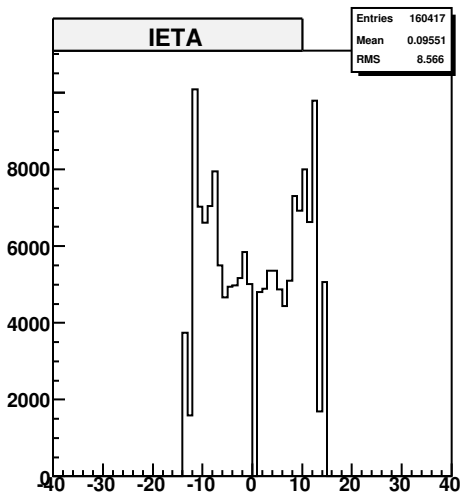


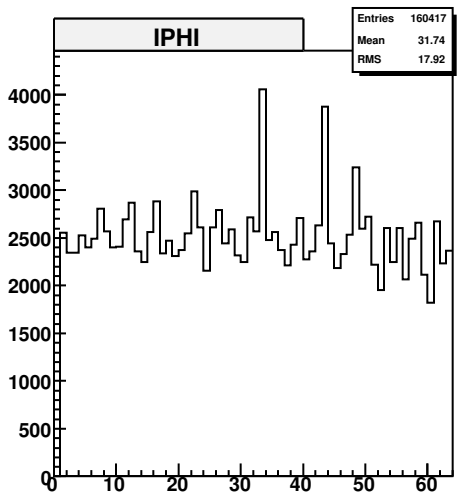
Calorimeter (All cells)

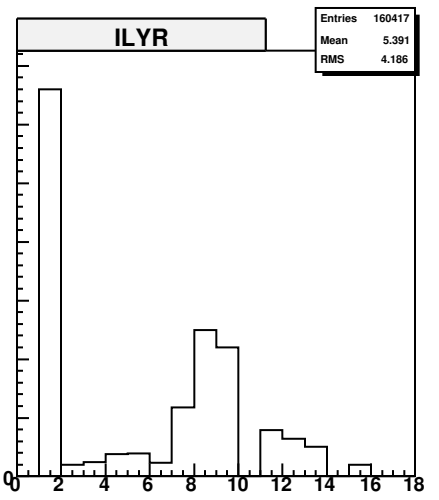


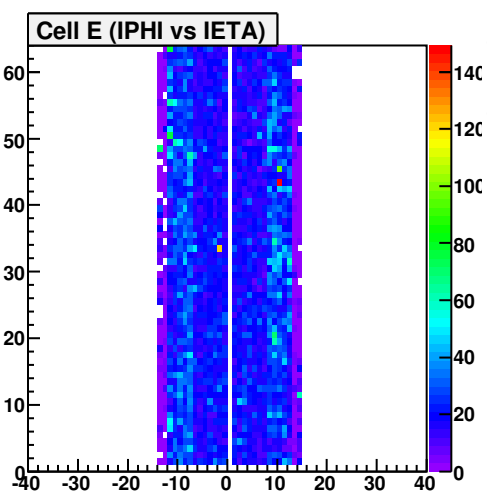


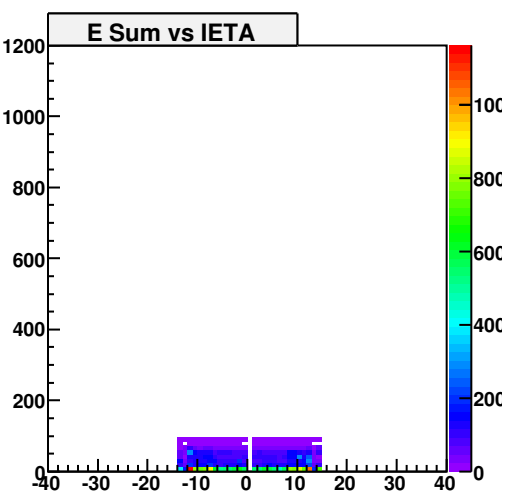


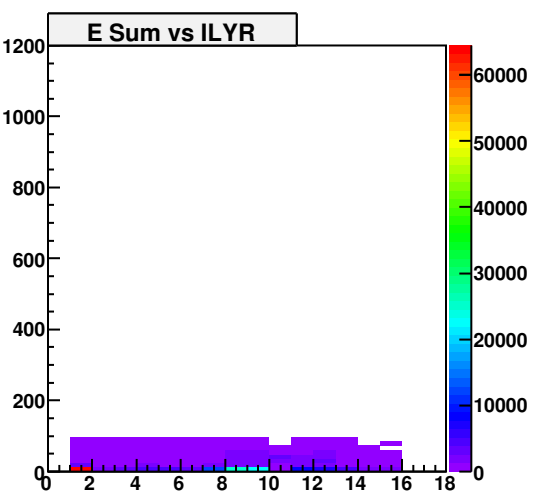




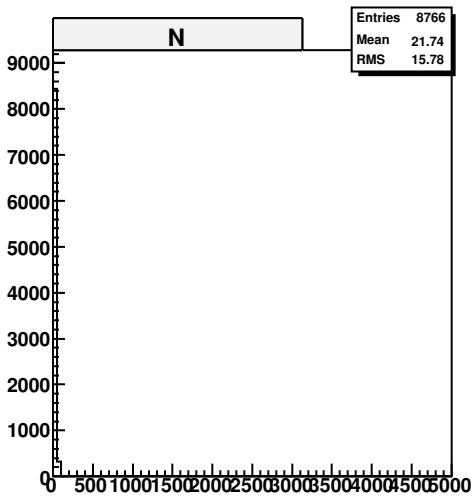


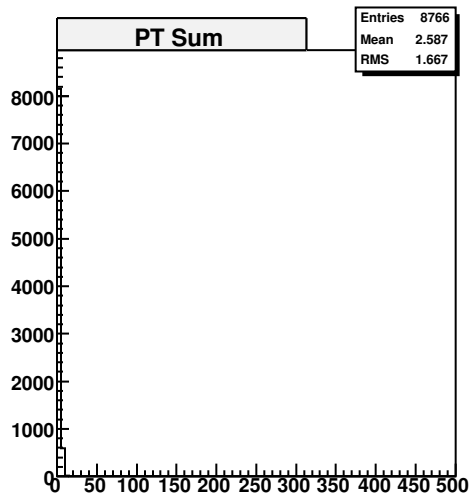


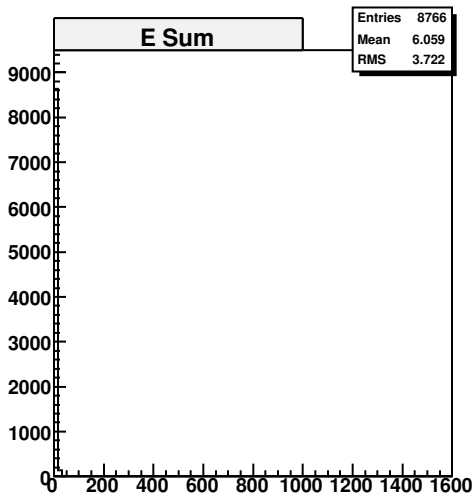


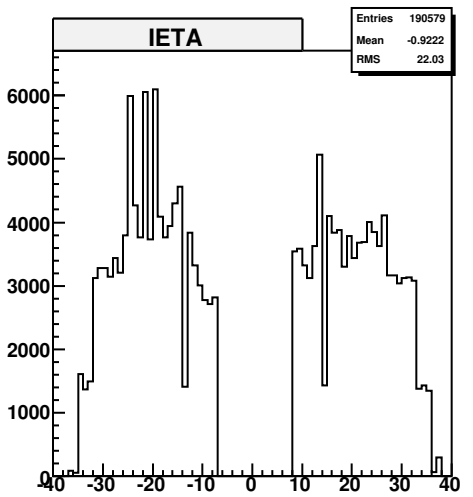


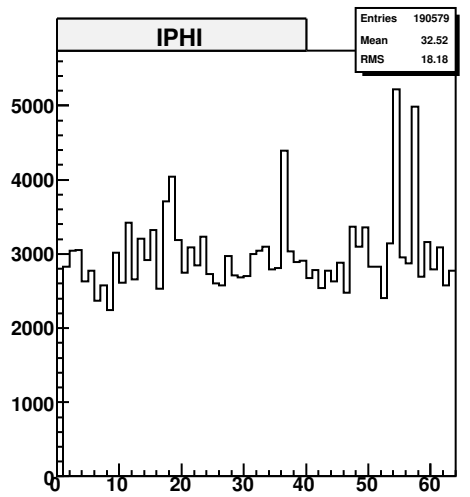
Calorimeter (All CC cells)

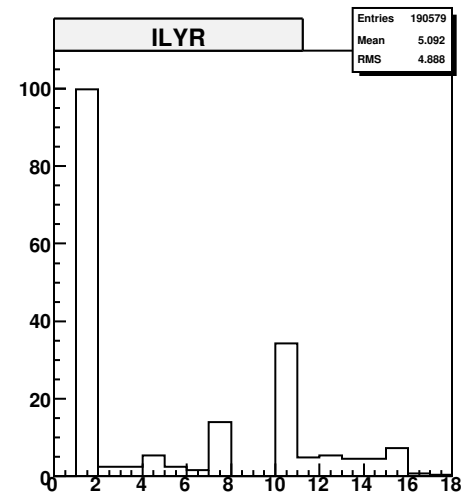


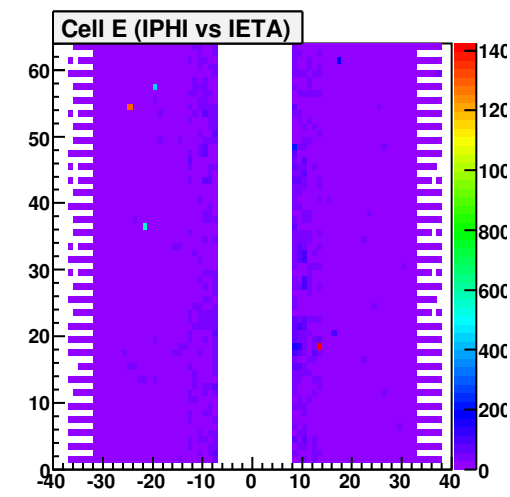


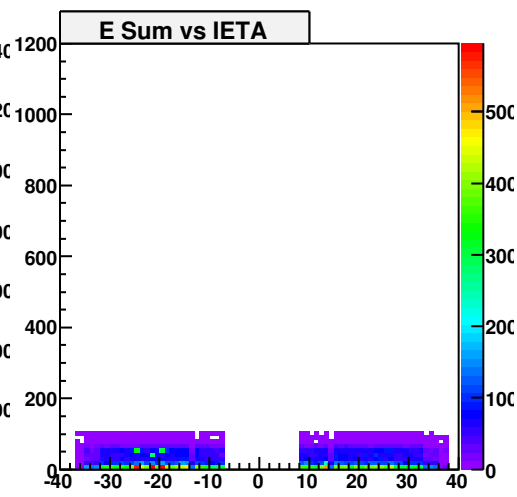


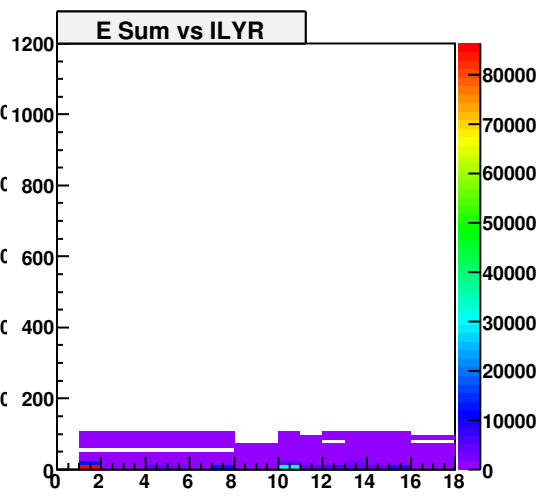




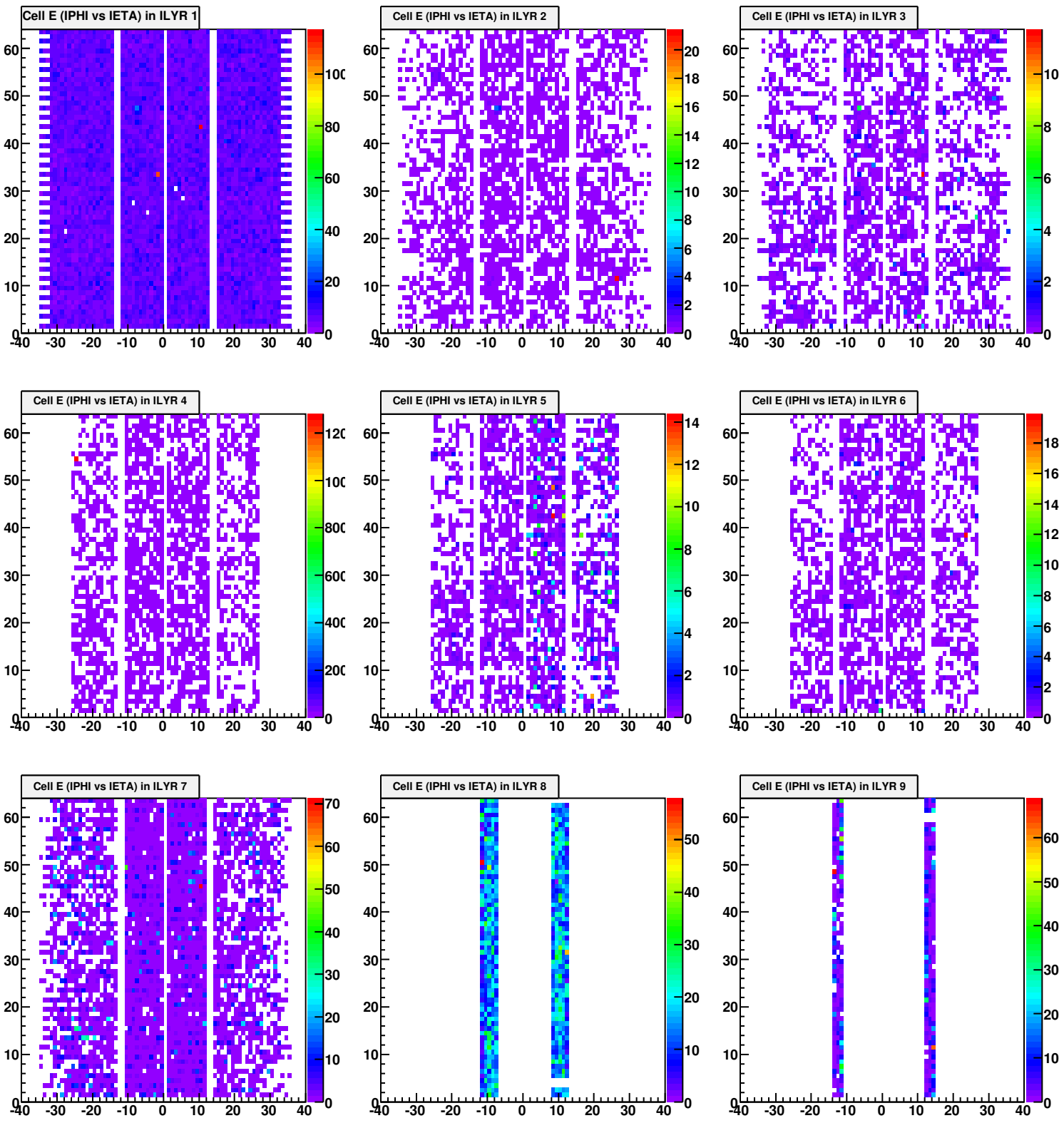




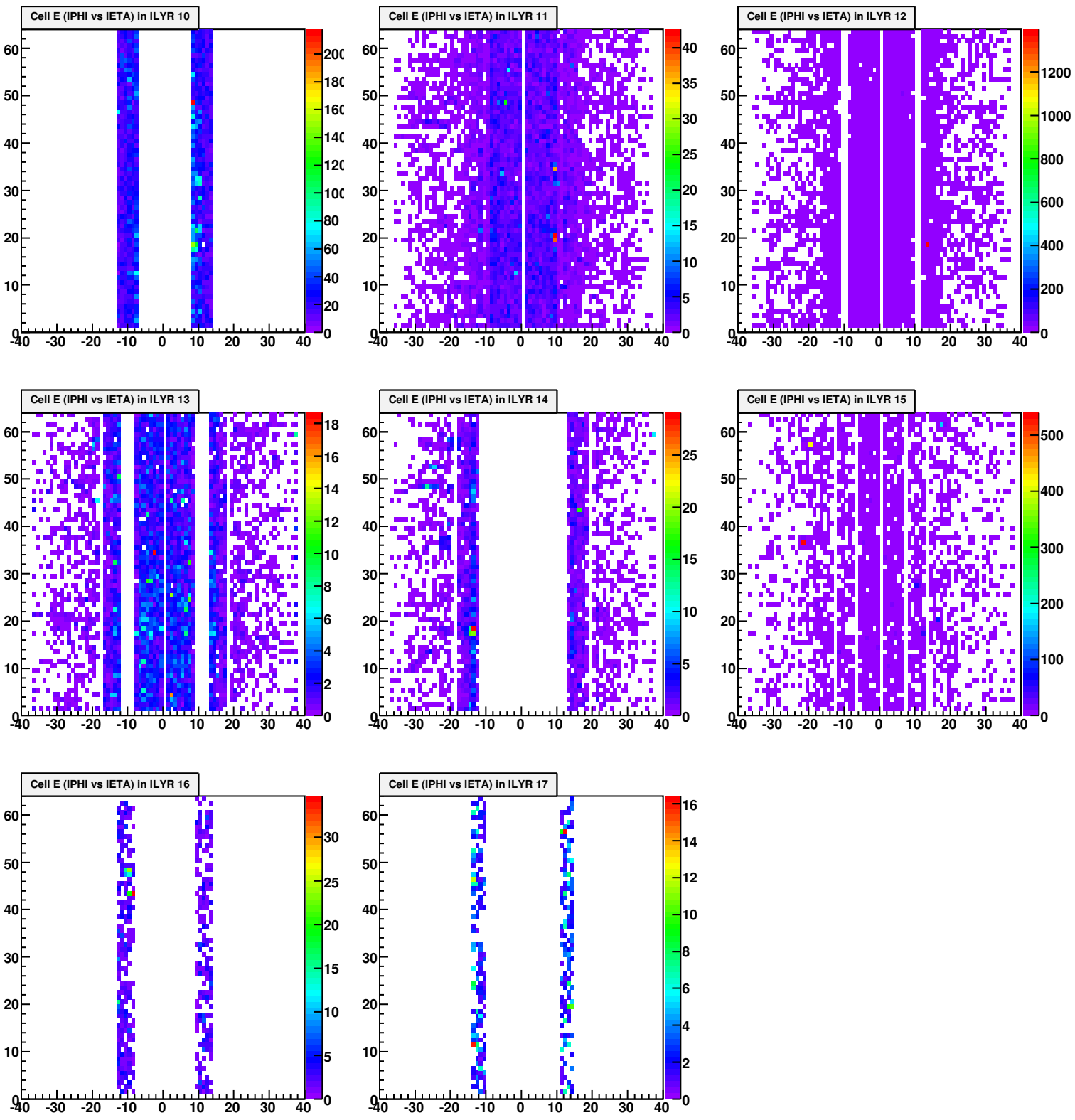




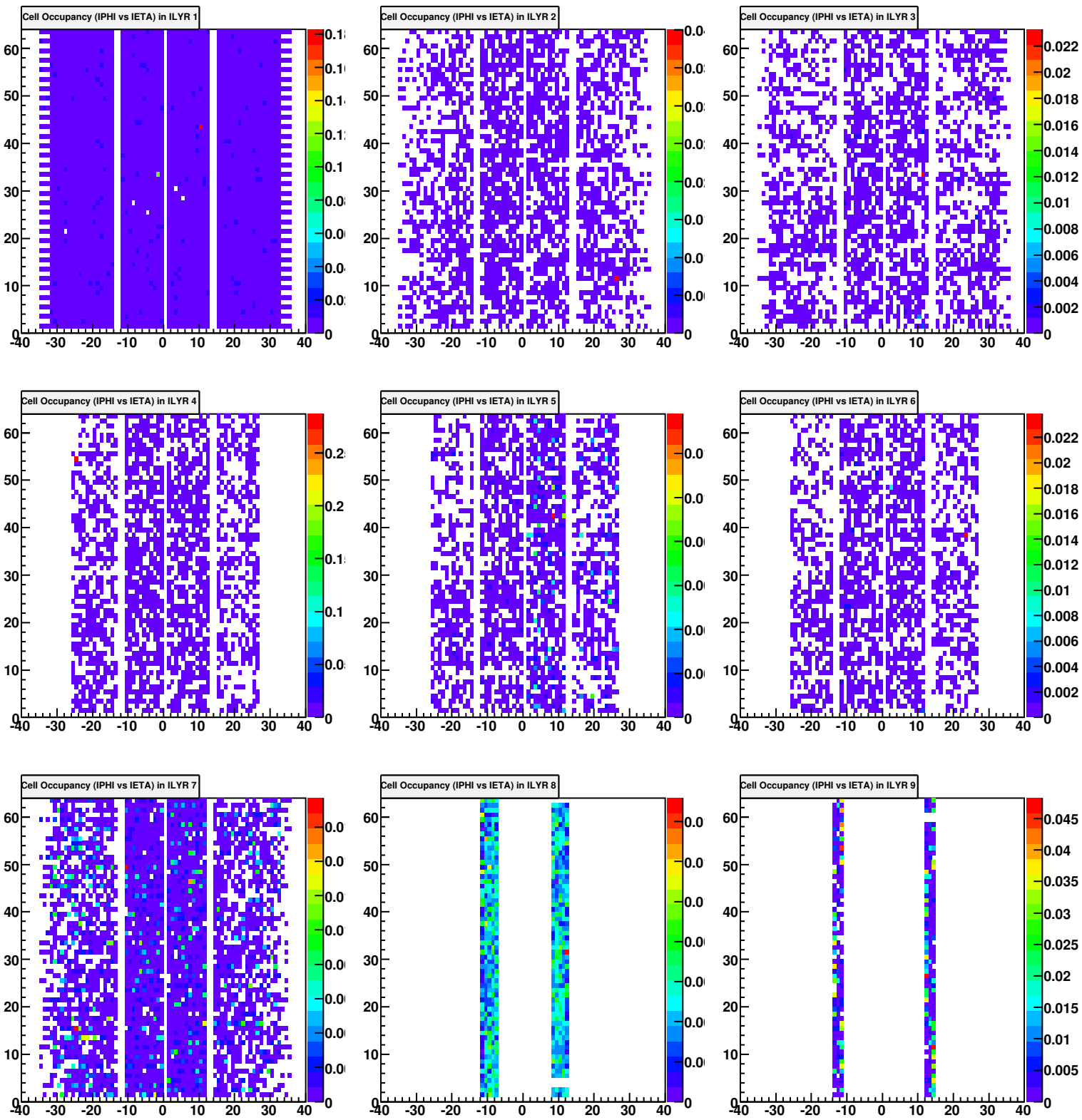
Calorimeter (All EC cells)



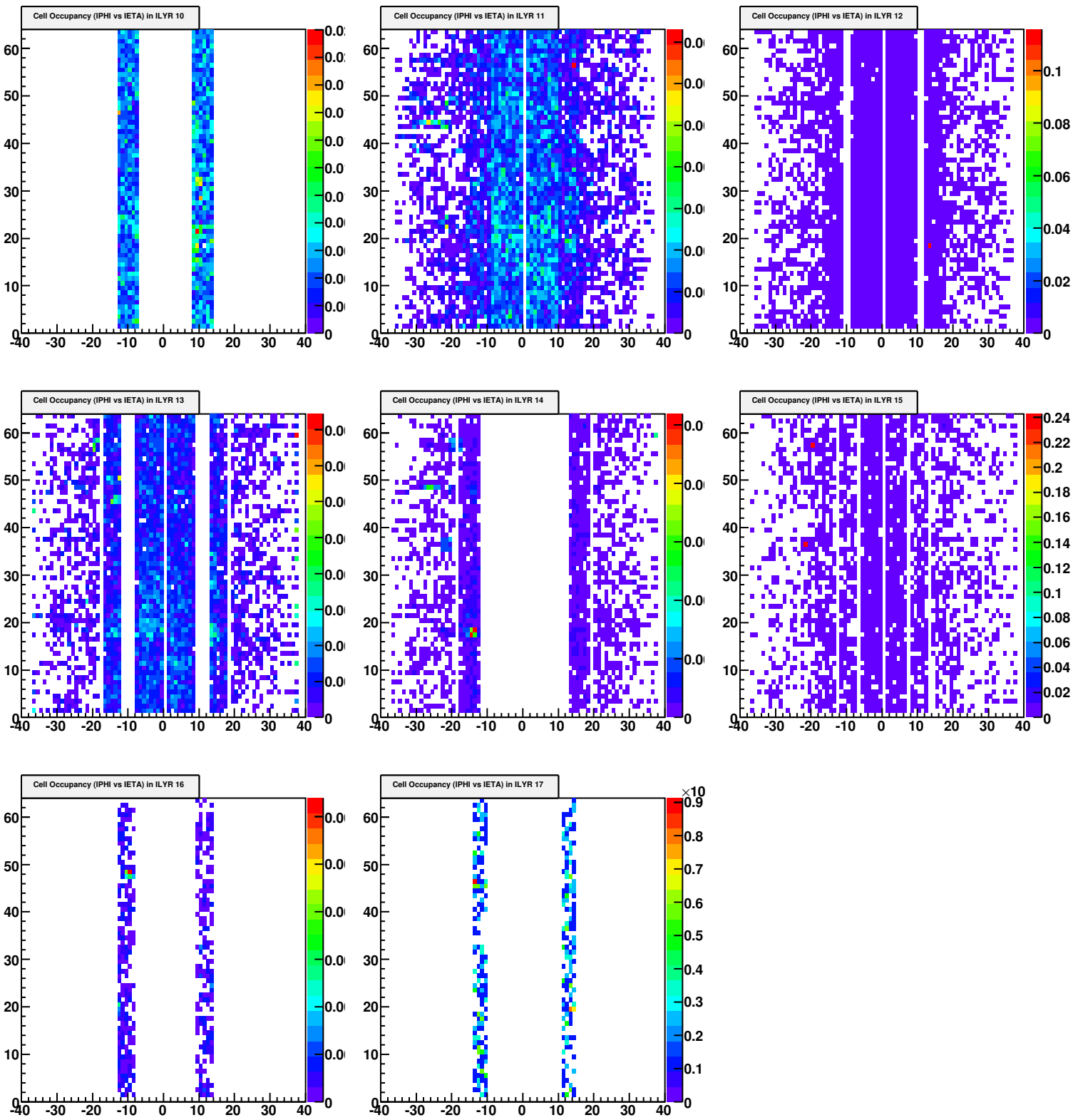
Calorimeter Cell Energy ILYR 1-9 (All cells)



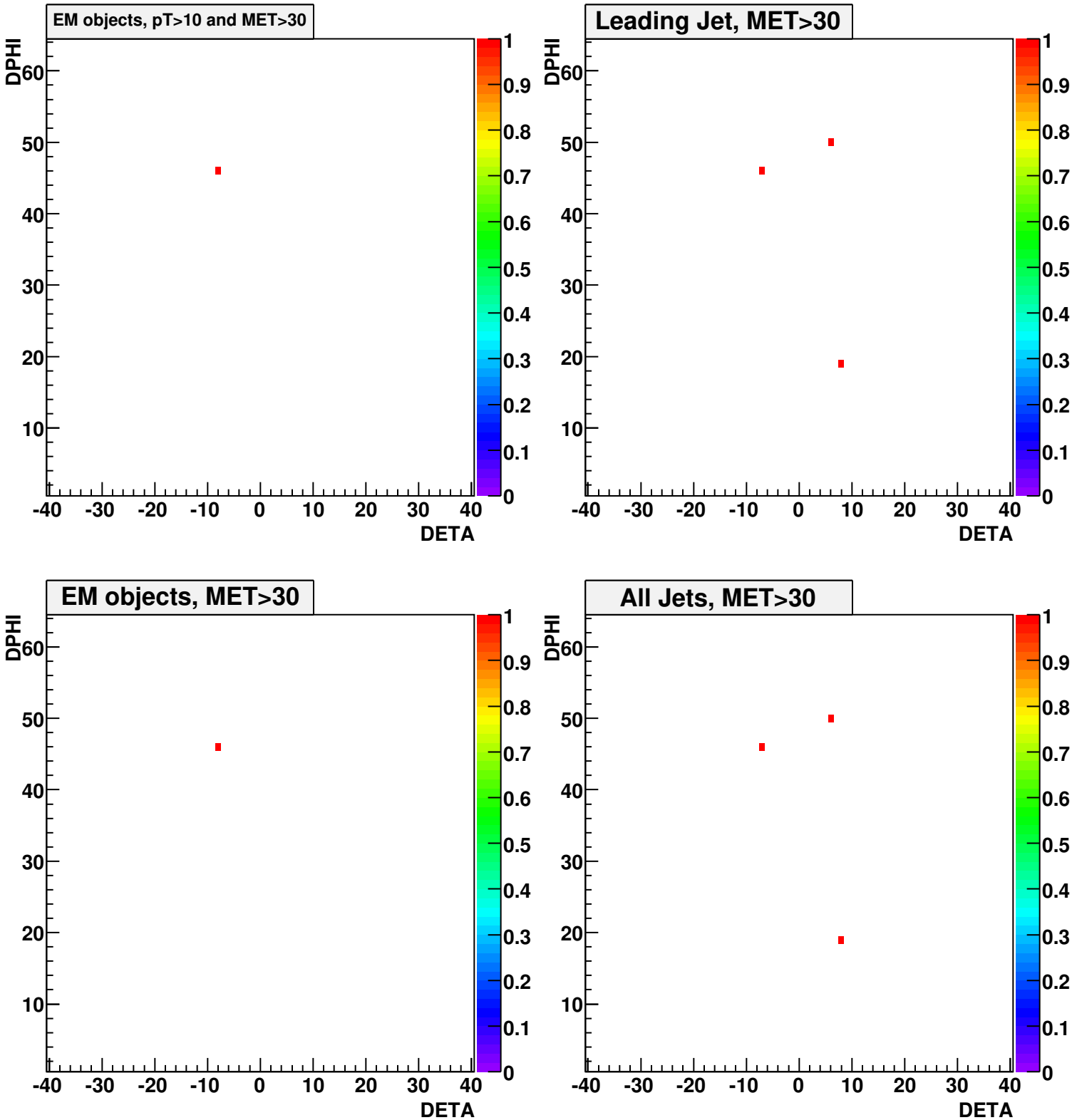
Calorimeter Cell Energy ILYR 10-17 (All cells)



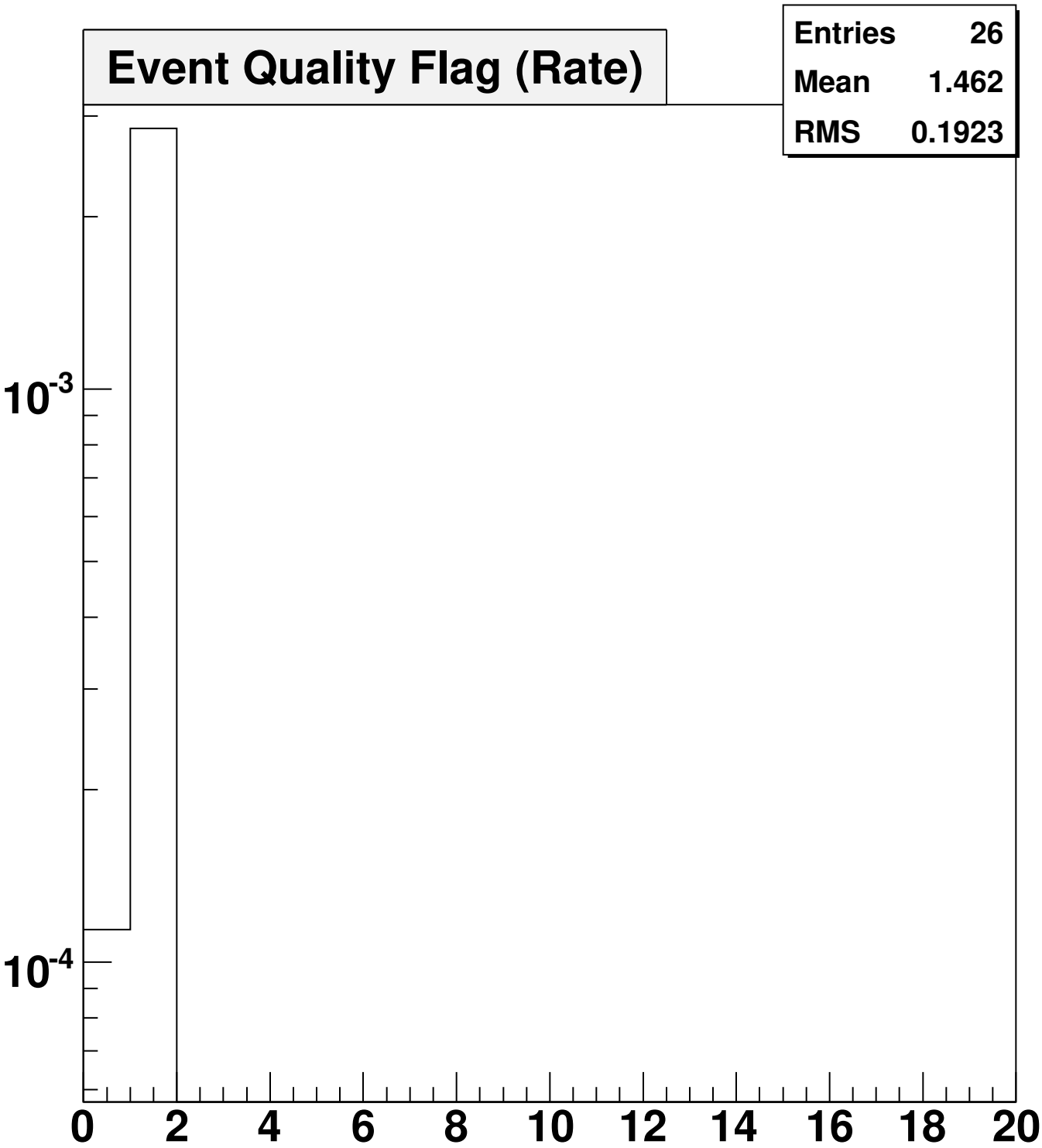
Calorimeter Occupancy ILYR 1-9 (All cells)

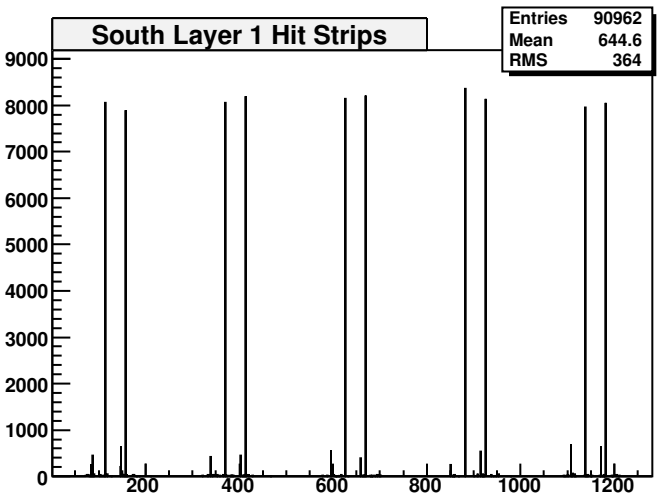


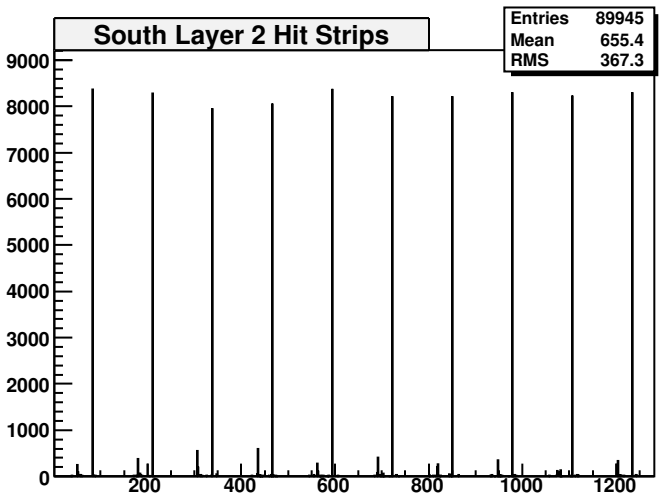
Calorimeter Occupancy ILYR 10-17 (All cells)

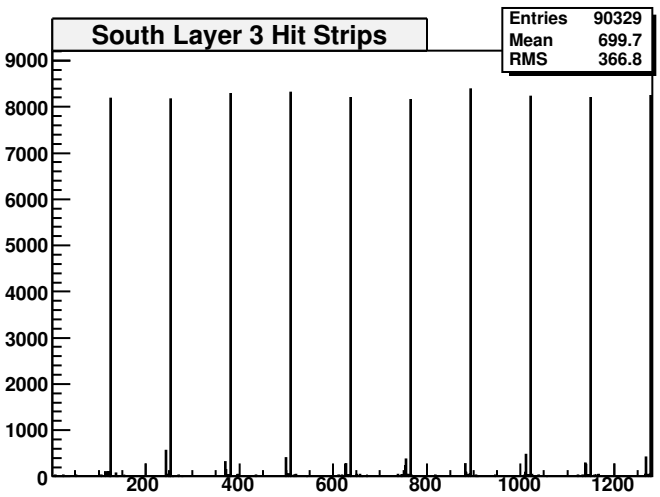


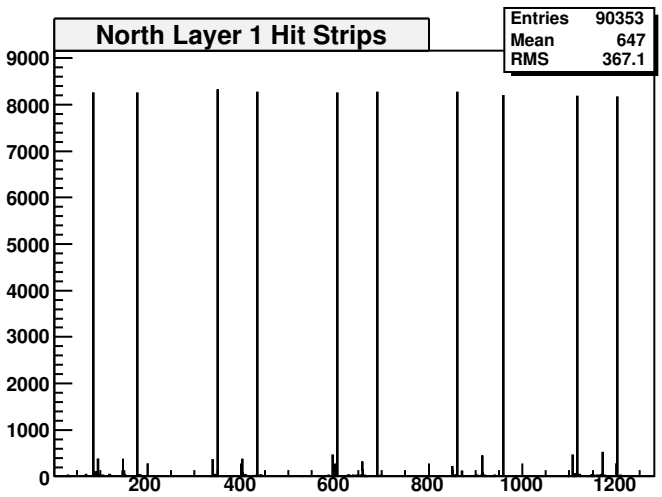
Cal Objects with MET>30 (All cells)

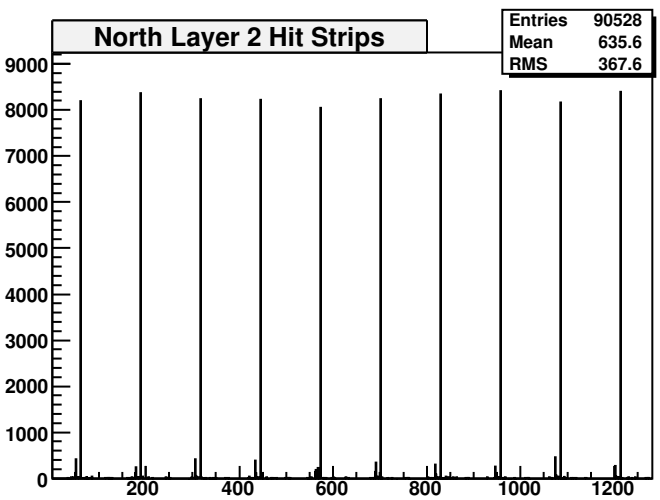

Event Quality Flag (Rate)
Entries 26
Mean 1.462
RMS 0.1923
10^-3
10^-4
0
2
4
6
8
10
12
14
16
18
20
Calorimeter Event Quality (All cells)

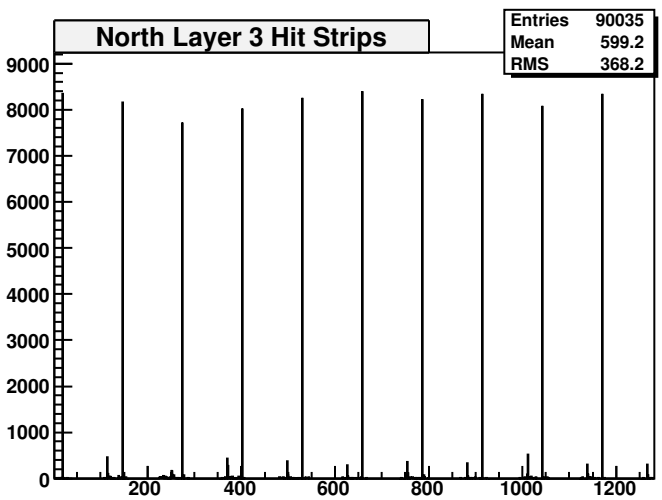




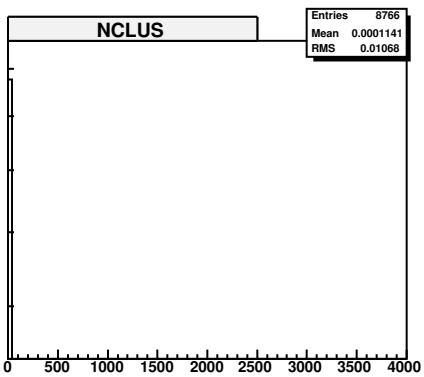


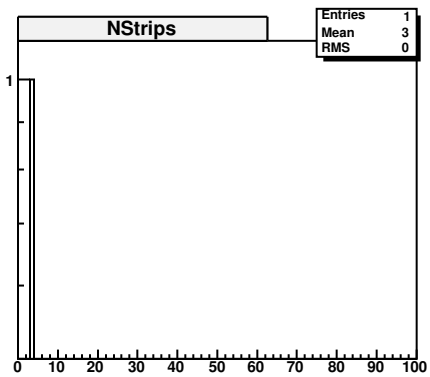


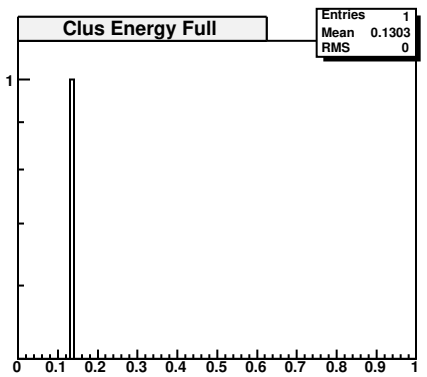


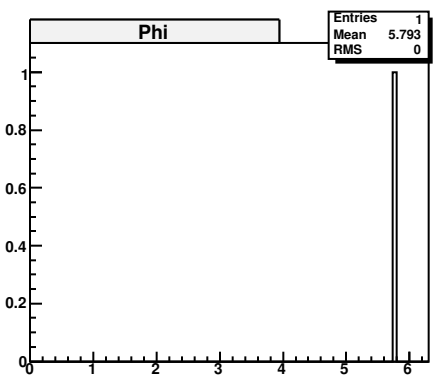


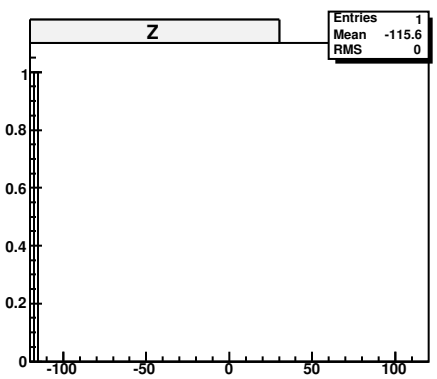
CPS Hit Strips (All Clusters)

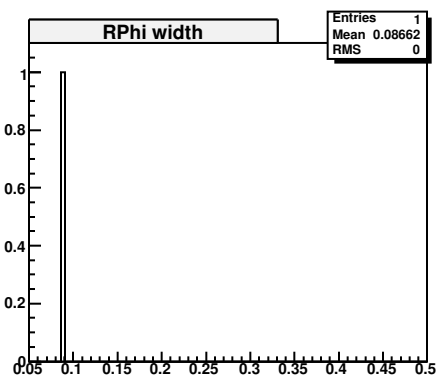


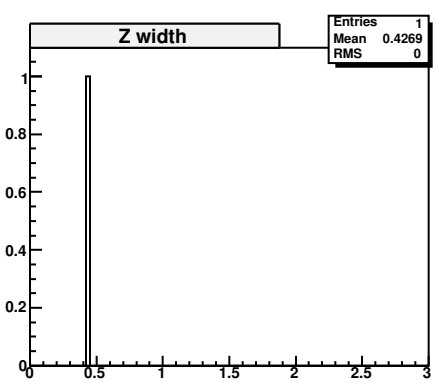


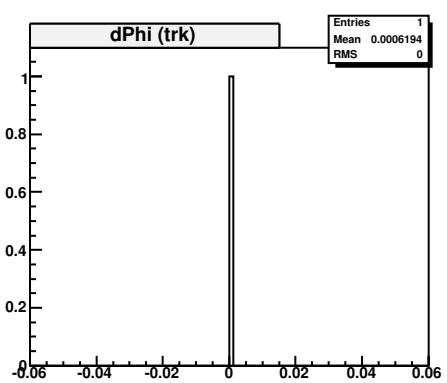


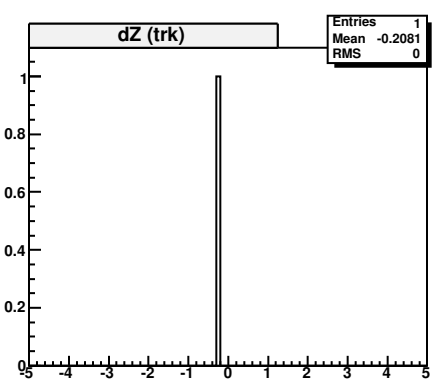


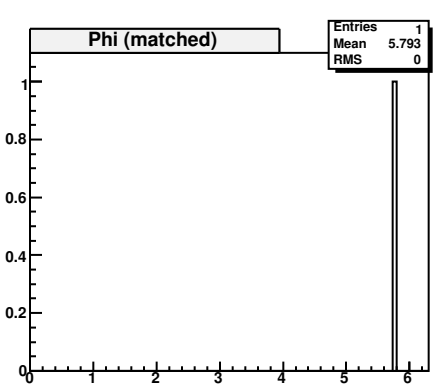


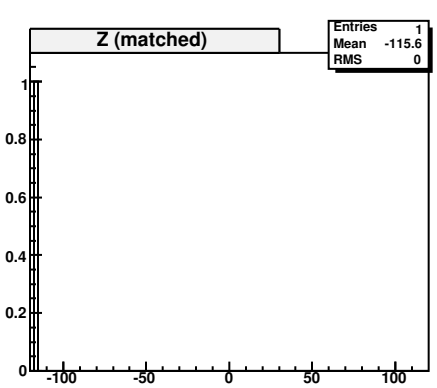




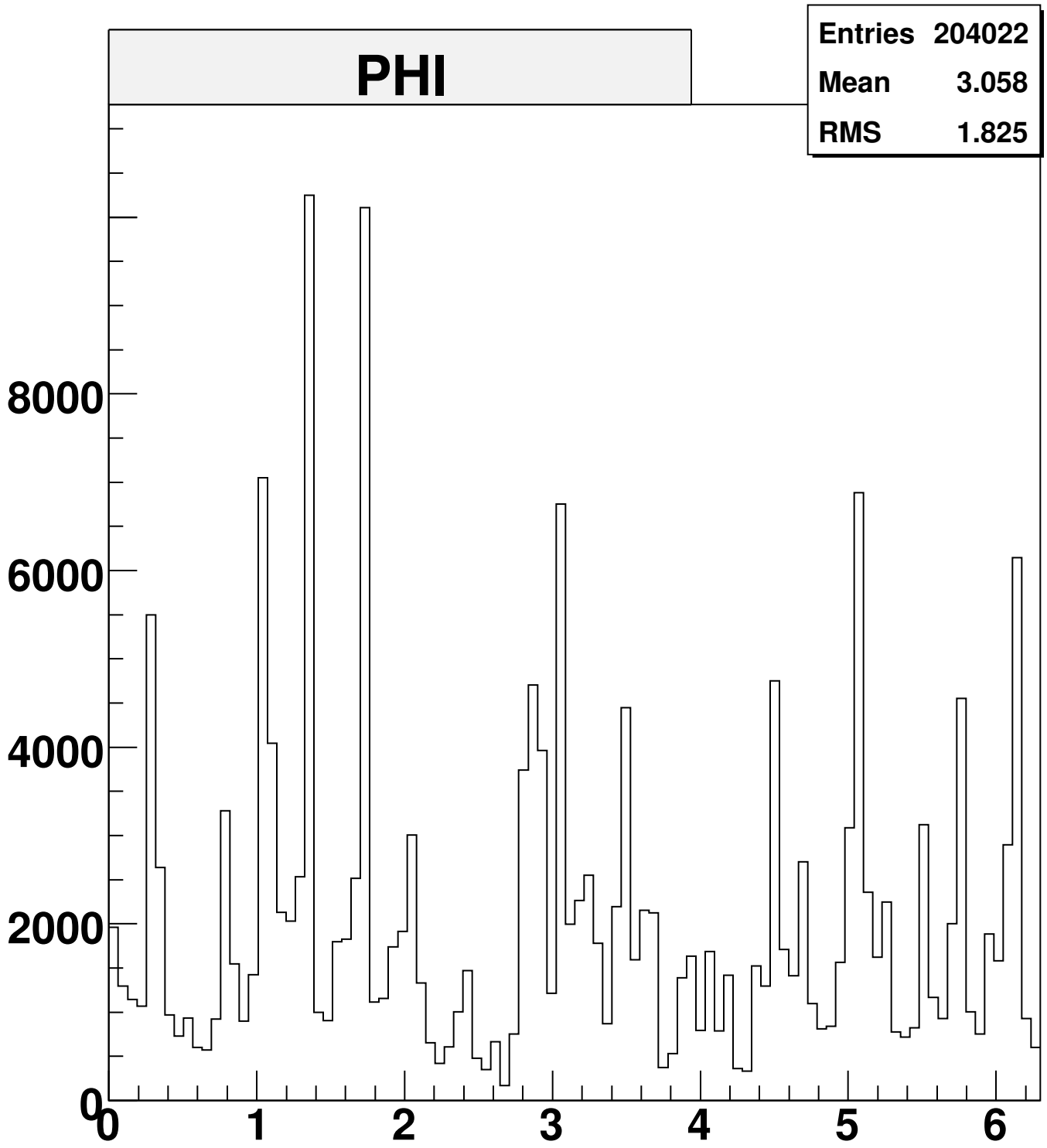


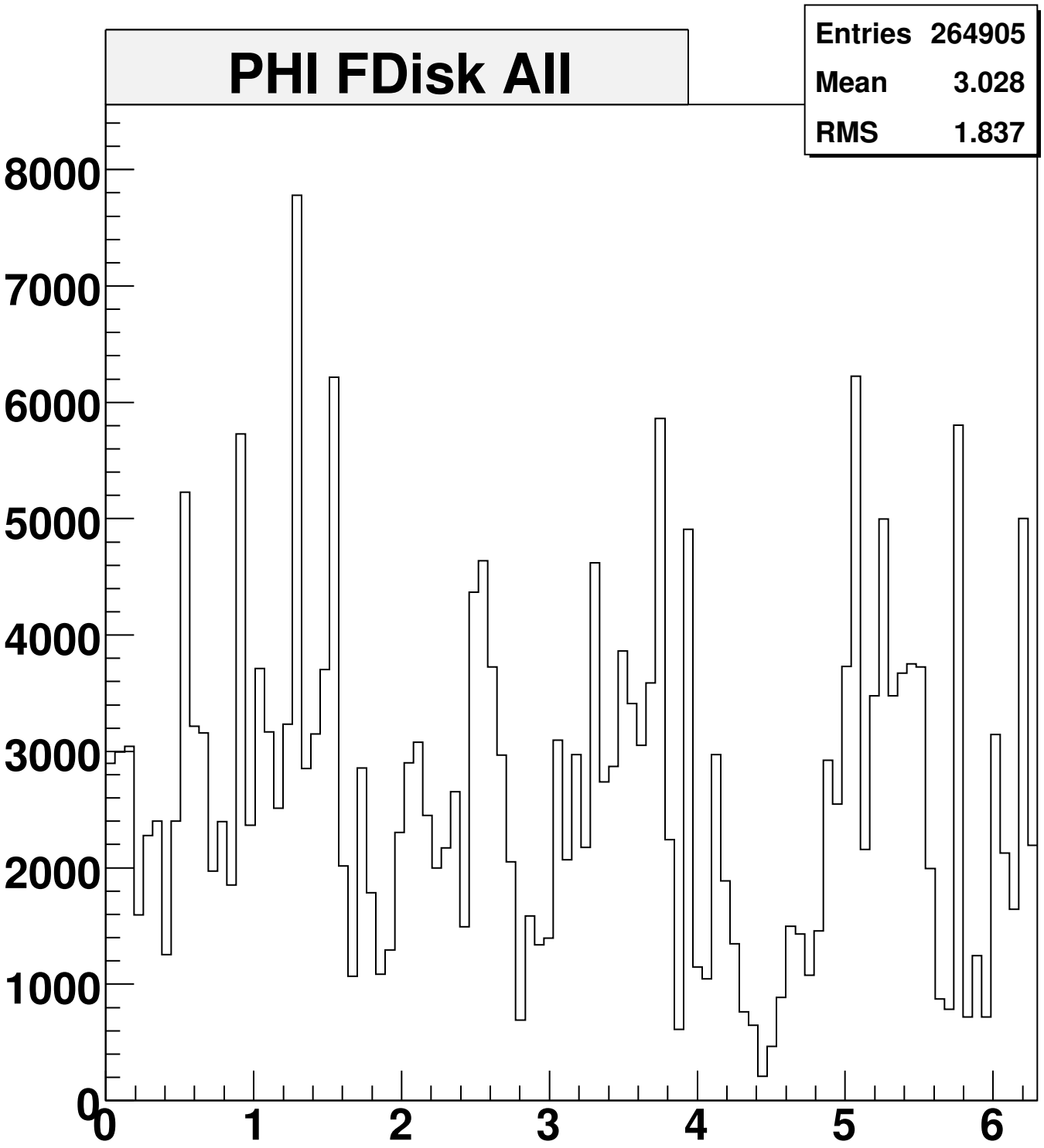


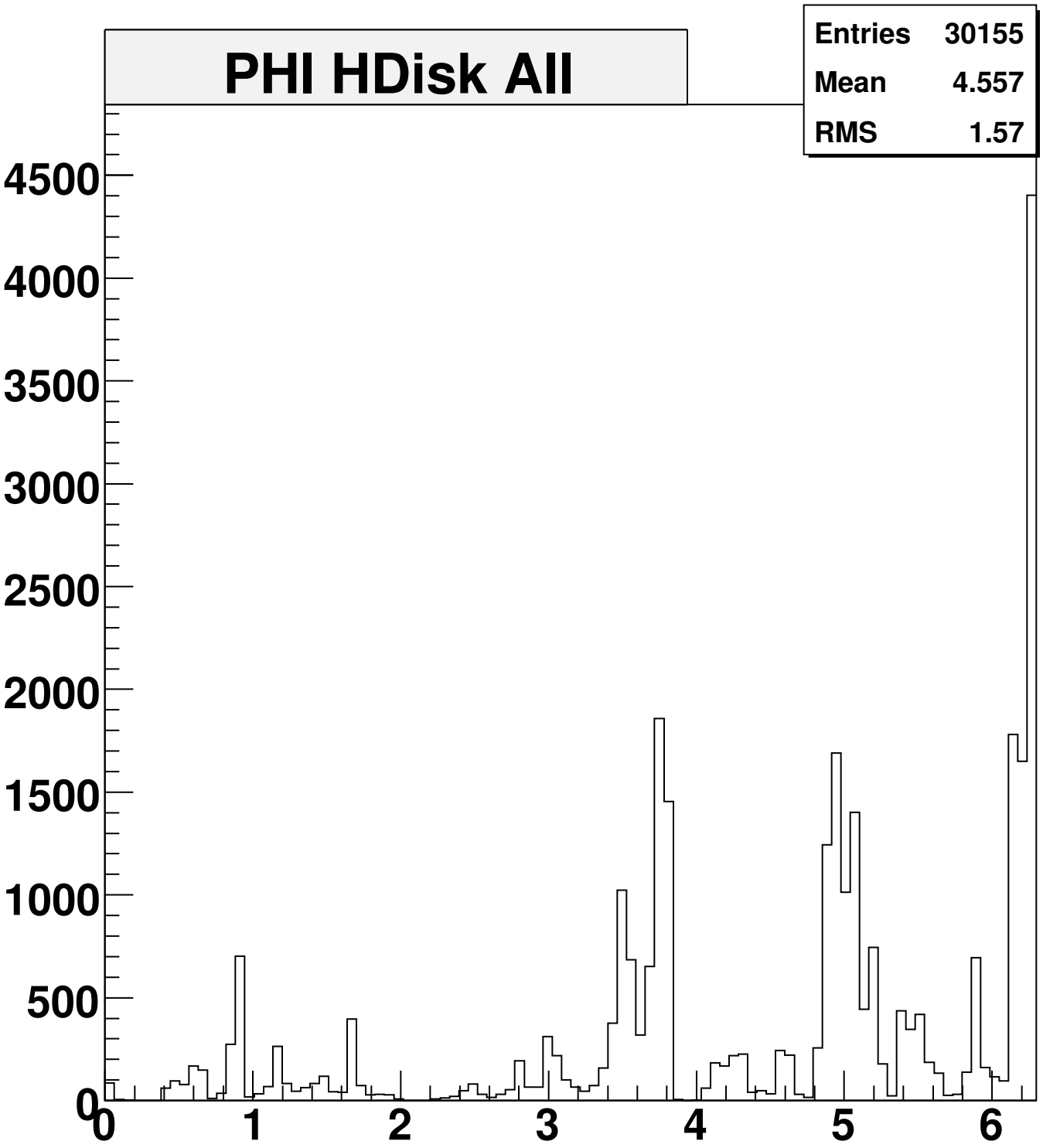


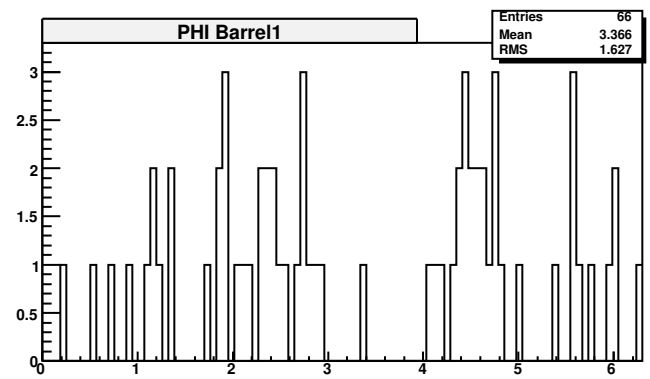


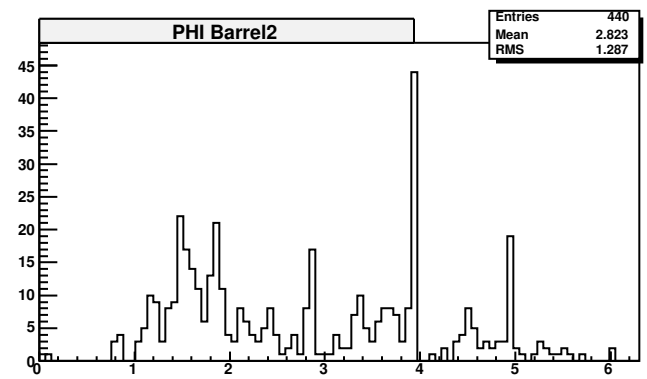
CPS Clusters (All Clusters)

