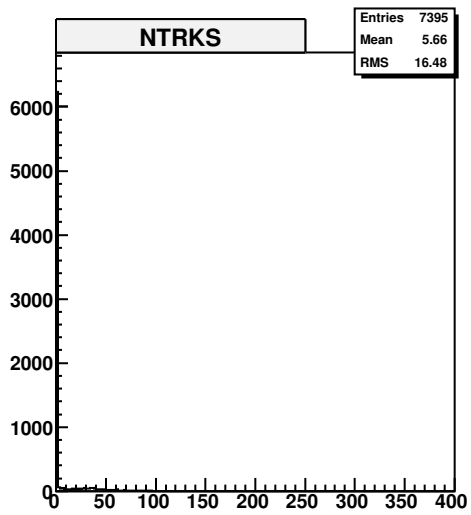
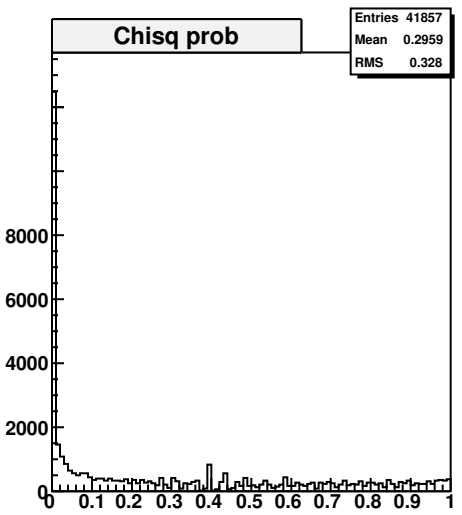
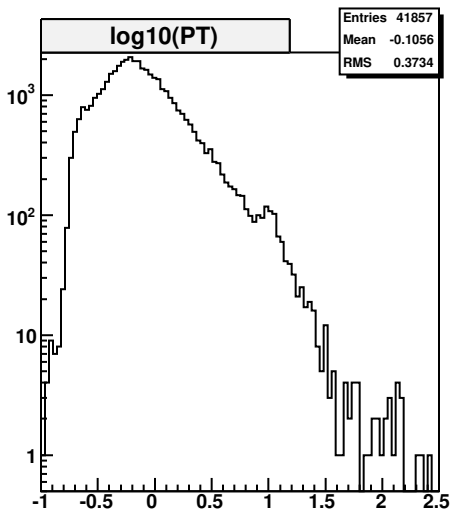
Page 3: Tracks (All)
Page 4: Tracks Hits (All)
Page 5: Tracks (Tight)
Page 6: Tracking (Efficiency - Isolated)
Page 7: Tracking (Efficiency - InJets)
Page 8: Vertices (Primary - all candidates)
Page 9: Vertices (Primary - best)
Page 10: V0 (All)
Page 11: V0 (B mesons)
Page 12: Electrons (SCONE All)
Page 13: Electrons (SCONE Tight)
Page 14: Muons (All)
Page 15: Muons (Matched)
Page 16: Muons (Astub)
Page 17: Muons (BCstub)
Page 18: Muons (Unmateched)
Page 19: Met (No cuts)
Page 20: Jets (Cone R 0.7 no cuts)
Page 21: Jets (Cone R 0.7 standard cuts)
Page 22: Jets (Cone R 0.7 standard cuts, MET>30)
Page 23: Detector Occupancy (Detector)
Page 24: Detector Occupancy (Detector vs Detector)
Page 25: Calorimeter (All cells)
Page 26: Calorimeter (All CC cells)
Page 27: Calorimeter (All EC cells)
Page 28: Cal Objects with MET>30 (All cells)
Page 29: Calorimeter Event Quality (All cells)
Page 30: CPS Hit Strips (All Clusters)
Page 31: CPS Clusters (All Clusters)
Page 32: SmtClusters (allBarClusters)
Page 33: SmtClusters (allFDiskClusters)
Page 34: SmtClusters (allHDiskClusters)
Page 35: SmtClusters (ClustrBar1)
Page 36: SmtClusters (ClustrBar2)
Page 37: SmtClusters (ClustrBar3)
Page 38: SmtClusters (ClustrBar4)
Page 39: SmtClusters (