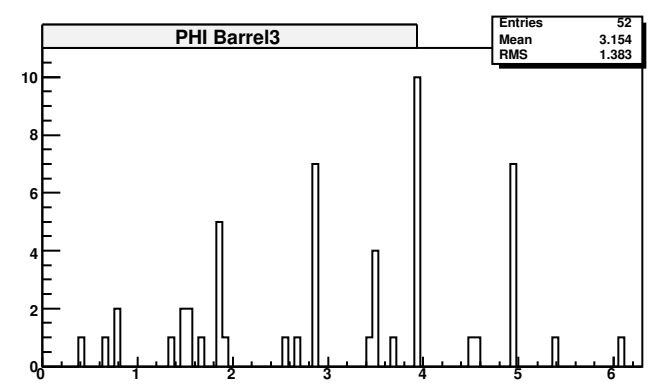

PHI
Entries 204022
Mean 3.058
RMS 1.825
8000
6000
4000
2000
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)

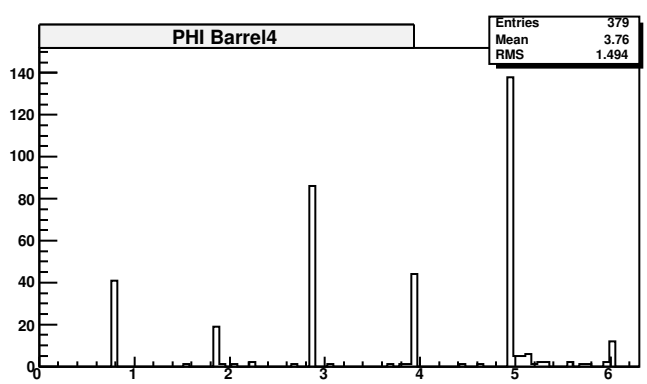

PHI FDisk All
Entries 264905
Mean 3.028
RMS 1.837
8000
7000
6000
5000
4000
3000
2000
1000
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

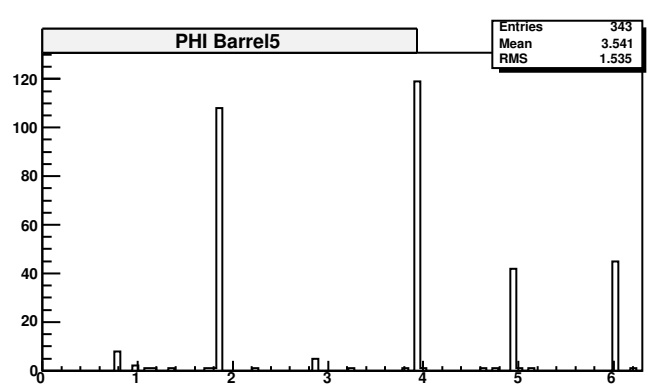

PHI HDisk All
Entries 30155
Mean 4.557
RMS 1.57
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)

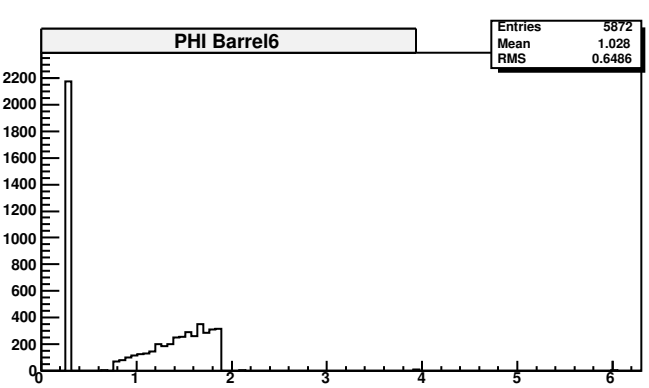


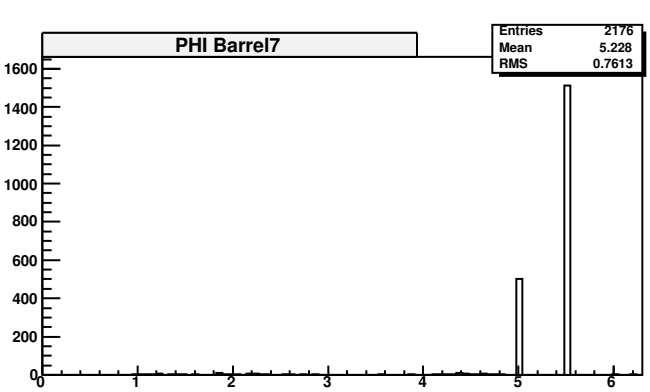


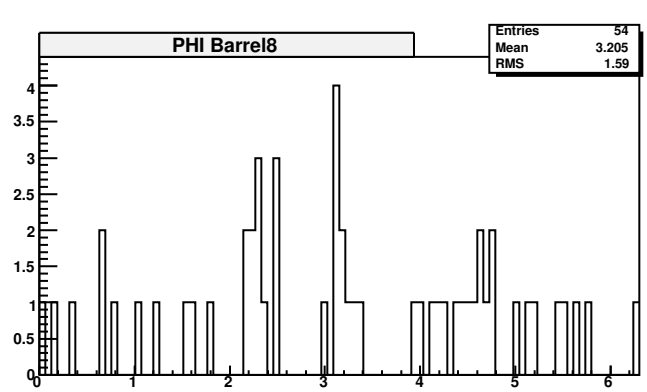




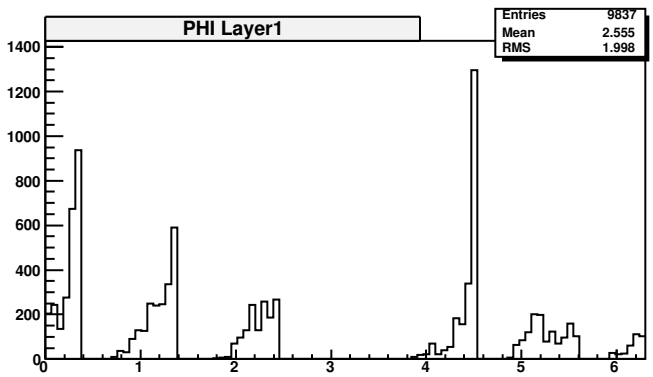


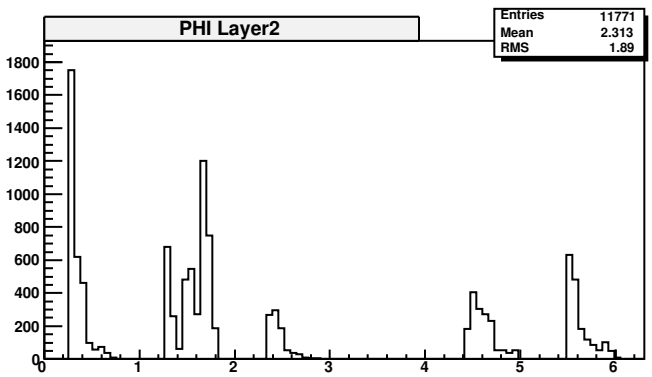


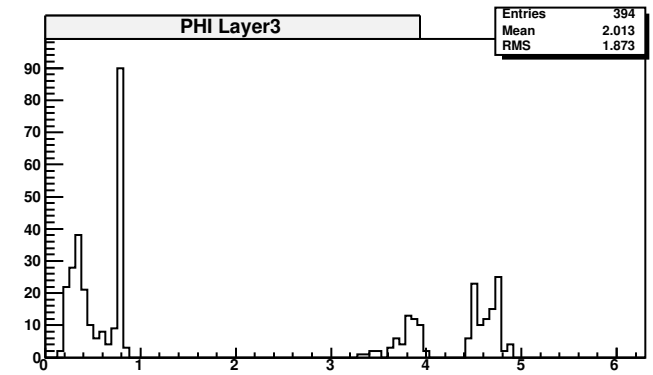


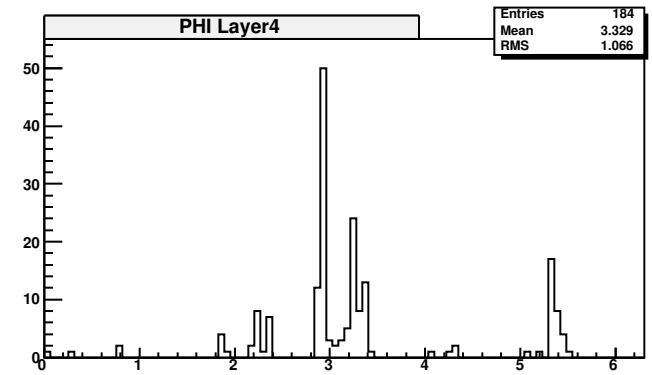


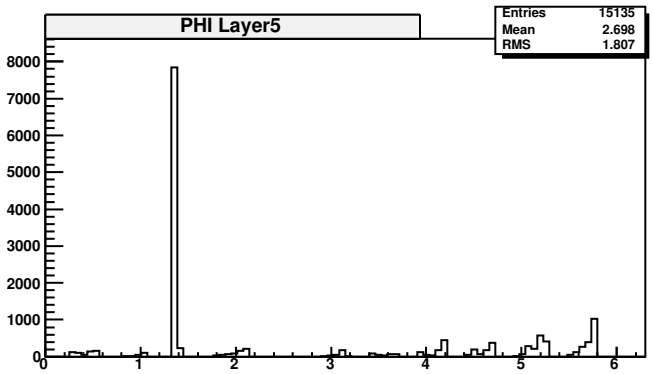
SmtClusters (ClustrLayer0)

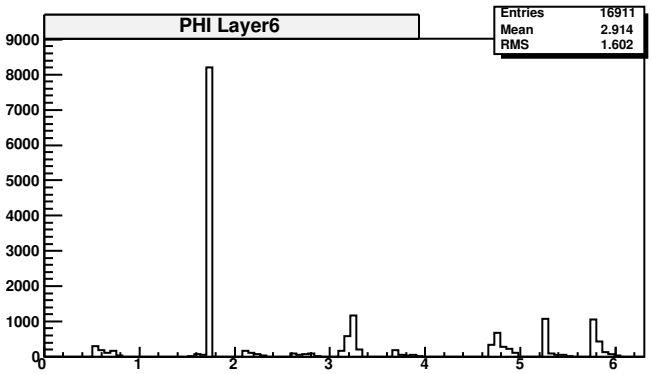


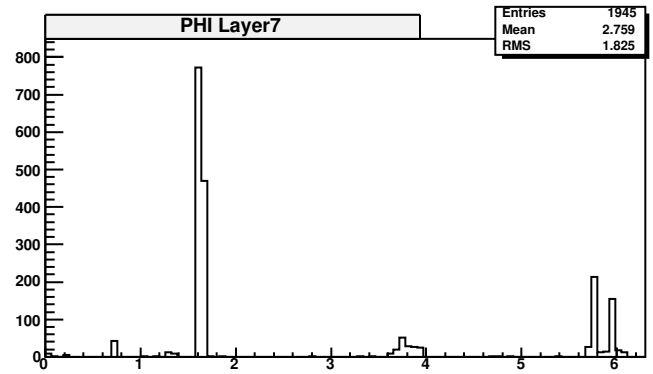


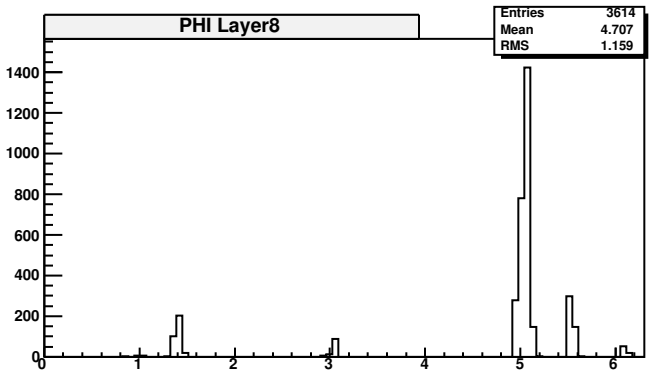




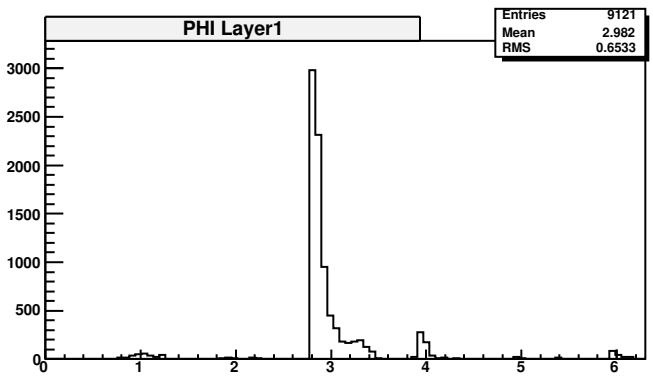


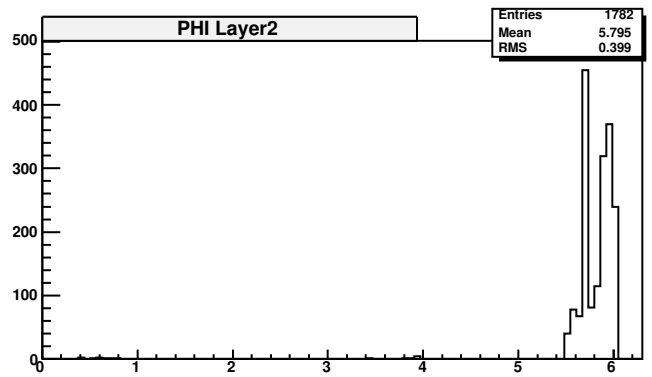


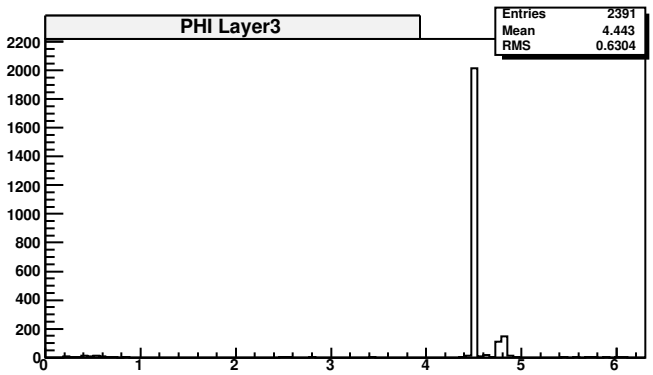


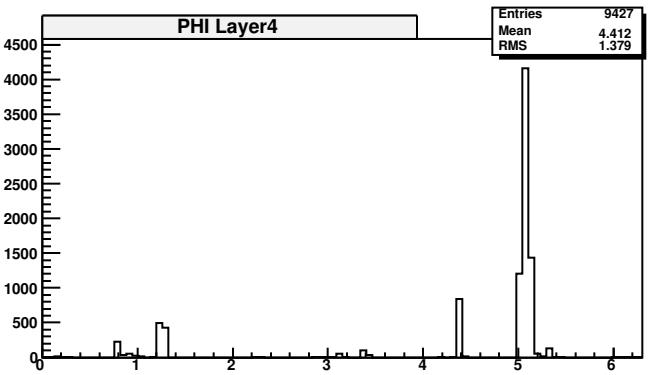


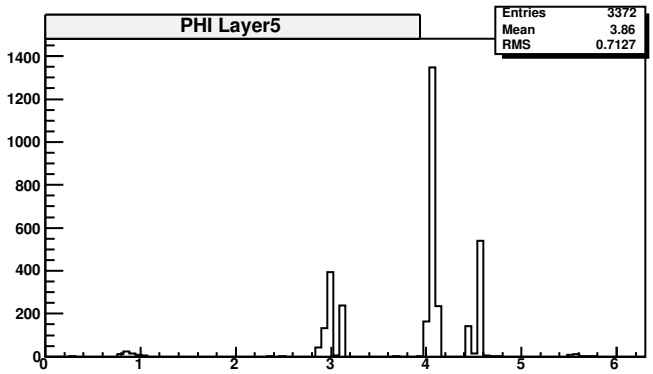
SmtClusters (ClustrBar1)

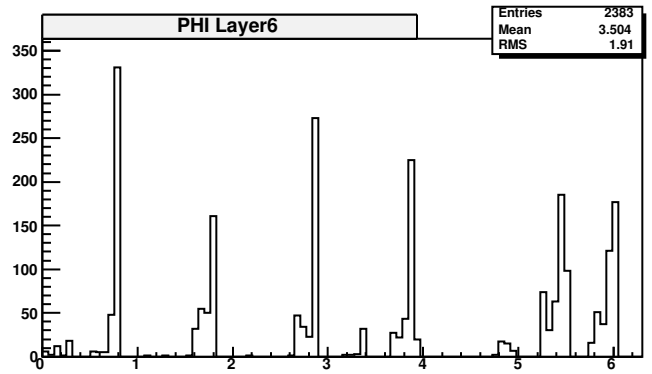


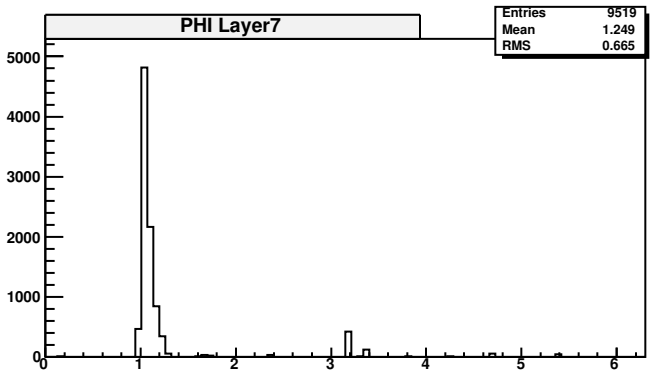


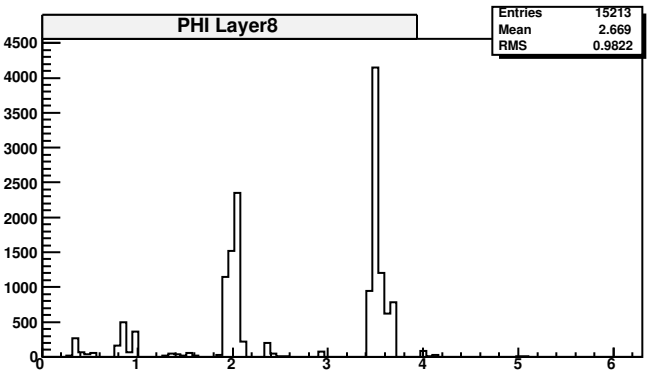




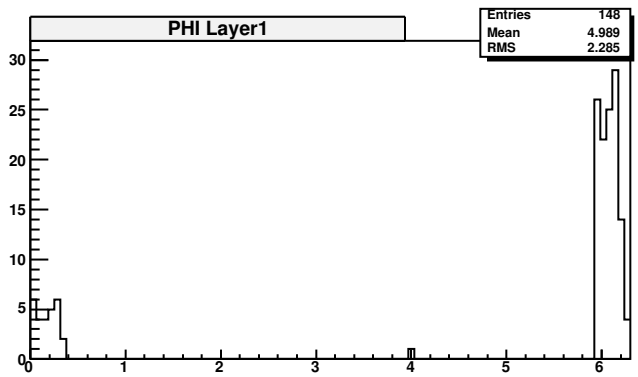


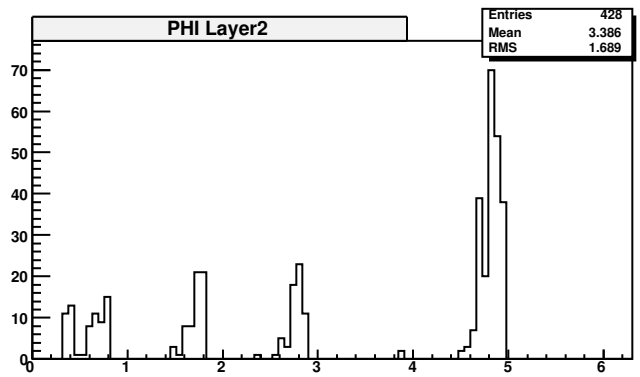


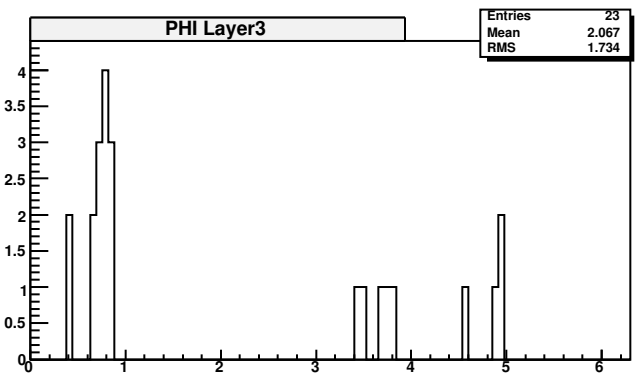


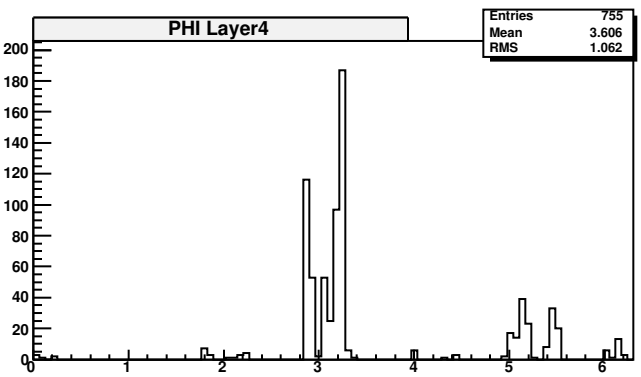


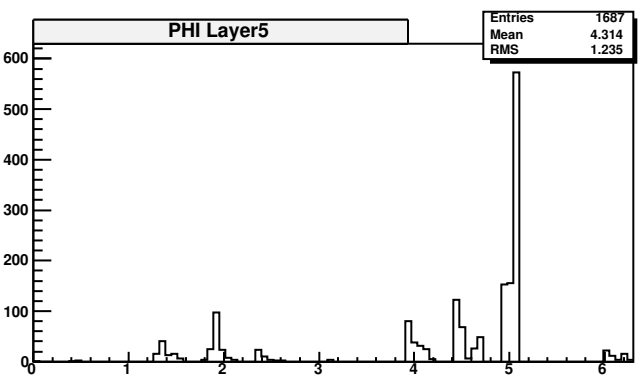
SmtClusters (ClustrBar2)

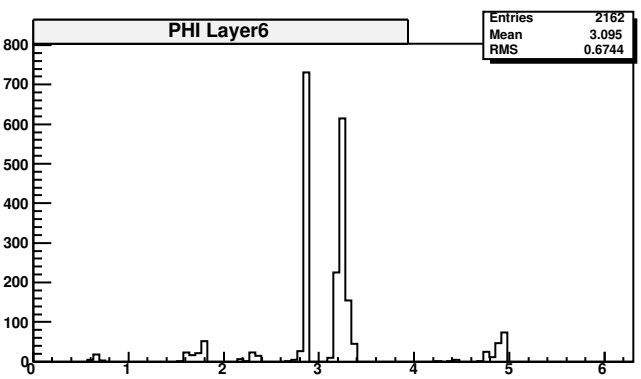


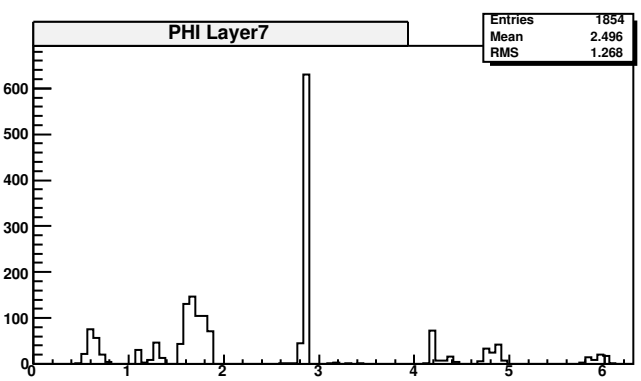


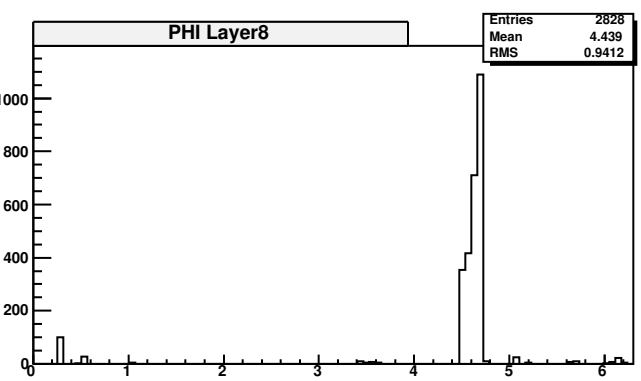




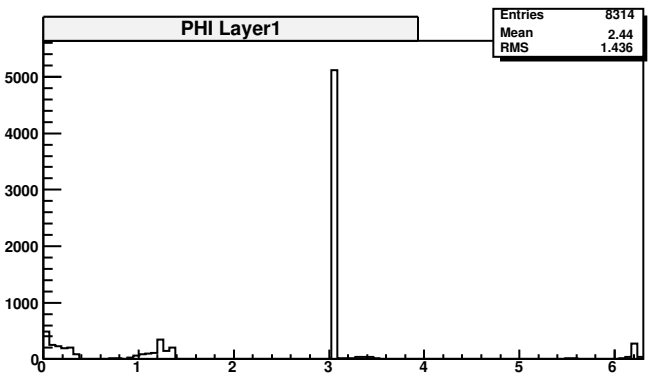


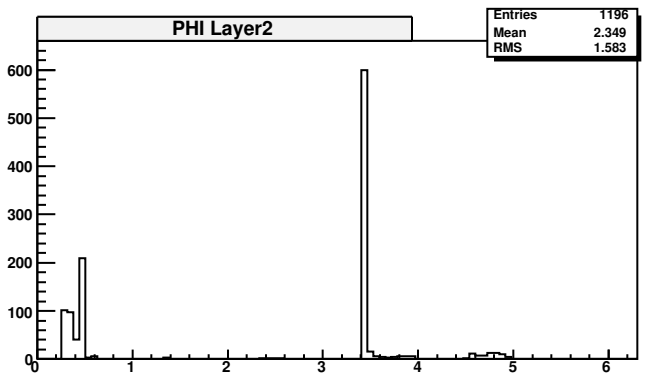


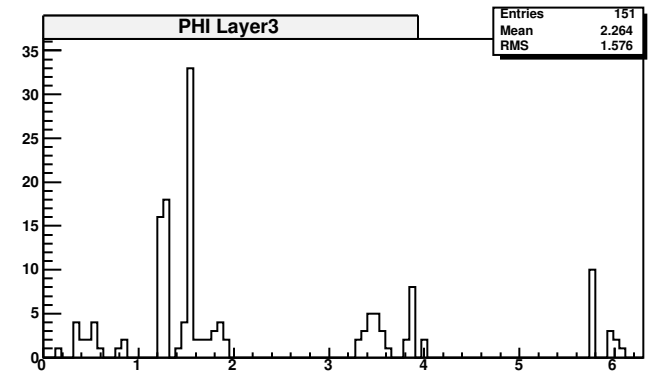


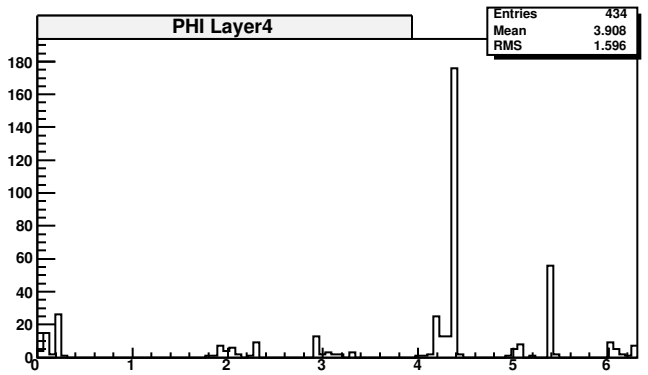


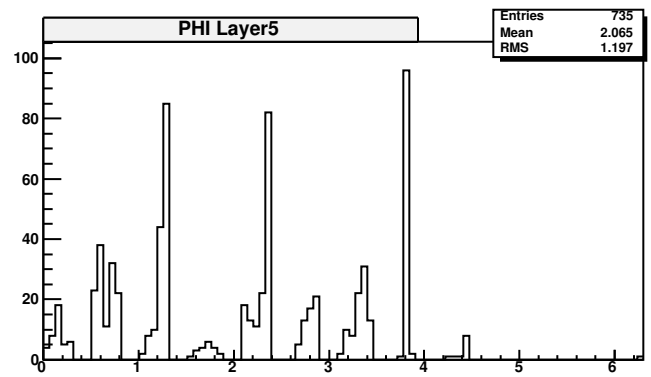
SmtClusters (ClustrBar3)

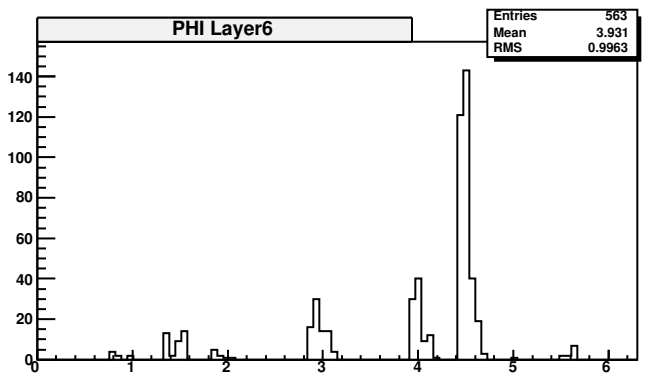


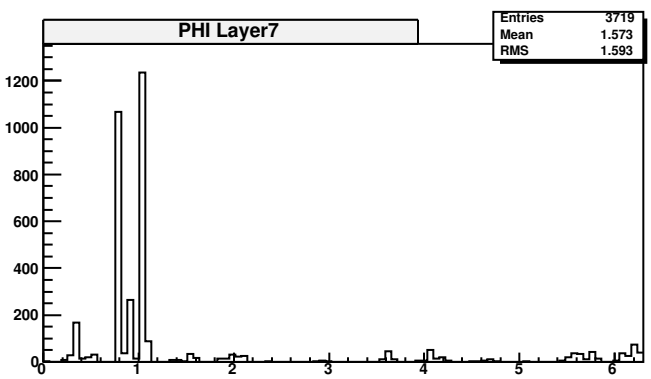


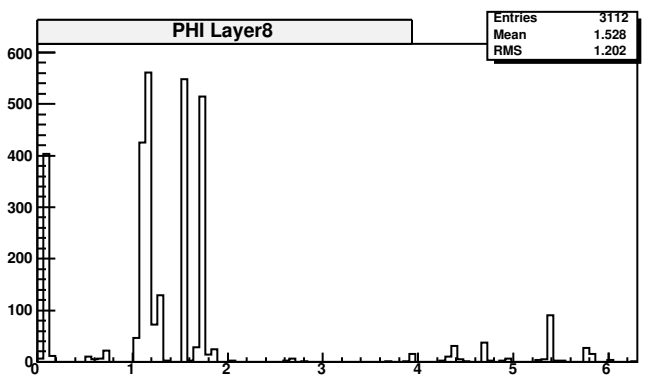




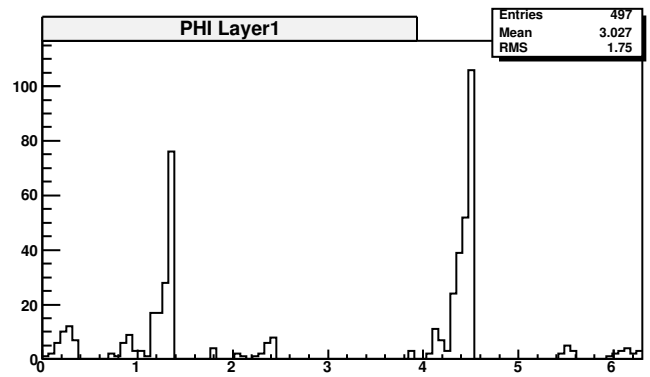


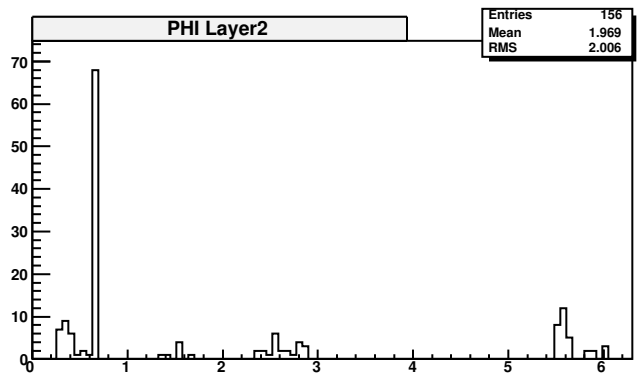


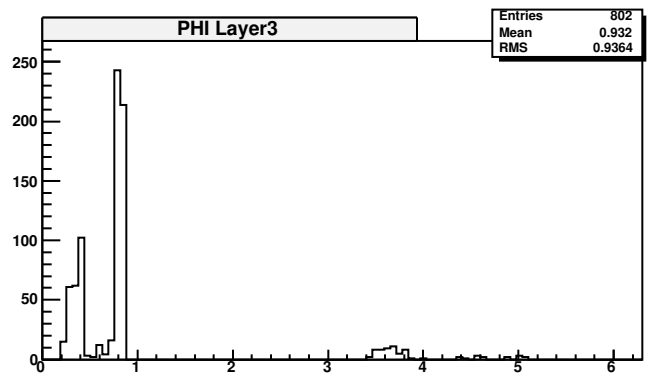


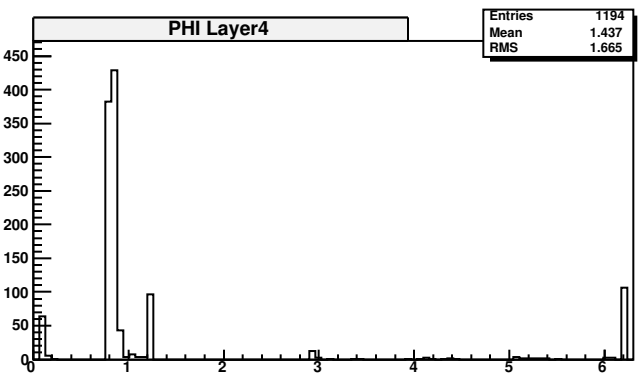


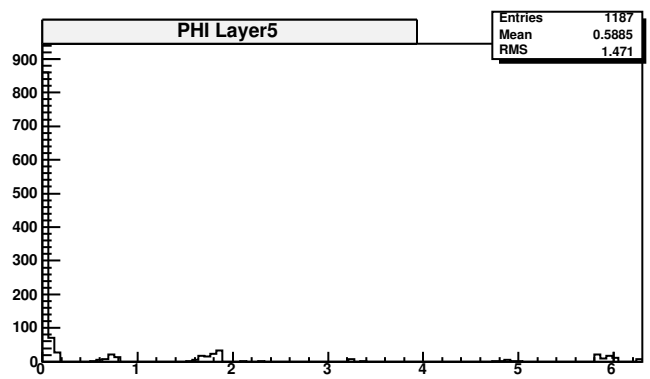
SmtClusters (ClustrBar4)

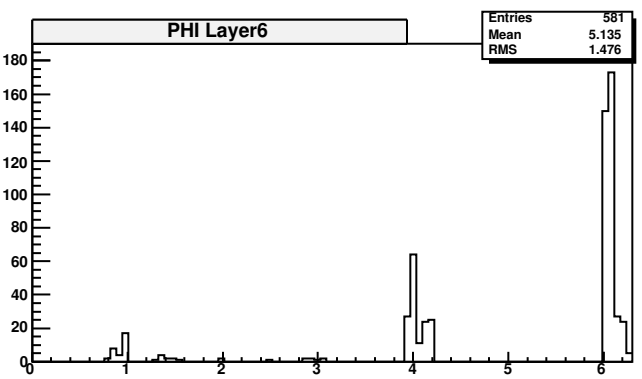


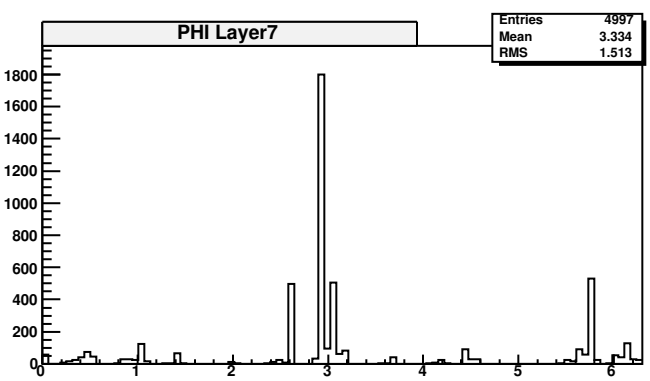


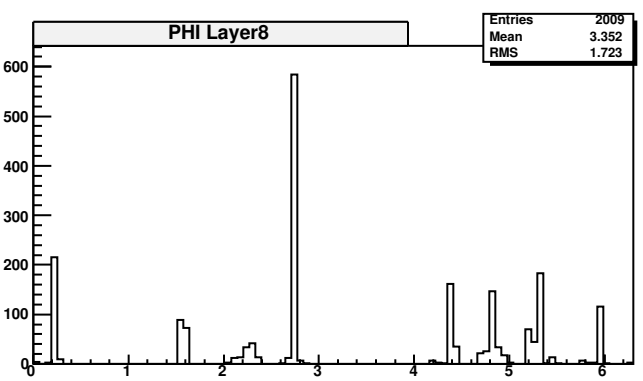




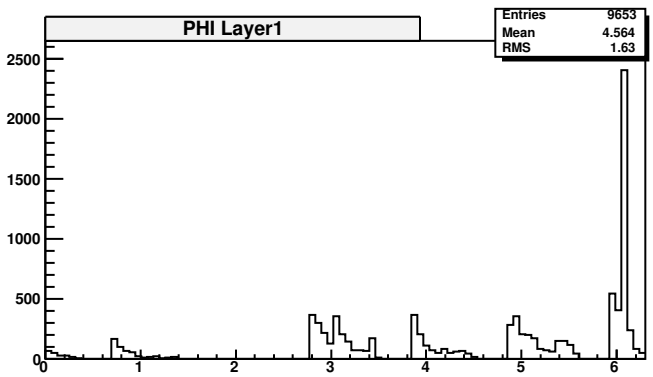


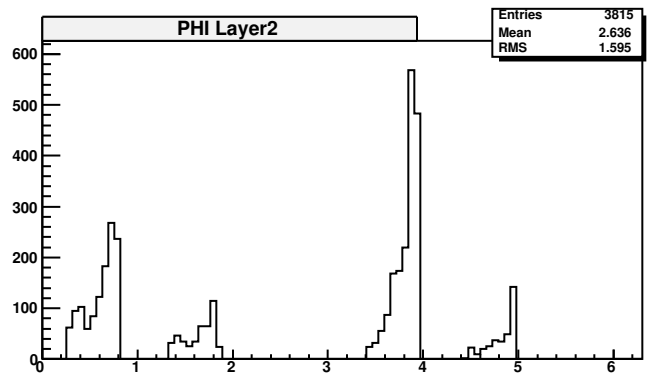


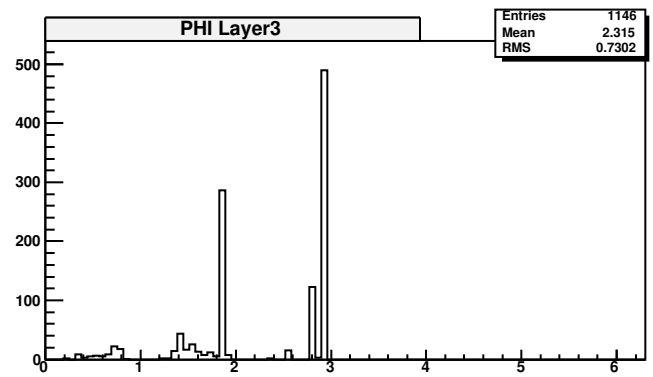


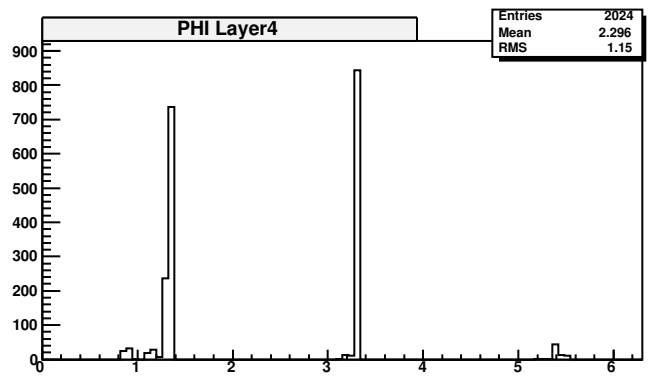


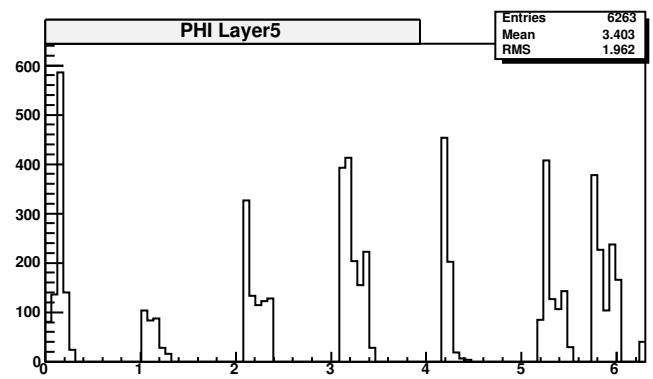
SmtClusters (ClustrBar5)

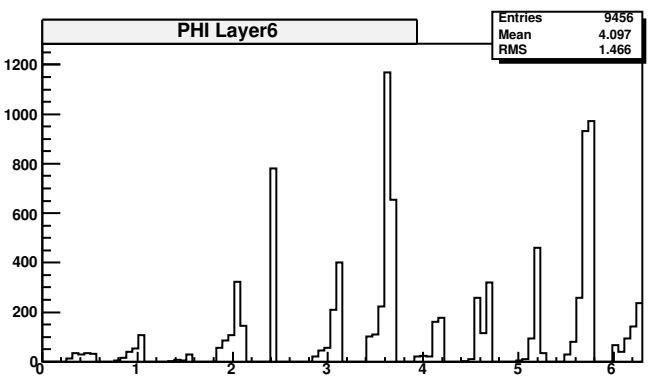


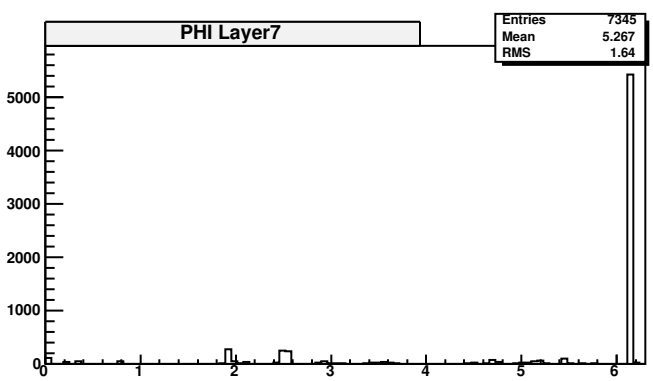


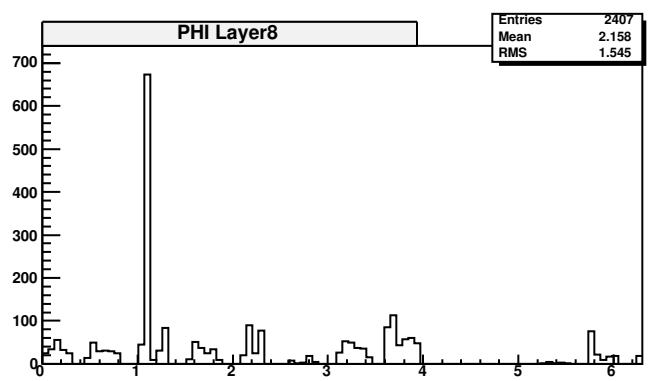




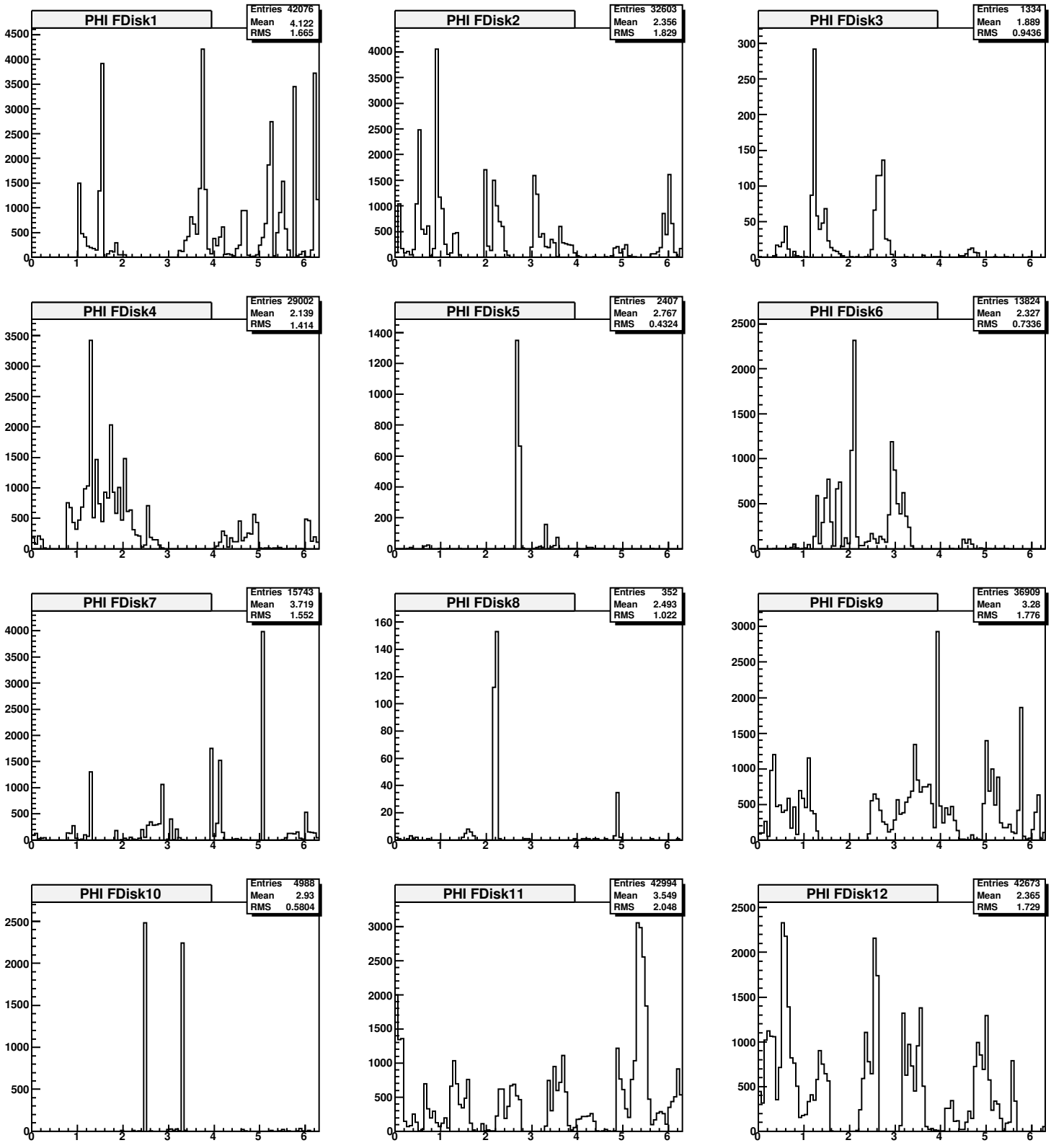




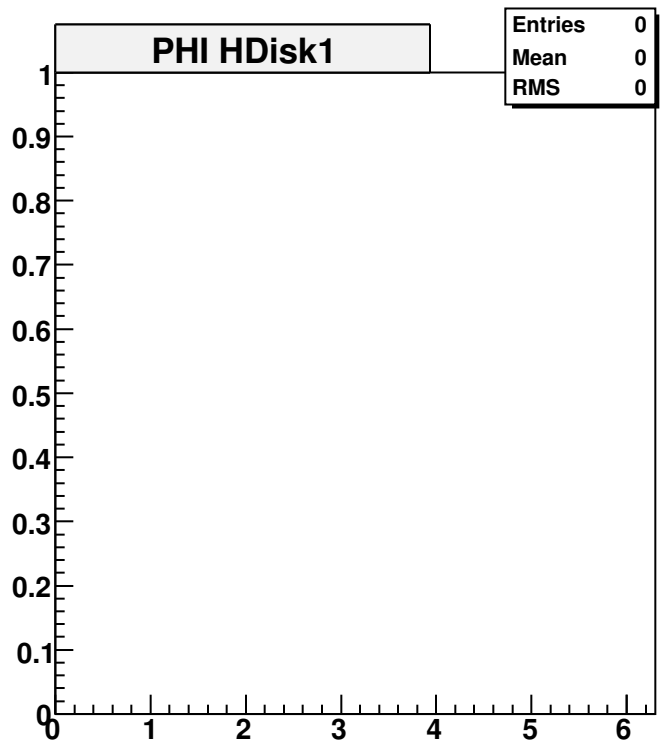


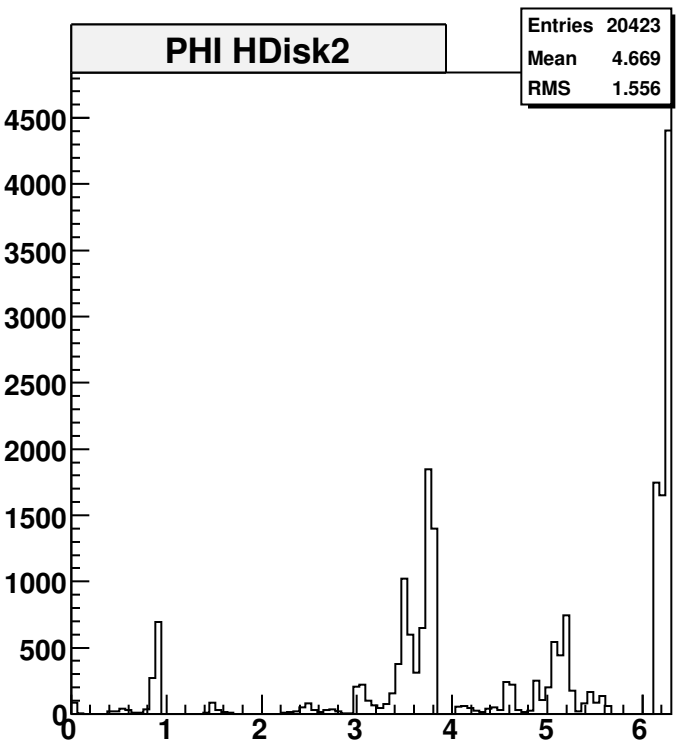


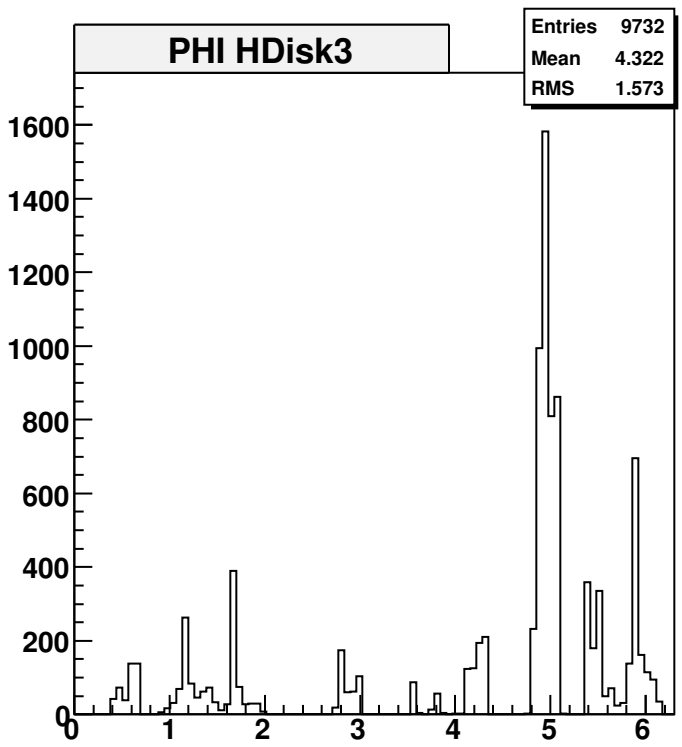
SmtClusters (ClustrBar6)

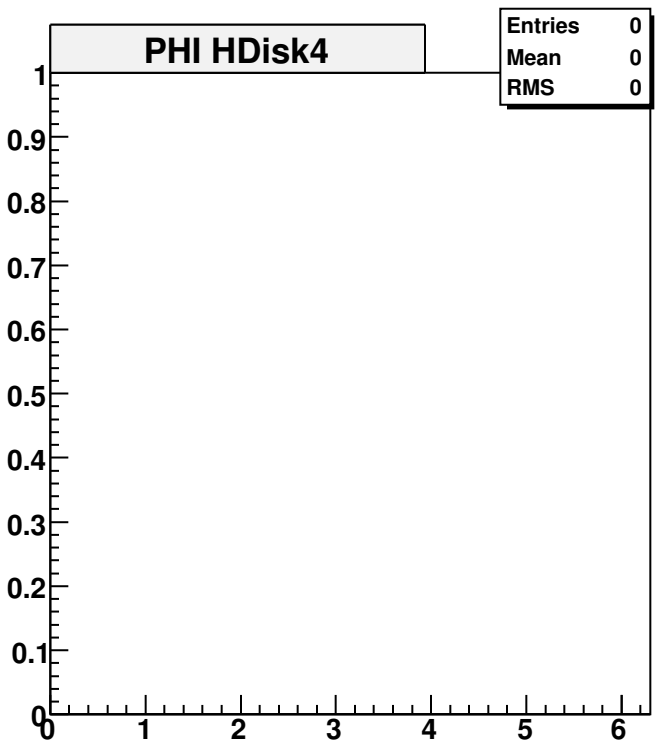


SmtClusters (FDiskClusters)

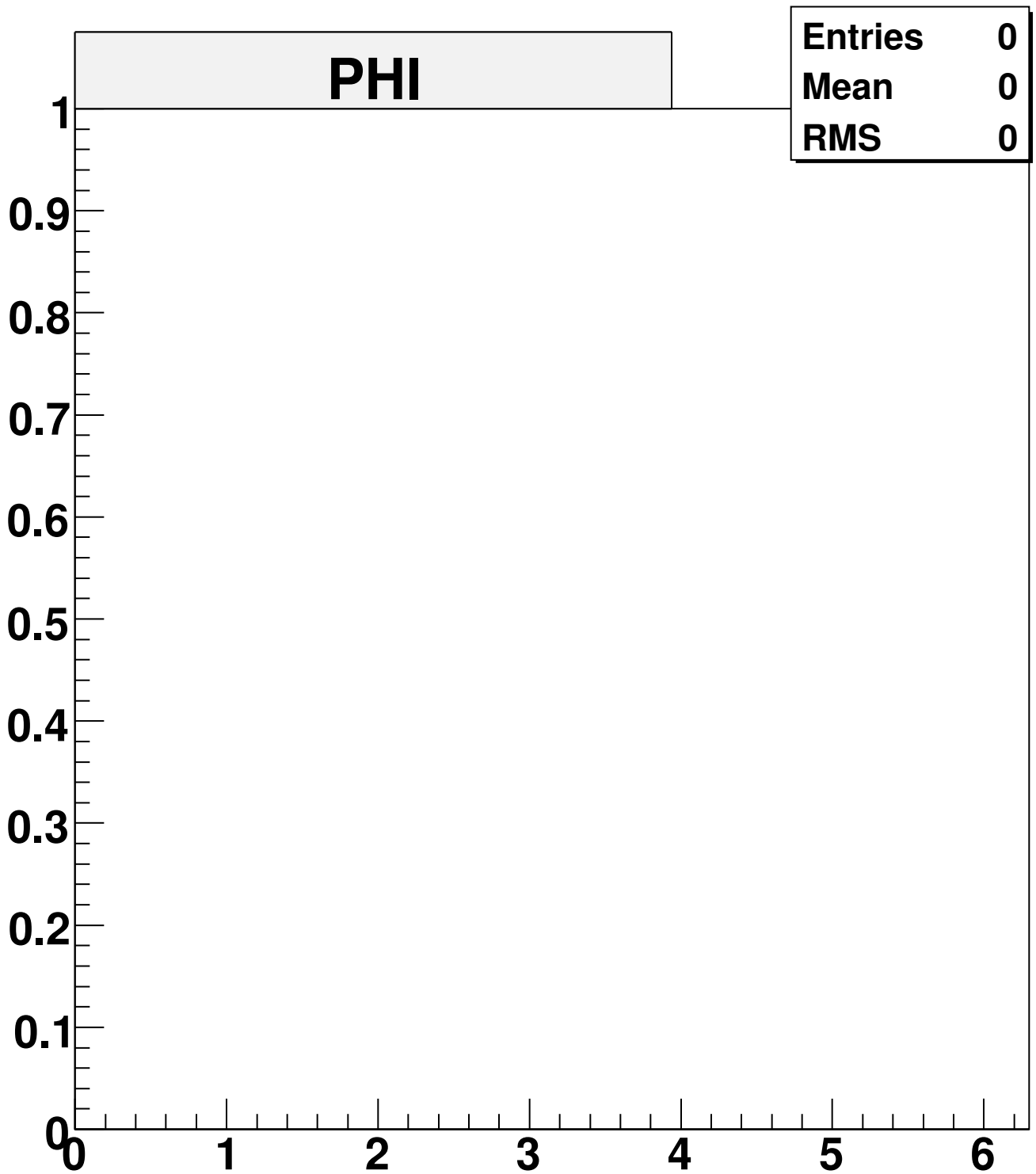


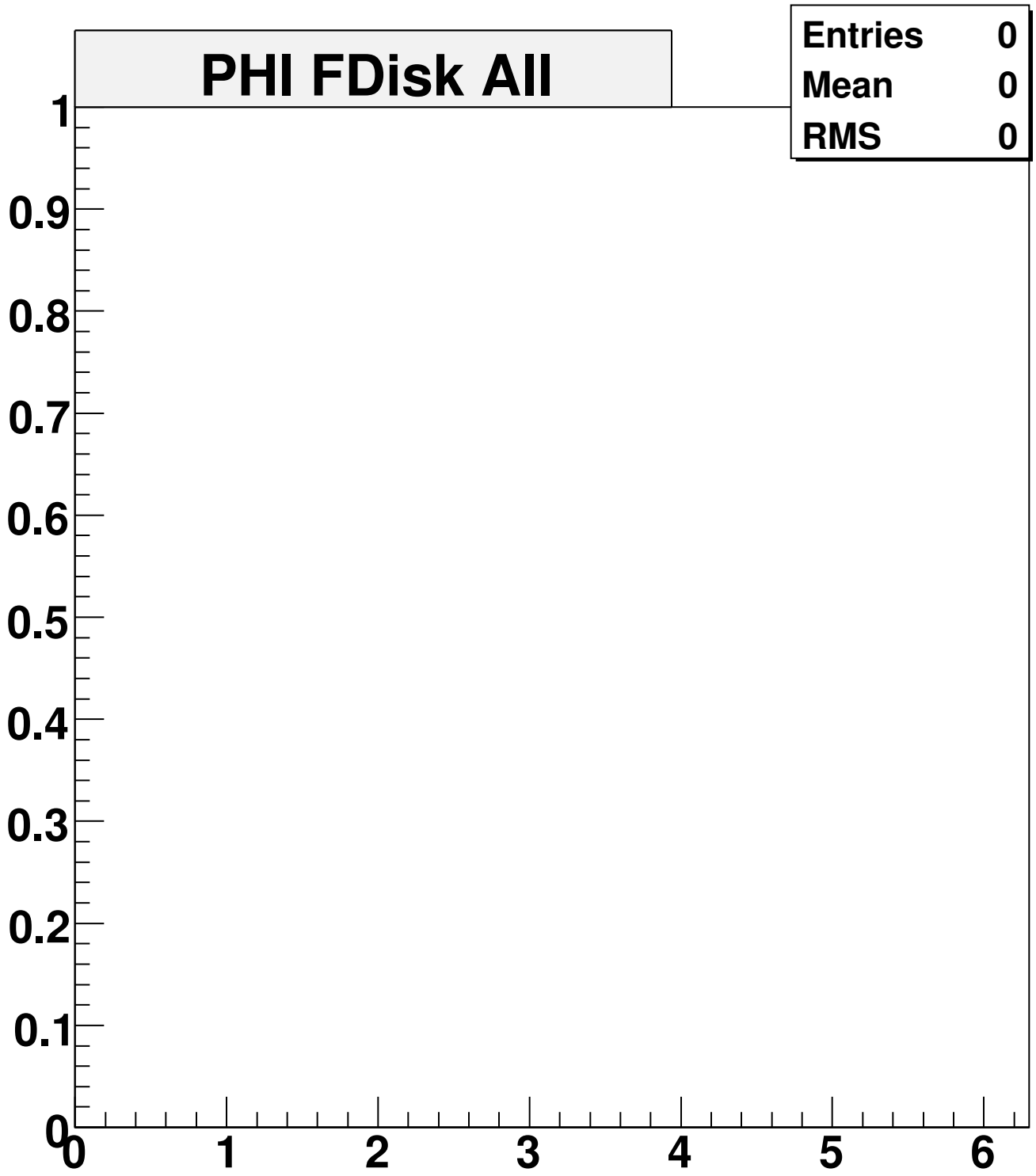






SmtClusters (HDiskClusters)


PHI
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)


PHI FDisk All
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
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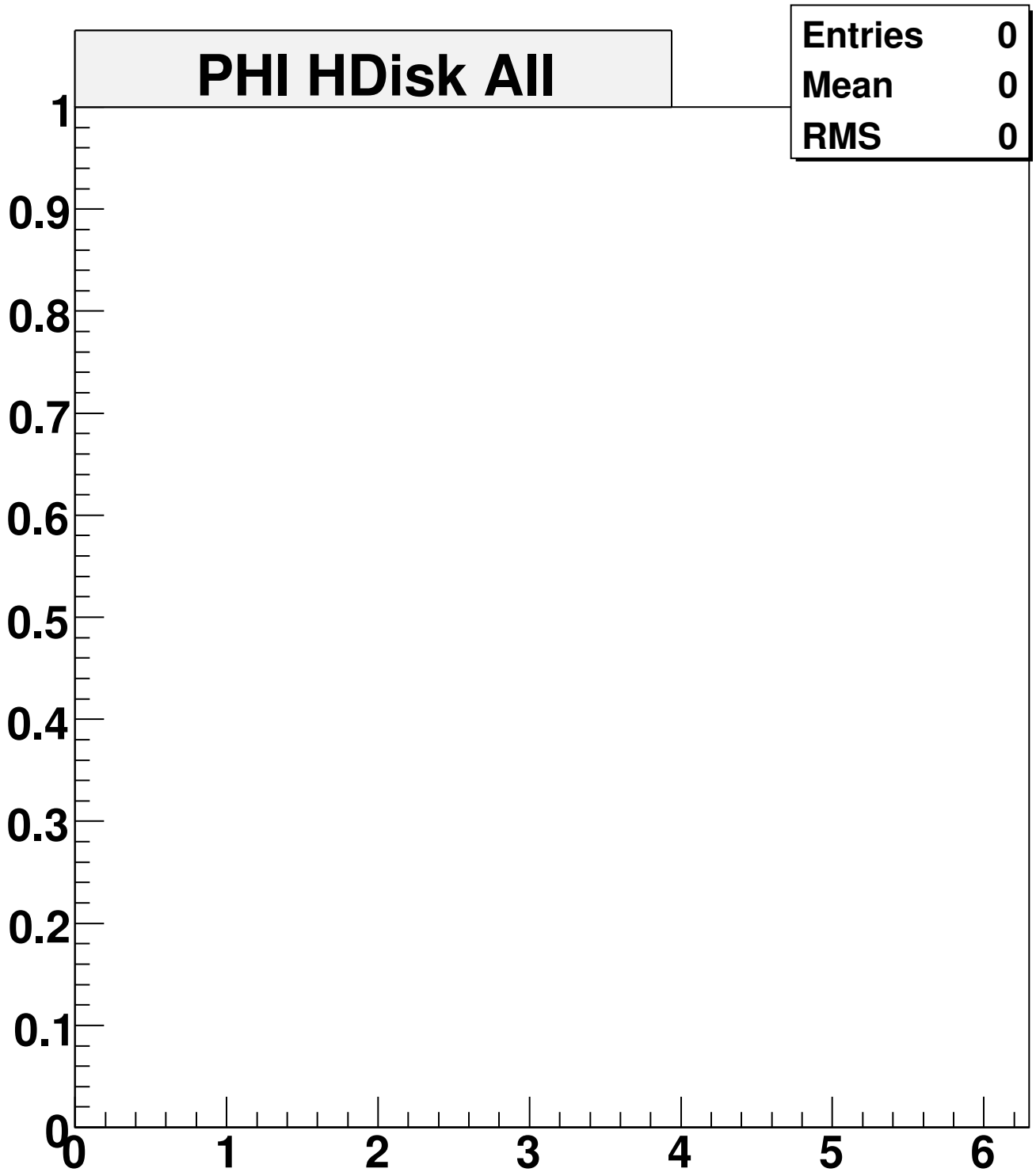
6
SmtClusters (allFDiskTClusters)


PHI HDisk All
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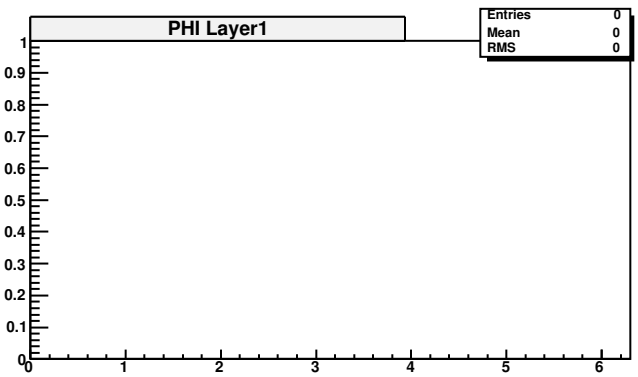
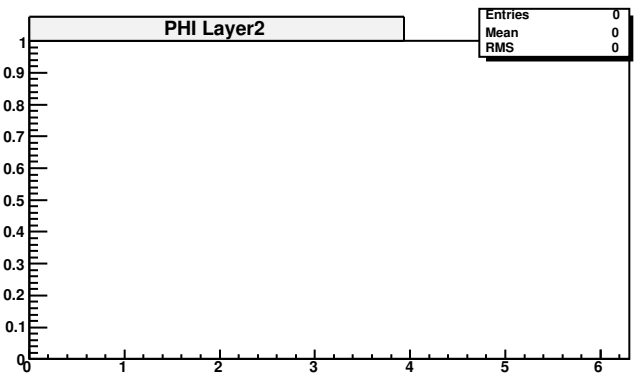
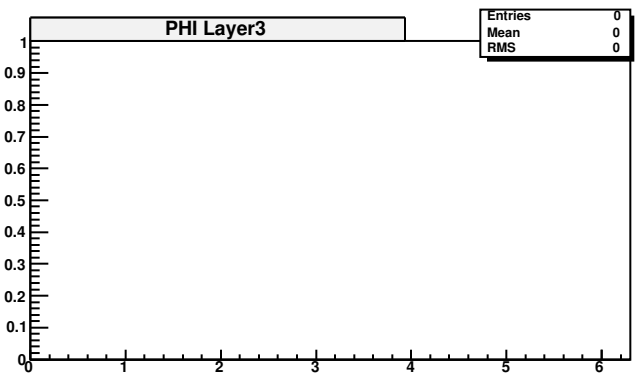
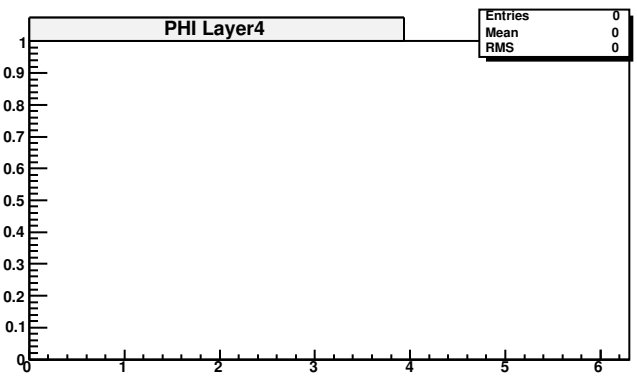
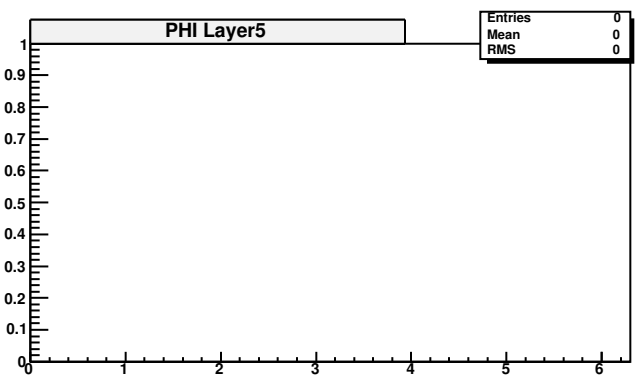
6
SmtClusters (allHDiskTClusters)

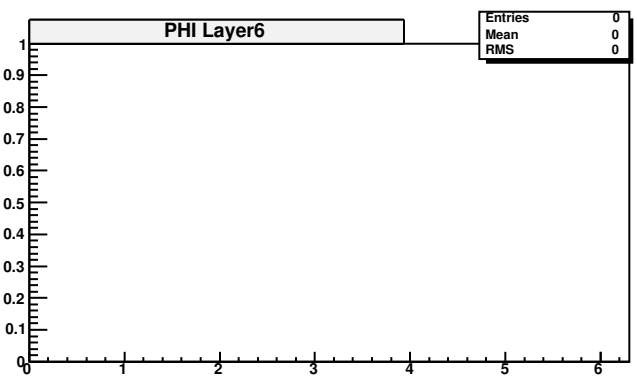


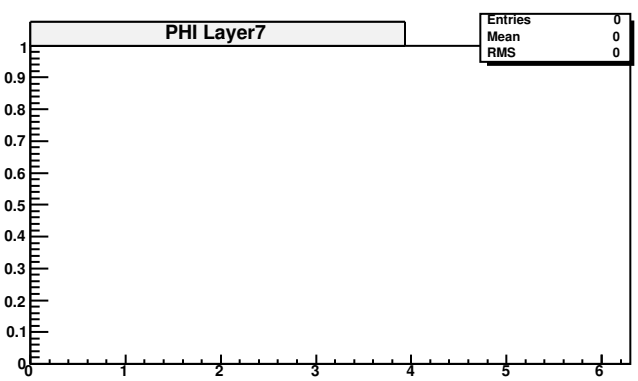


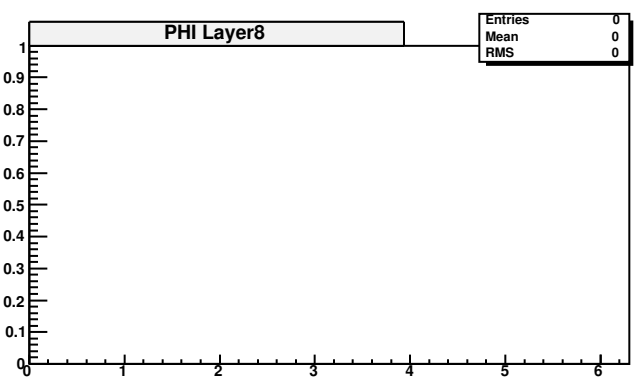




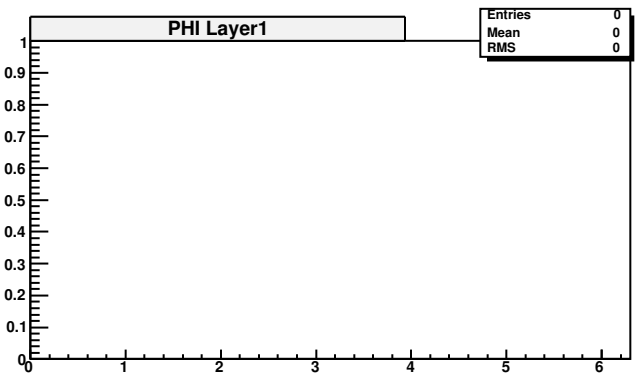


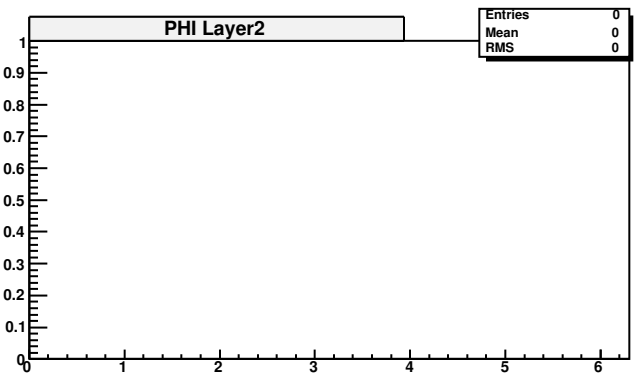


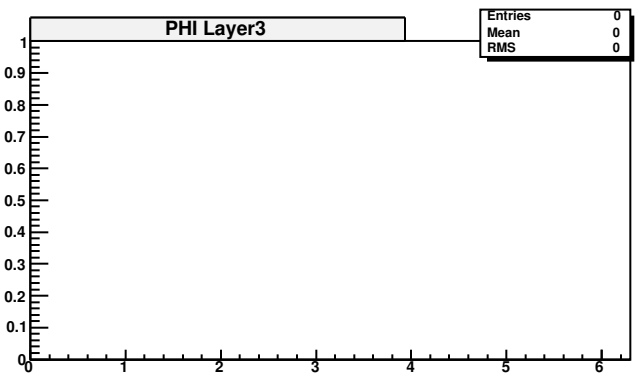


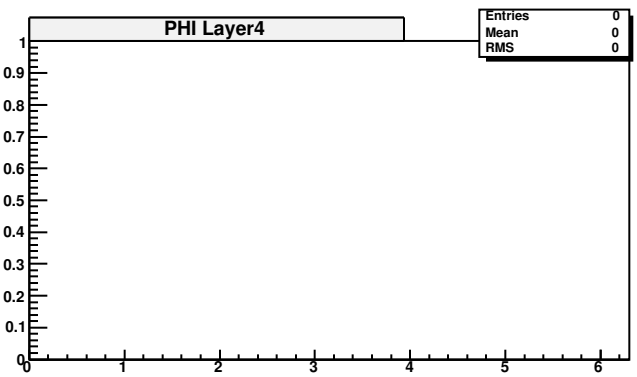


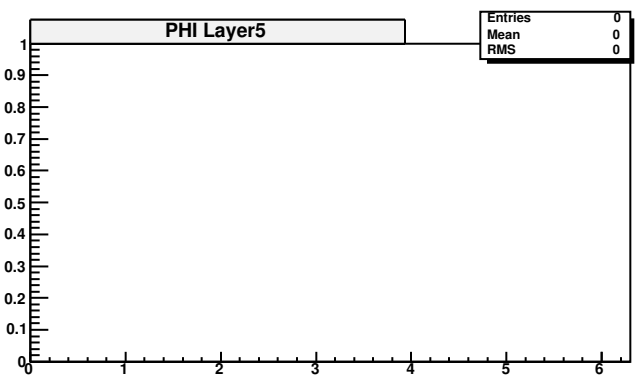
SmtClusters (TClustrBar1)

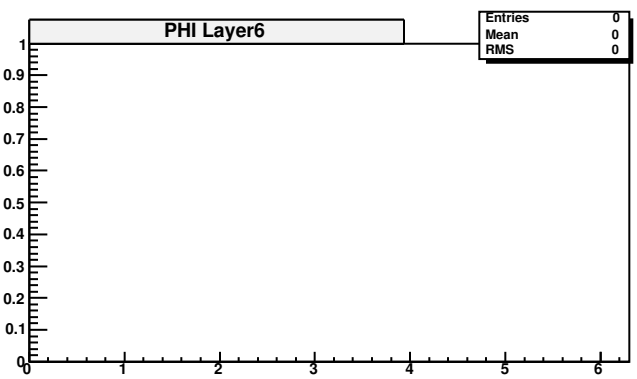


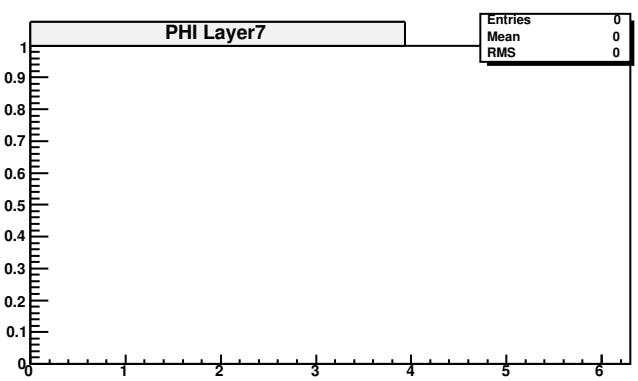


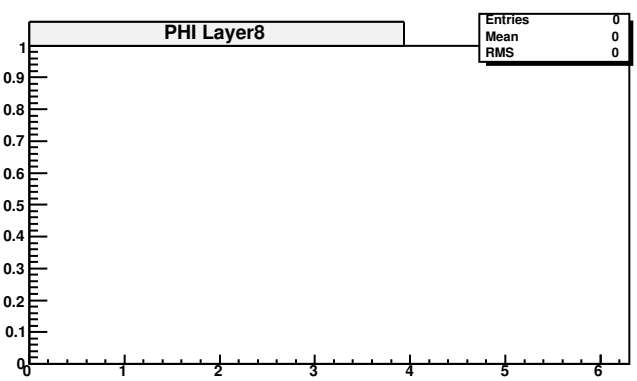




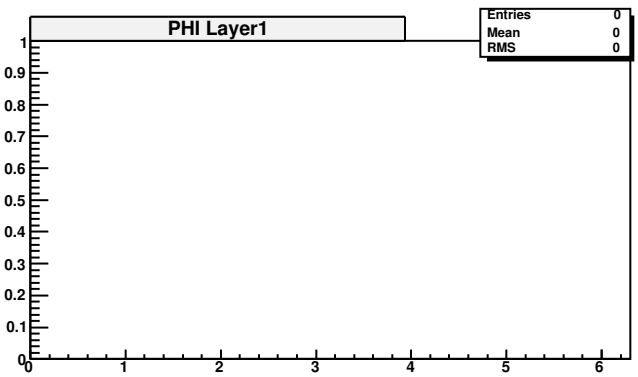


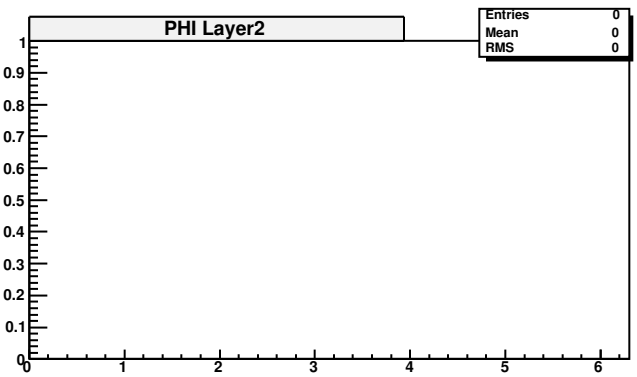


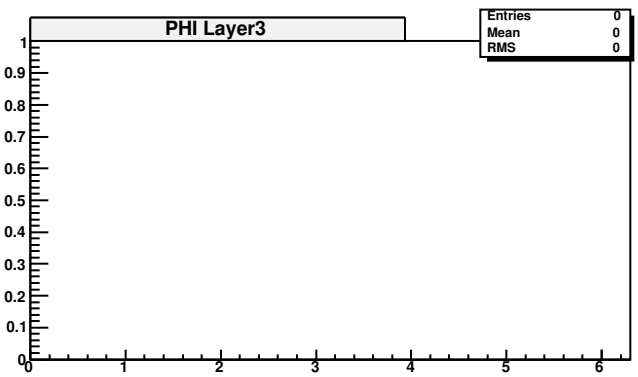


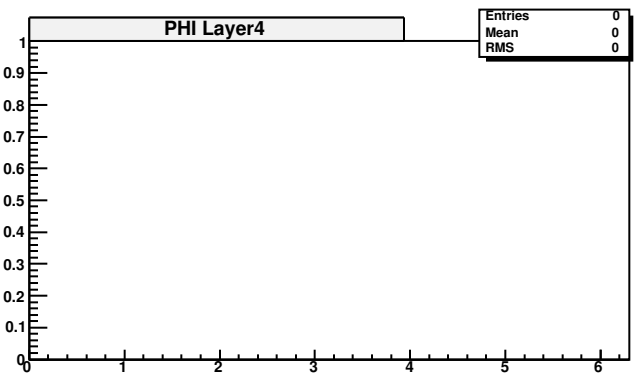


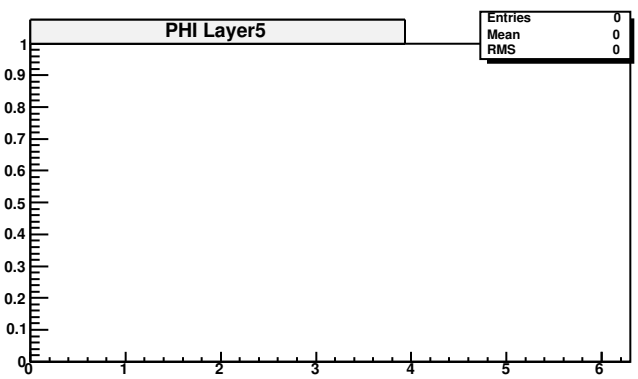
SmtClusters (TClustrBar2)

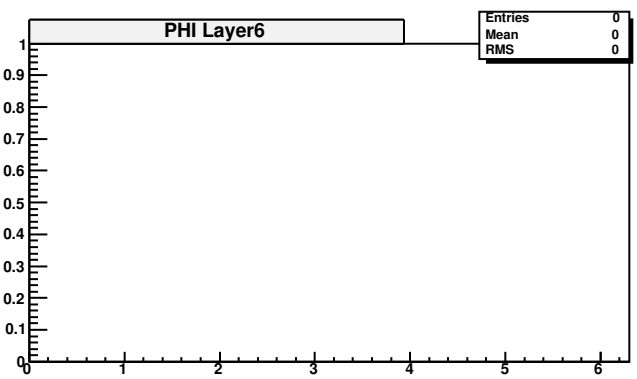


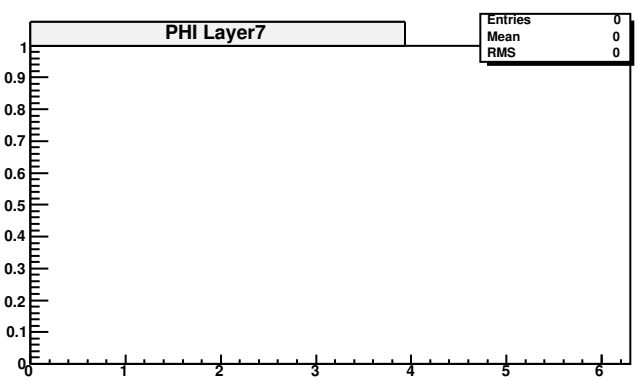


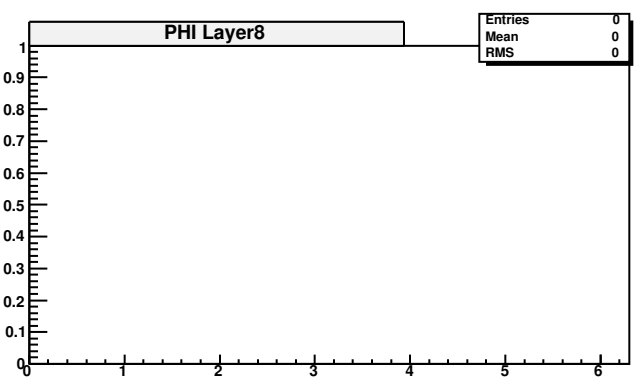




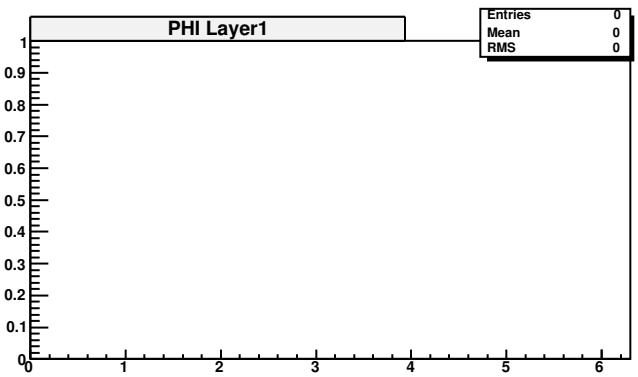


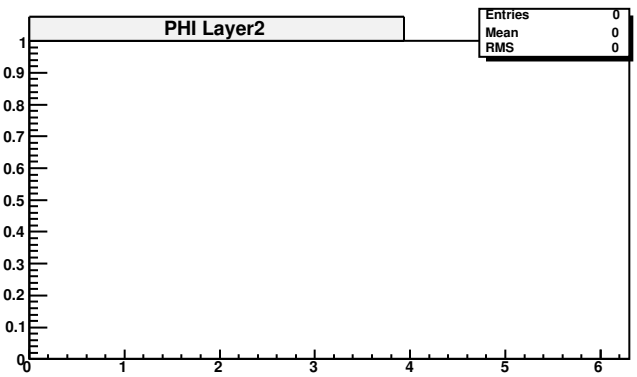


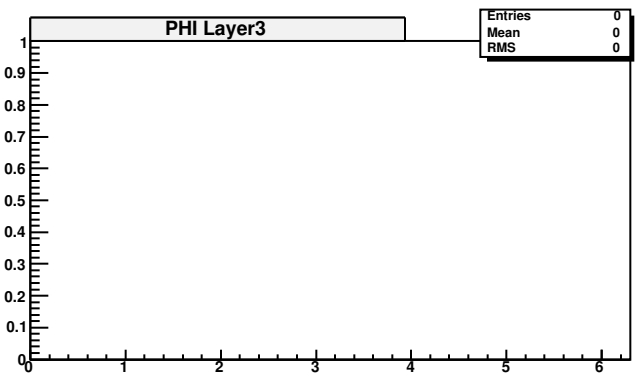


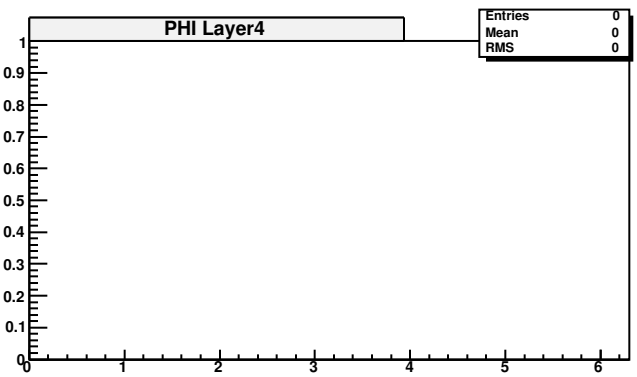


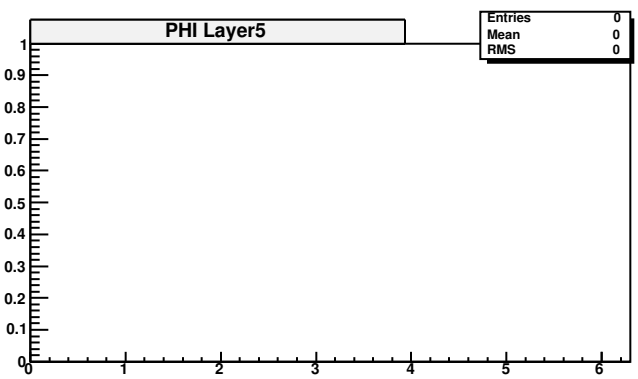
SmtClusters (TClustrBar3)

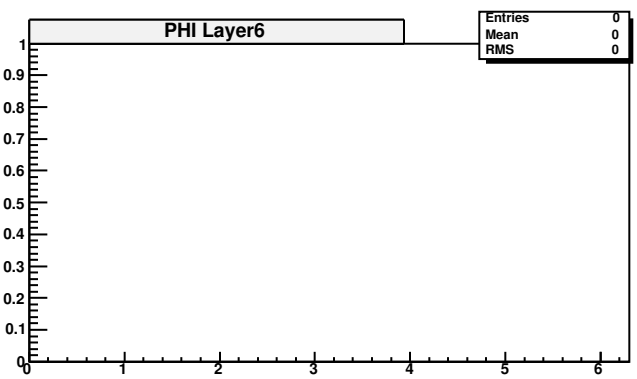


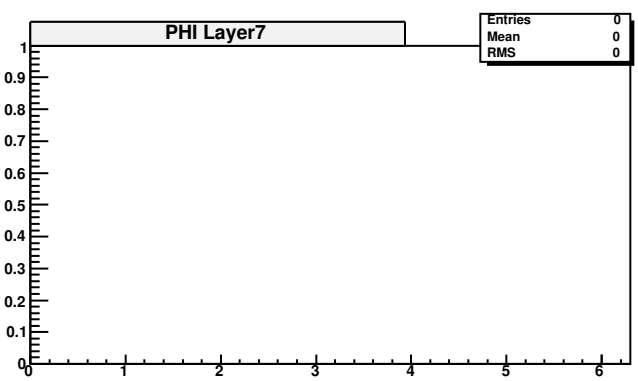


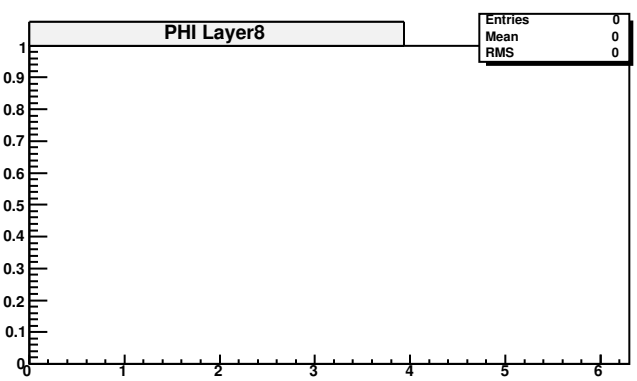




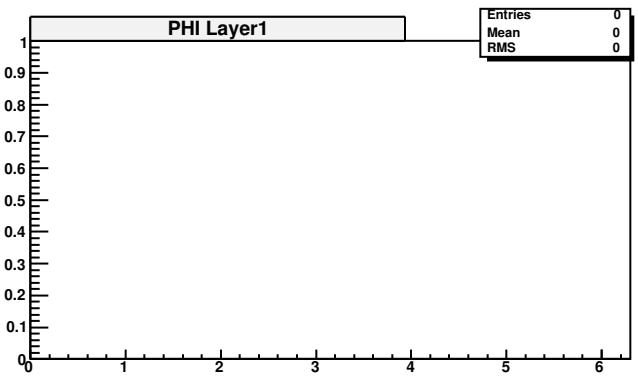


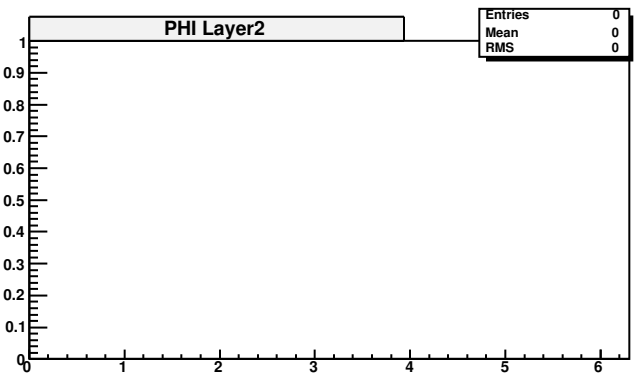


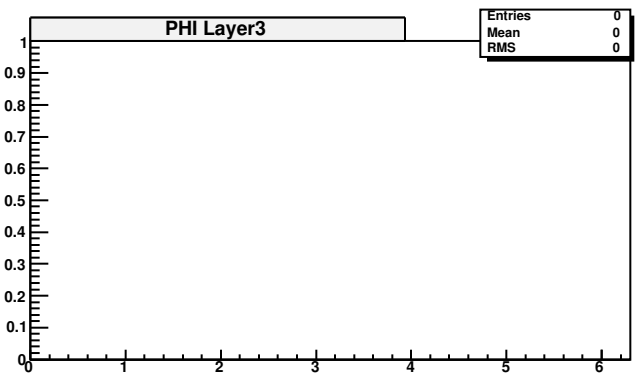


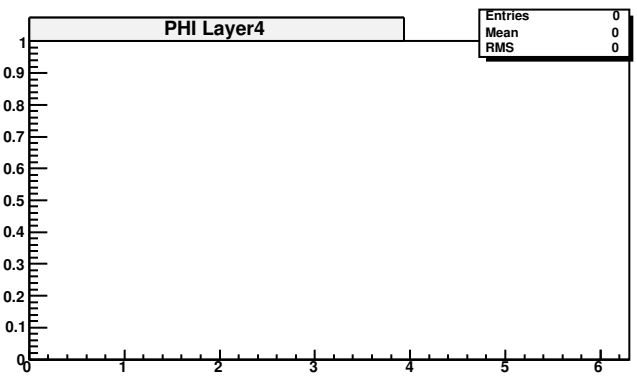


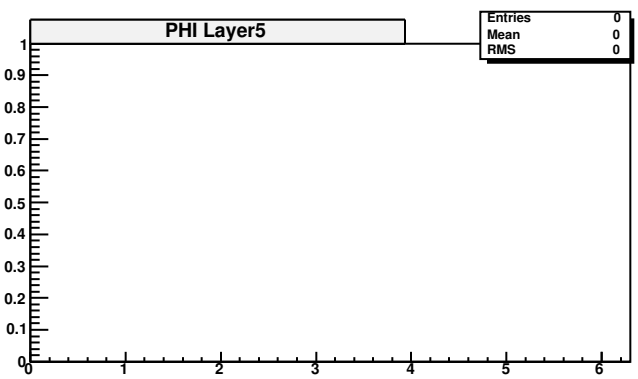
SmtClusters (TClustrBar4)

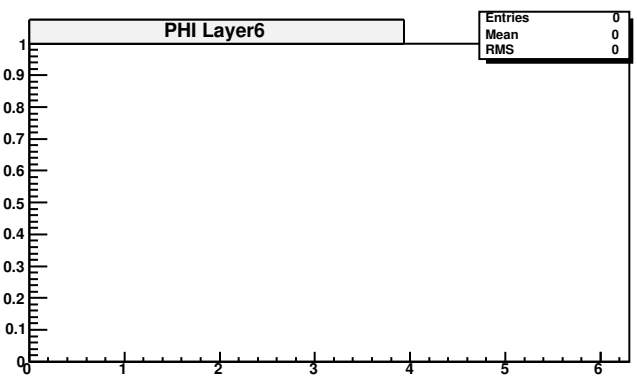


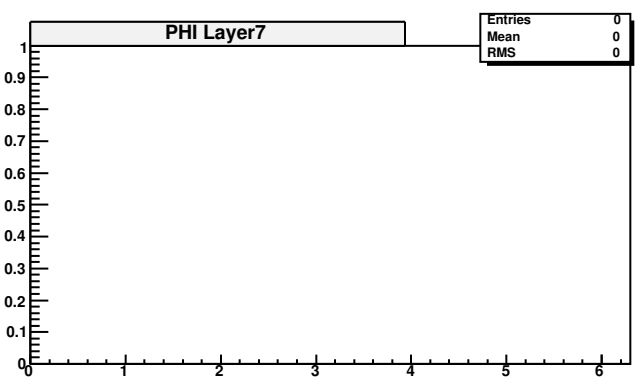


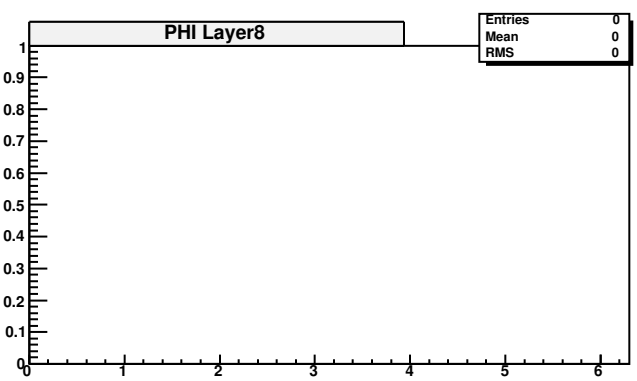




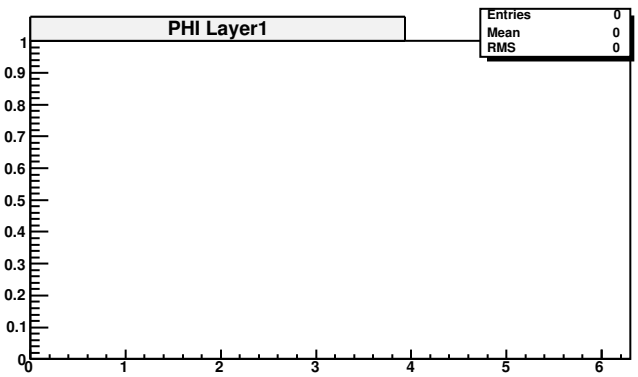


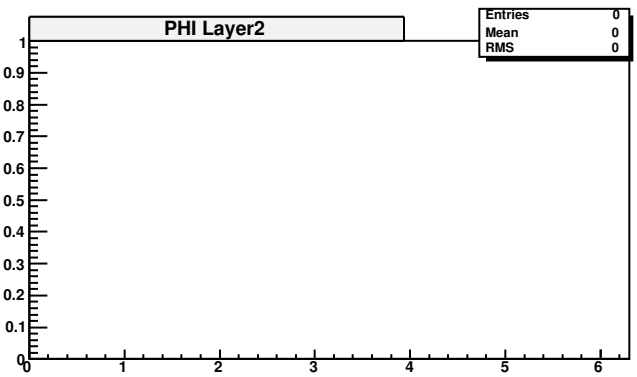


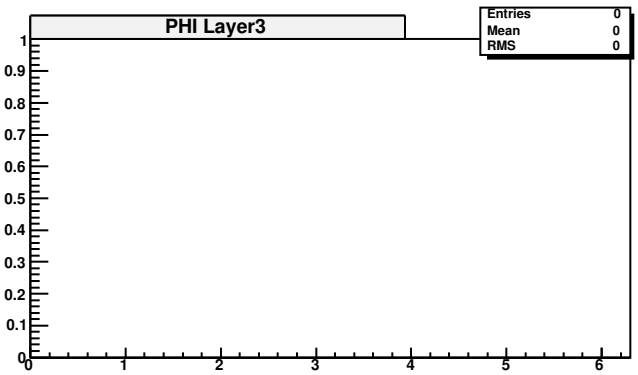


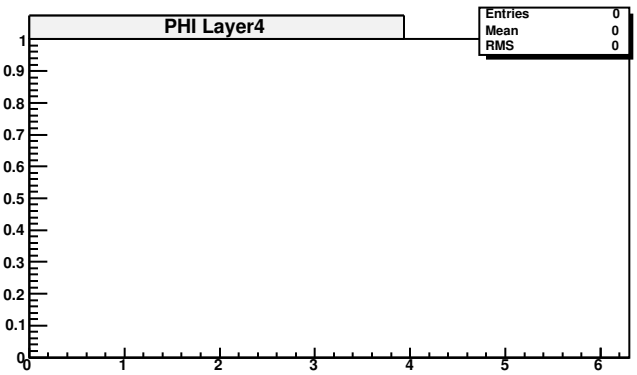


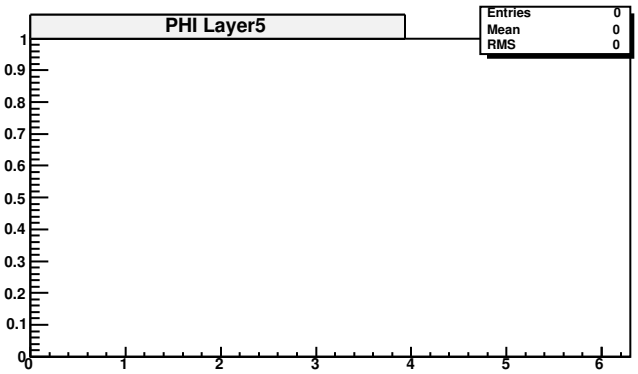
SmtClusters (TClustrBar5)

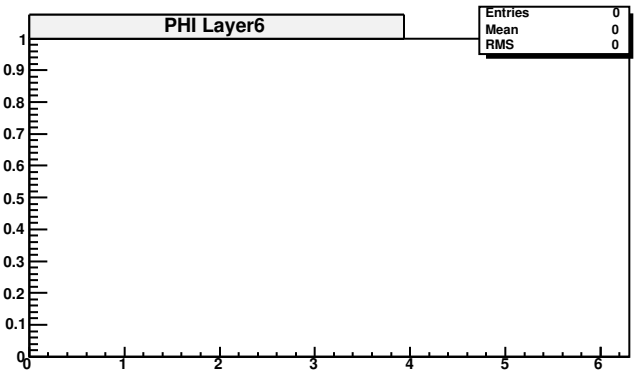


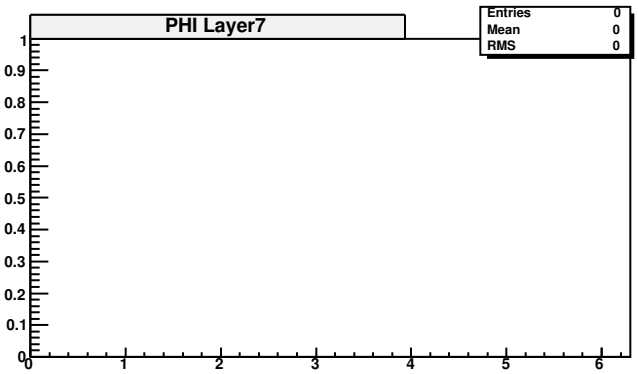


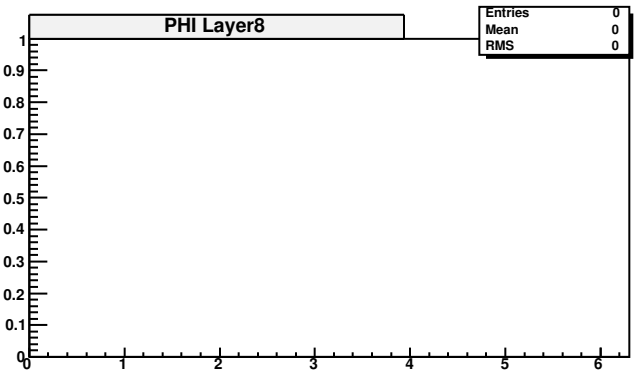




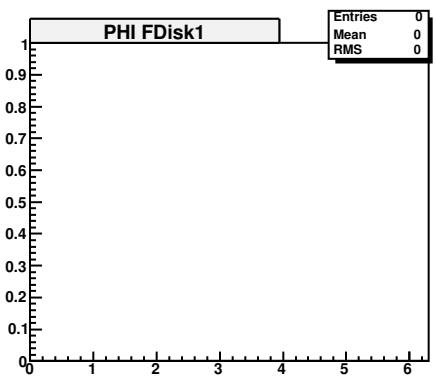


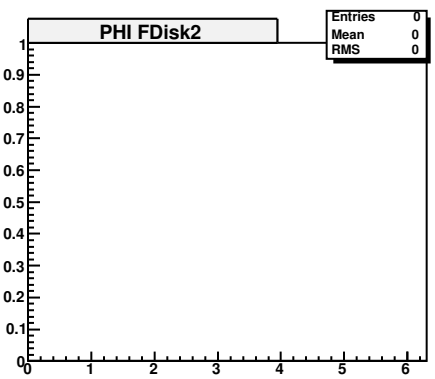


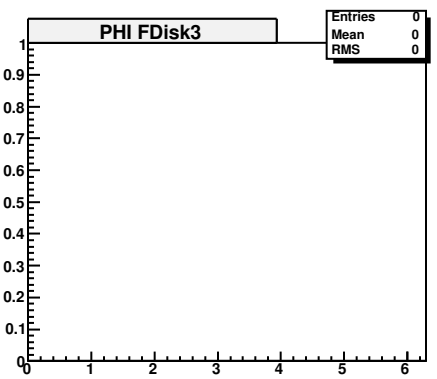


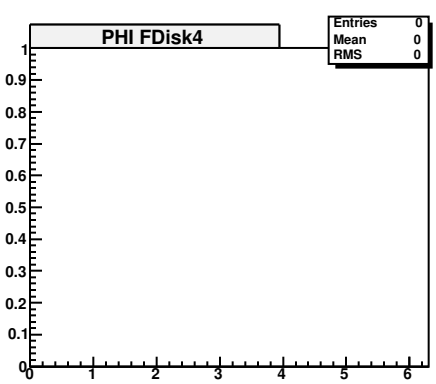


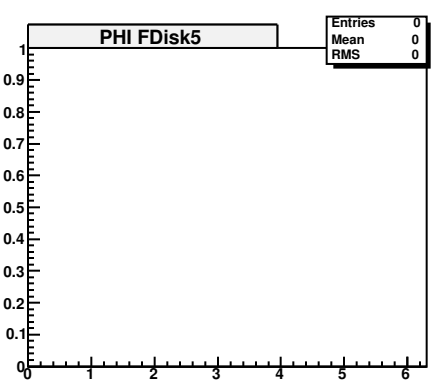
SmtClusters (TClustrBar6)

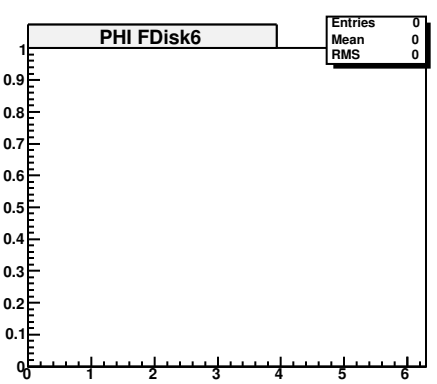


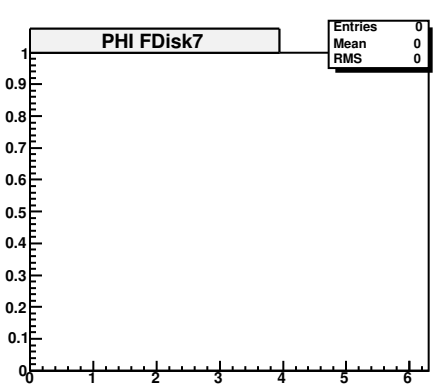


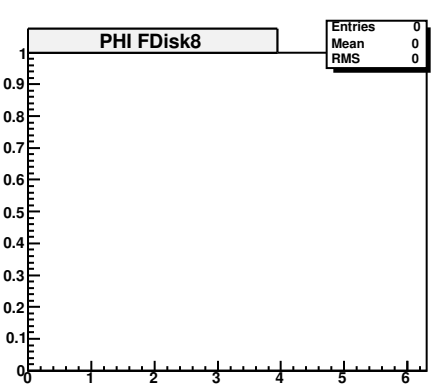


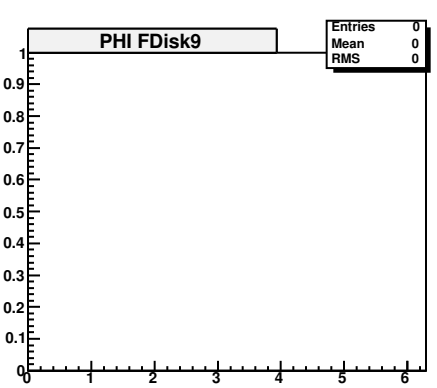


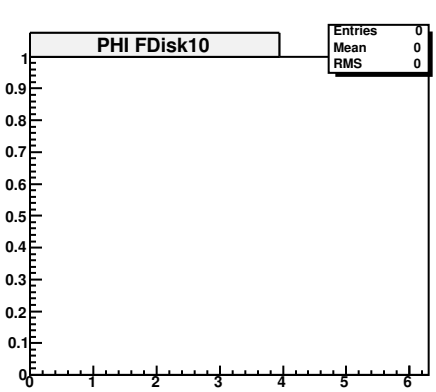


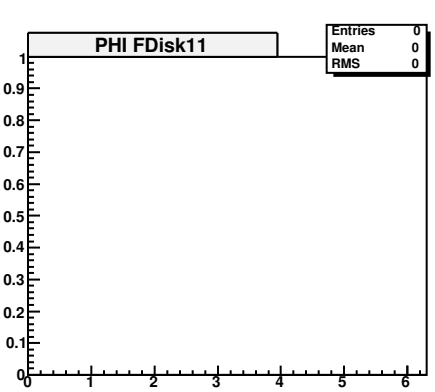


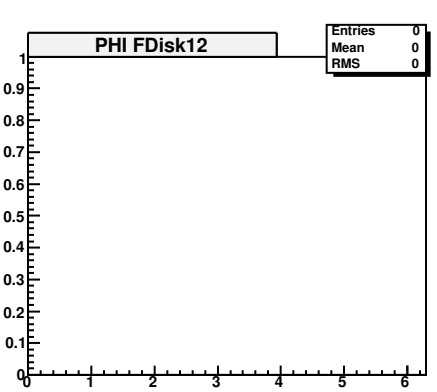




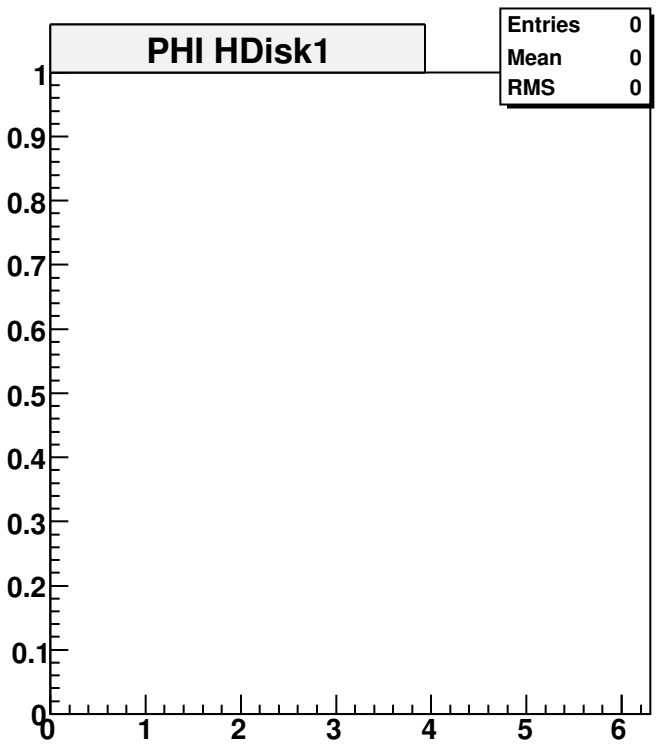


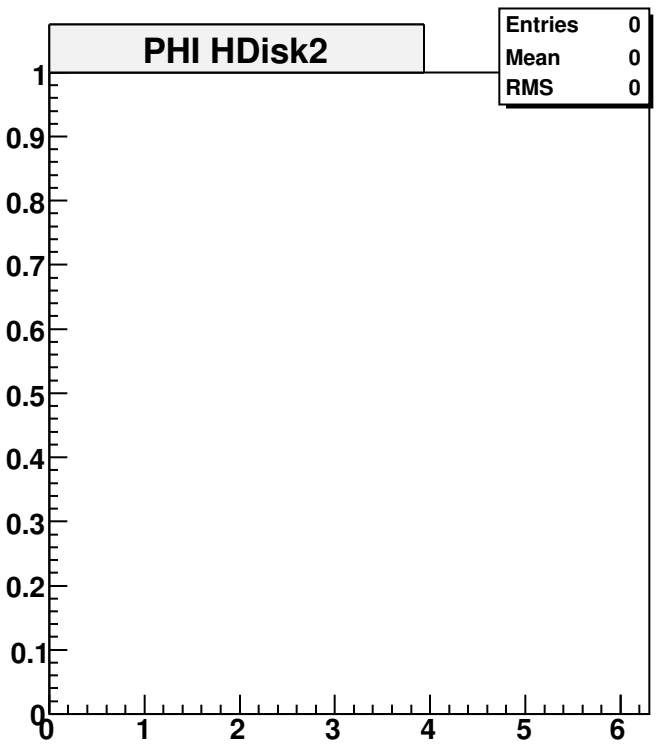


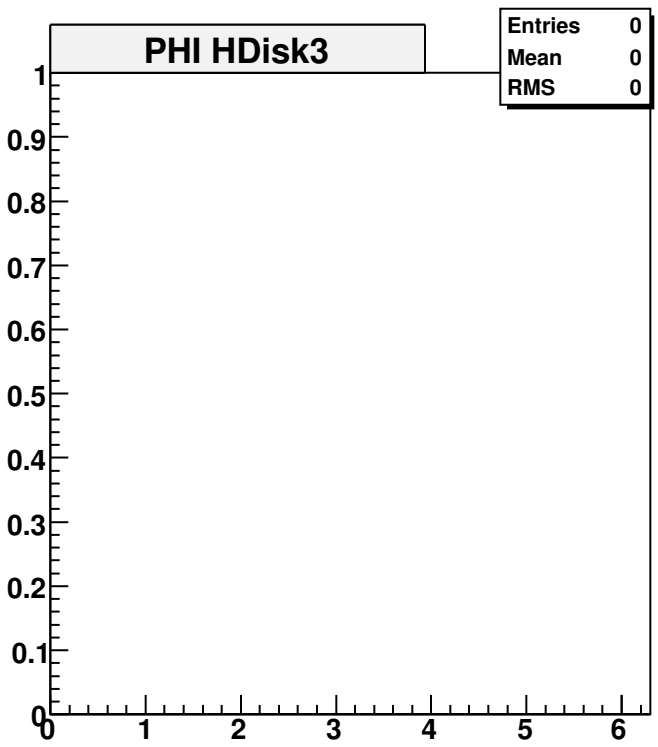


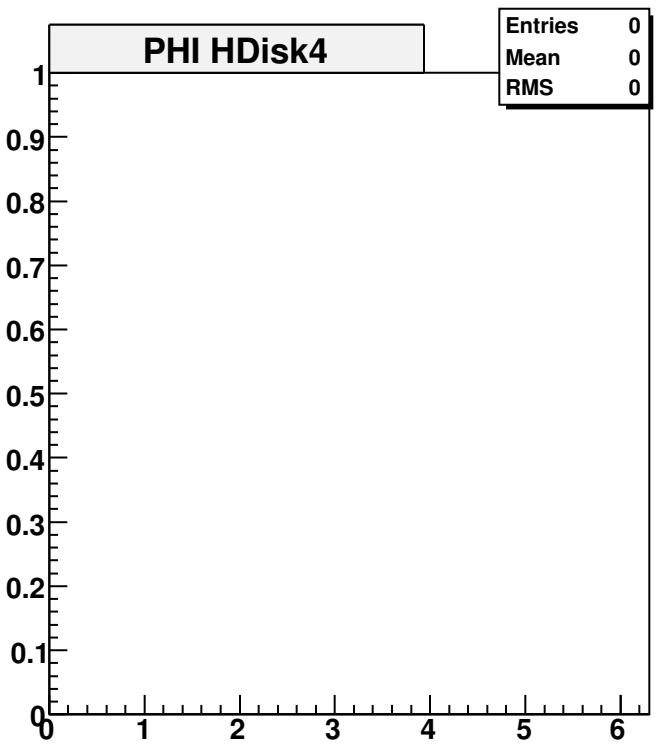


SmtClusters (FDiskTClusters)

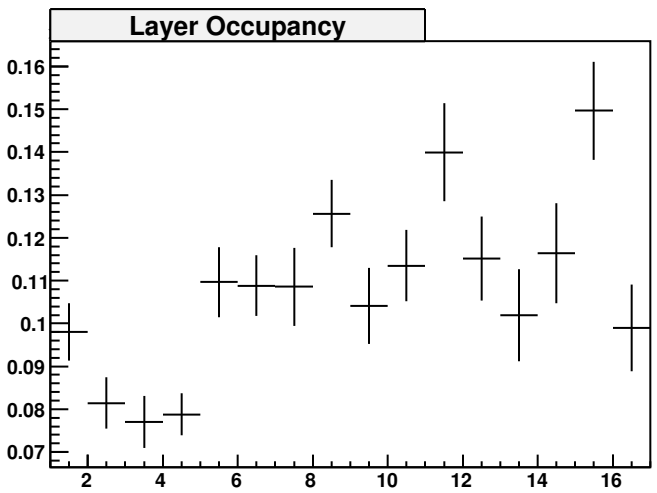


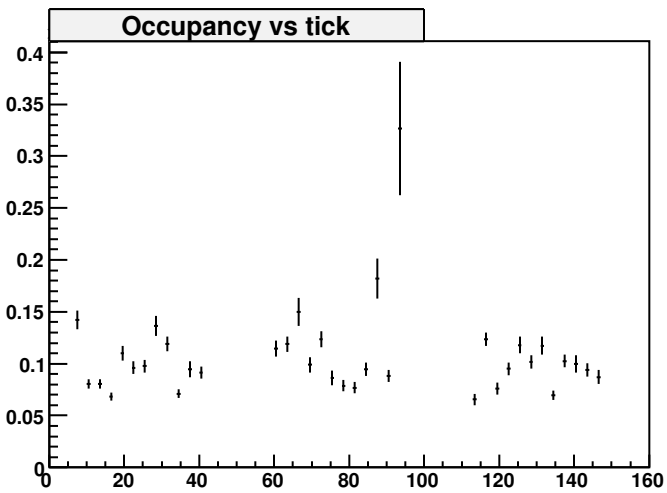


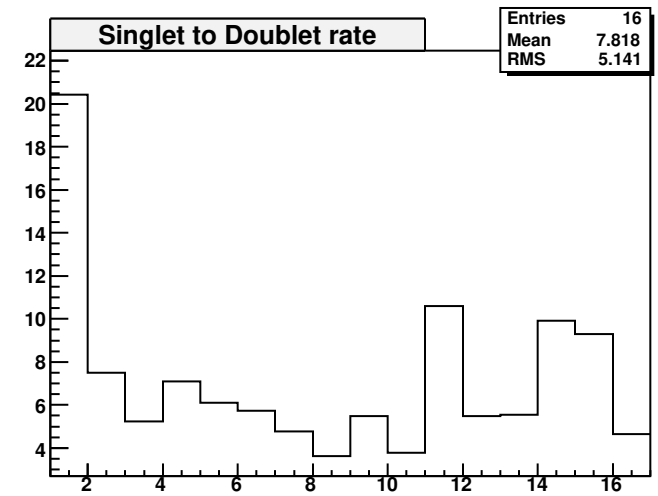


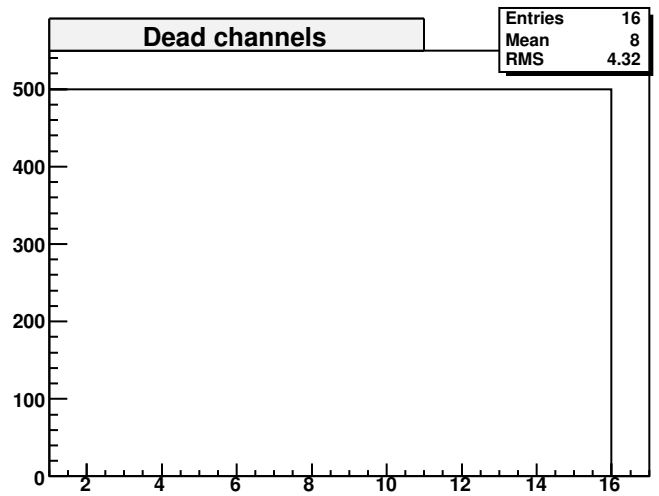


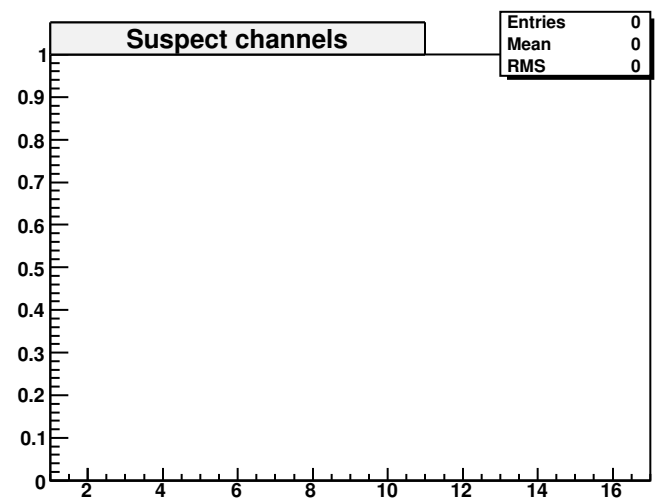
SmtClusters (HDiskTClusters)

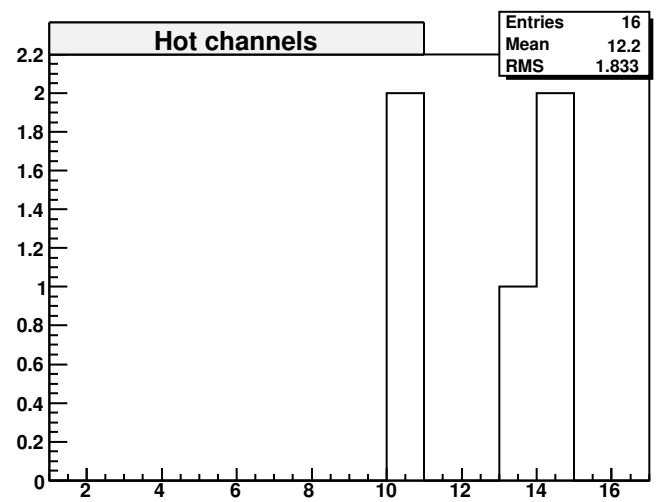




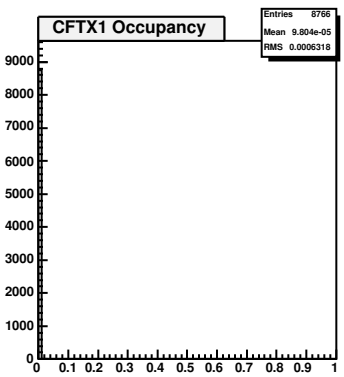


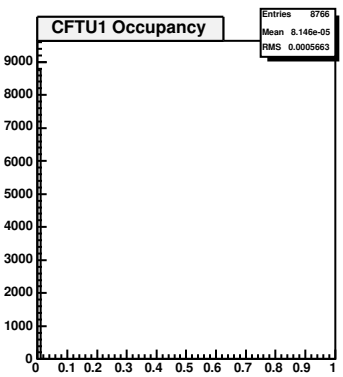


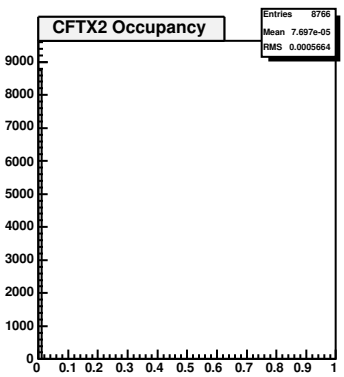


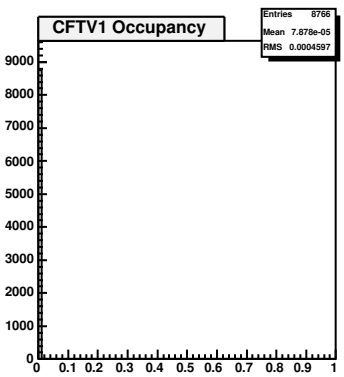


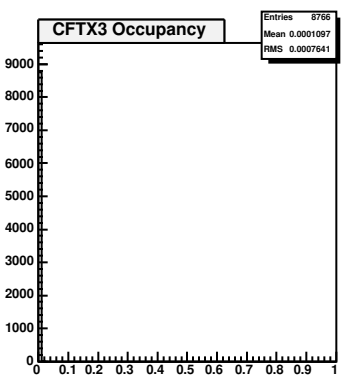
CFT Summary (All Clusters)

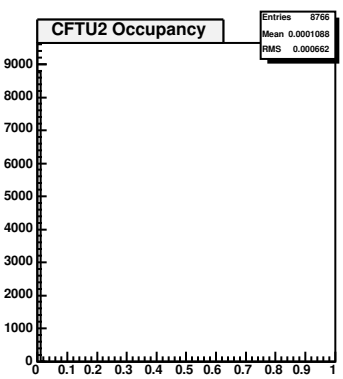


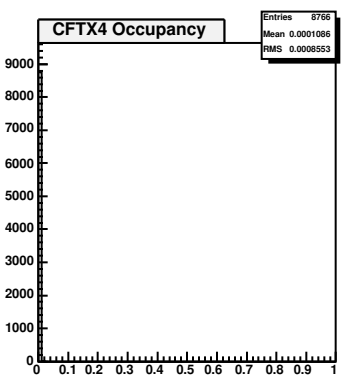


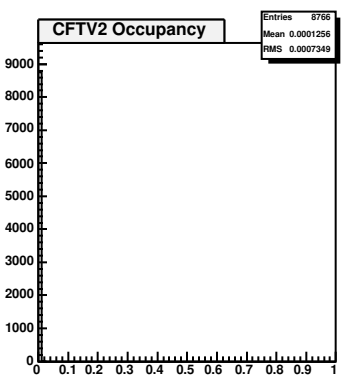


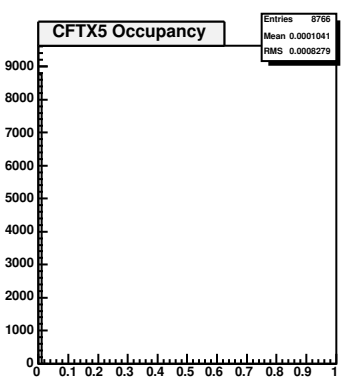


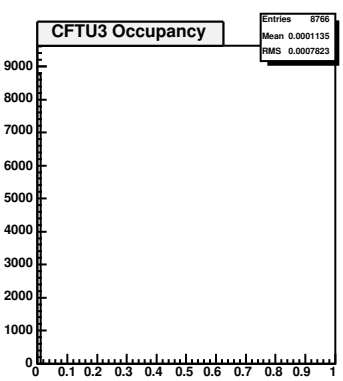


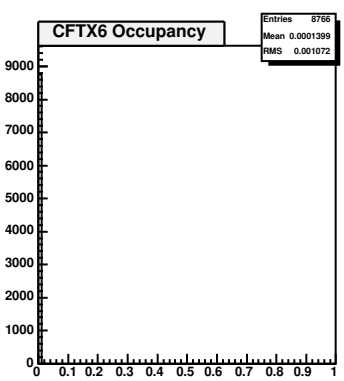


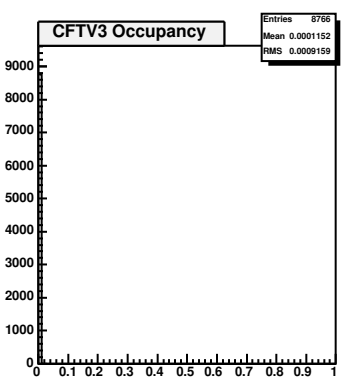


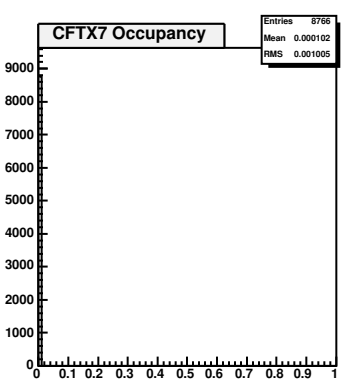


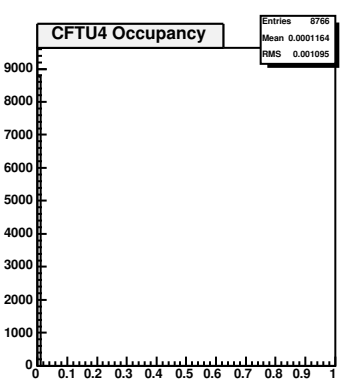


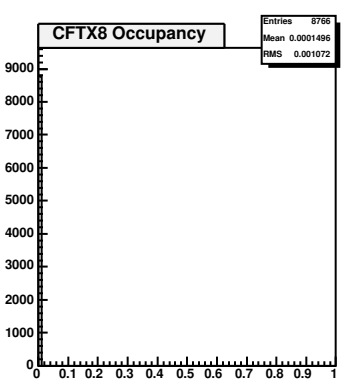


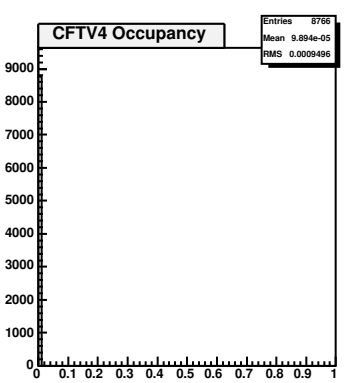




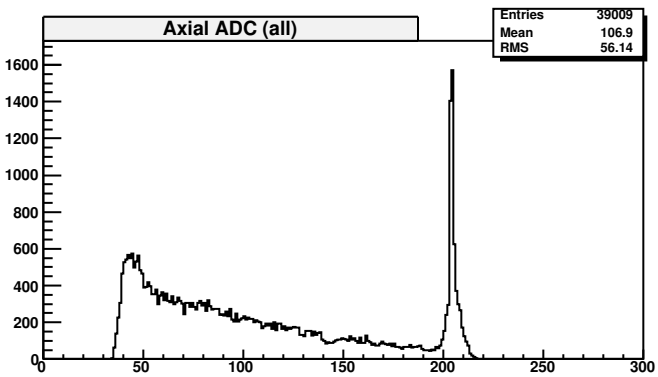


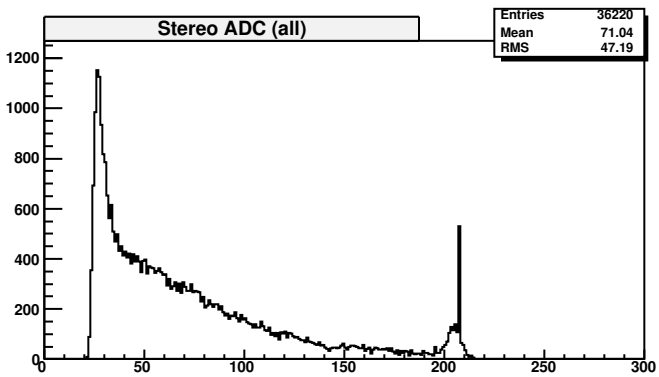


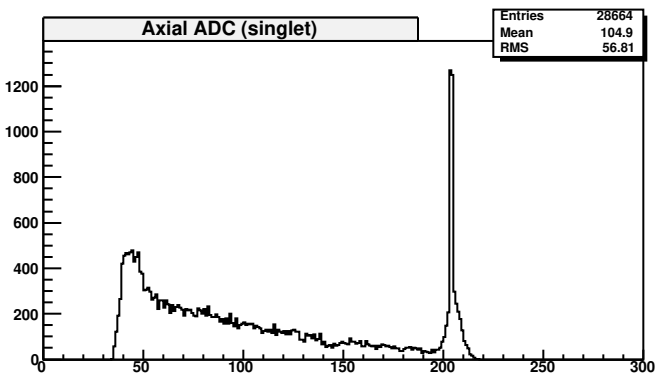


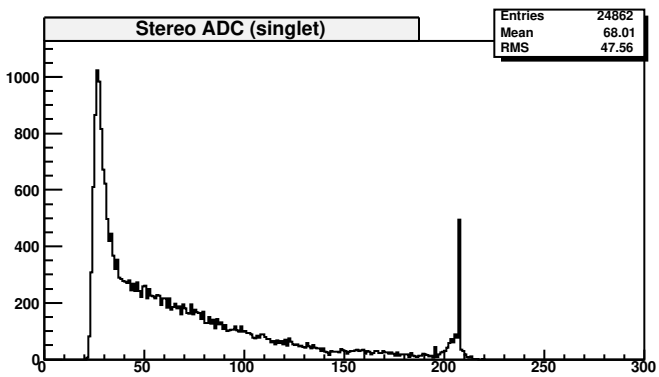


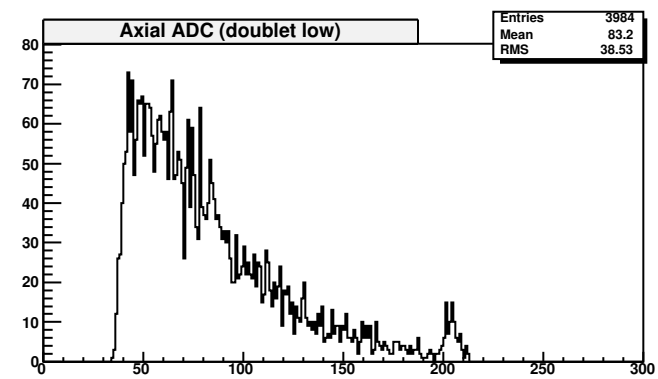
CFT Occupancy (All Clusters)

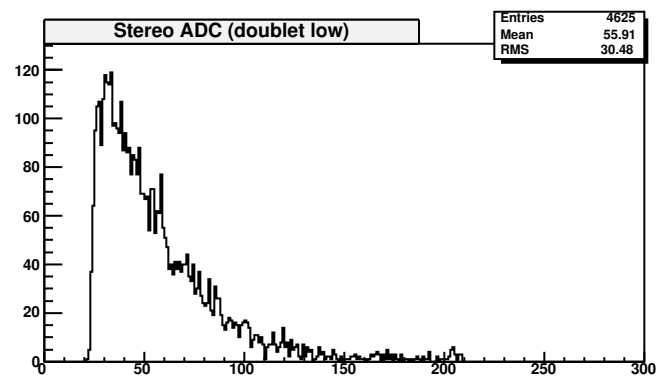


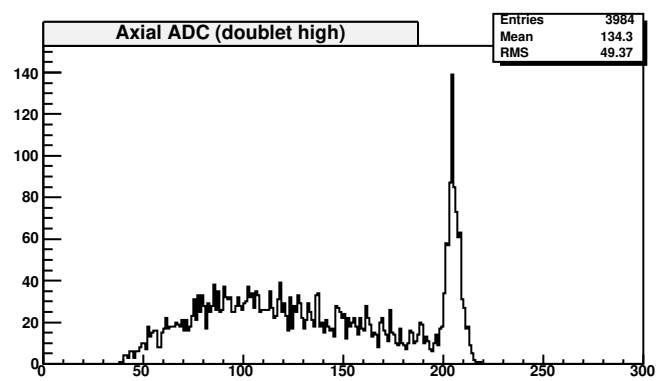


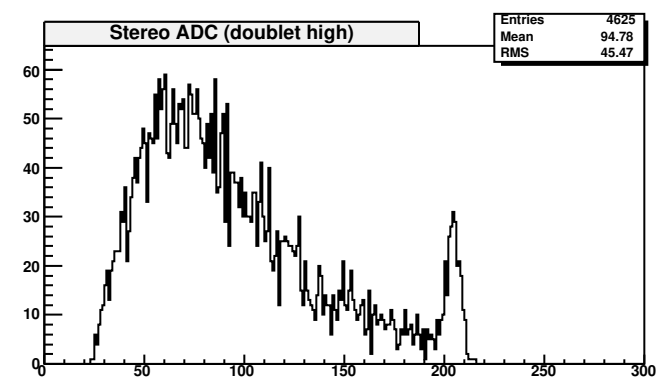




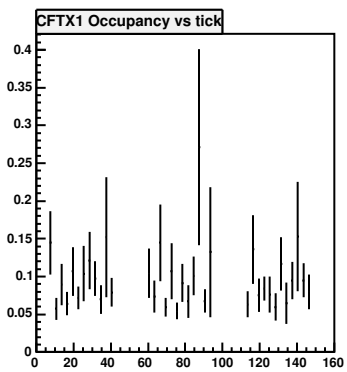


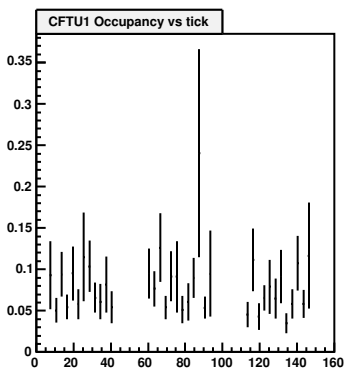


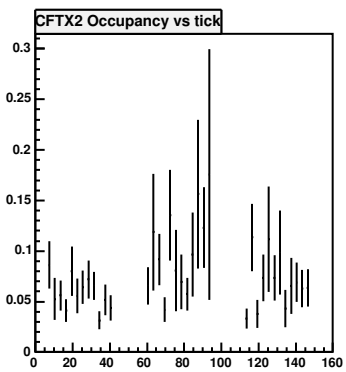


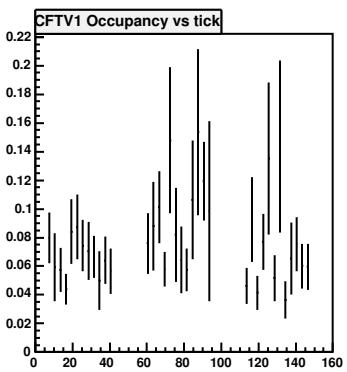


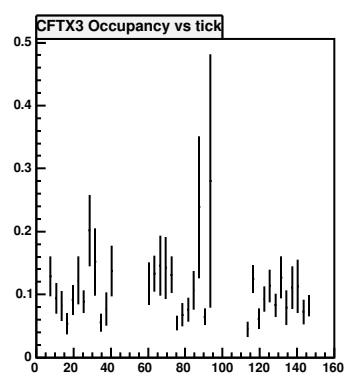
CFT ADC Summary (All Clusters)

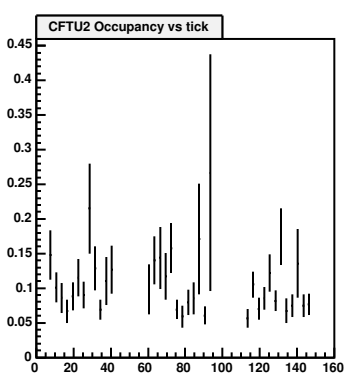


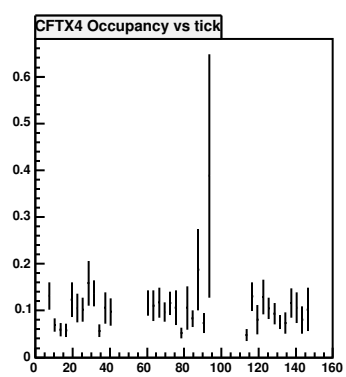


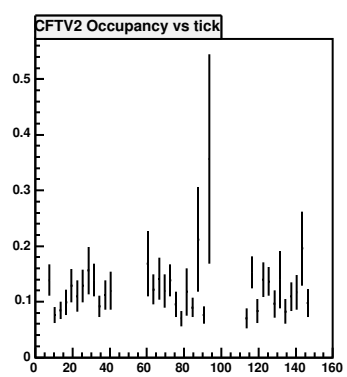


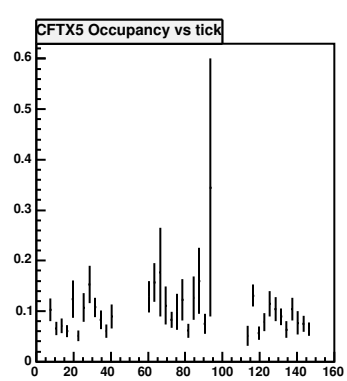


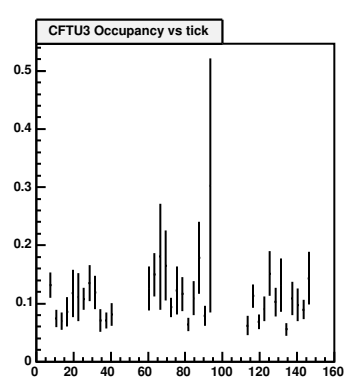


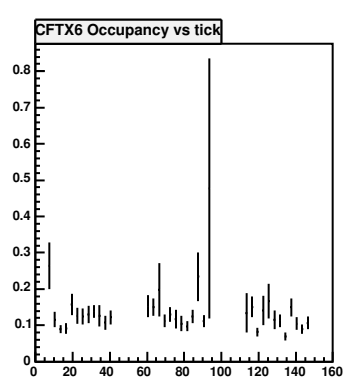


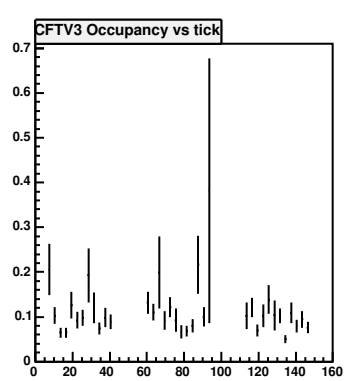


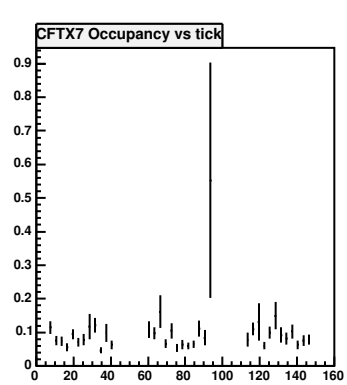


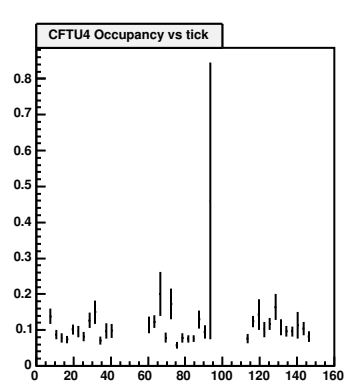


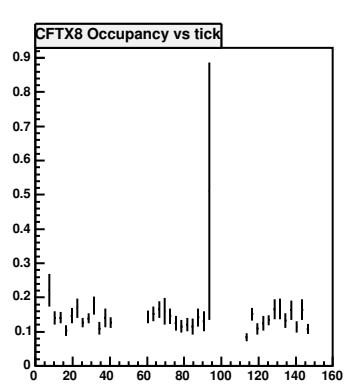


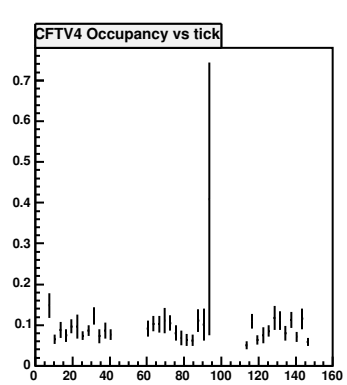




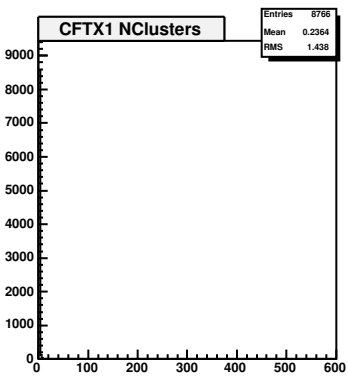


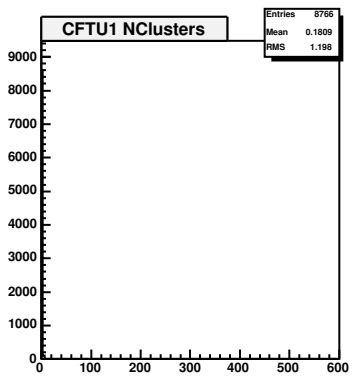


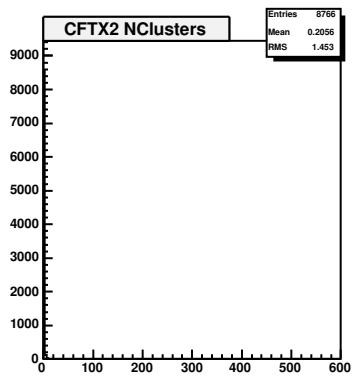


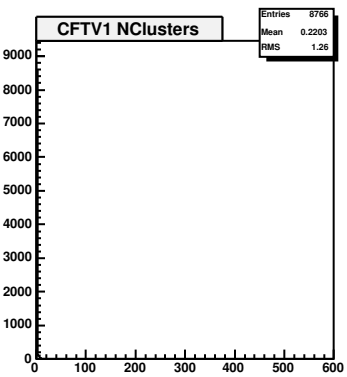


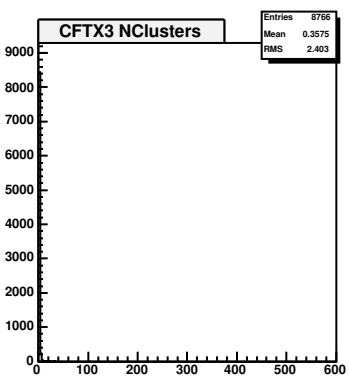
CFT Occupancy vs Tick (All Clusters)

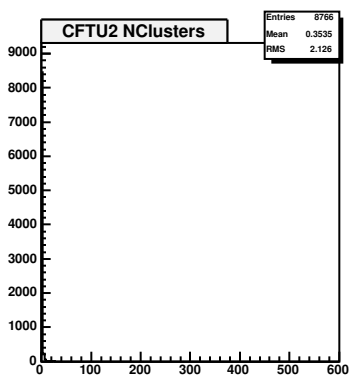


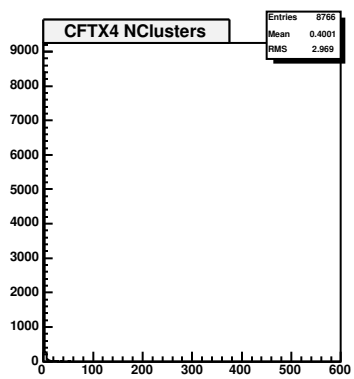


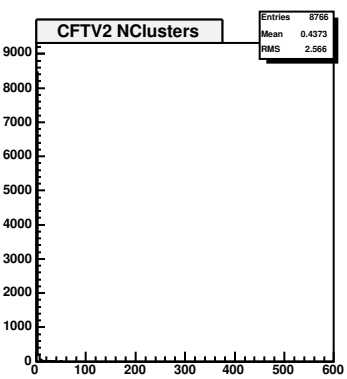


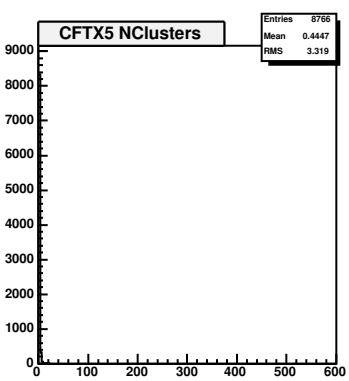


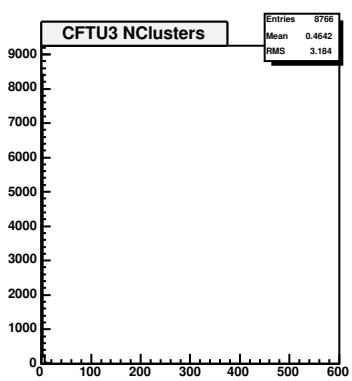


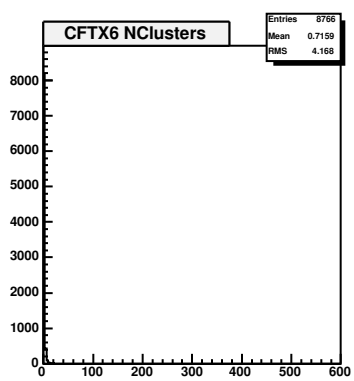


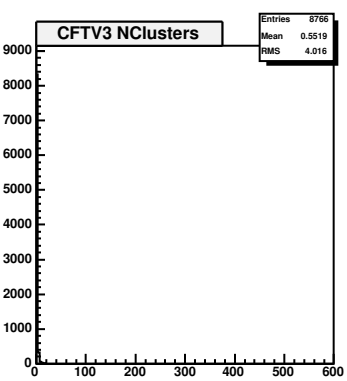


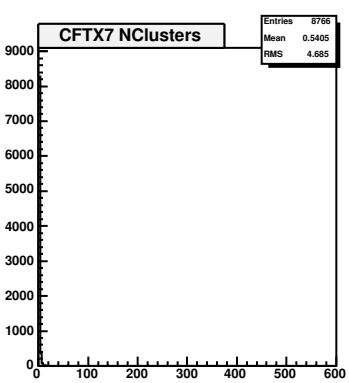


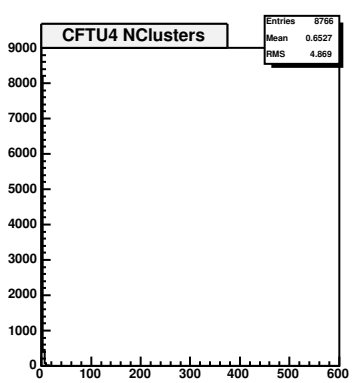


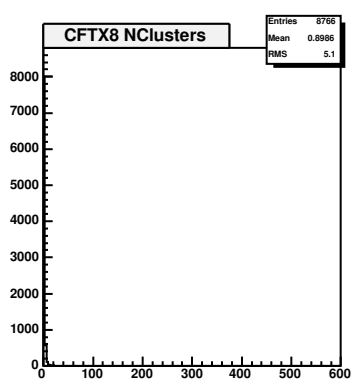


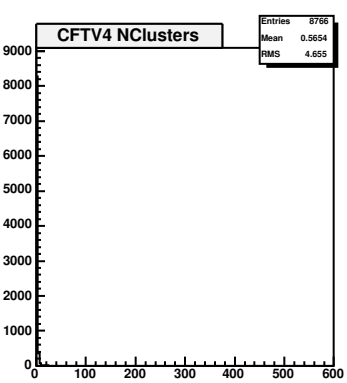




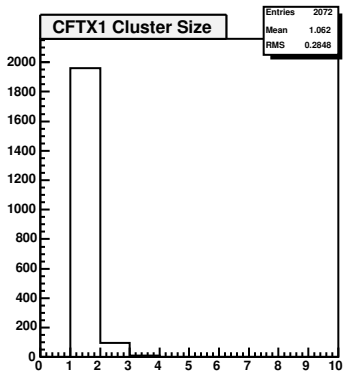


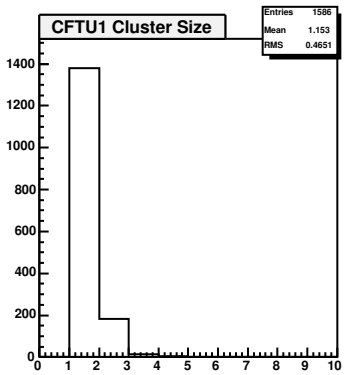


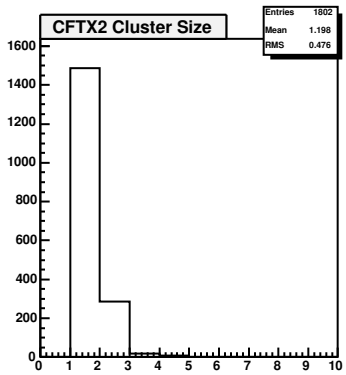


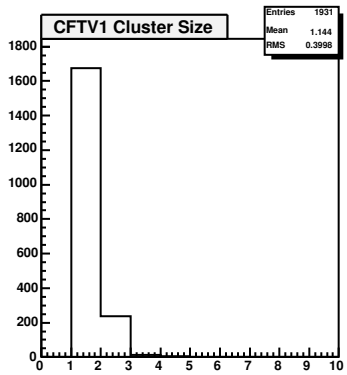


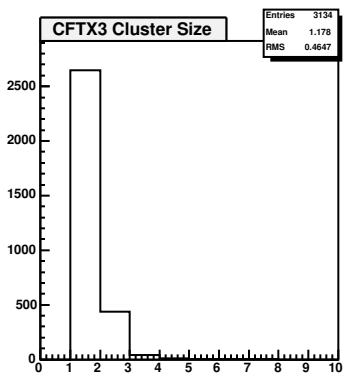
CFT NClusters (All Clusters)

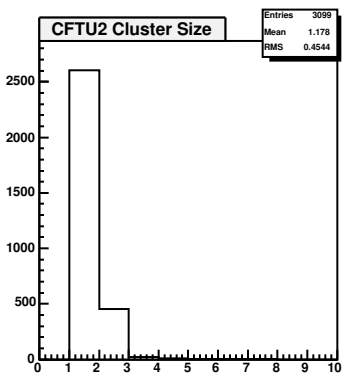


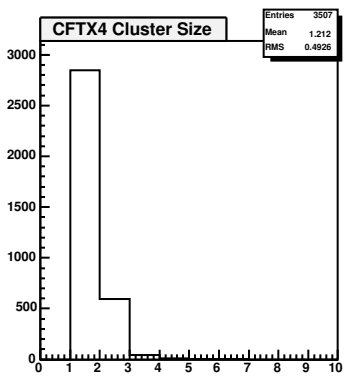


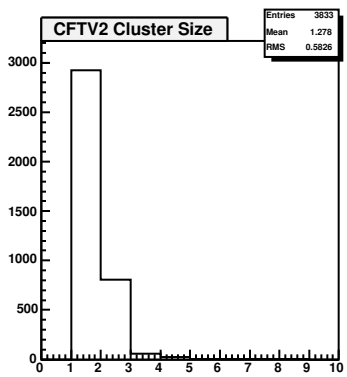


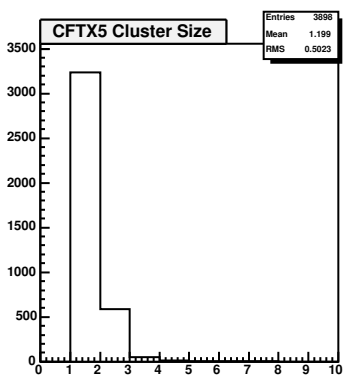


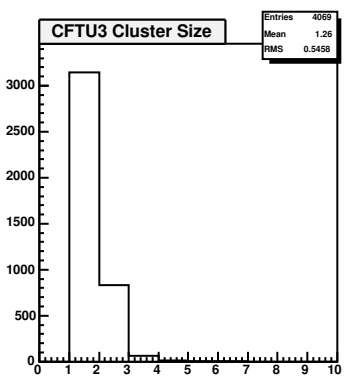


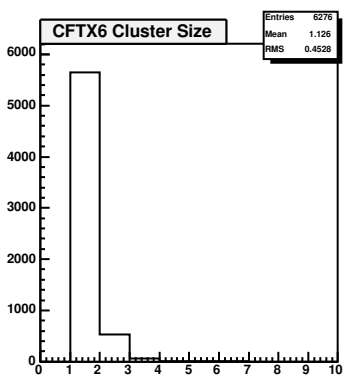


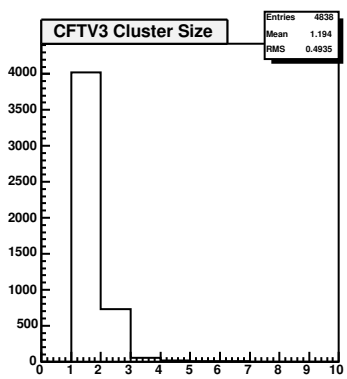


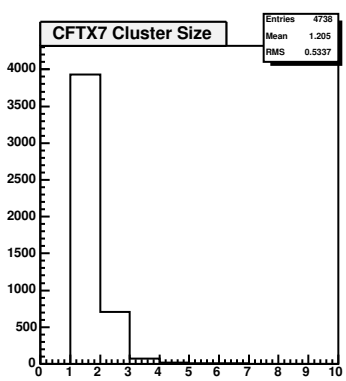


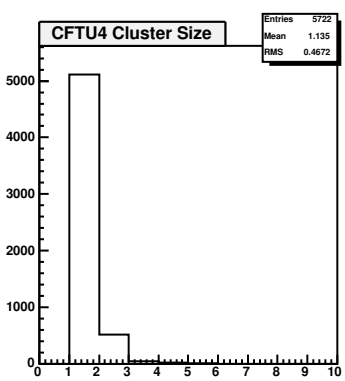


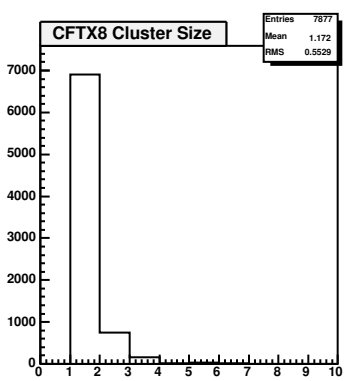


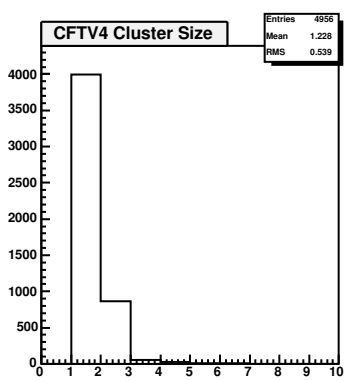




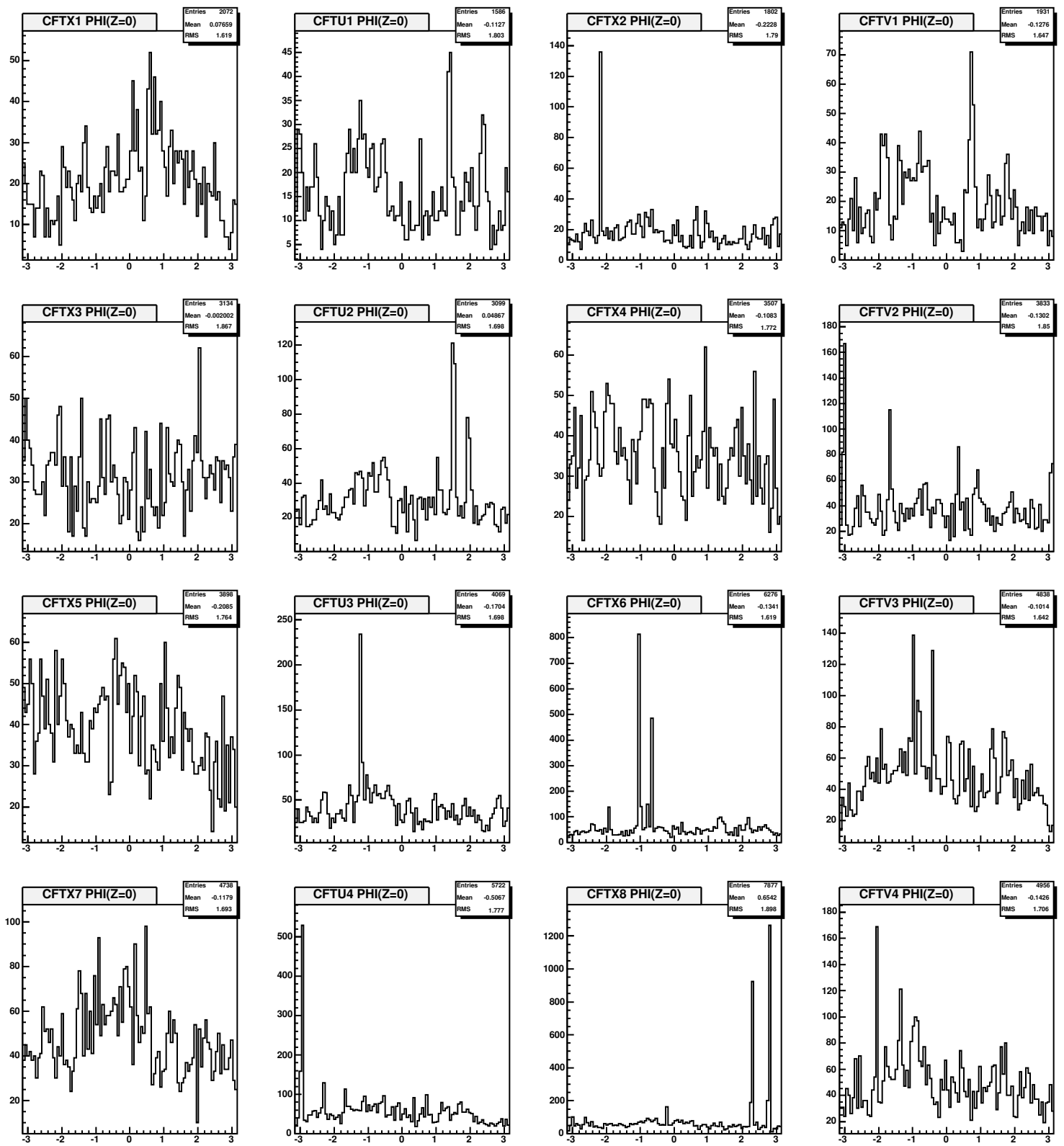




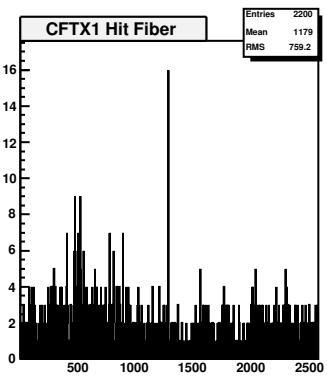


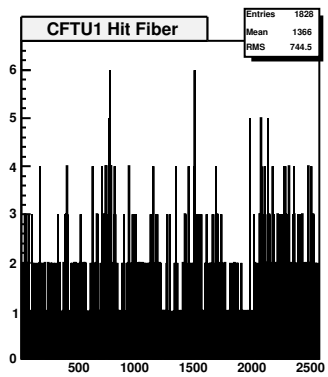


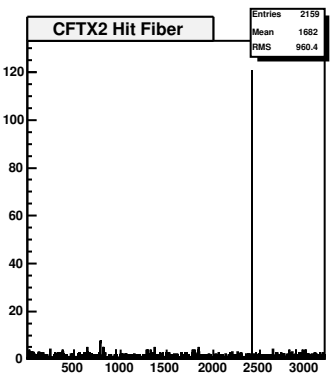
CFT Cluster Size (All Clusters)

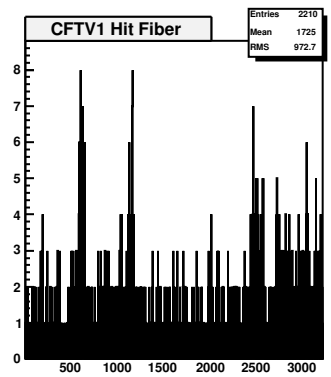


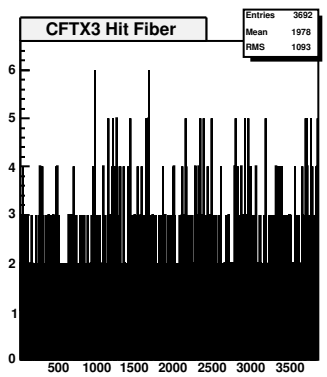
CFT PHI(Z=0) (All Clusters)

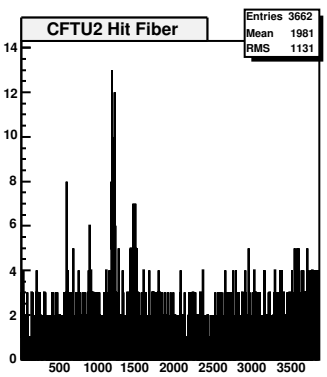


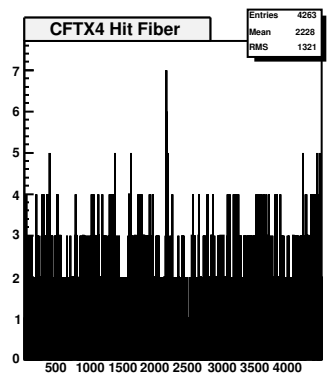


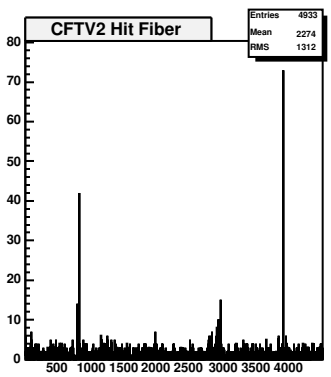


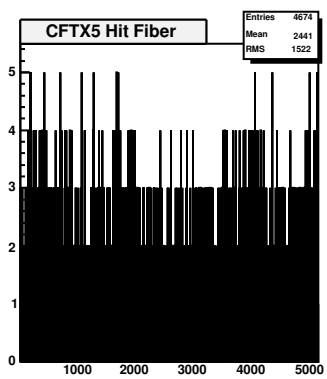


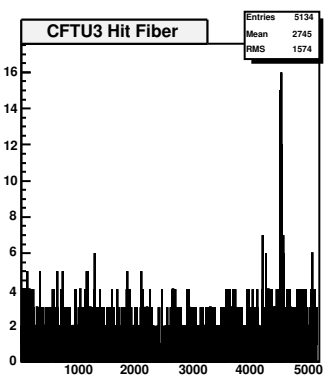


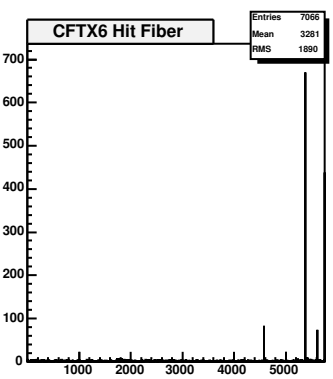


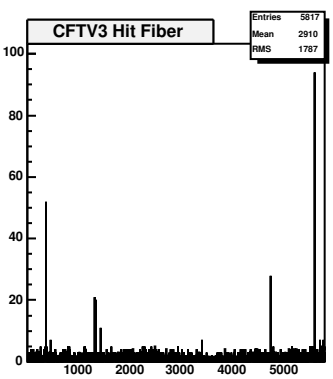


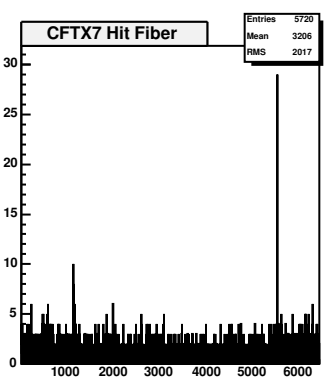


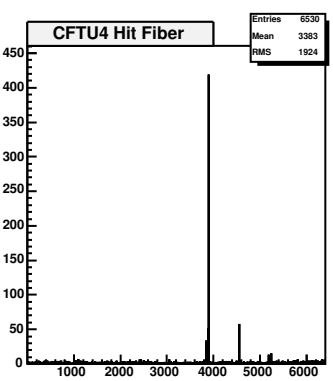


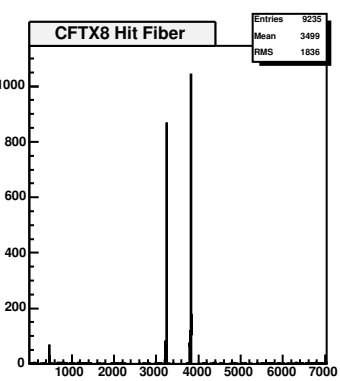


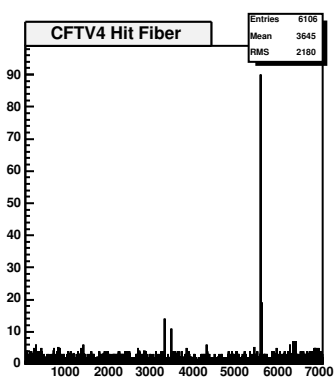




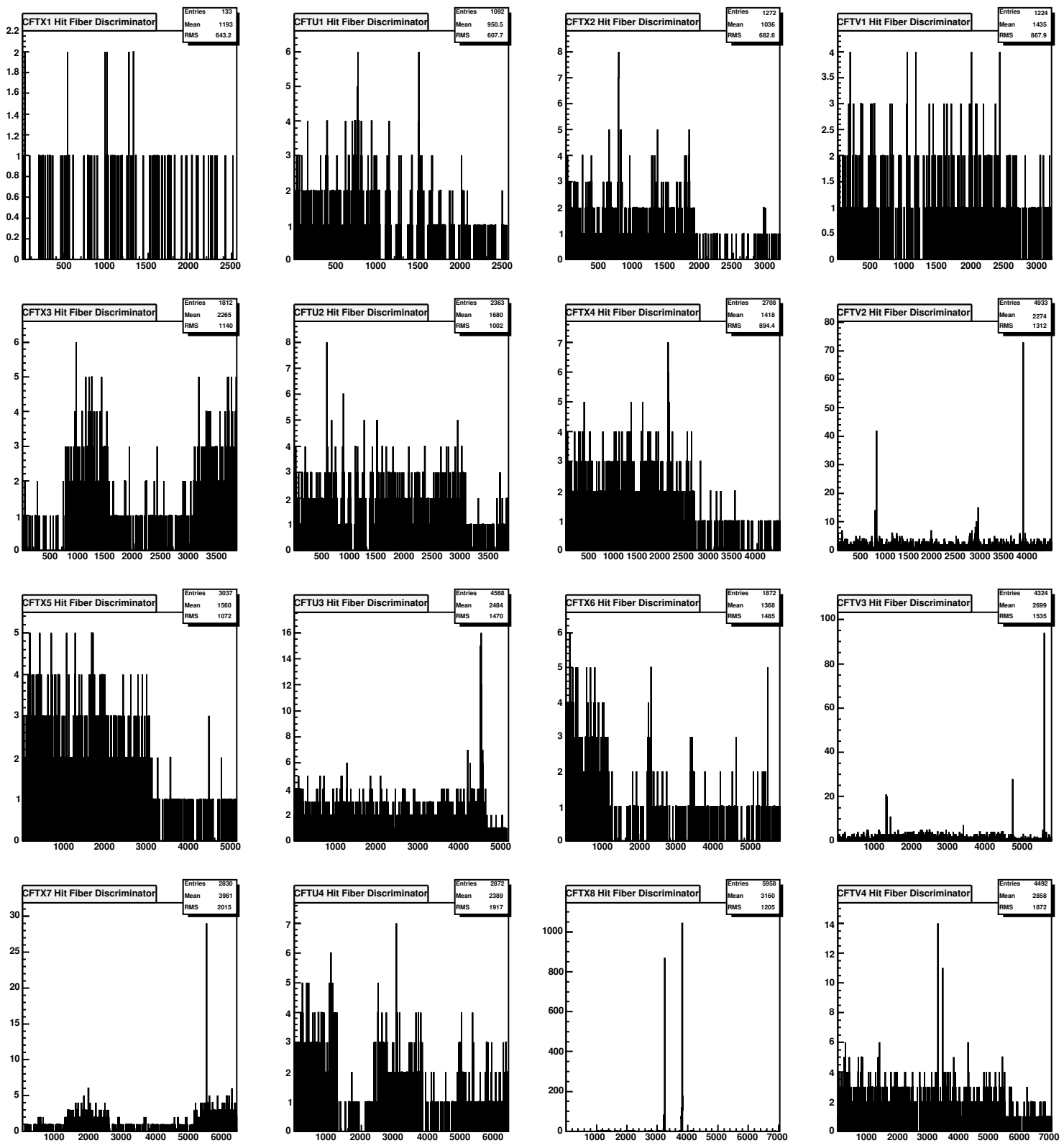




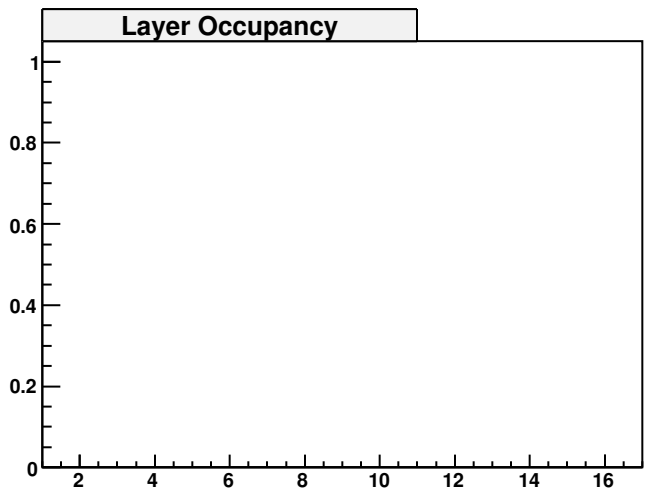


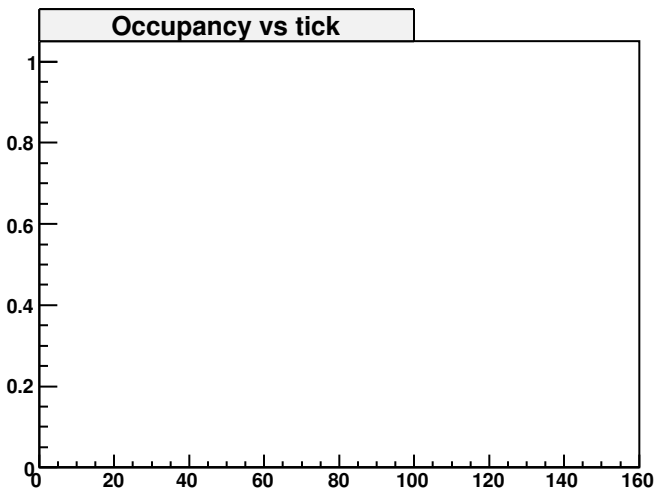


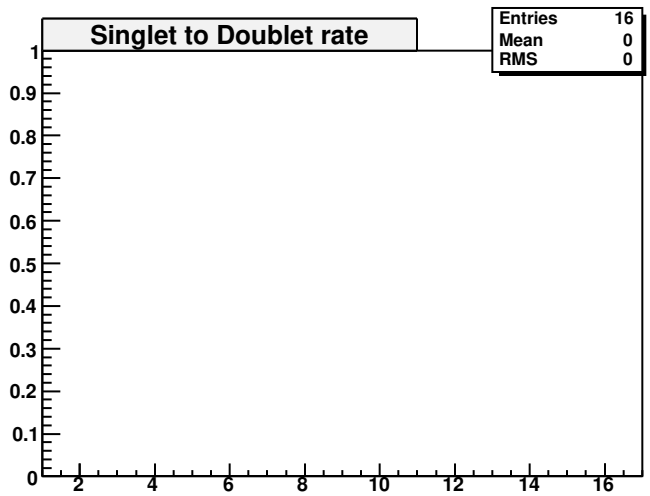
CFT Hit Fiber (All Clusters)

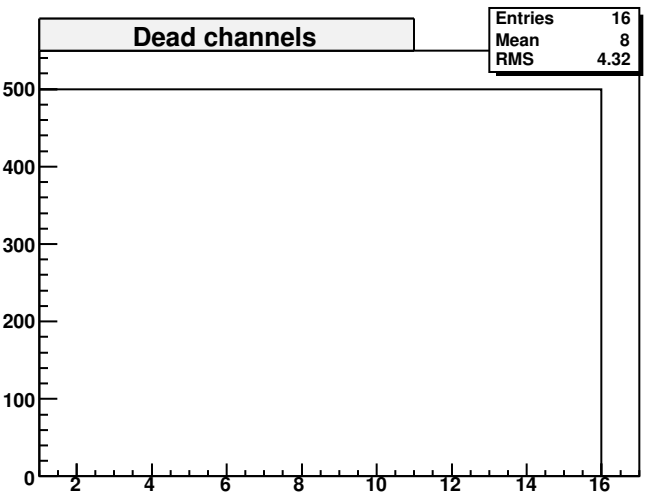


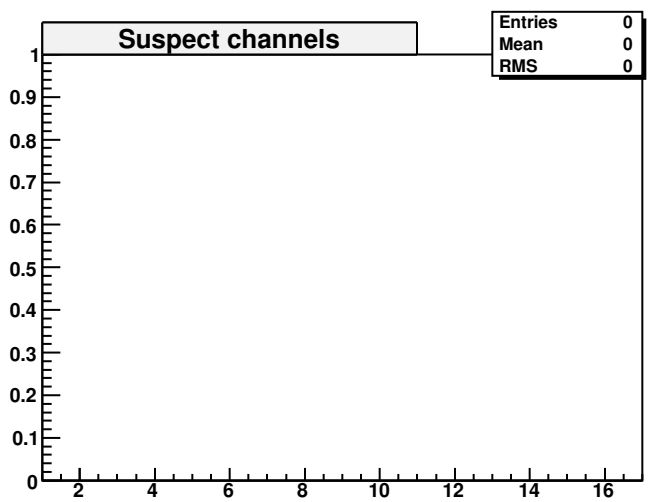
CFT Hit Fiber Discriminator (All Clusters)

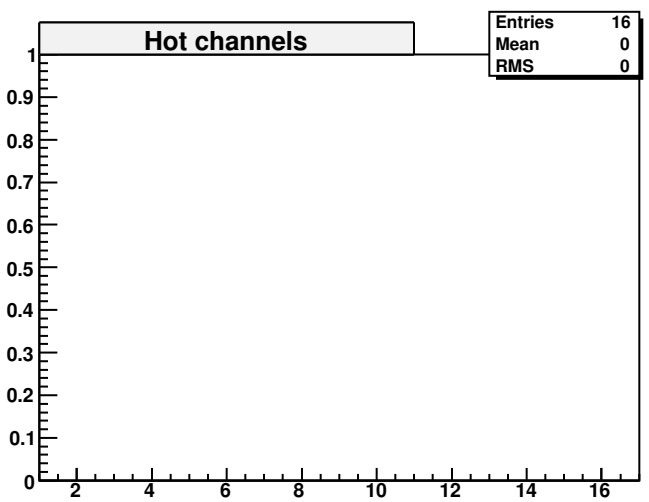




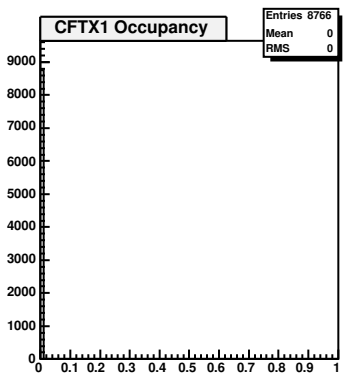


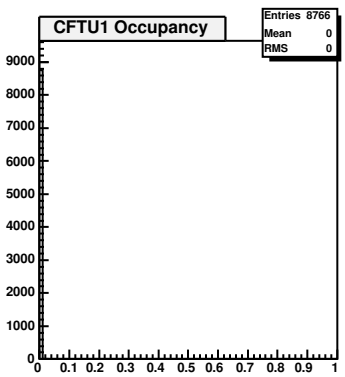


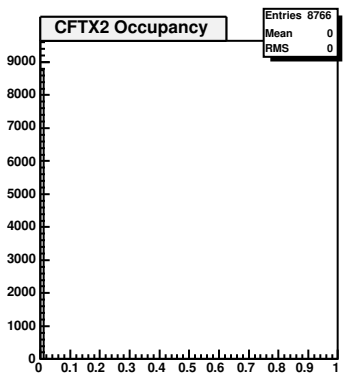


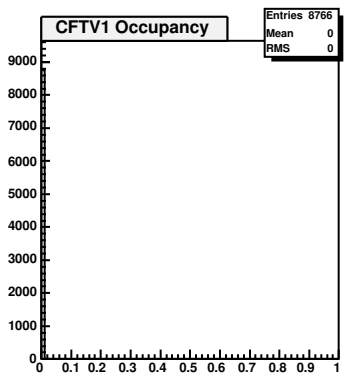


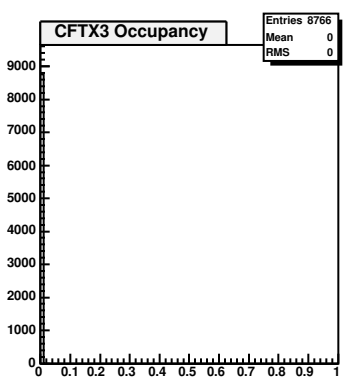
CFT Summary (Clusters on tracks)

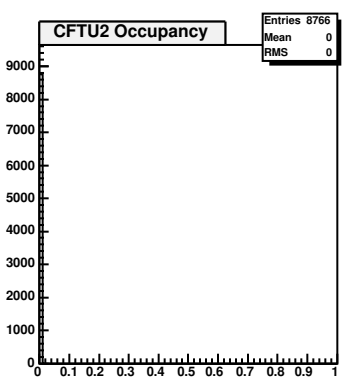


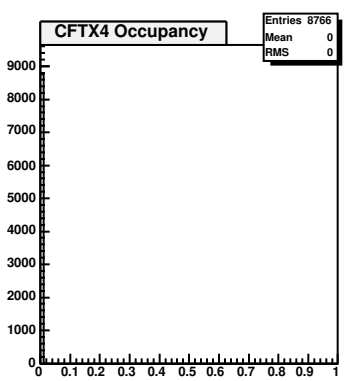


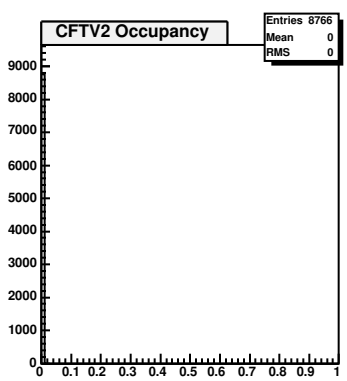


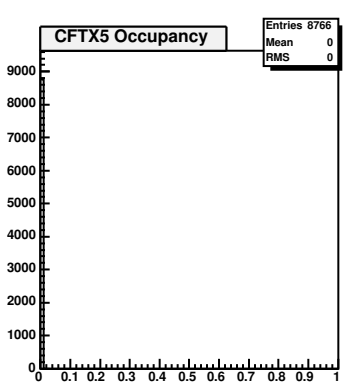


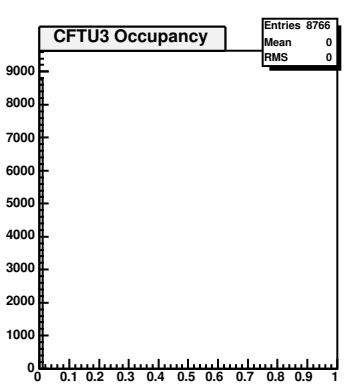


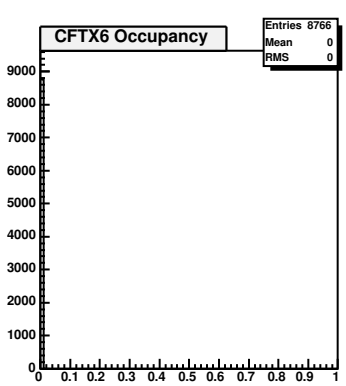


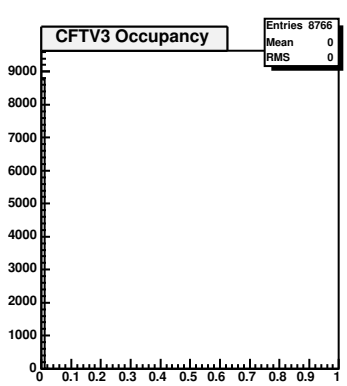


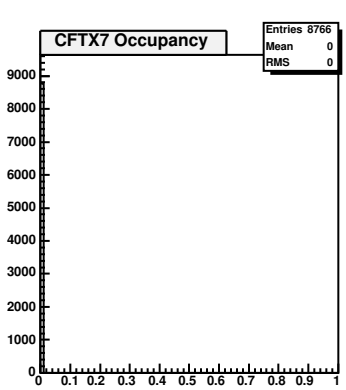


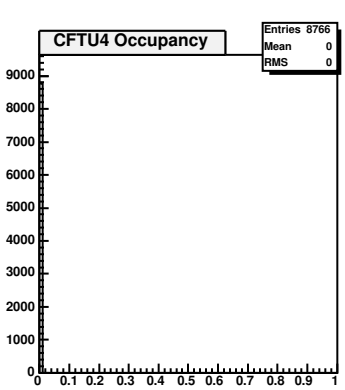


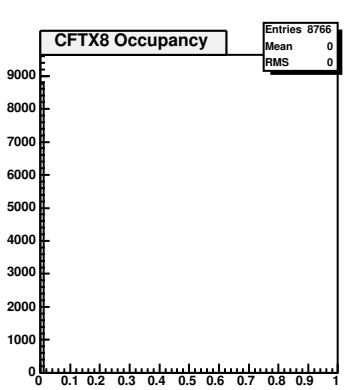


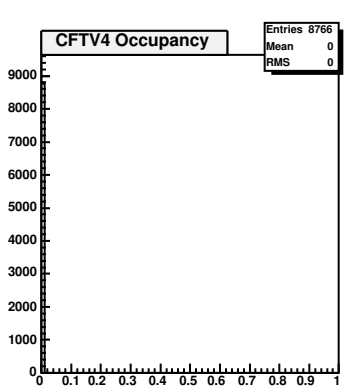




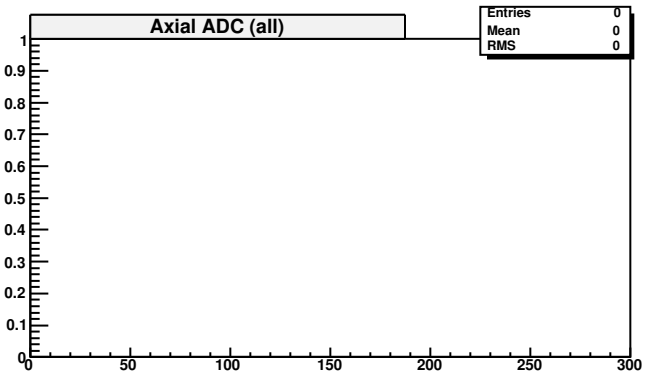


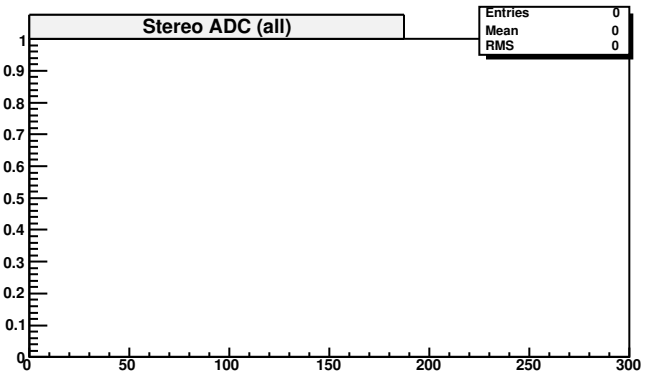


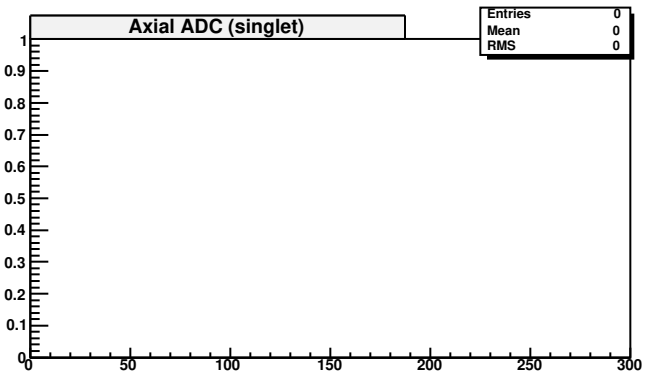


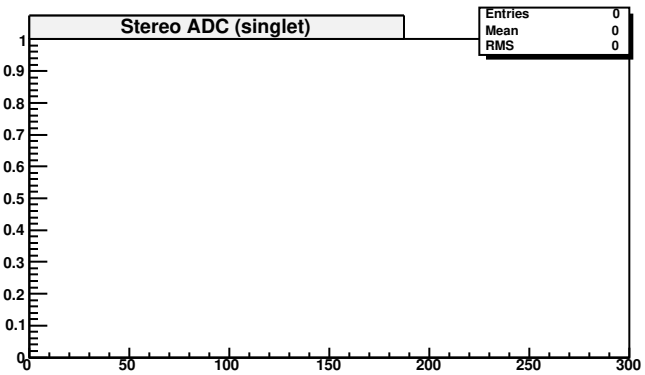


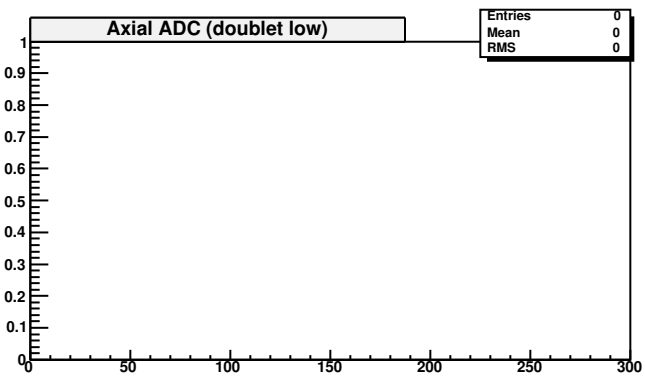
CFT Occupancy (Clusters on tracks)

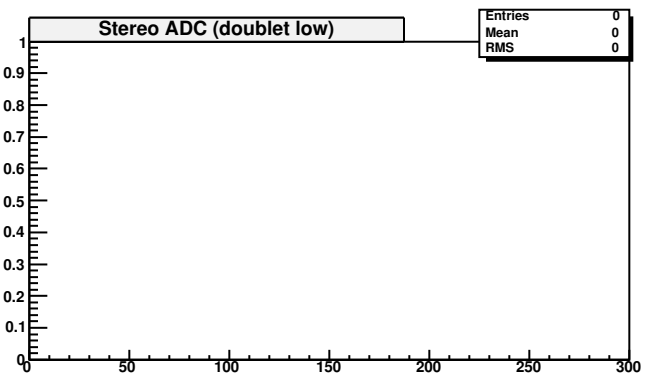


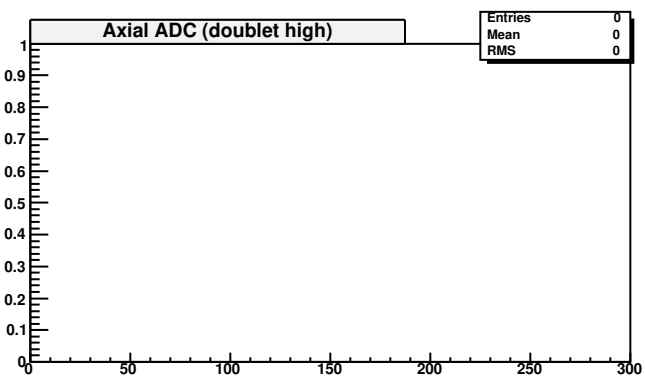


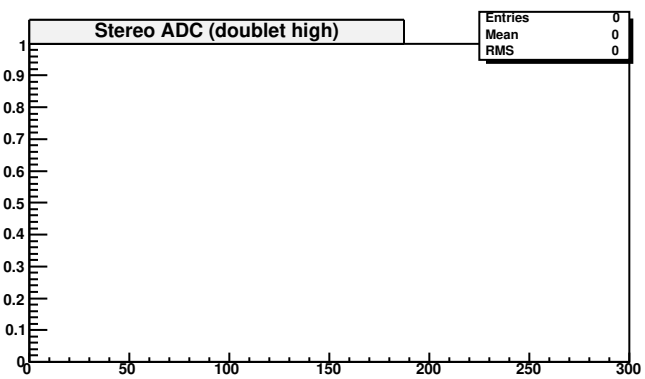




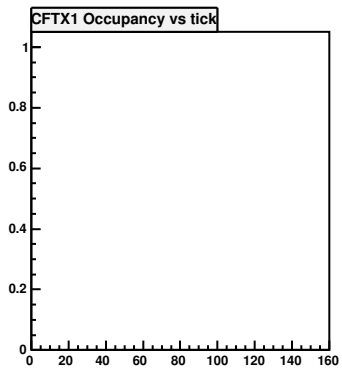


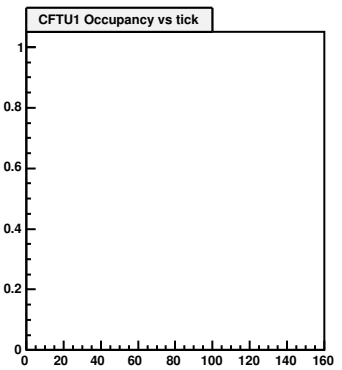


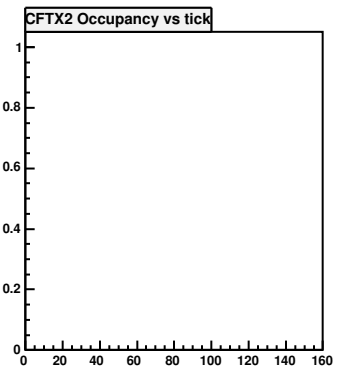


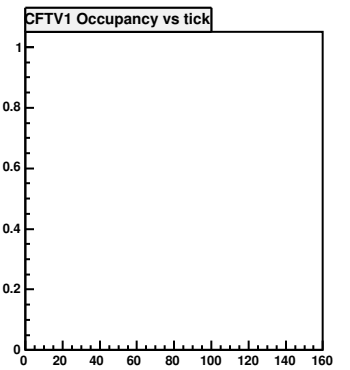


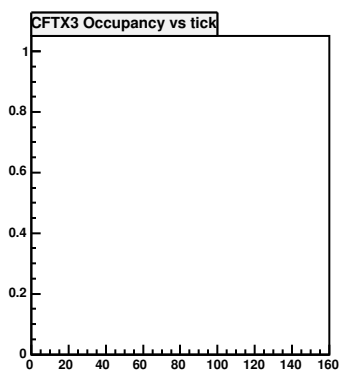
CFT ADC Summary (Clusters on tracks)

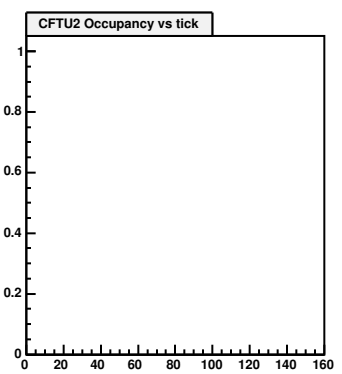


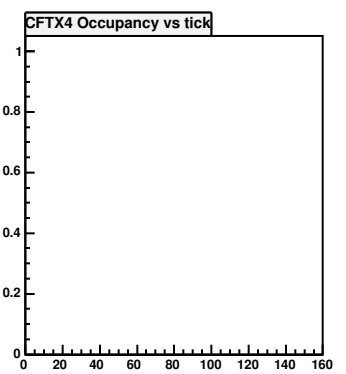


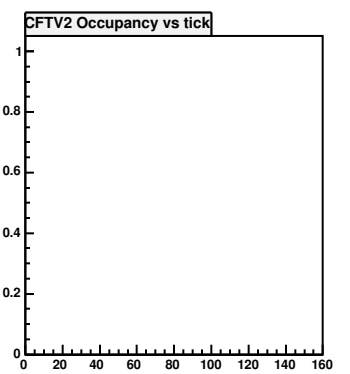


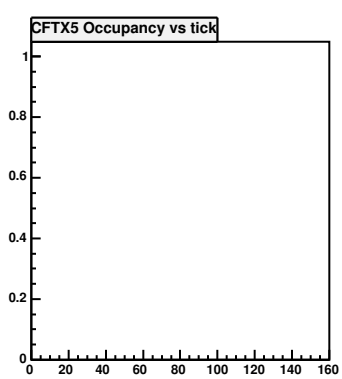


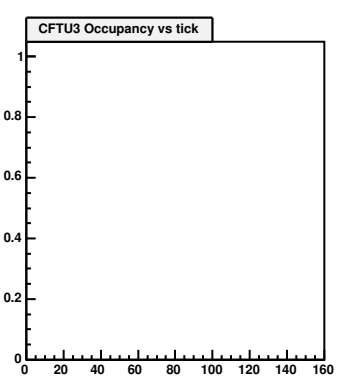


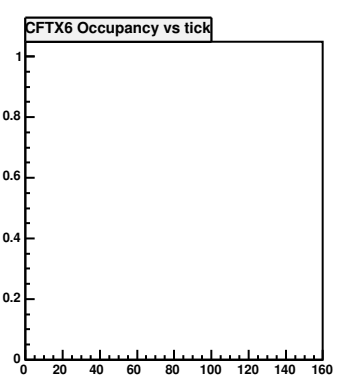


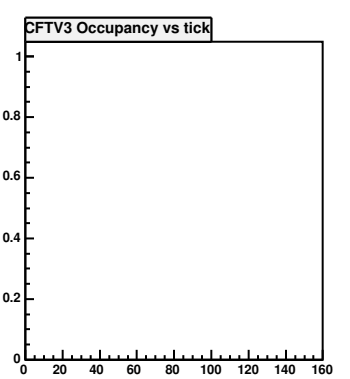


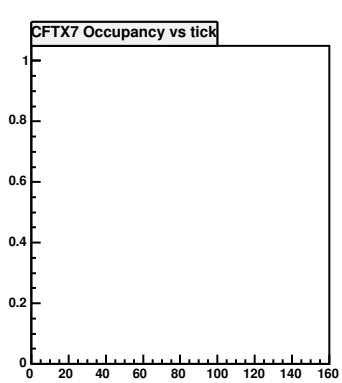


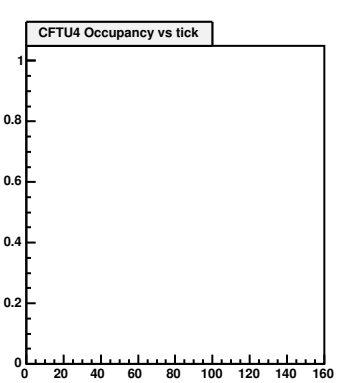


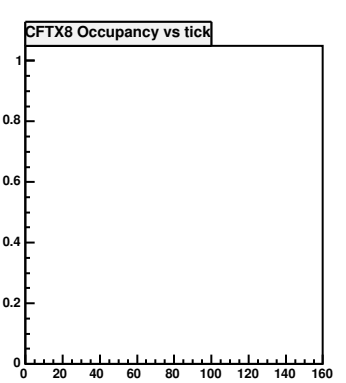


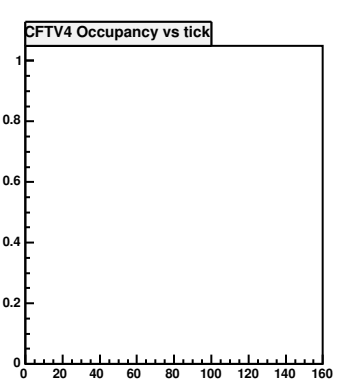




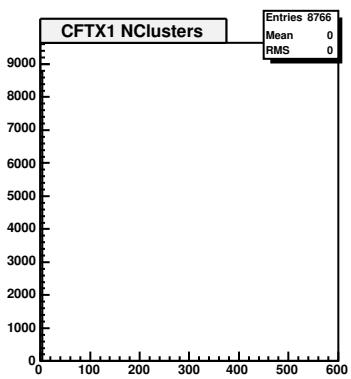


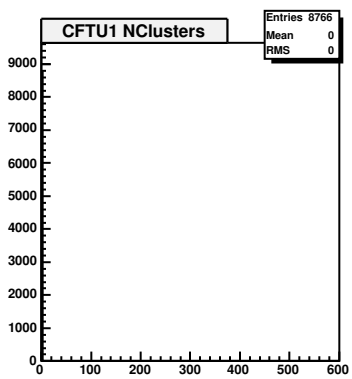


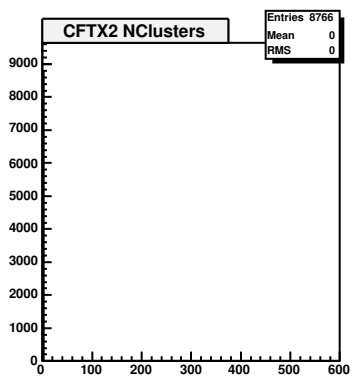


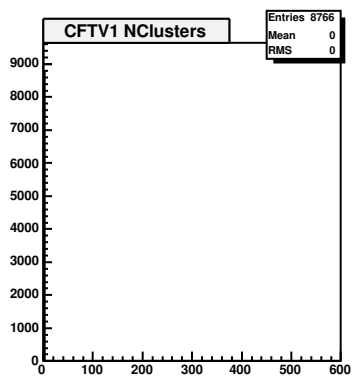


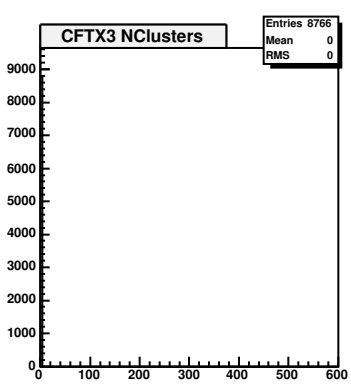
CFT Occupancy vs Tick (Clusters on tracks)

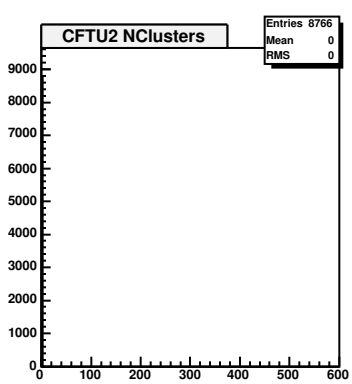


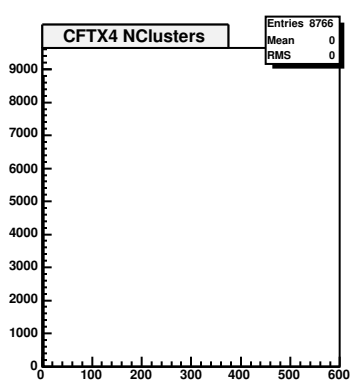


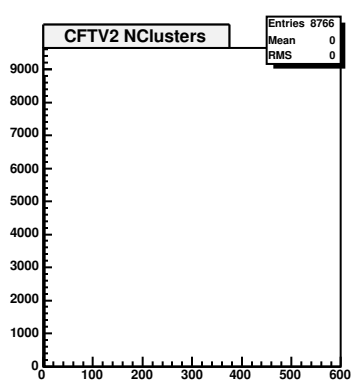


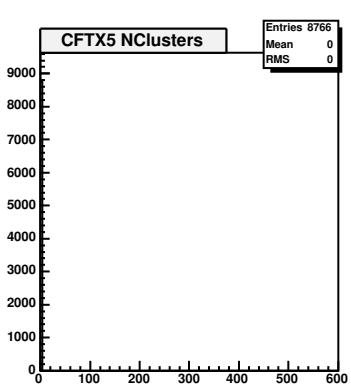


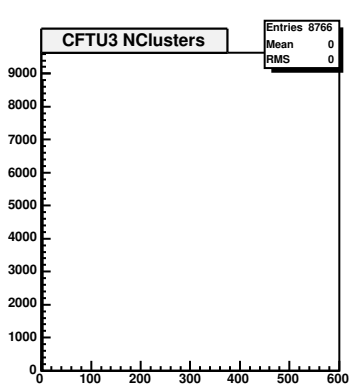


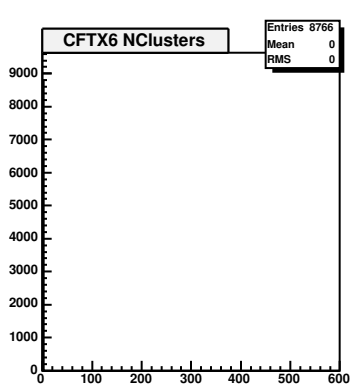


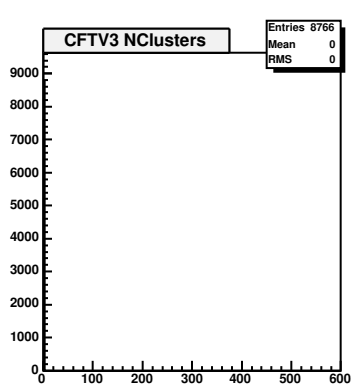


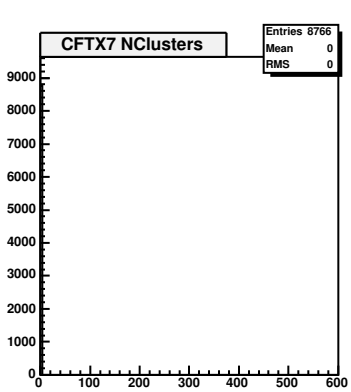


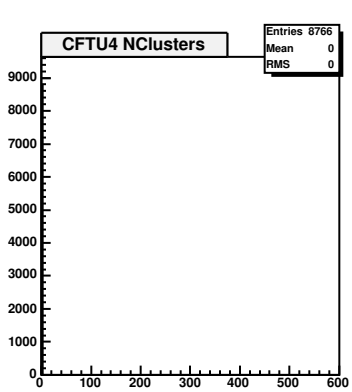


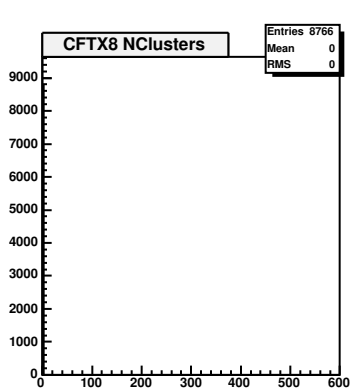


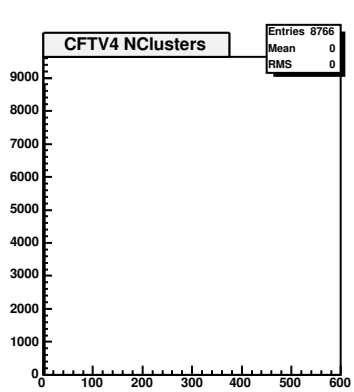




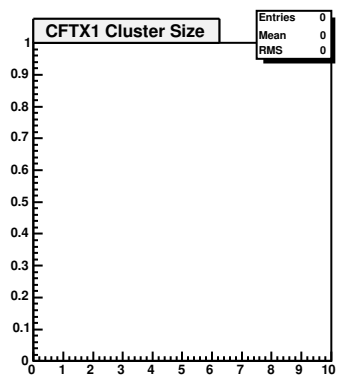


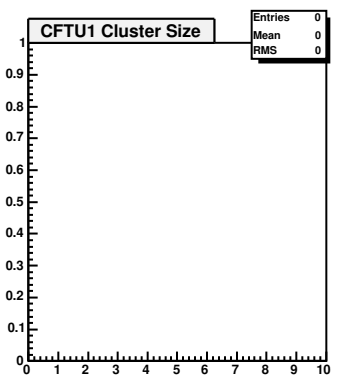


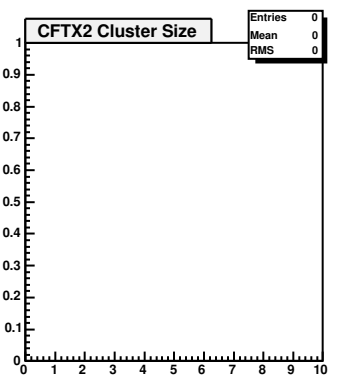


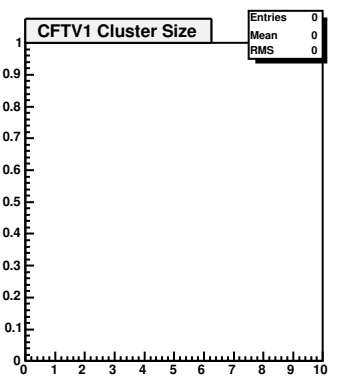


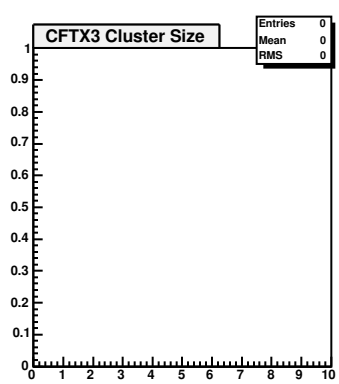
CFT NClusters (Clusters on tracks)

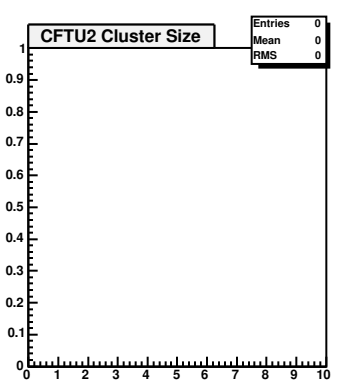


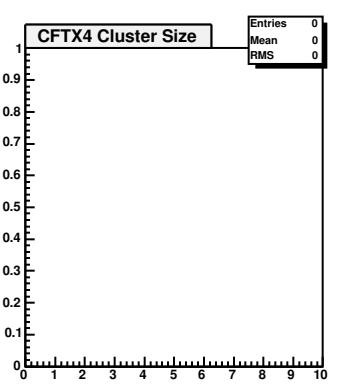


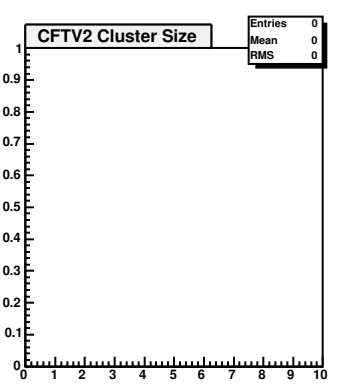


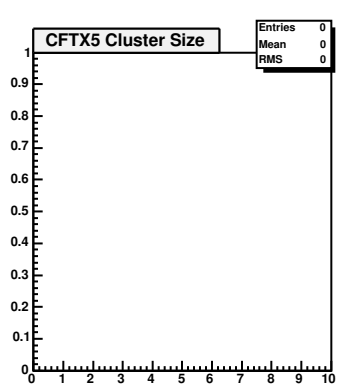


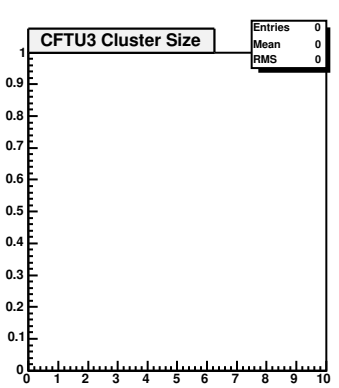


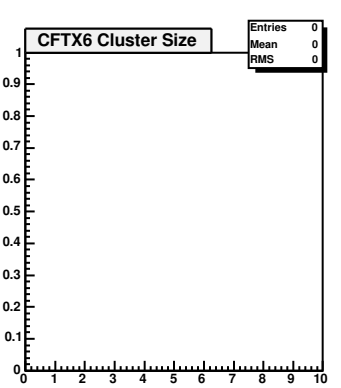


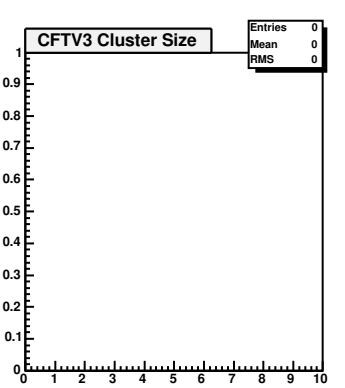


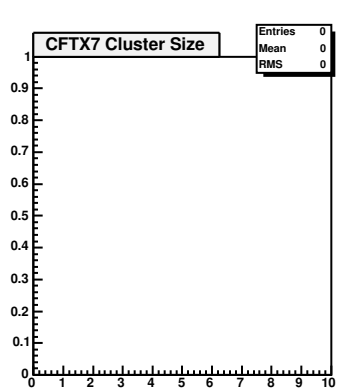


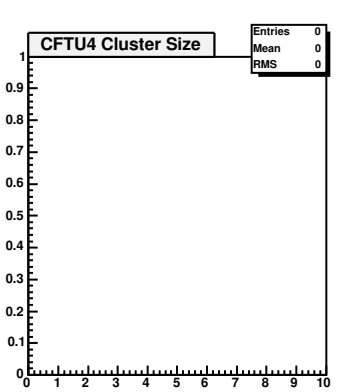


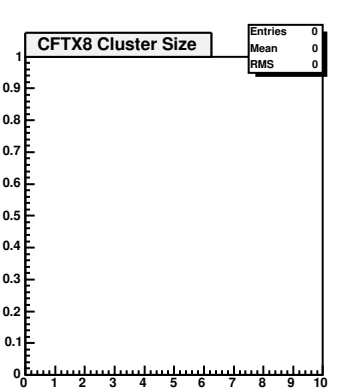


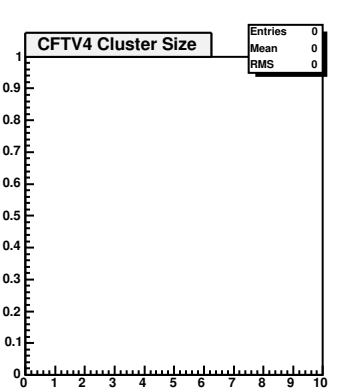




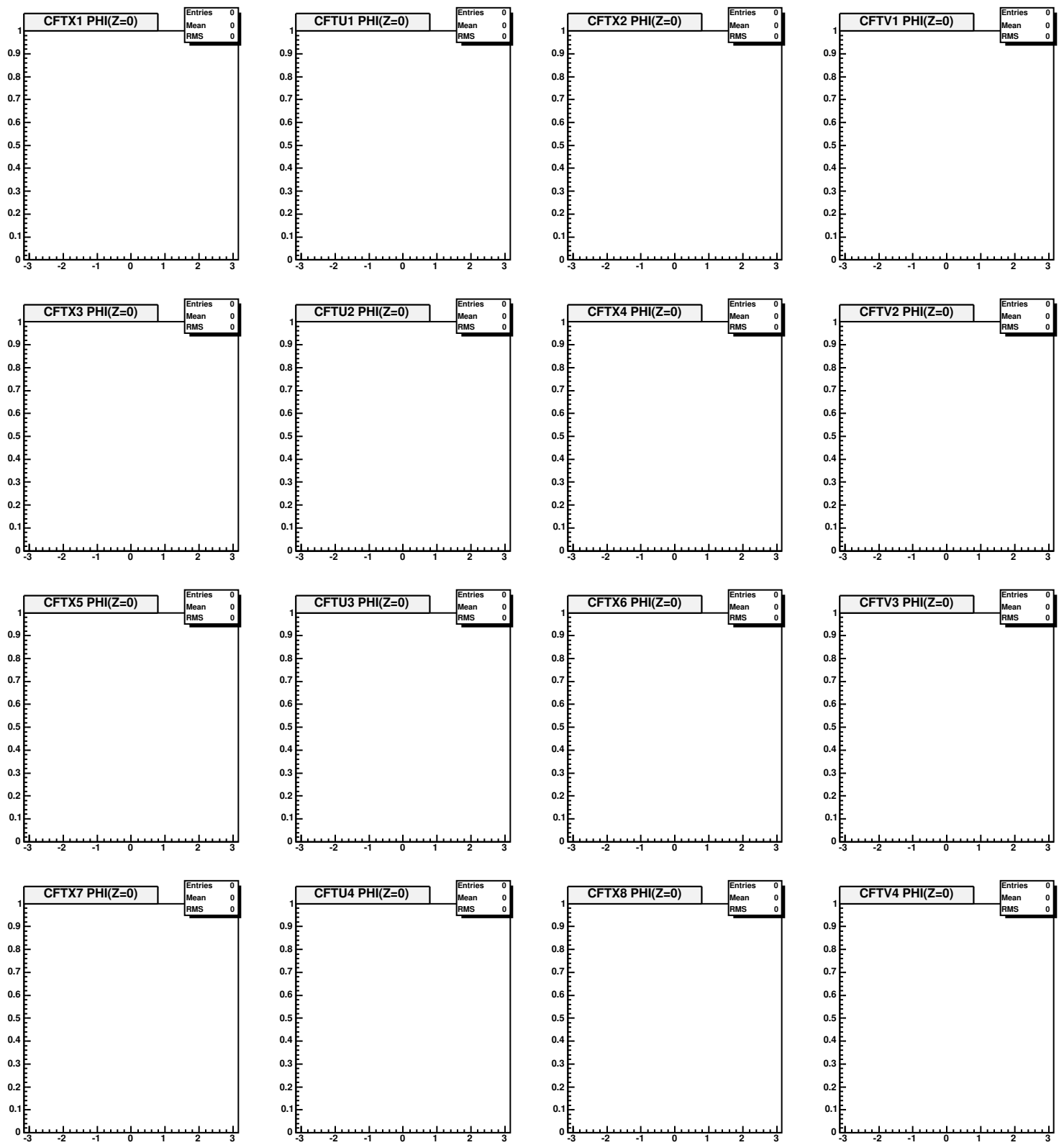




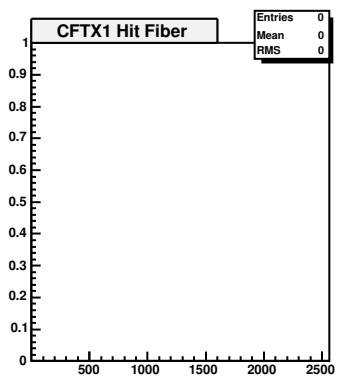


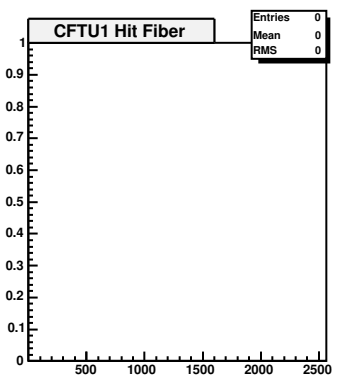


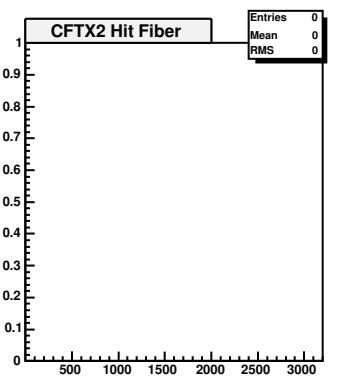
CFT Cluster Size (Clusters on tracks)

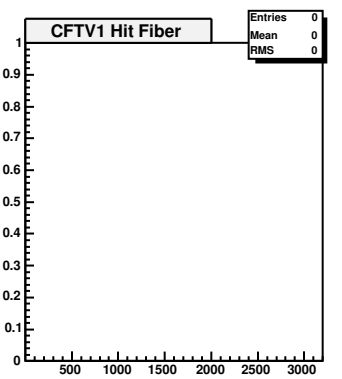


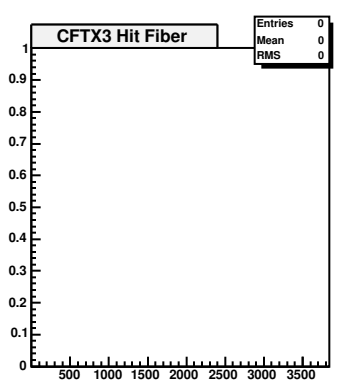
CFT PHI(Z=0) (Clusters on tracks)

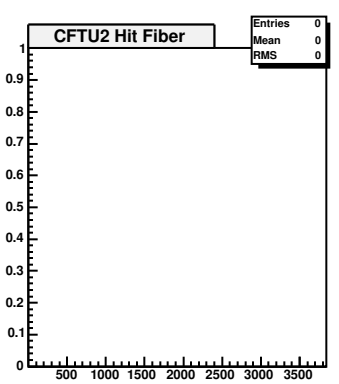


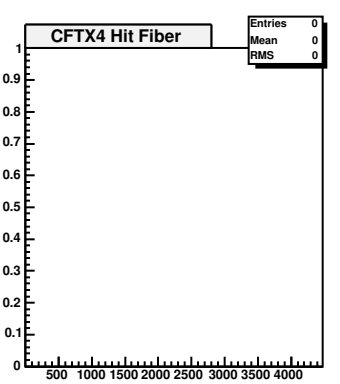


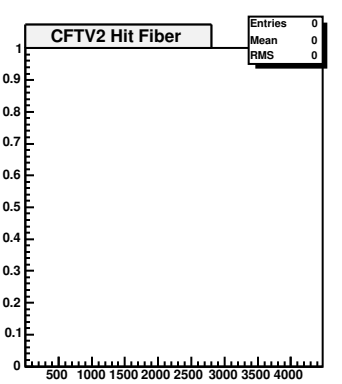


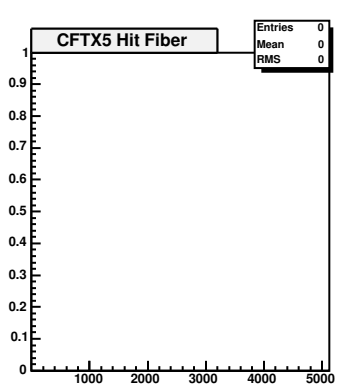


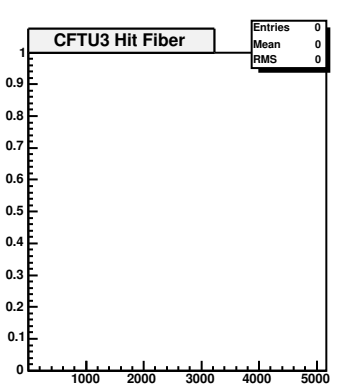


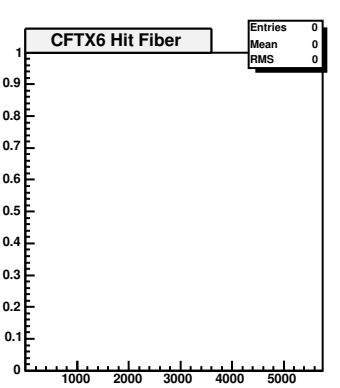


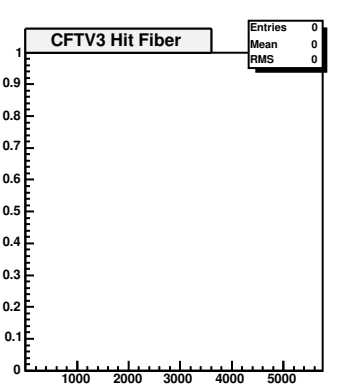


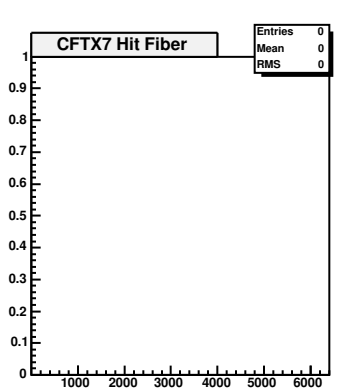


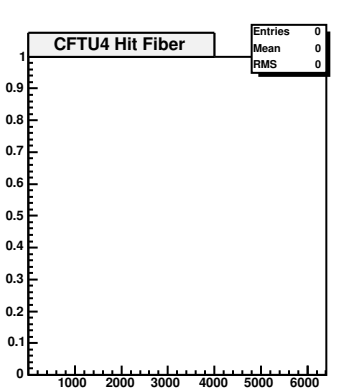


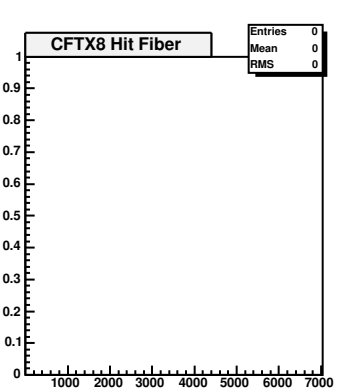


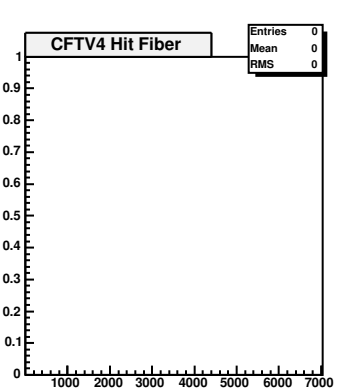




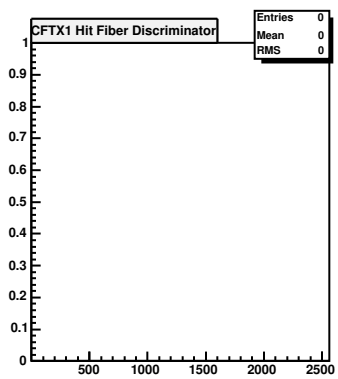


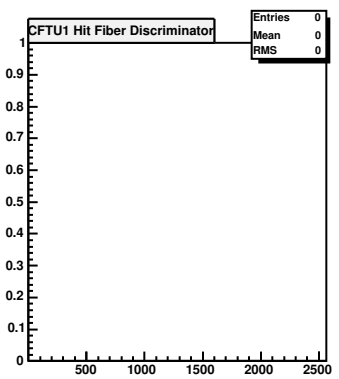


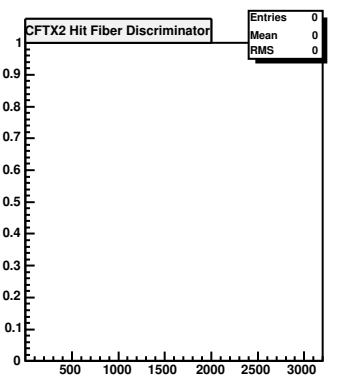


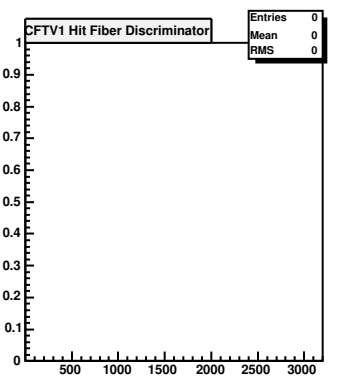


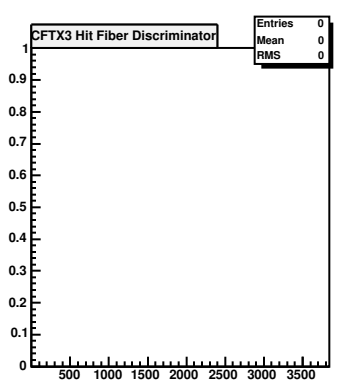
CFT Hit Fiber (Clusters on tracks)

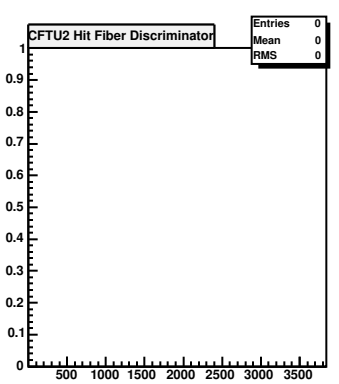


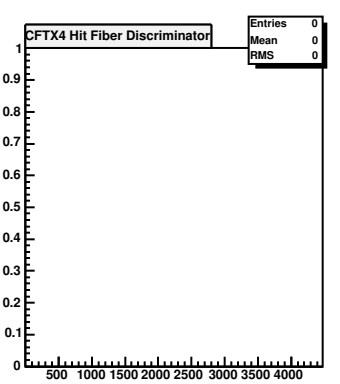


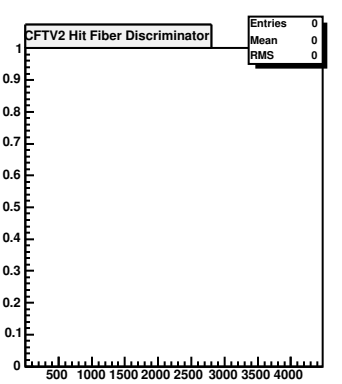


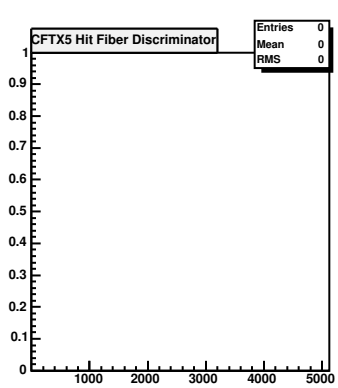


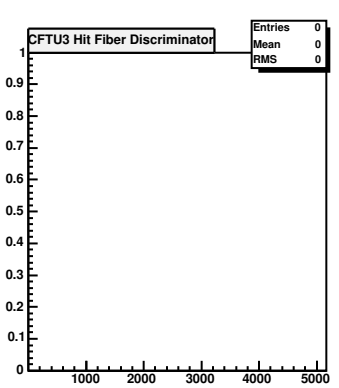


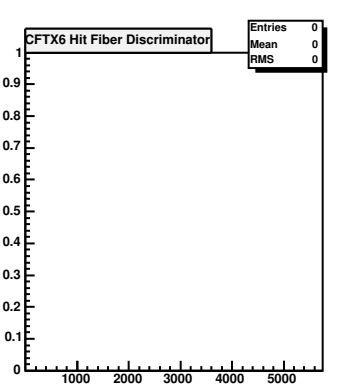


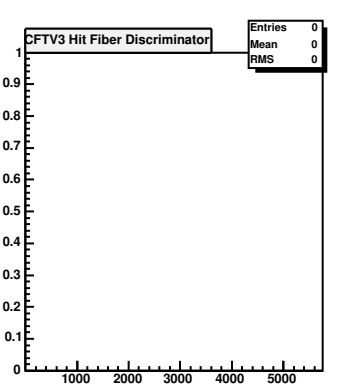


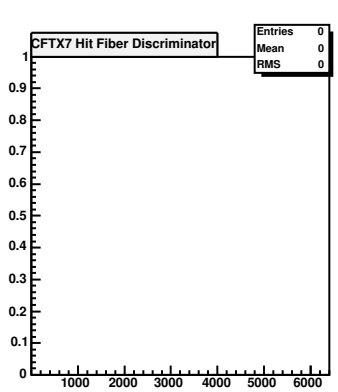


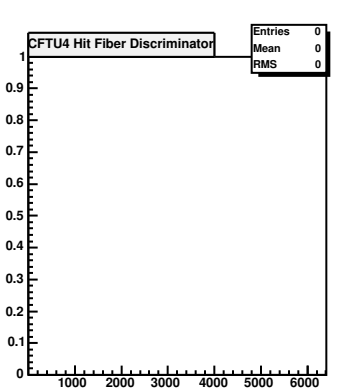


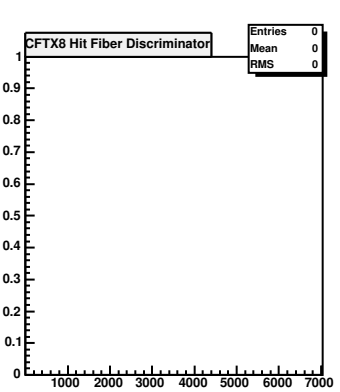


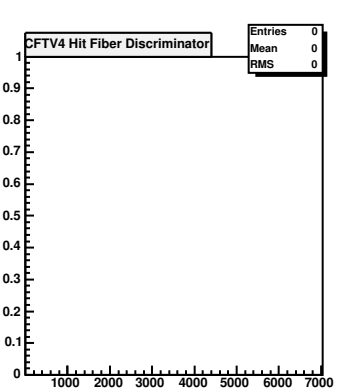




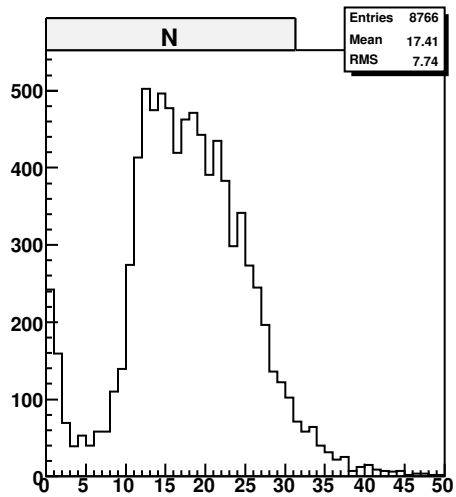


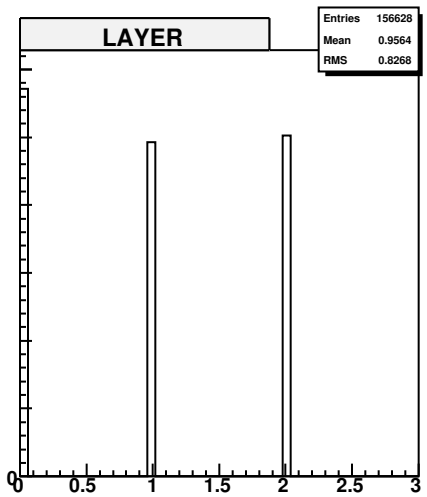


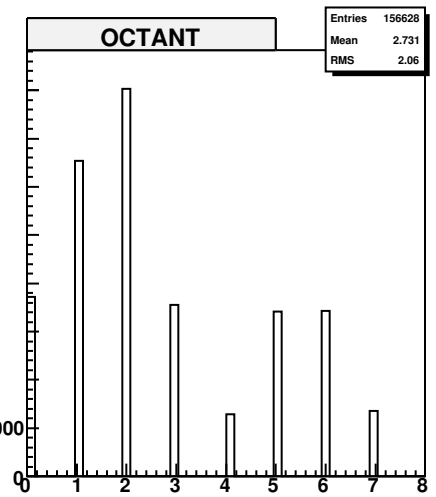


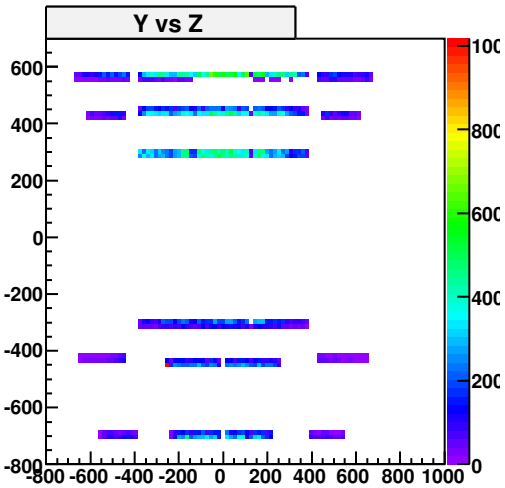


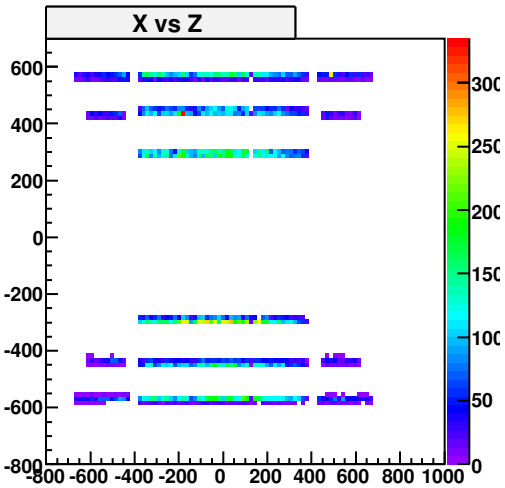
CFT Hit Fiber Discriminator (Clusters on tracks)

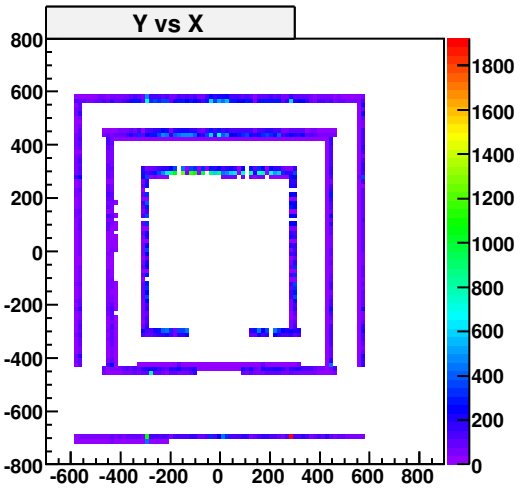

N
Entries 8766
Mean 17.41
RMS 7.74

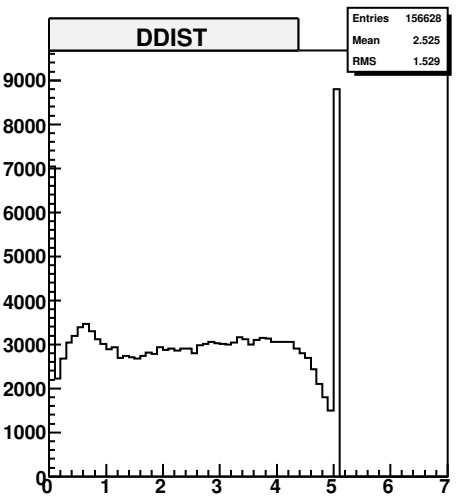

LAYER
Entries 156628
Mean 0.9564
RMS 0.8268

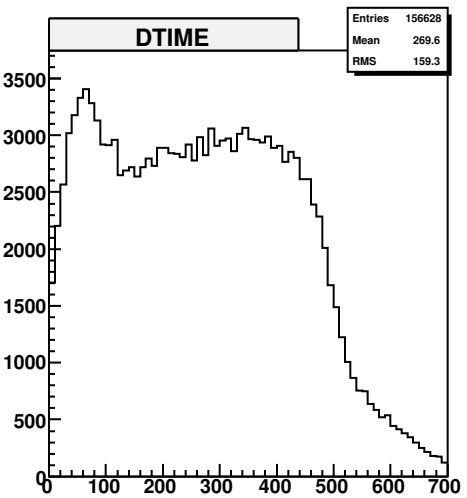

OCTANT
Entries 156628
Mean 2.731
RMS 2.06


Y vs Z

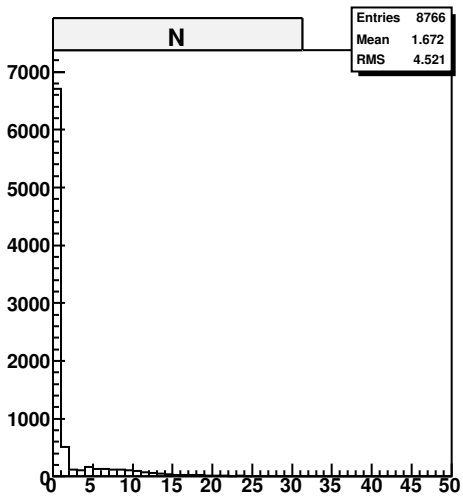

X vs Z

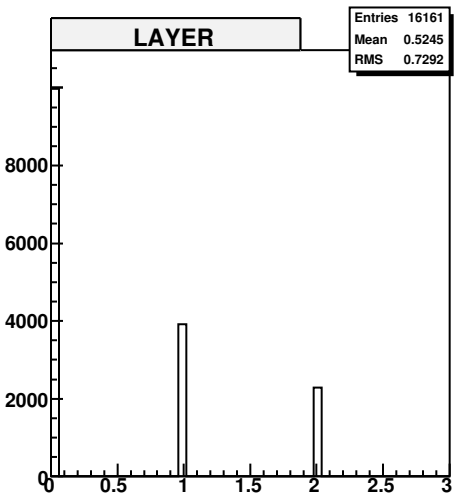

Y vs X

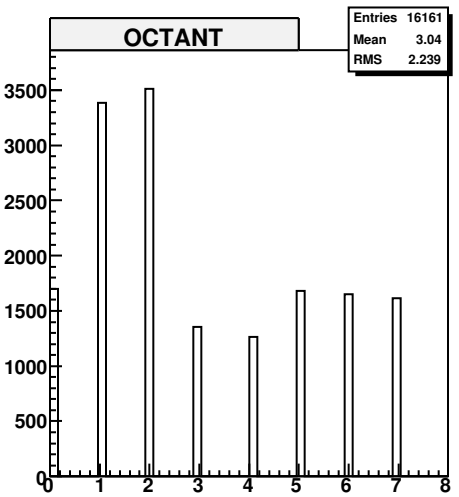

DDIST
Entries 156628
Mean 2.525
RMS 1.529

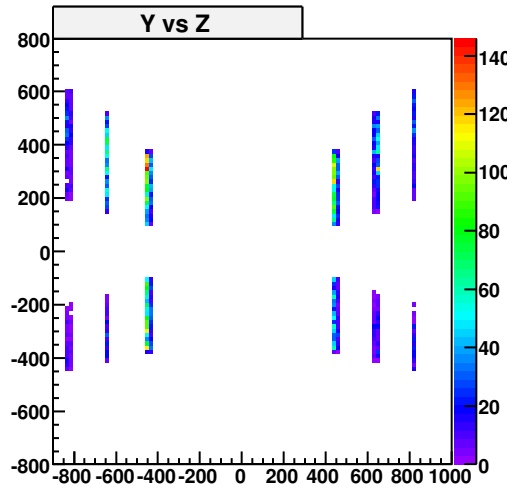

DTIME
Entries 156628
Mean 269.6
RMS 159.3

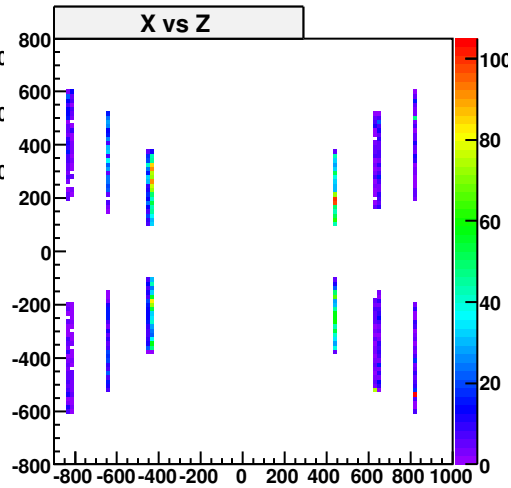
MuonPDT (All)

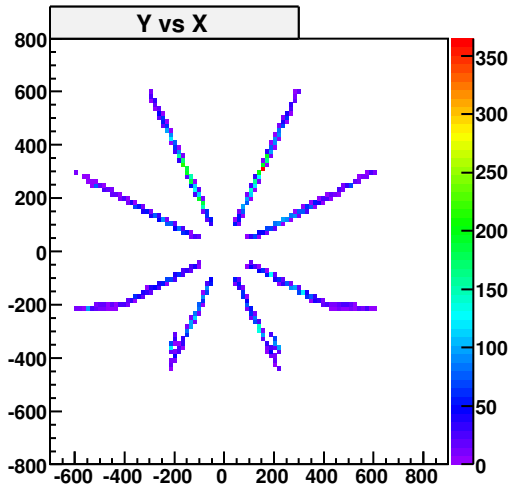

N
Entries 8766
Mean 1.672
RMS 4.521

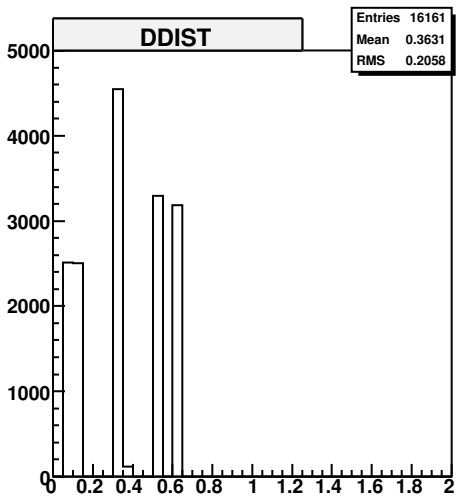

LAYER
Entries 16161
Mean 0.5245
RMS 0.7292

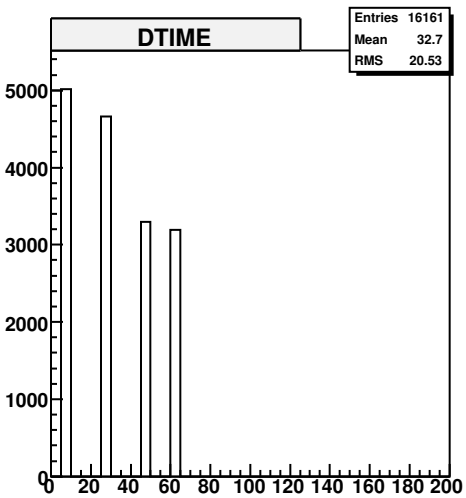

OCTANT
Entries 16161
Mean 3.04
RMS 2.239


Y vs Z

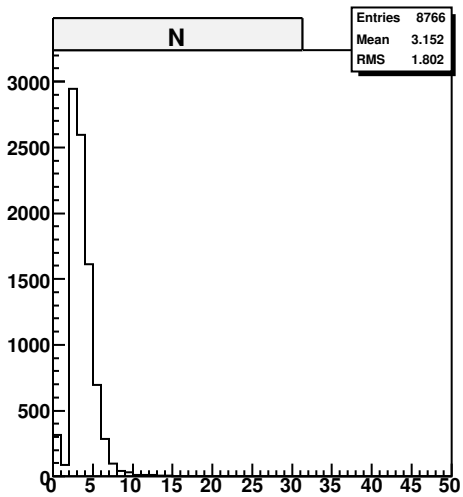

X vs Z

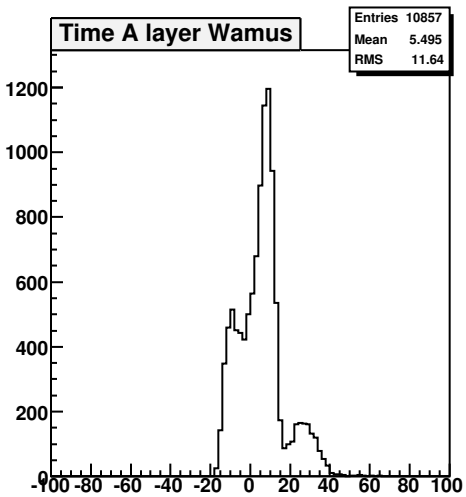

Y vs X

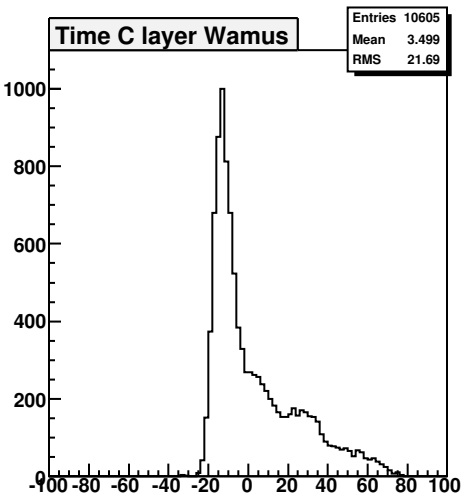

DDIST
Entries 16161
Mean 0.3631
RMS 0.2058

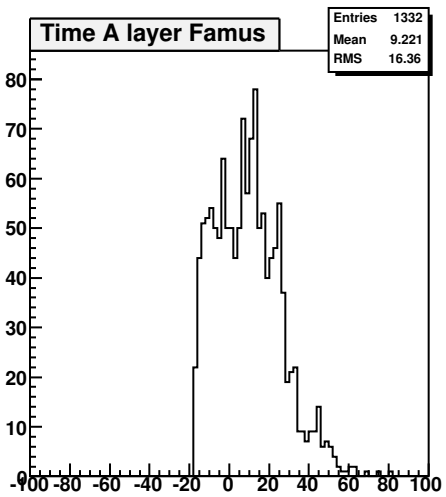

DTIME
Entries 16161
Mean 32.7
RMS 20.53

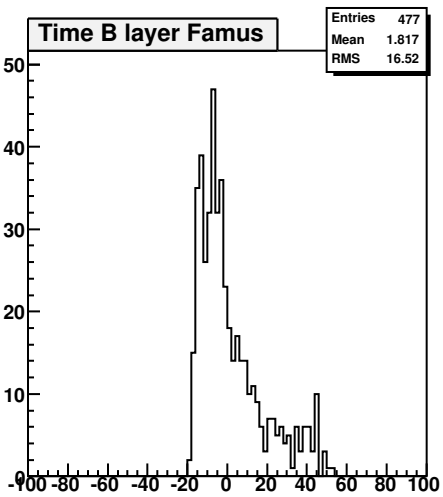
MuonMDT (All)

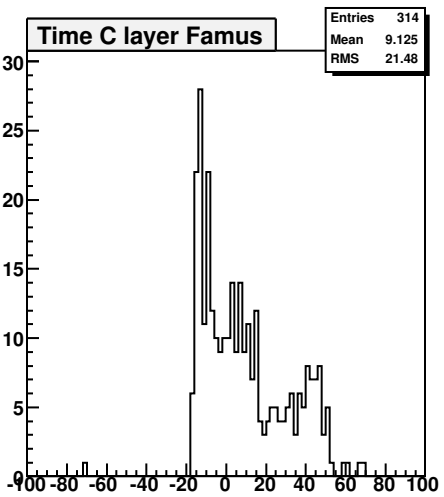

N
Entries 8766
Mean 3.152
RMS 1.802

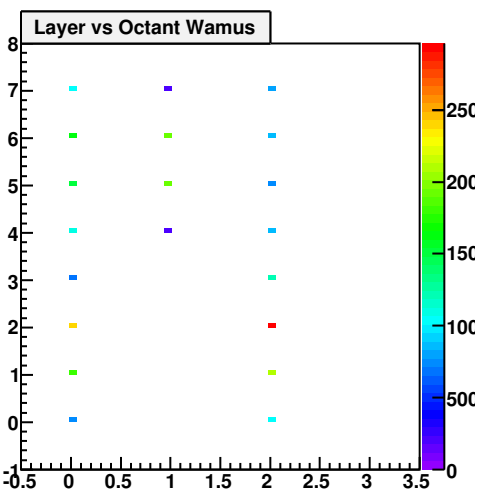

Time A layer Wamus
Entries 10857
Mean 5.495
RMS 11.64

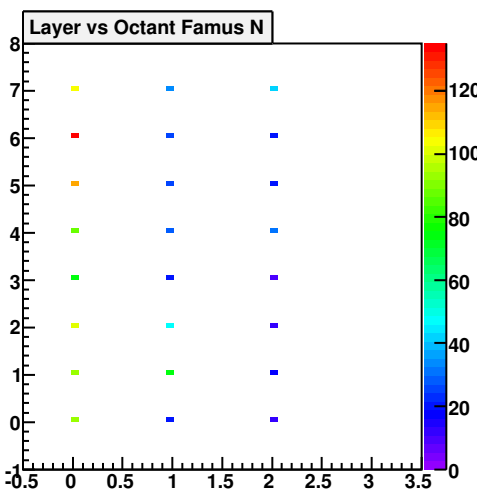

Time C layer Wamus
Entries 10605
Mean 3.499
RMS 21.69

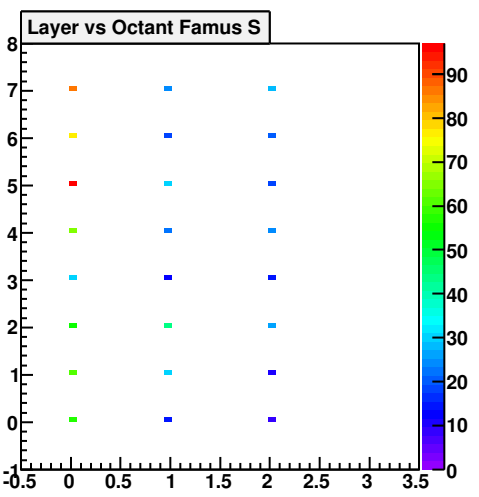

Time A layer Famus
Entries 1332
Mean 9.221
RMS 16.36


Time B layer Famus
Entries 477
Mean 1.817
RMS 16.52

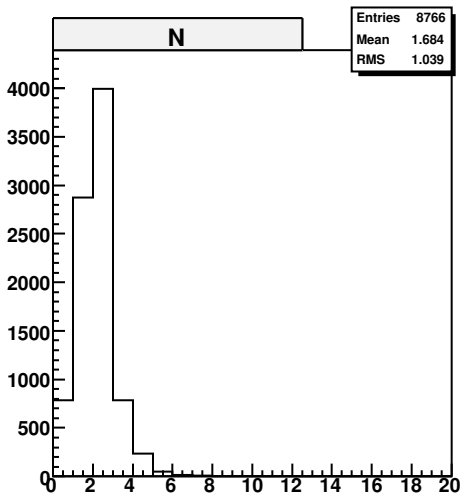

Time C layer Famus
Entries 314
Mean 9.125
RMS 21.48

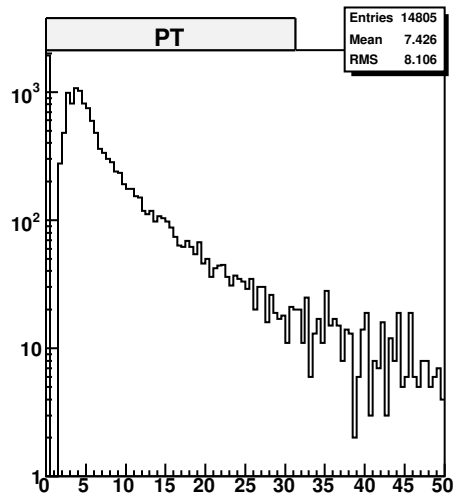

Layer vs Octant Wamus

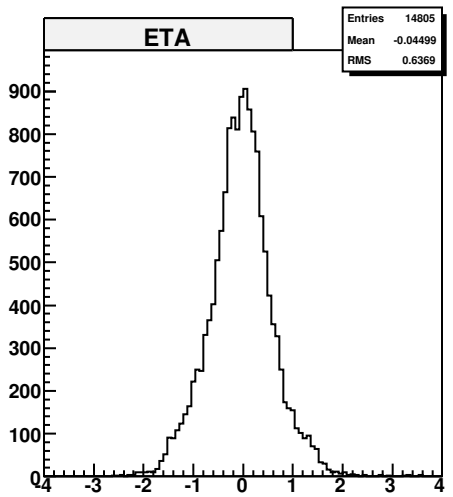

Layer vs Octant Famus N

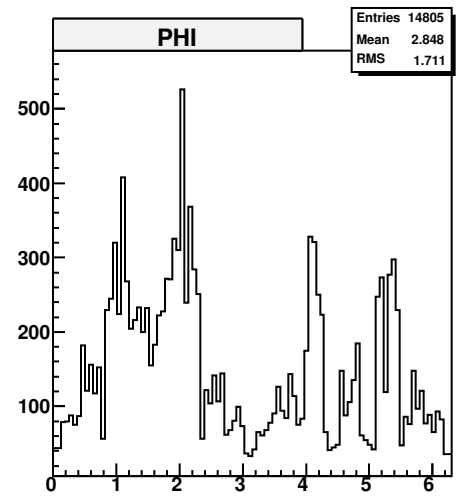

Layer vs Octant Famus S

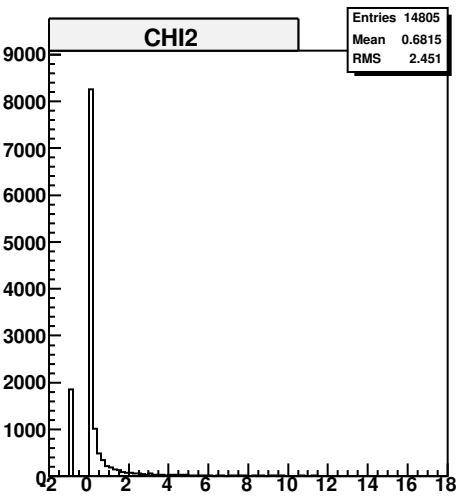
MuonMSC (All)

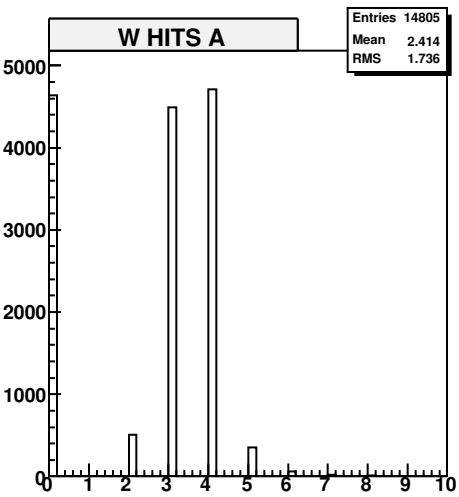


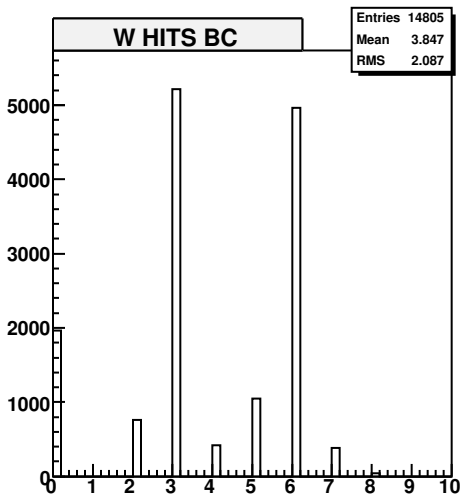


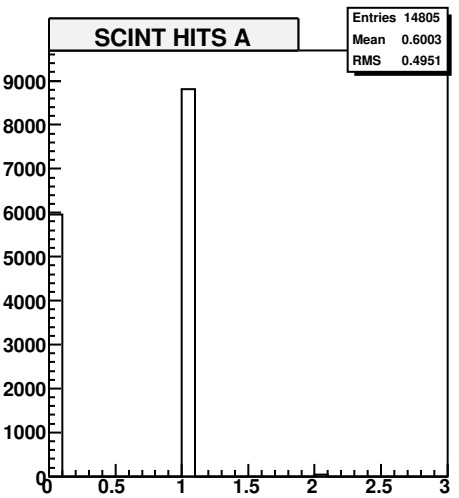


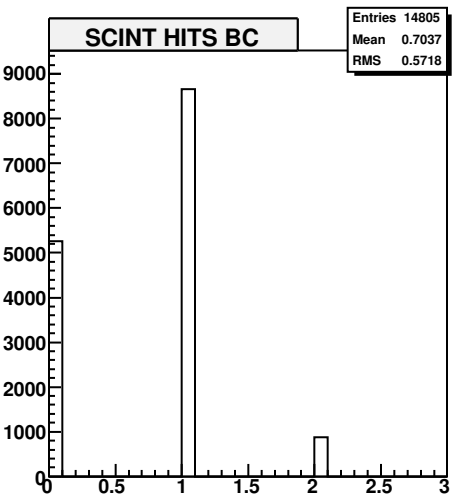




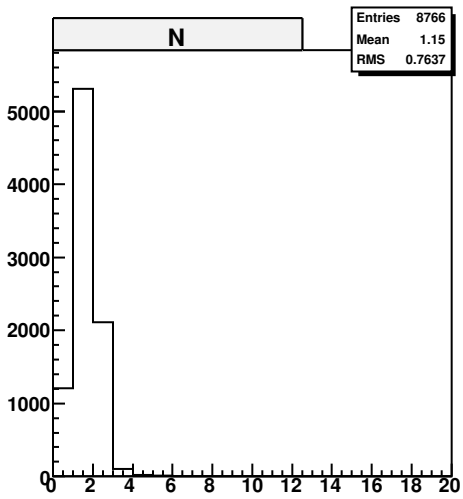


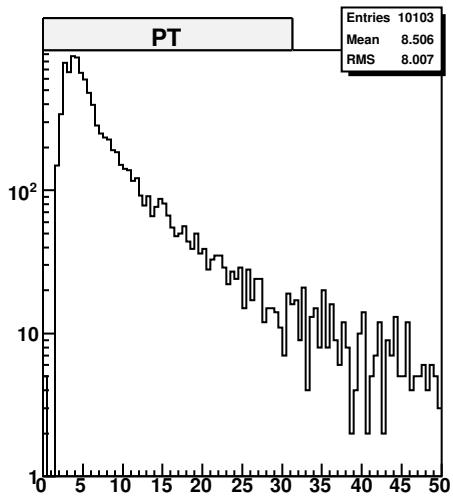


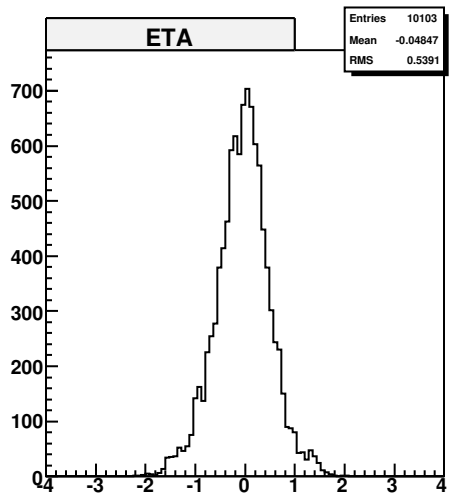


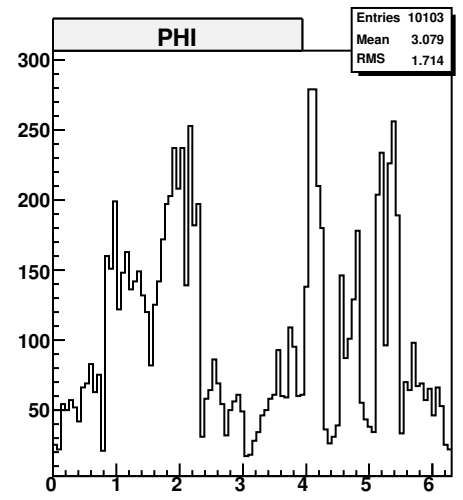


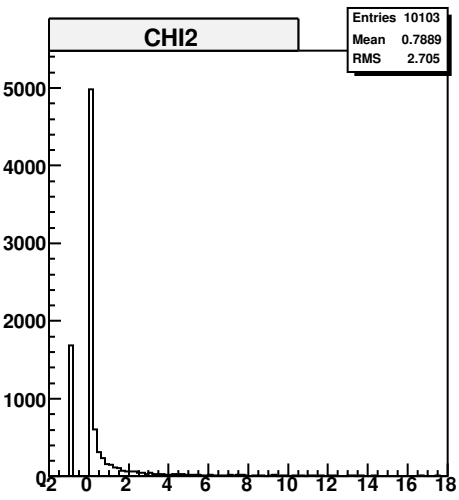
Muon Local Tracks (All)

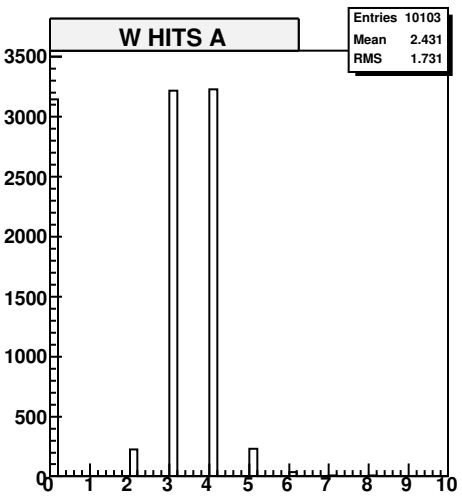


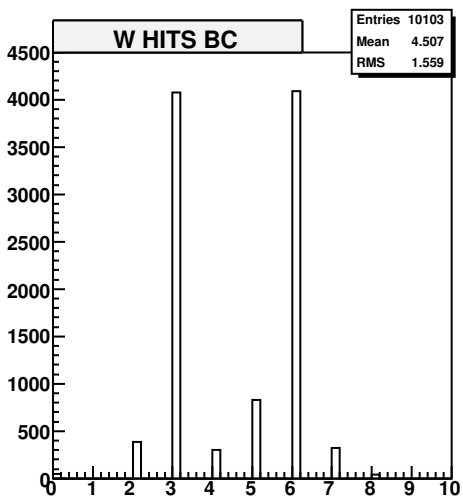


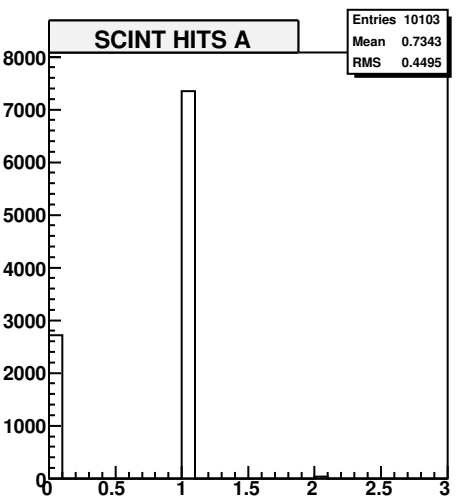


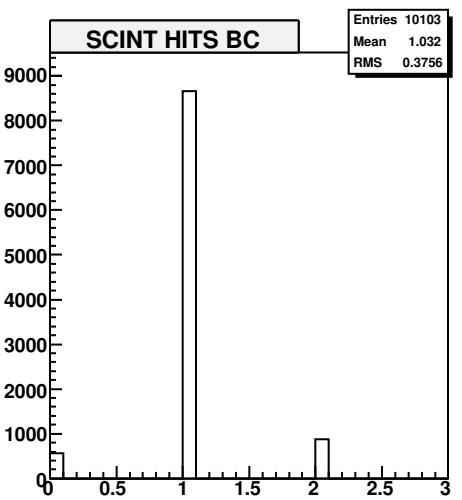




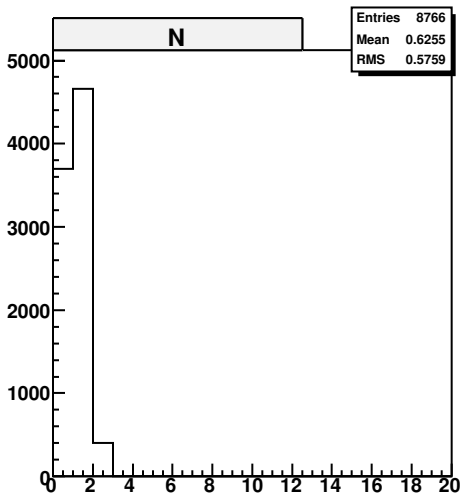


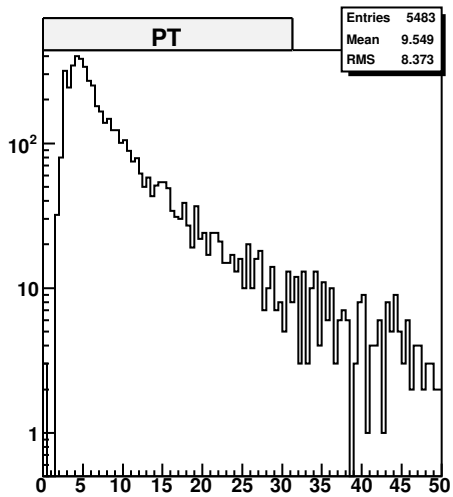


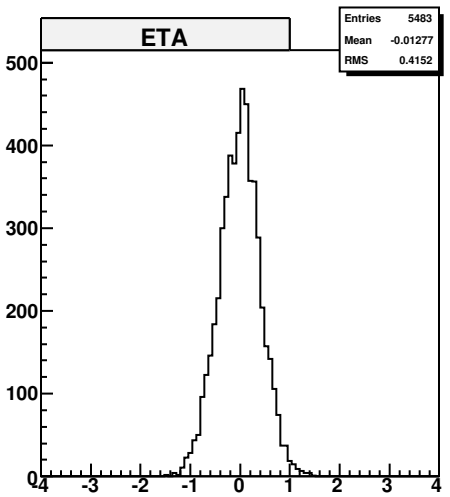


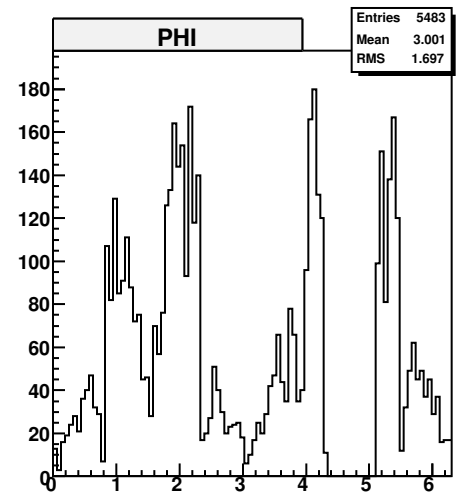


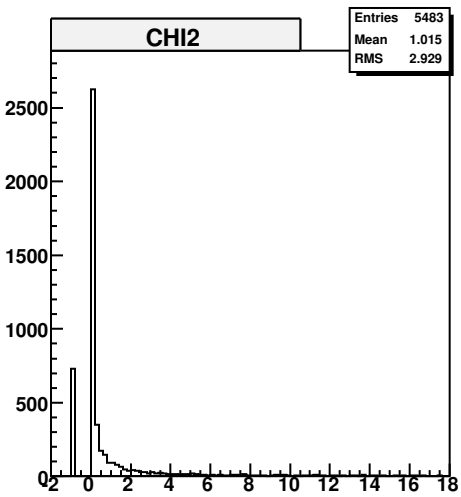
Muon Local Tracks (LooseWamus)

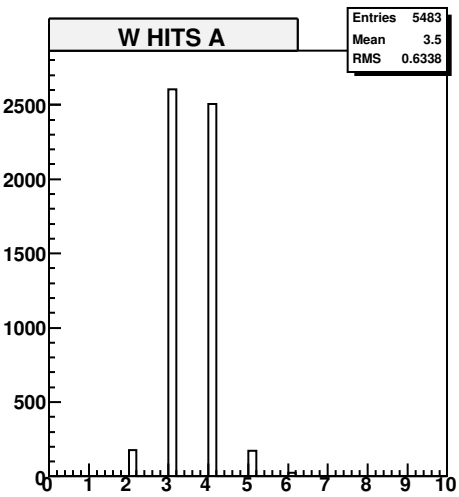


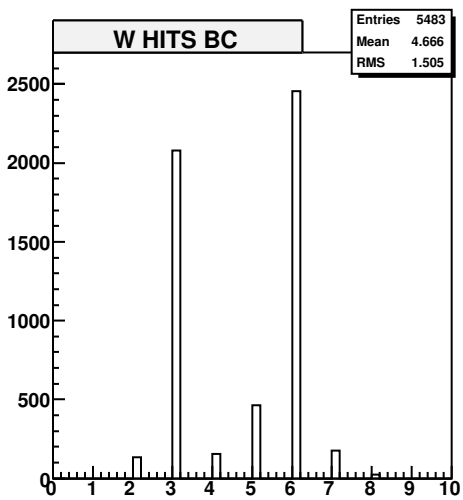


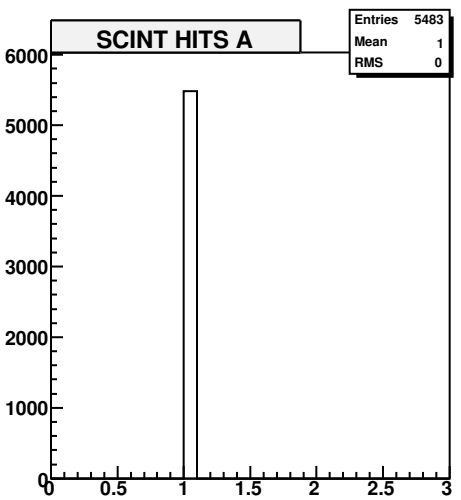


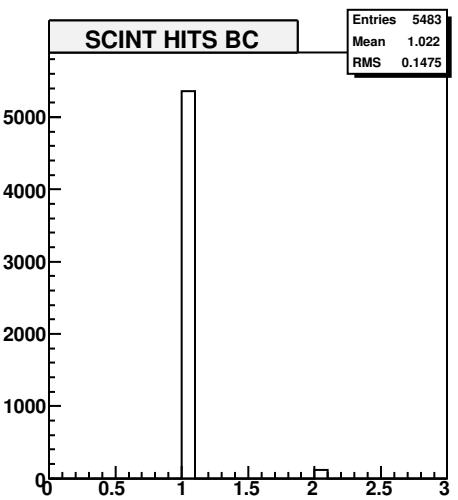




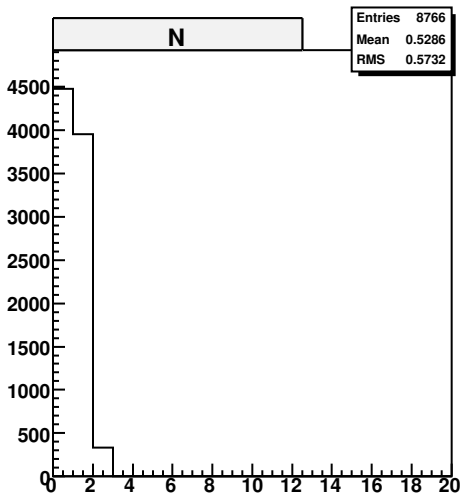


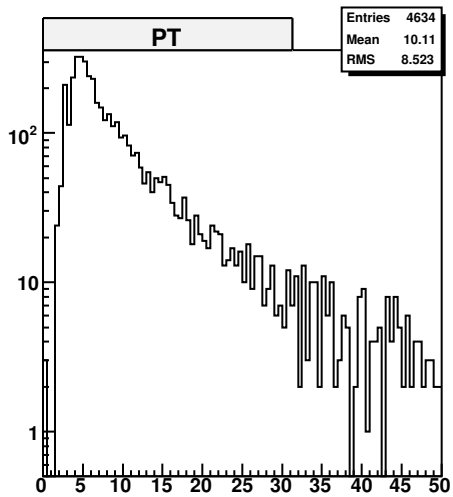


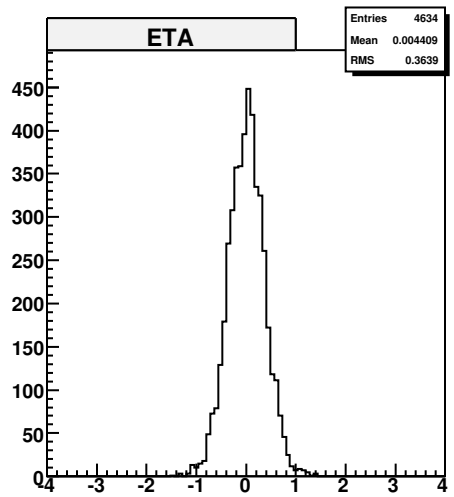


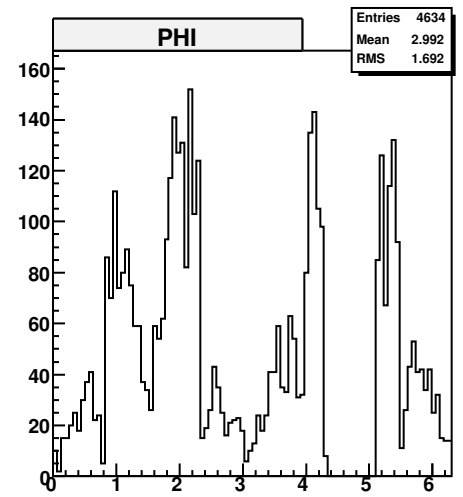


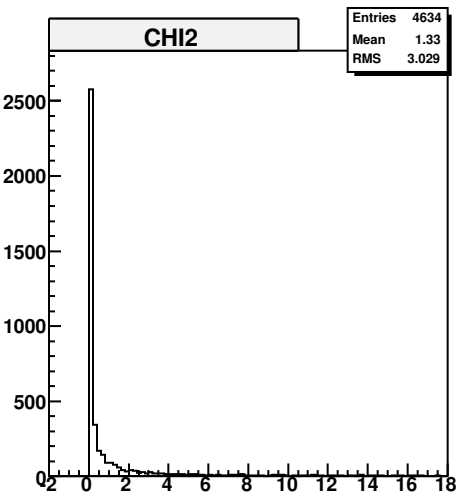
Muon Local Tracks (MediumWamus)

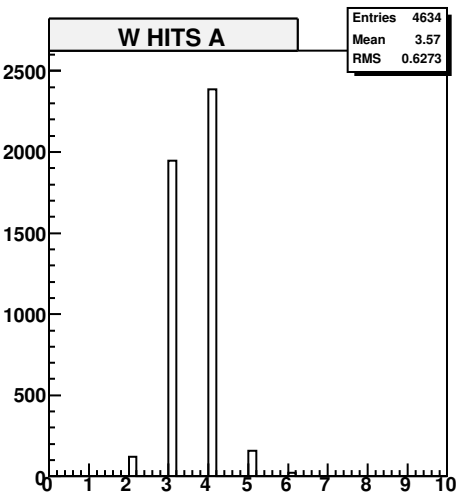


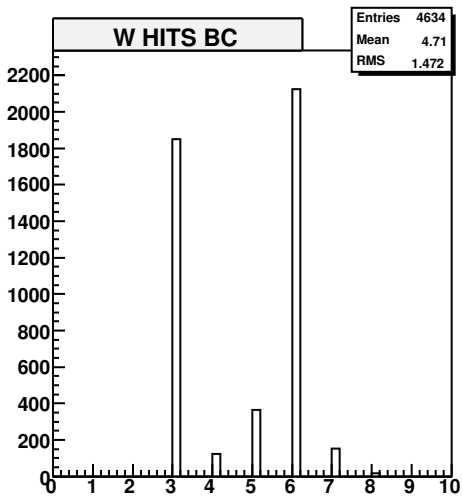


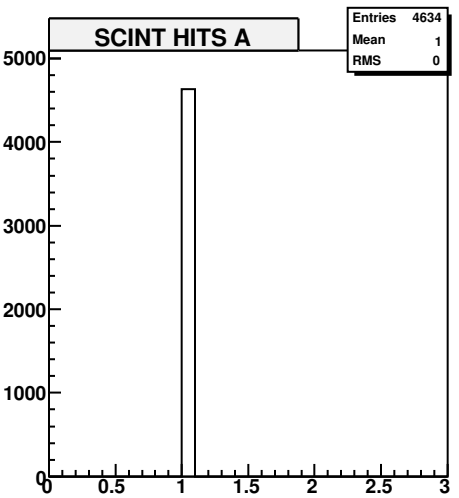


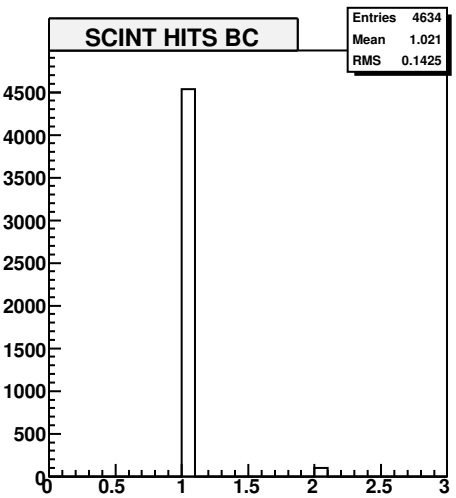




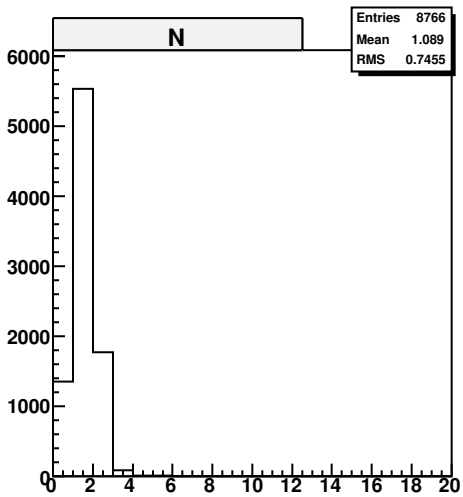


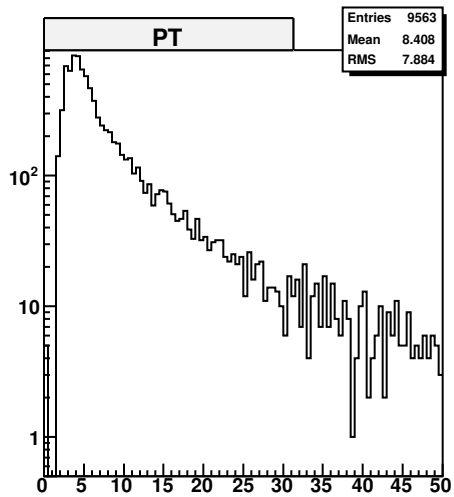


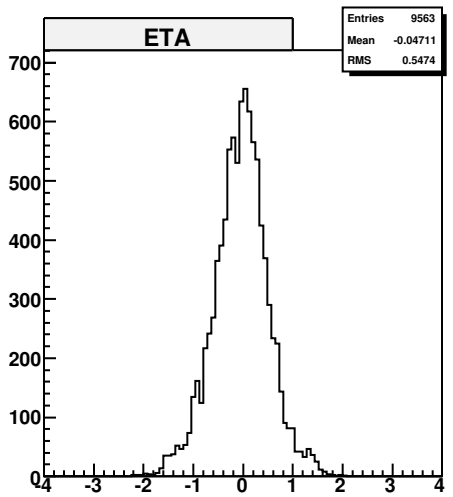


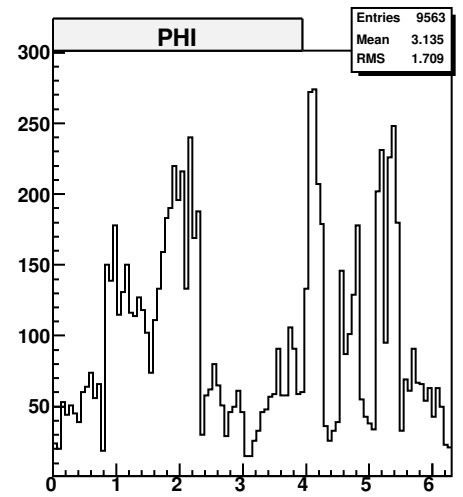


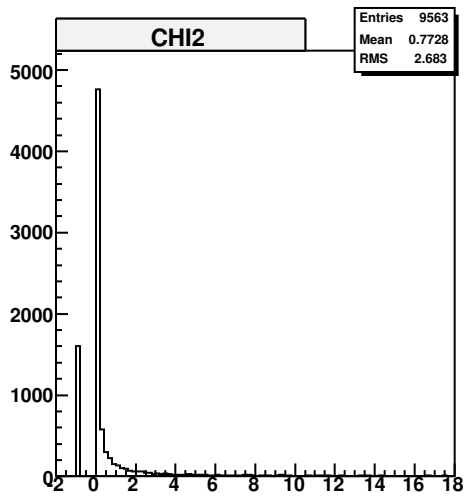
Muon Local Tracks (TightWamus)

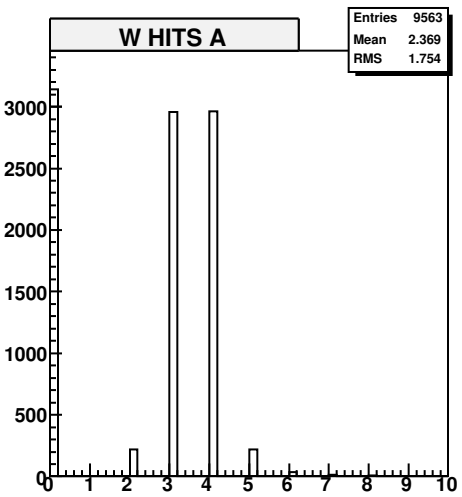


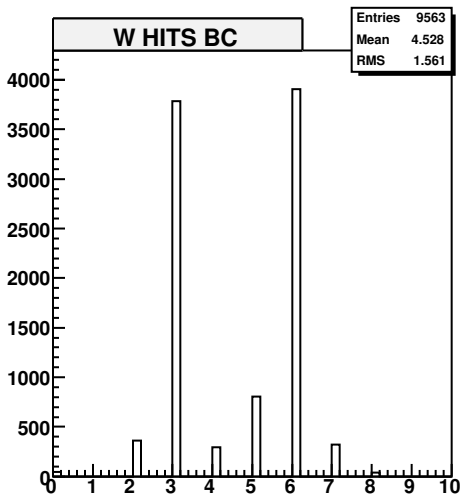


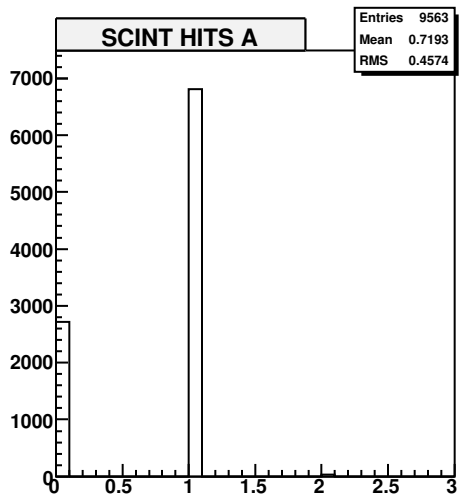


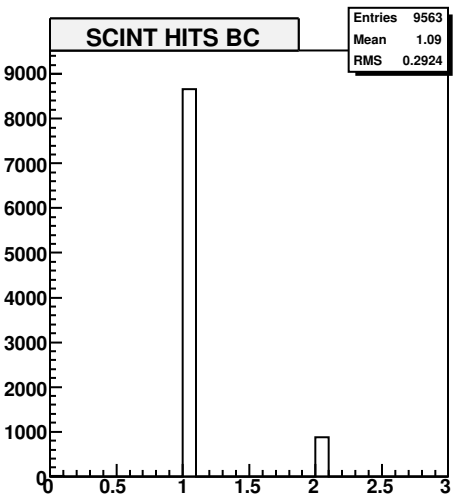




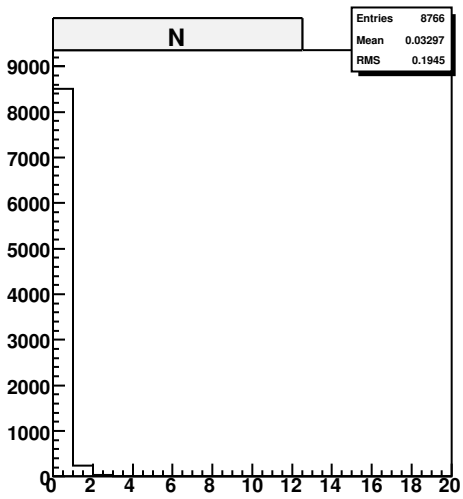


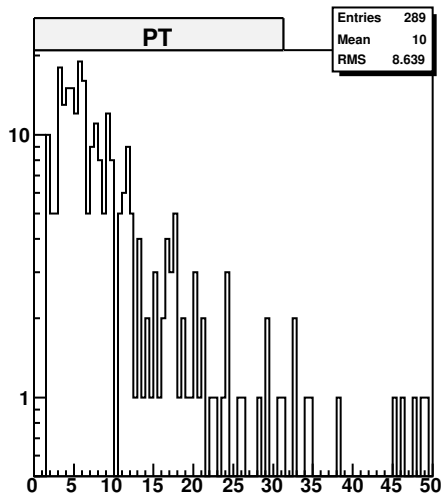


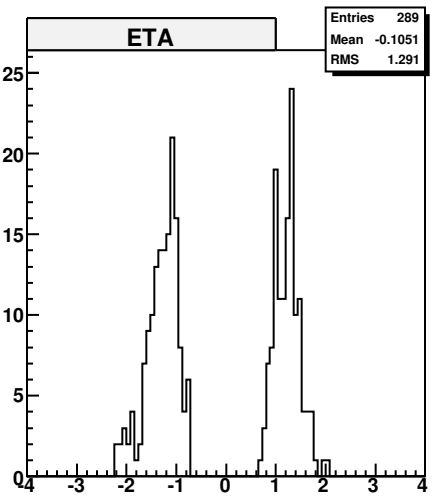


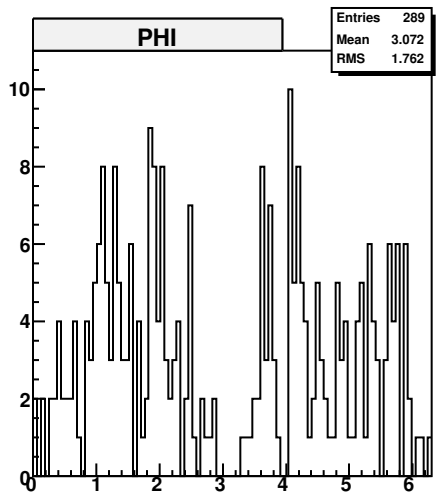


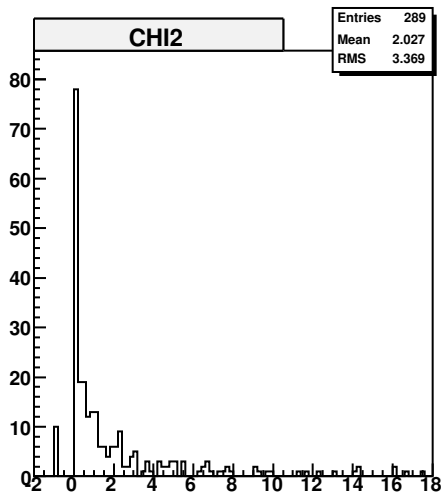
Muon Local Tracks (LooseFamus)

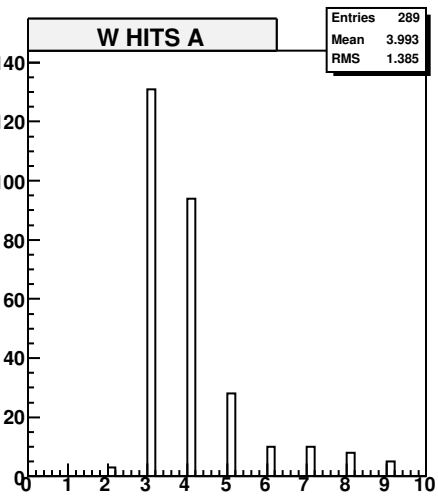


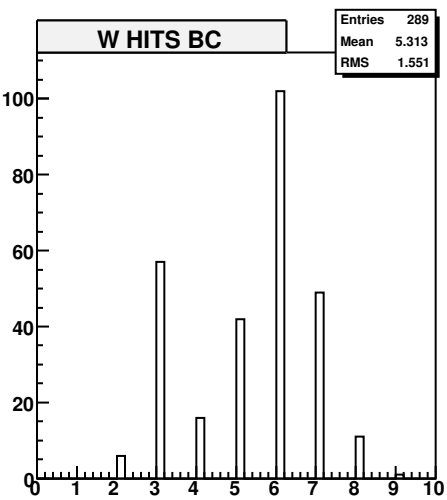


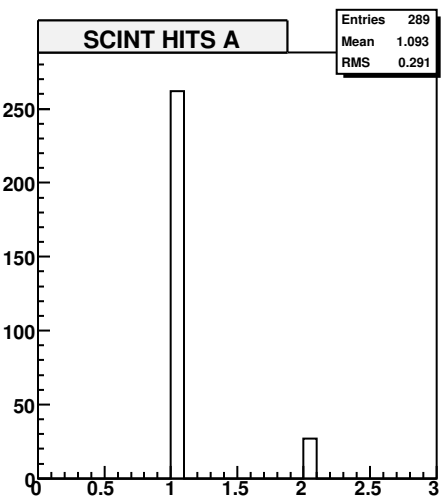


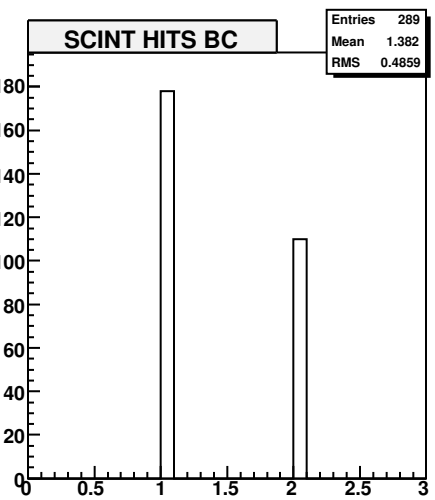




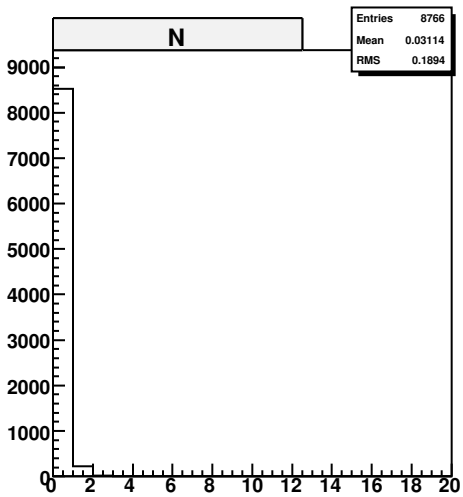


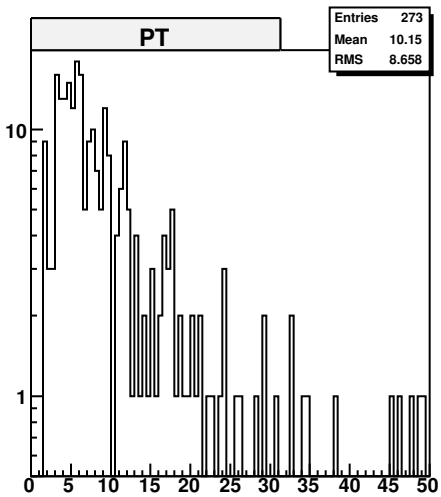


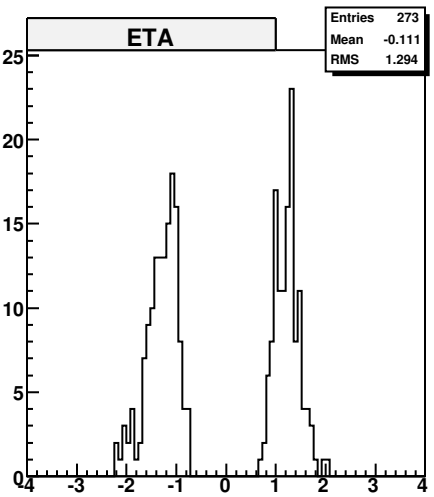


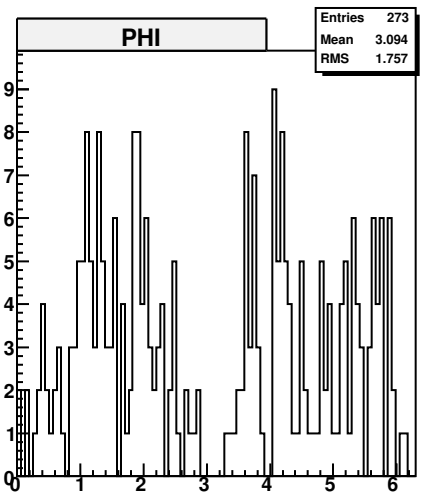


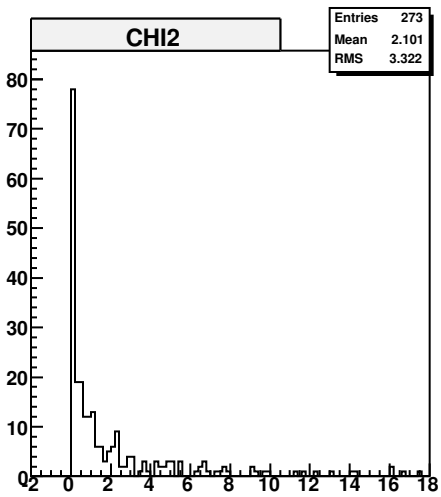
Muon Local Tracks (MediumFamus)

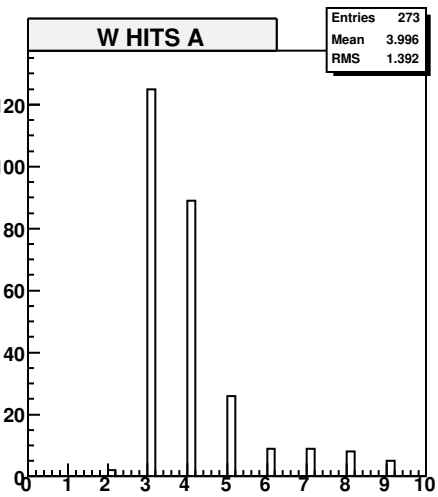


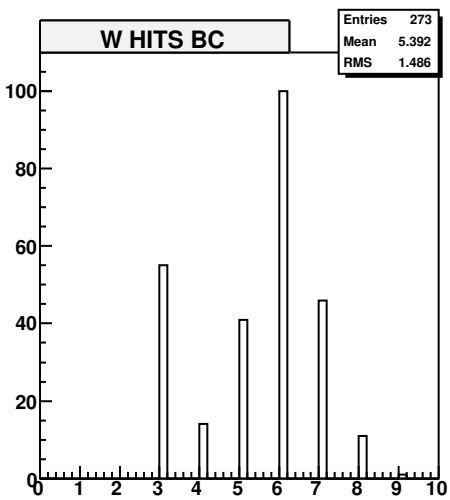


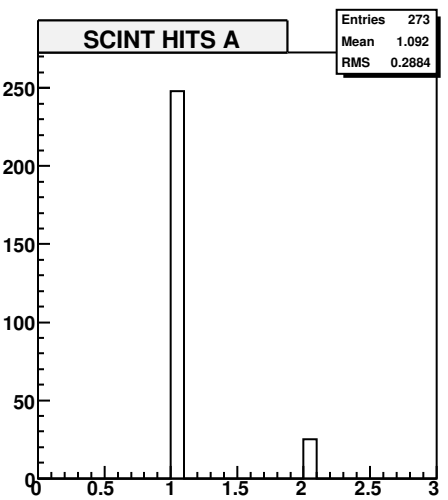


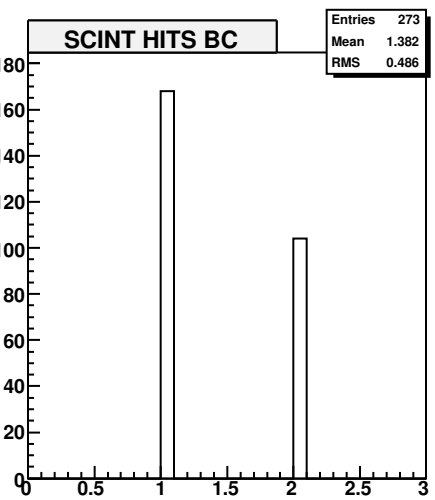












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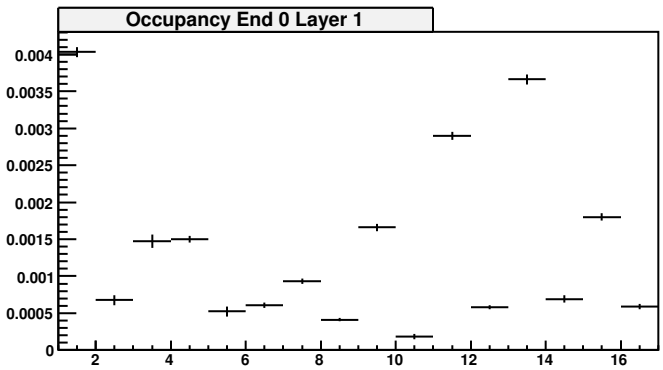

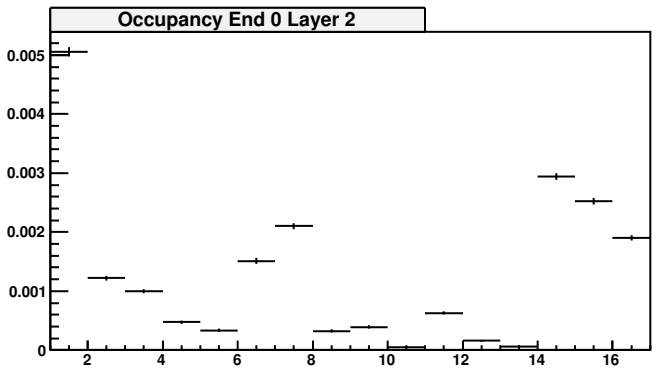

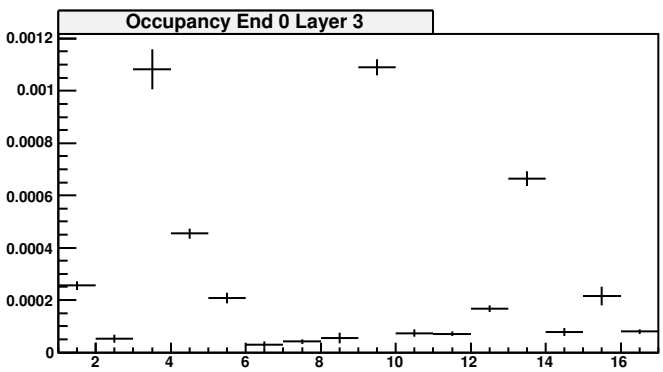

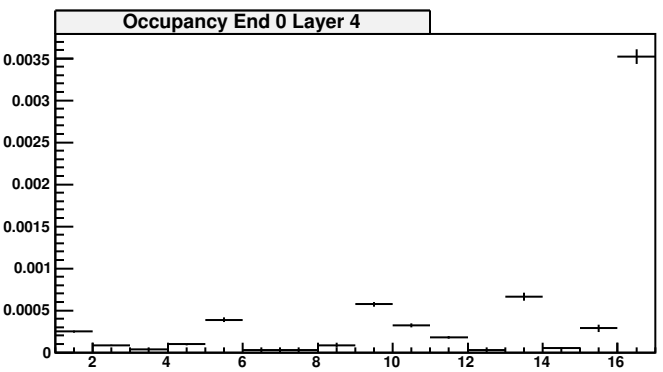

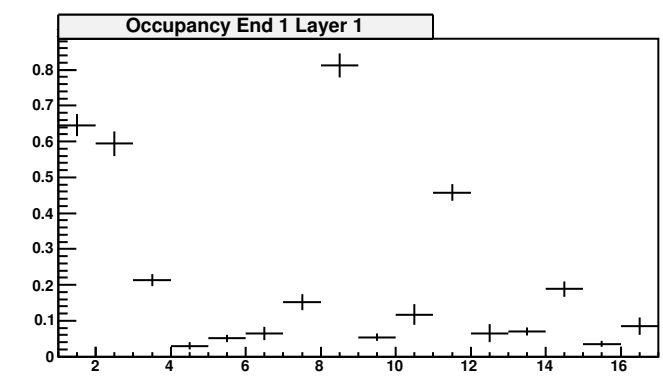

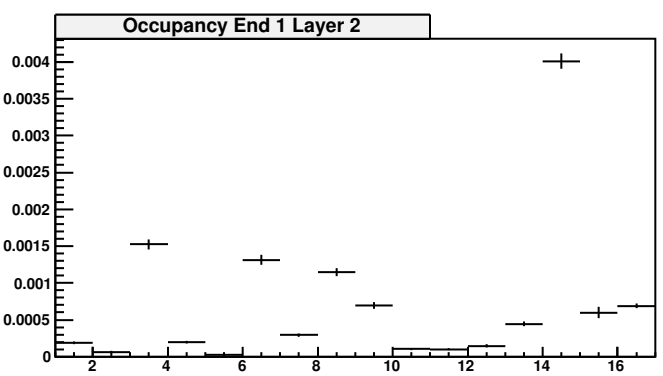

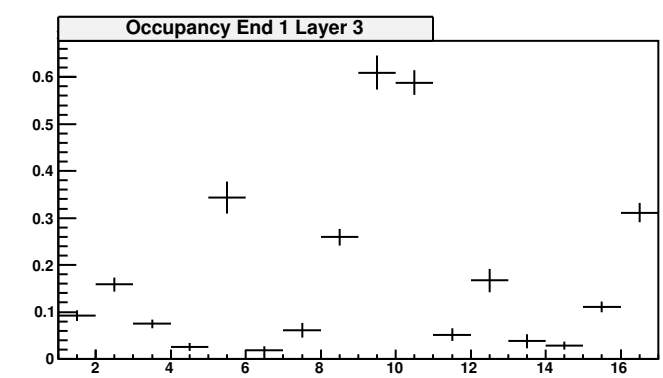

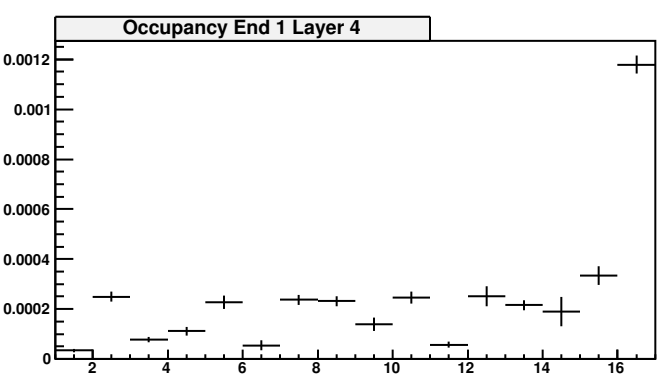

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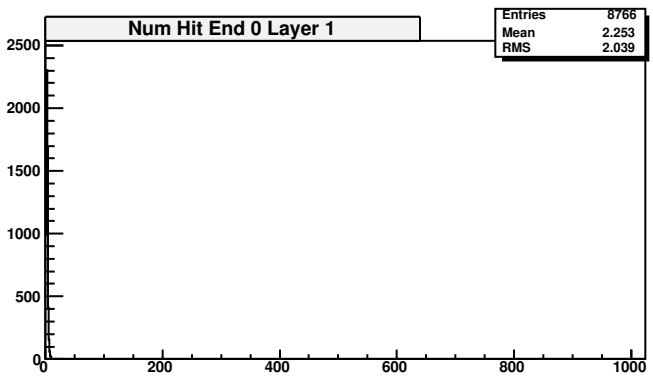

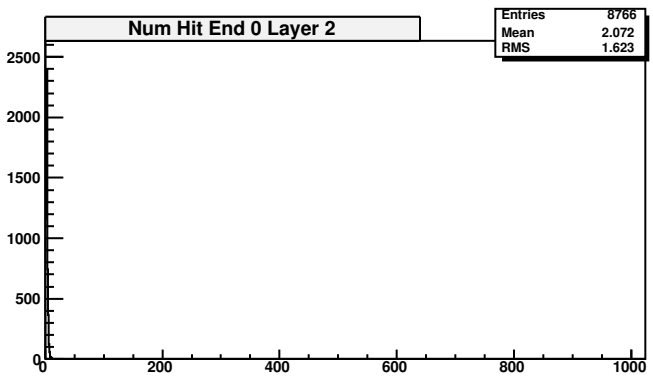

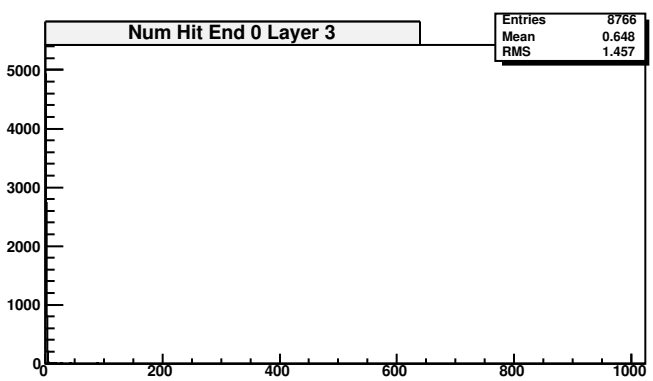

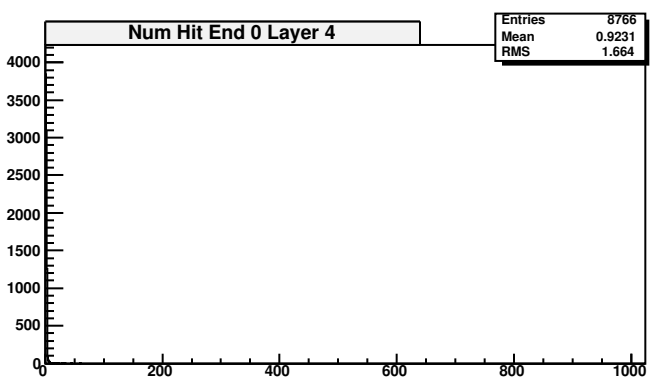

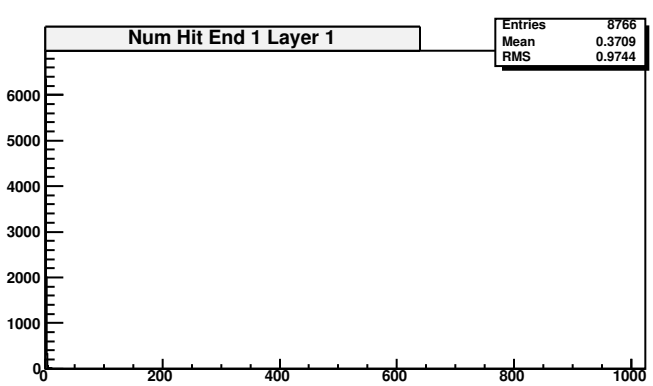

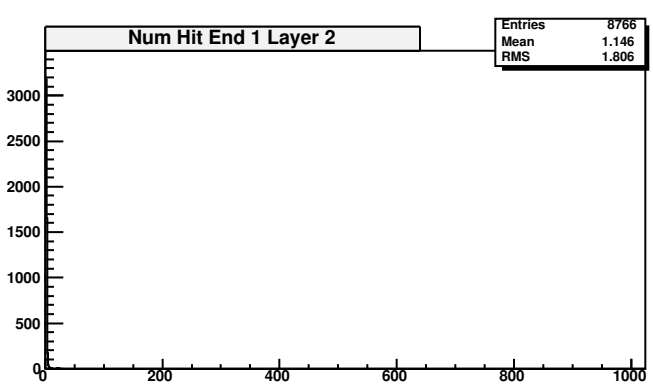

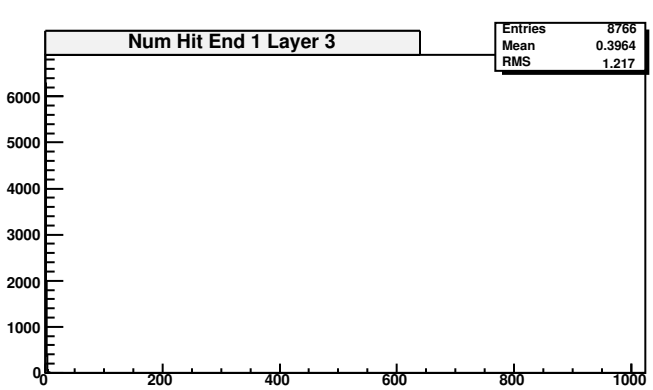

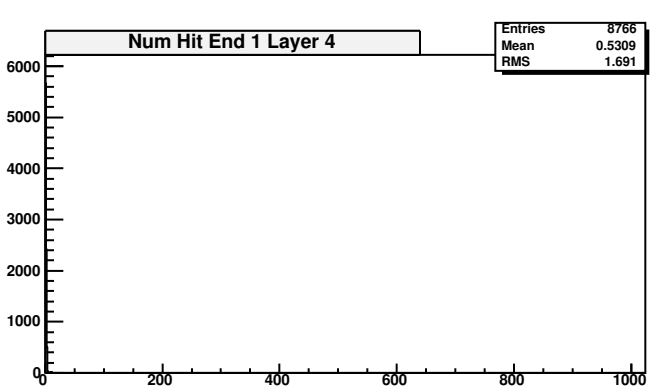

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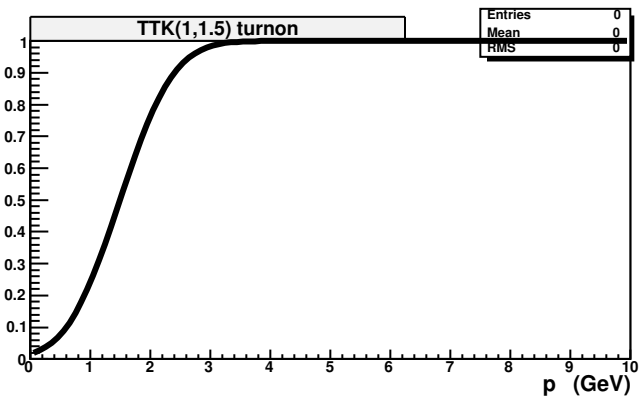

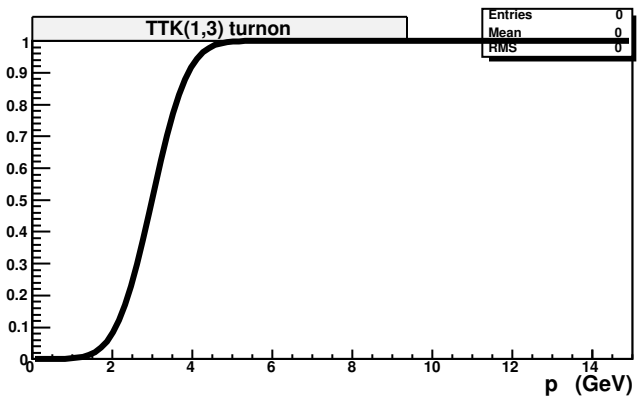

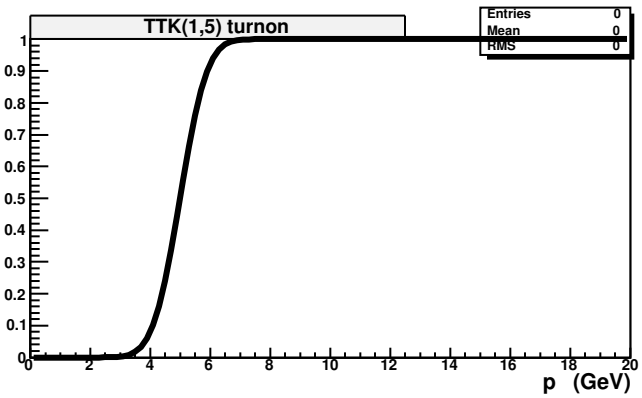

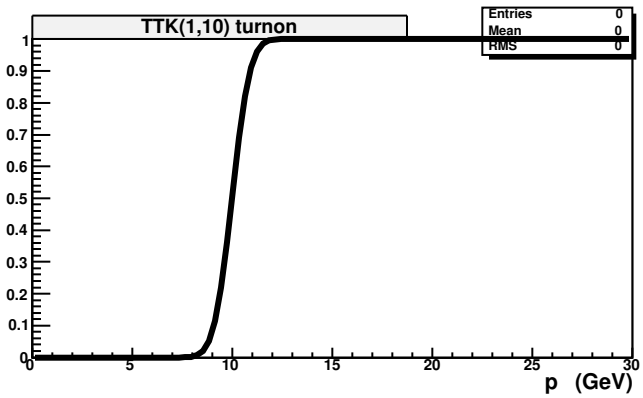

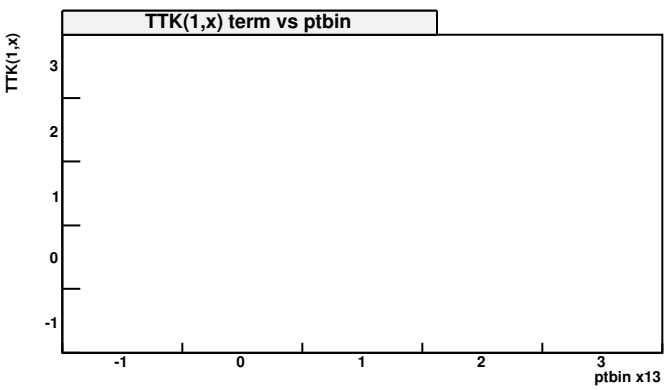

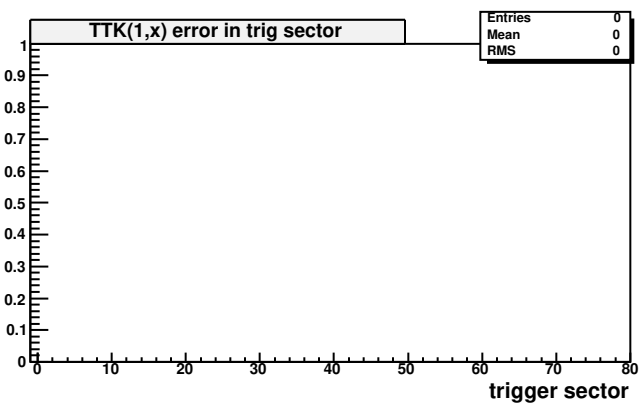

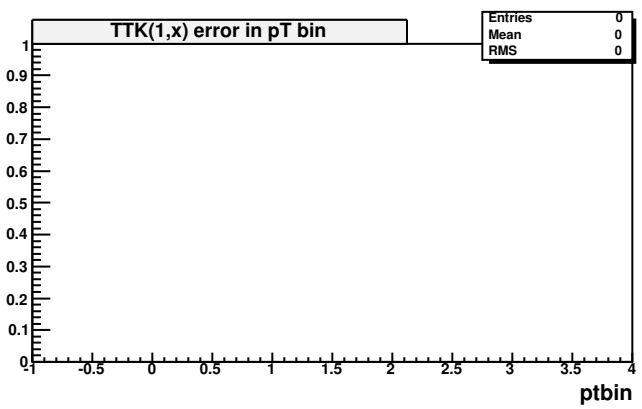

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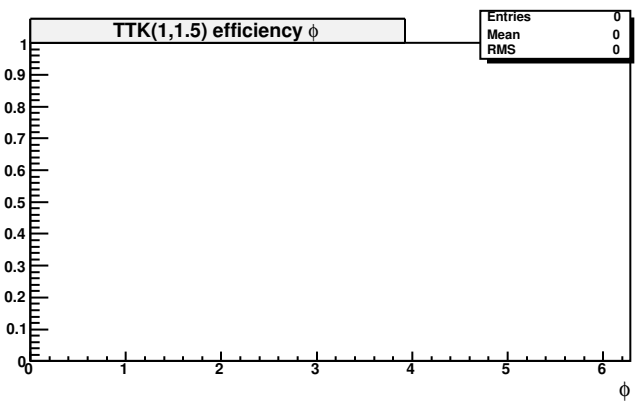

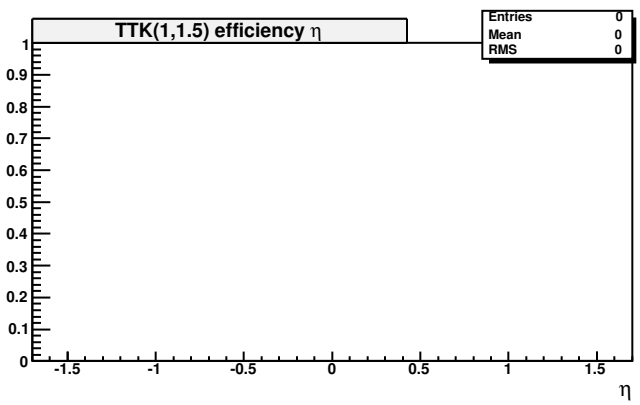

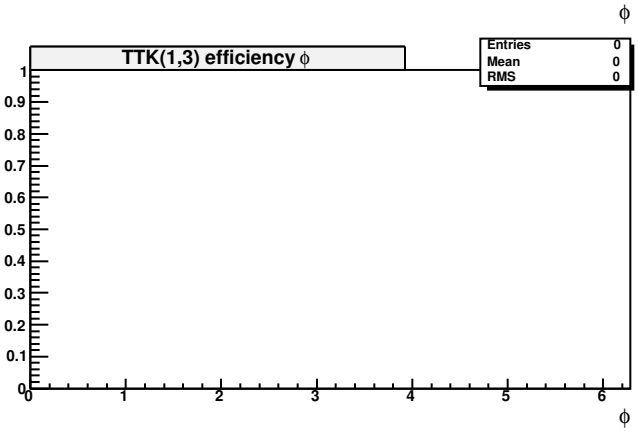

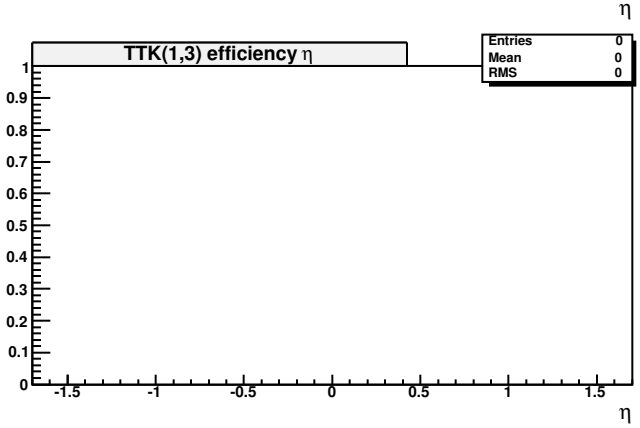

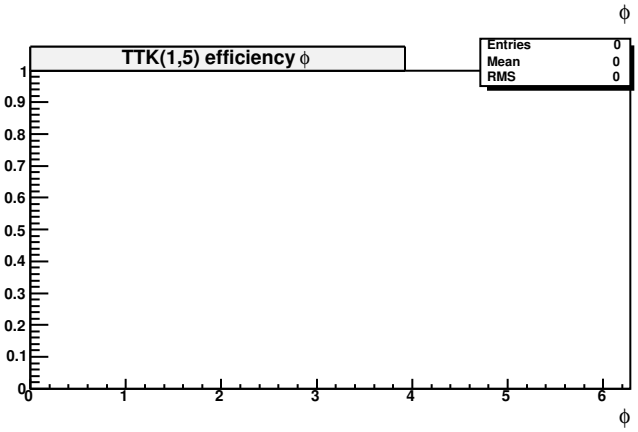

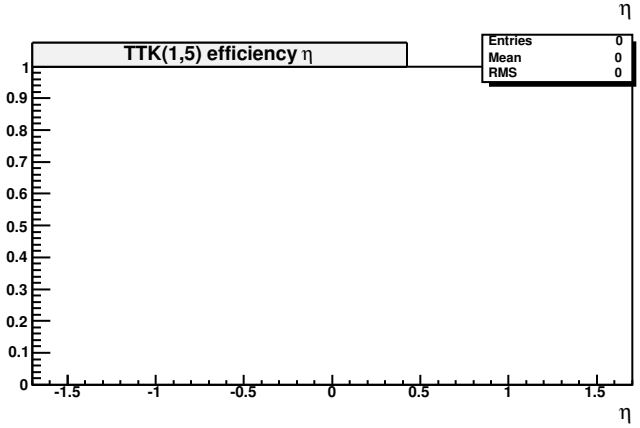

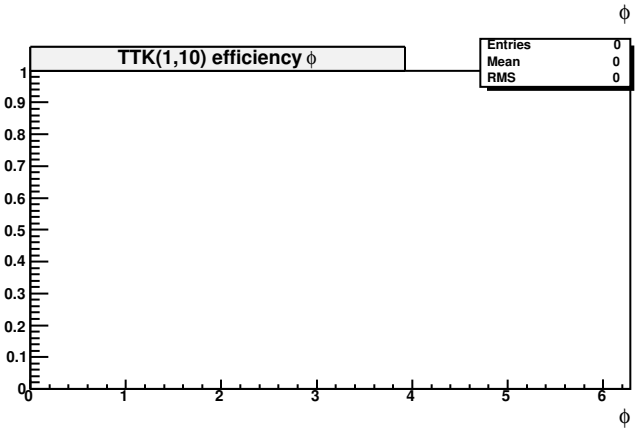

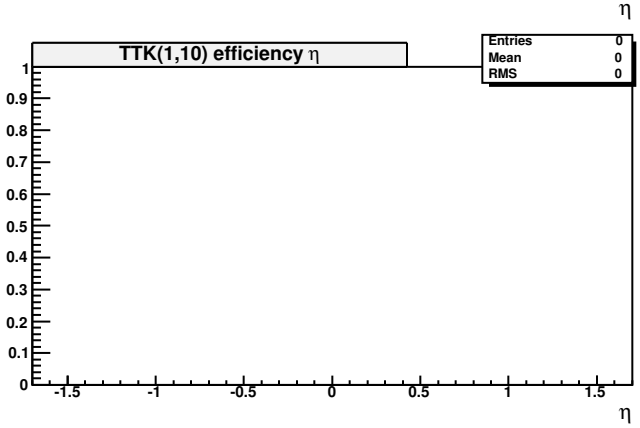

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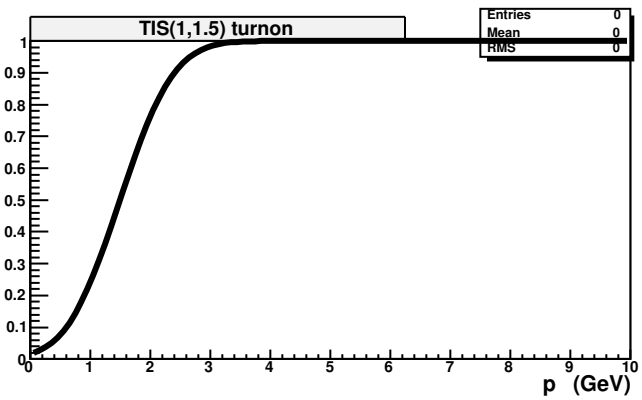

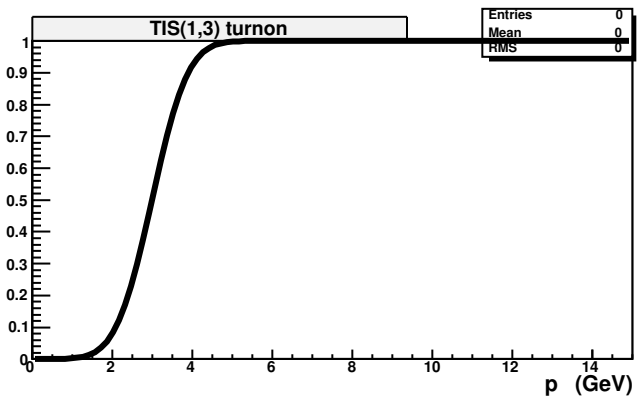

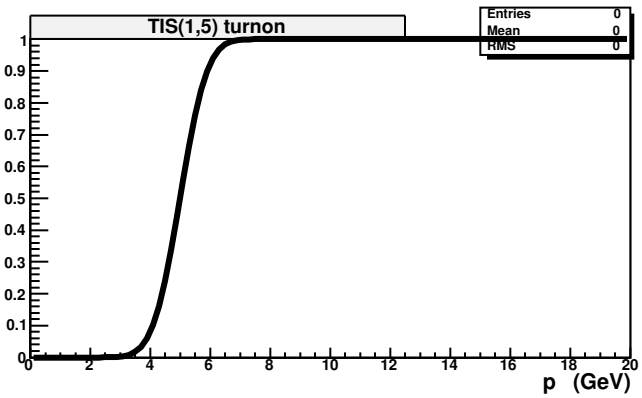

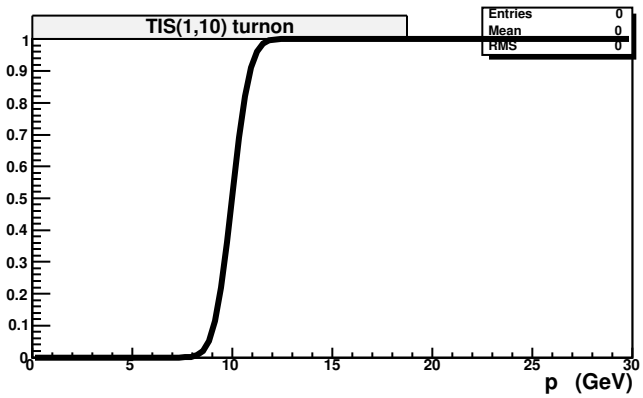

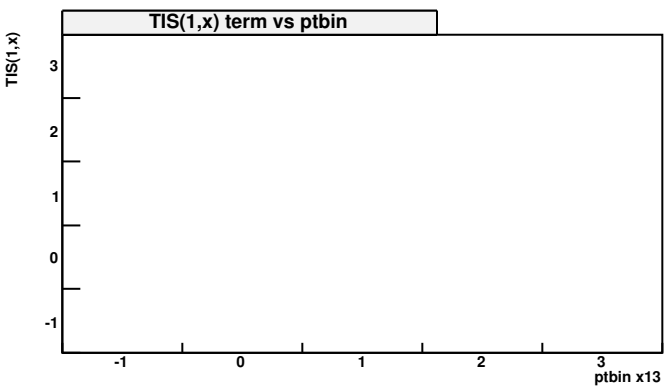

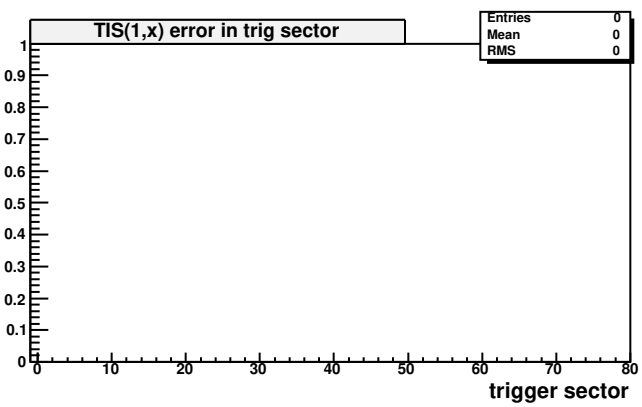

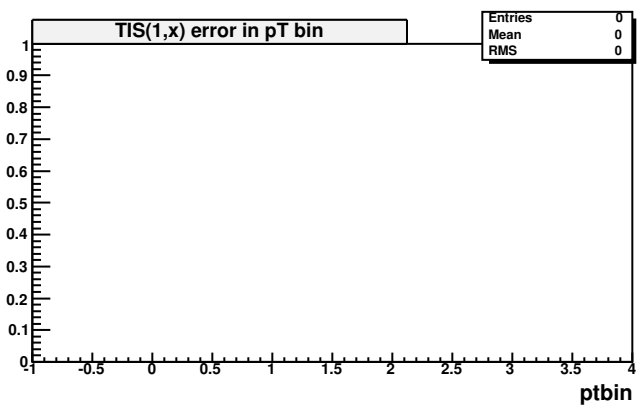

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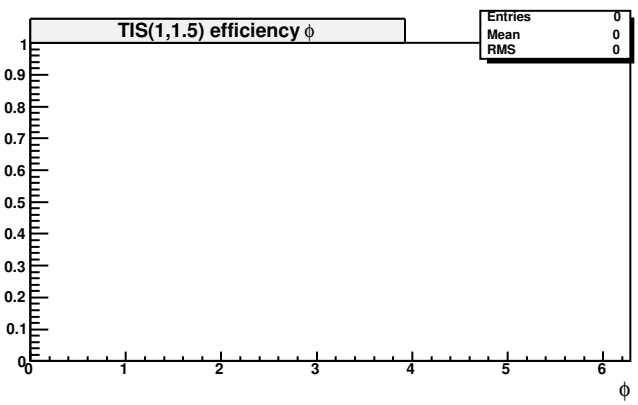

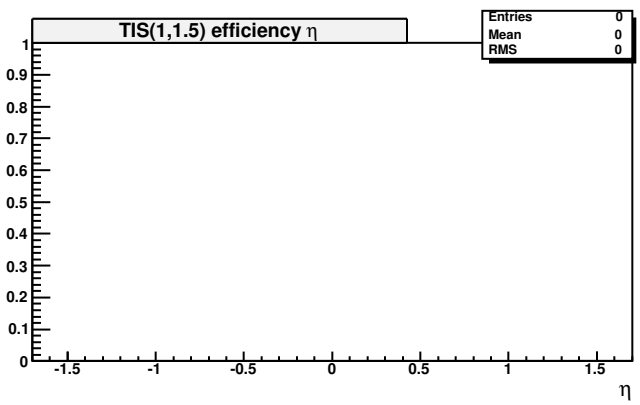

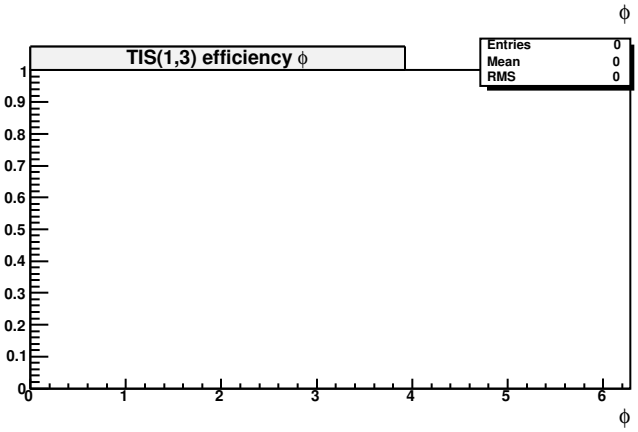

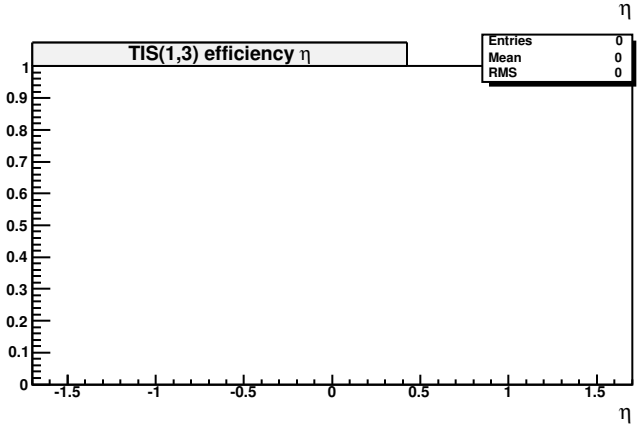

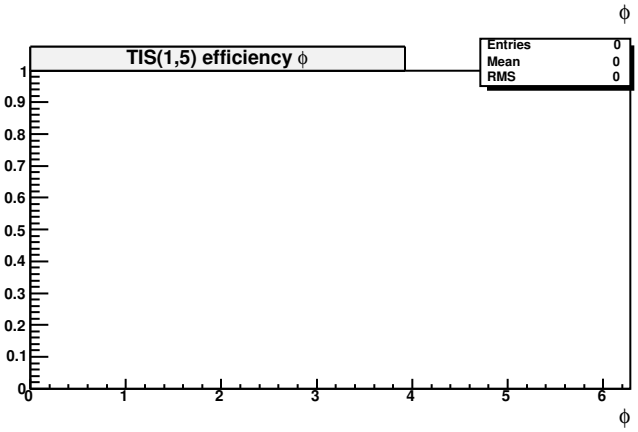

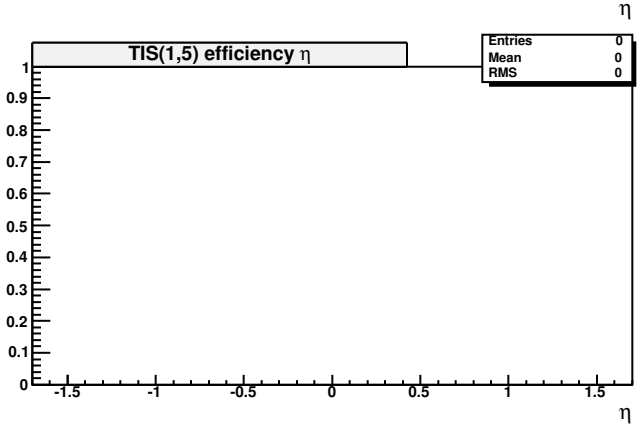

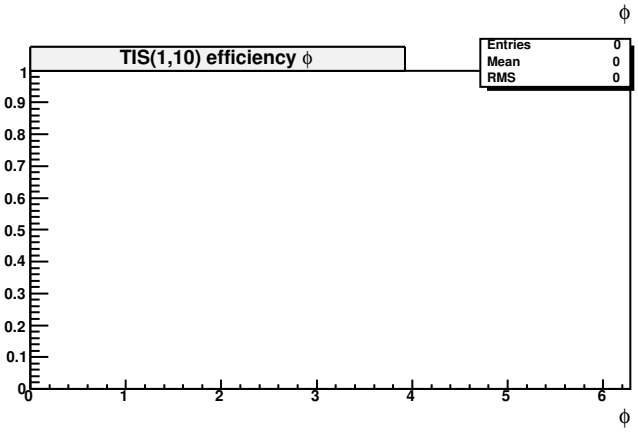

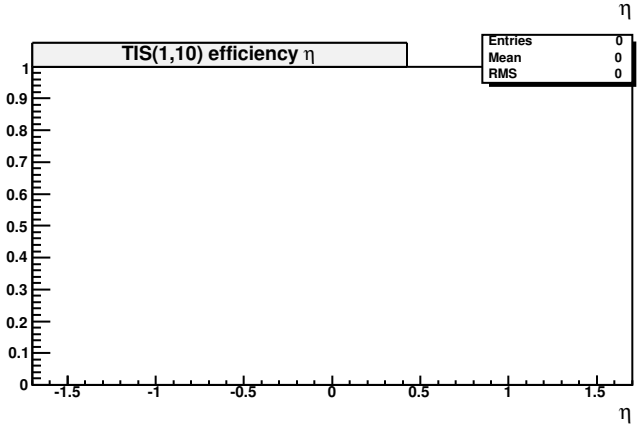

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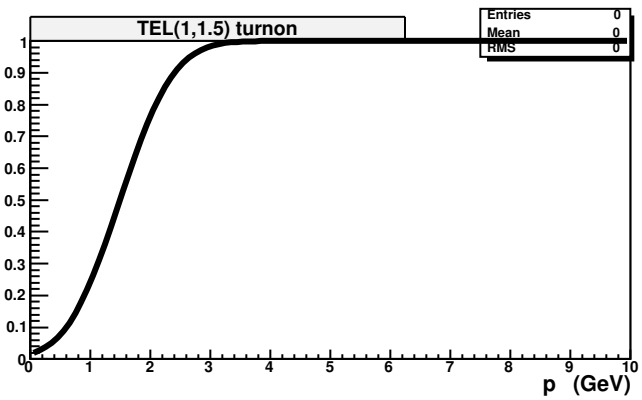

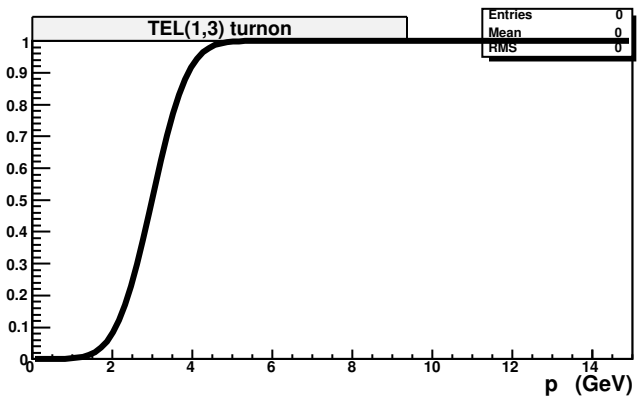

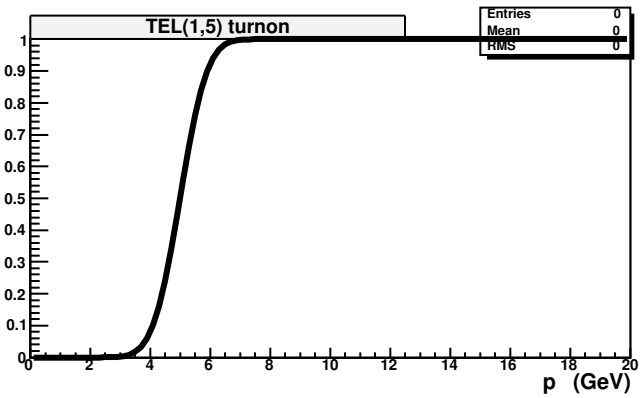

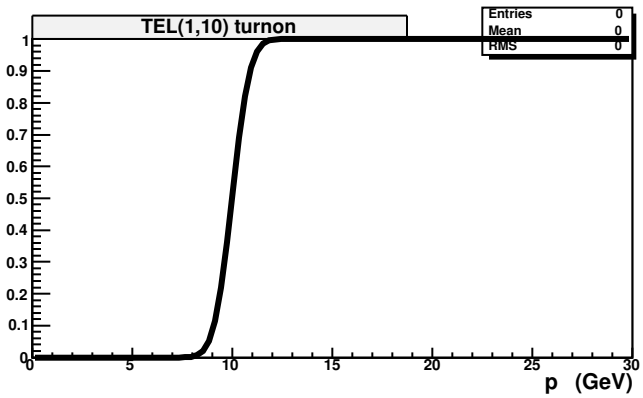

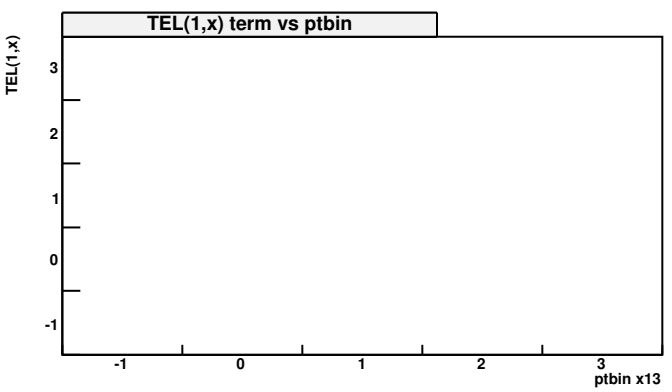

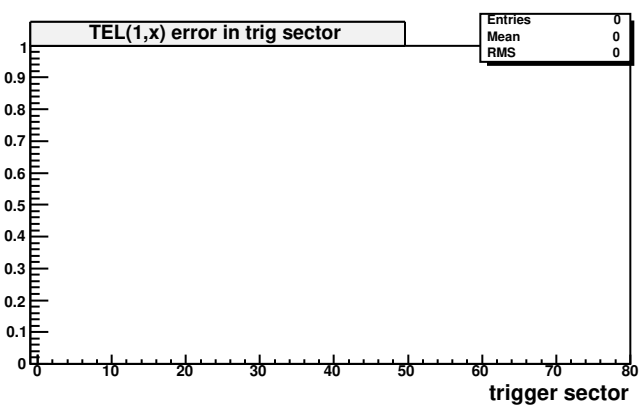

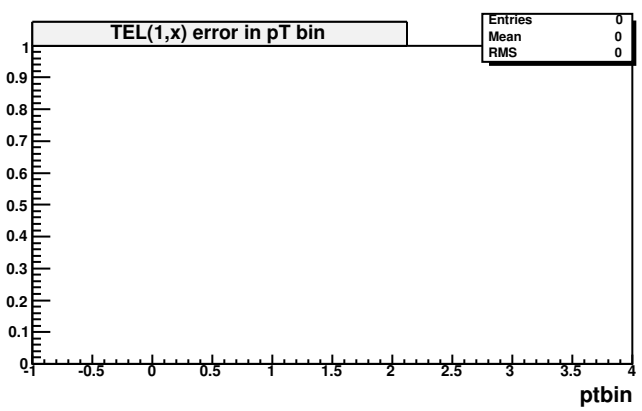

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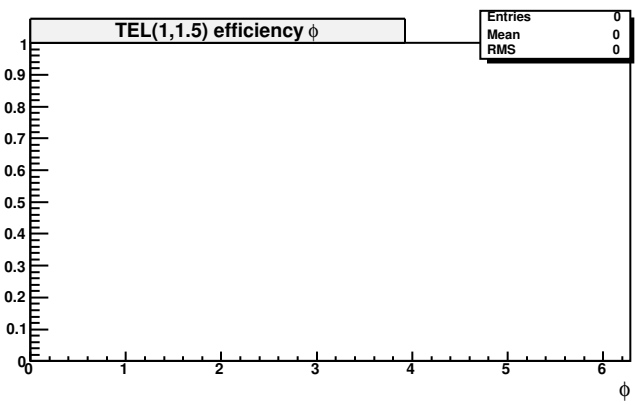

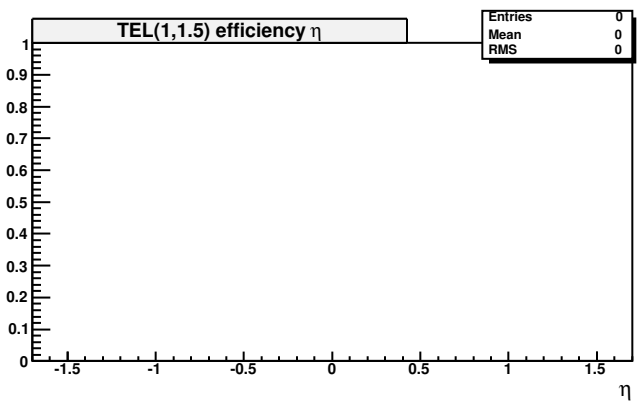

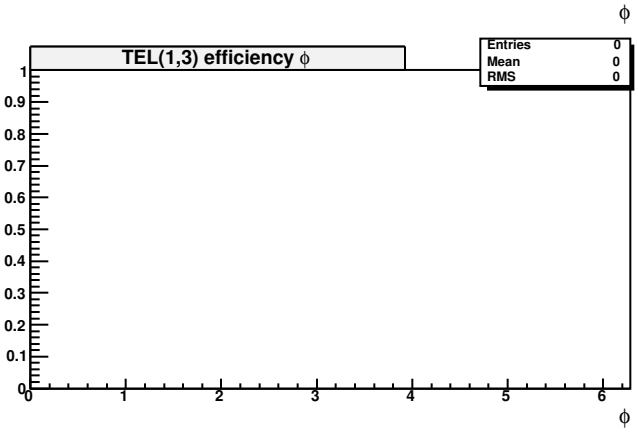

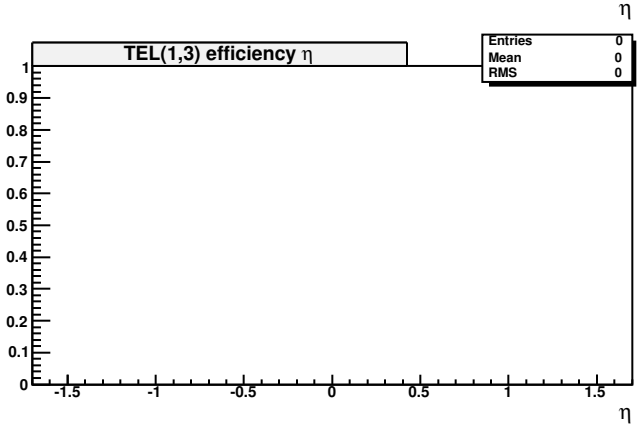

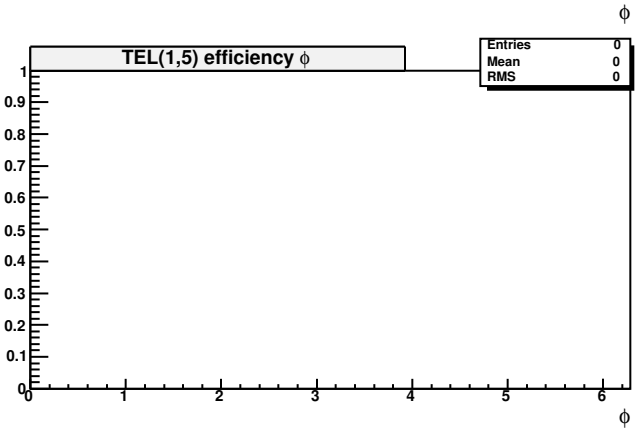

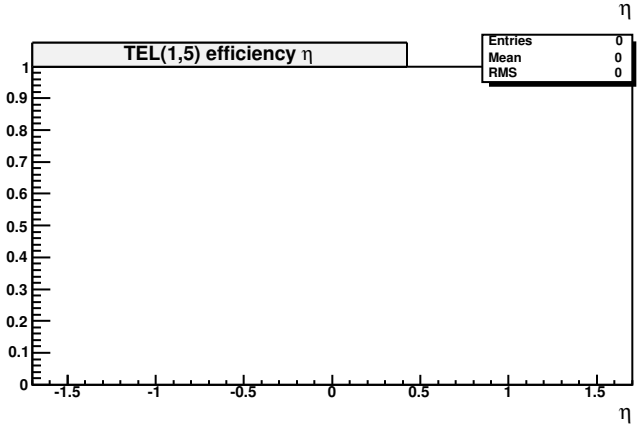

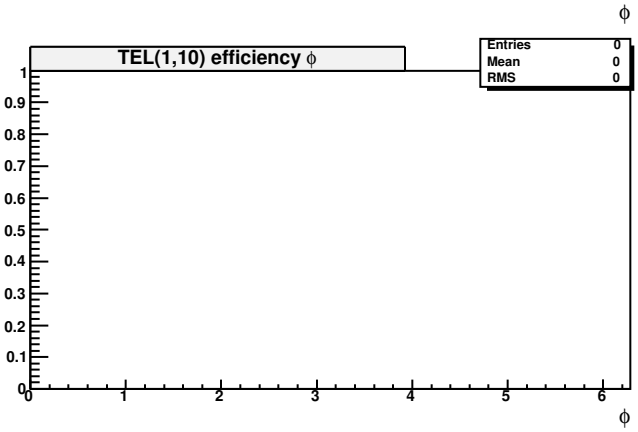

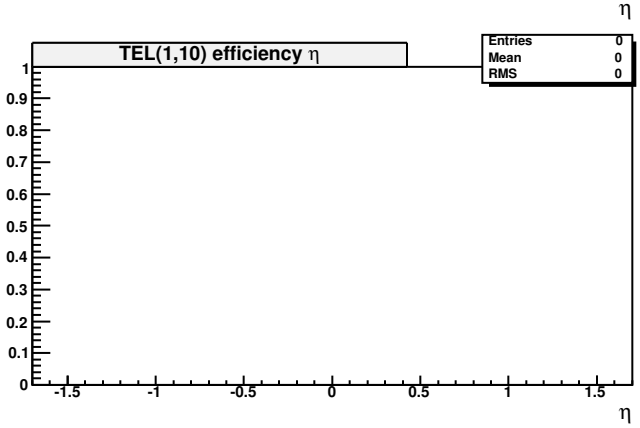

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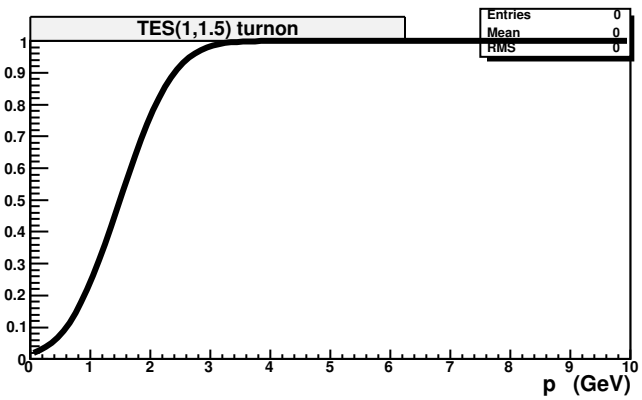
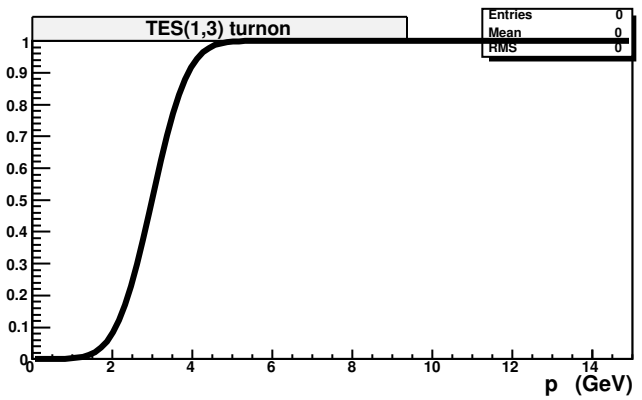
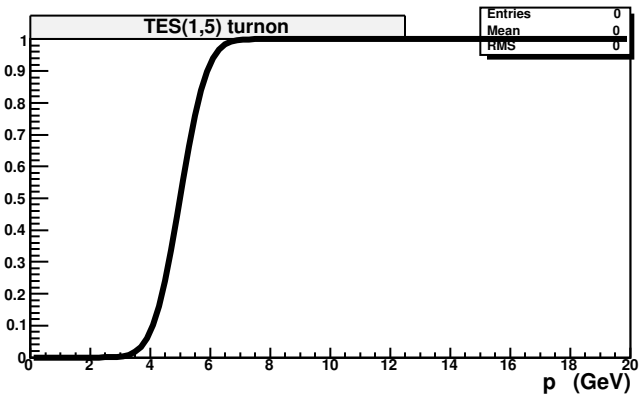
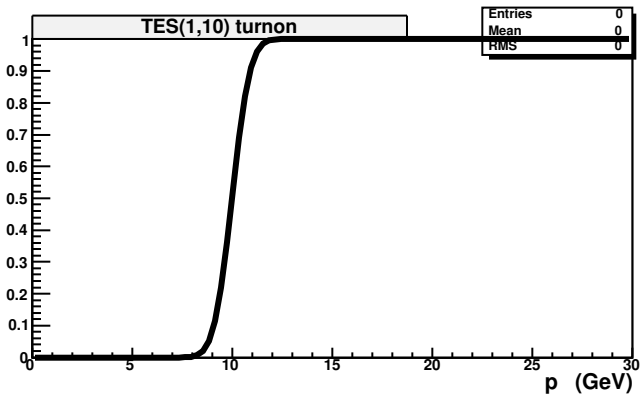
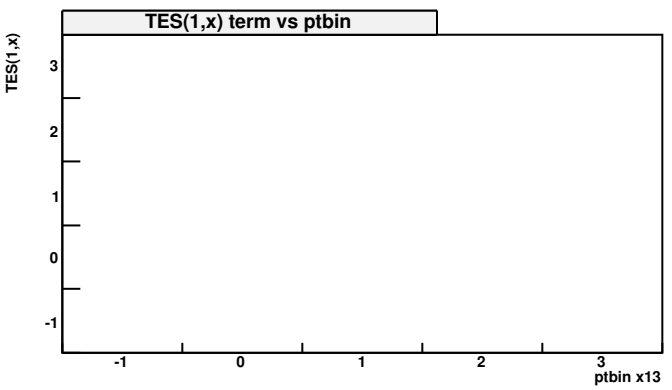
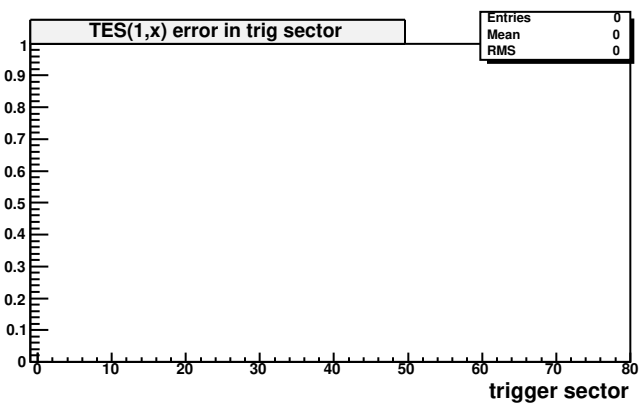


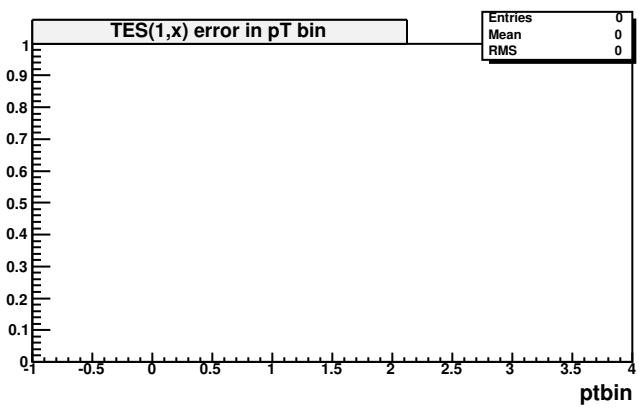




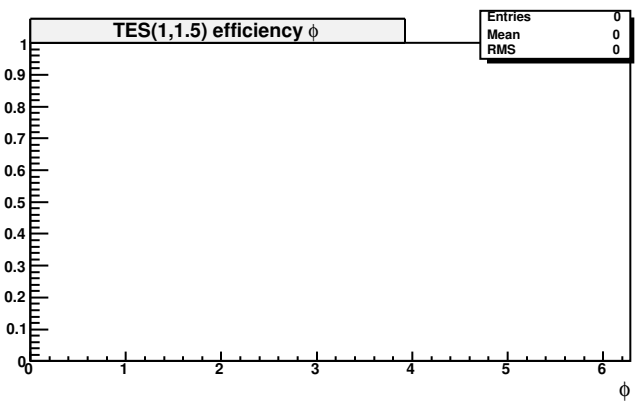


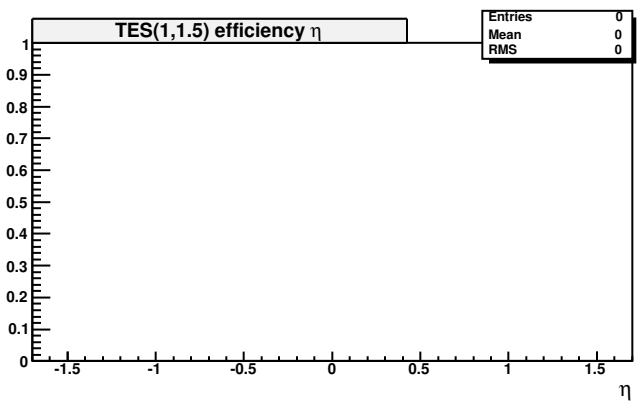


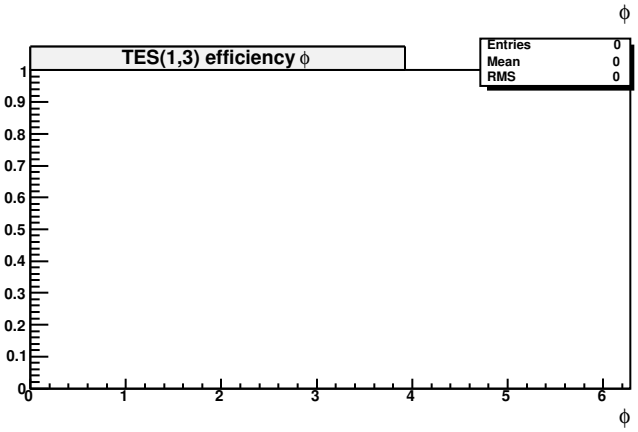


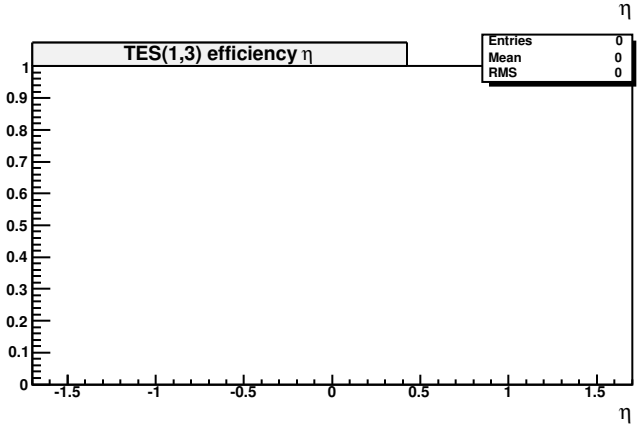


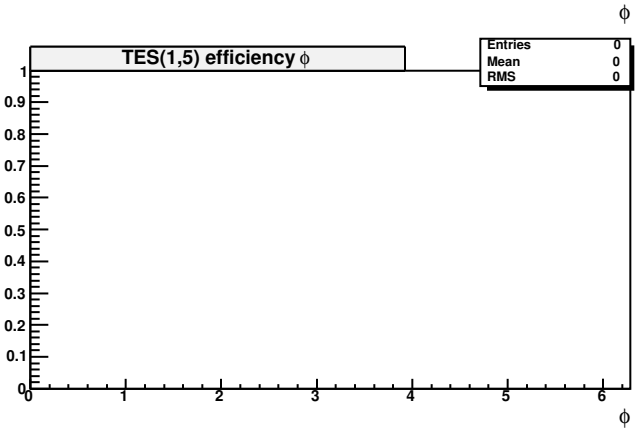
TES (L1CTT All)

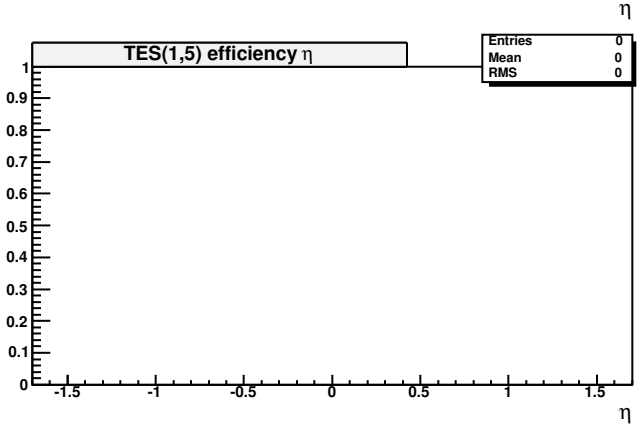


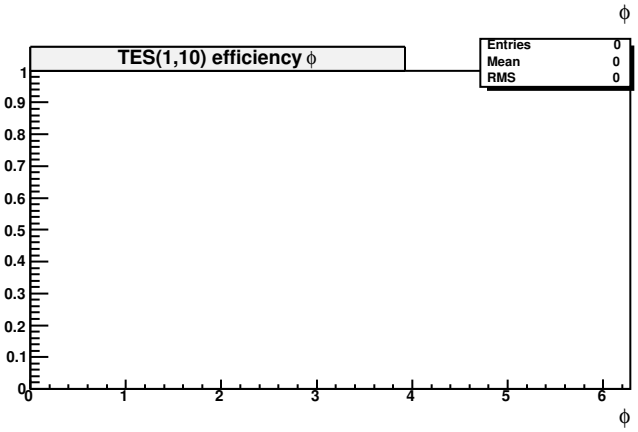


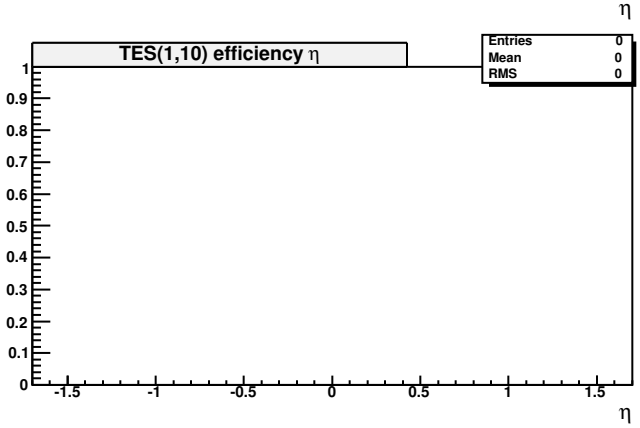












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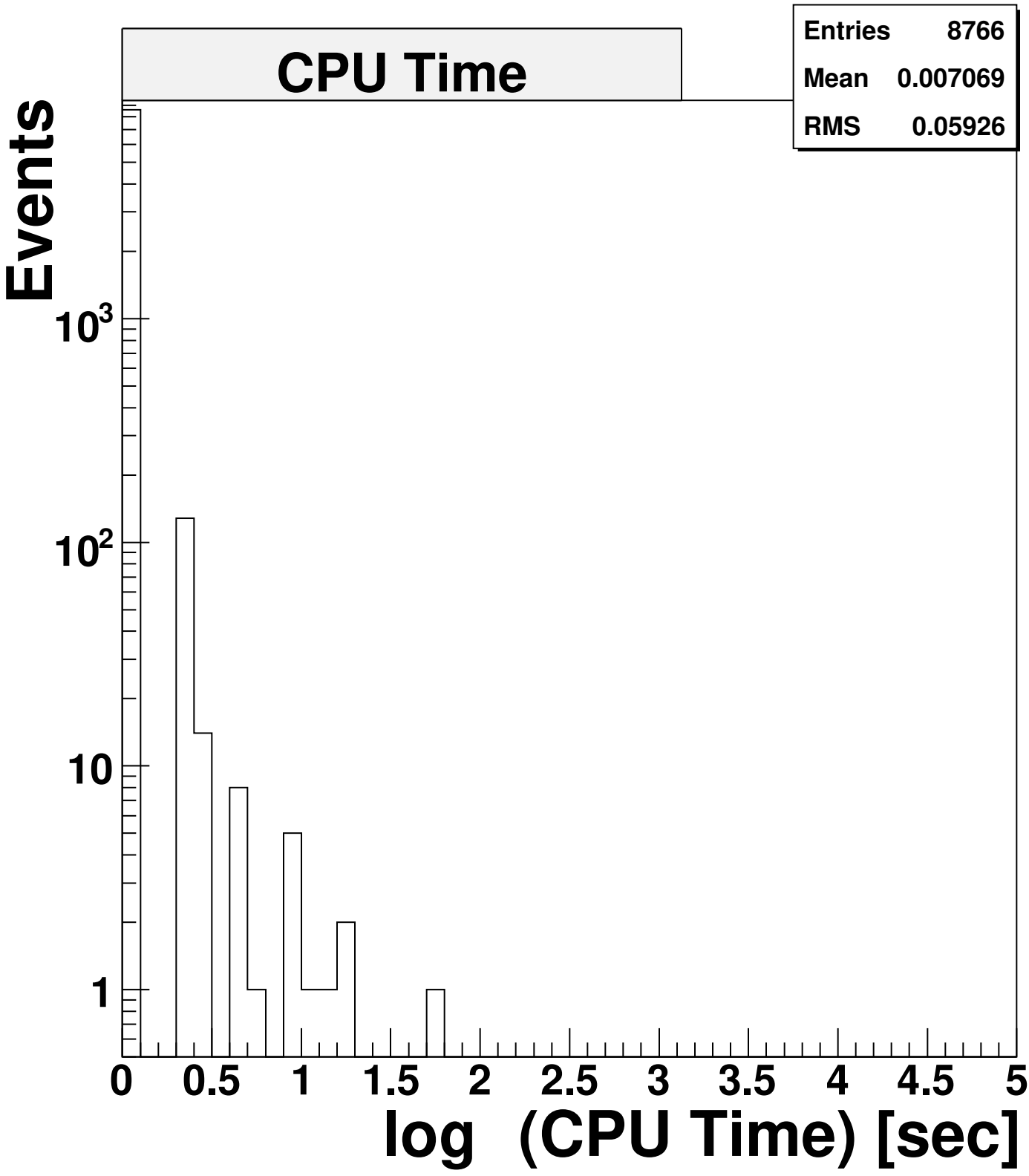

RECO Performance (Timing)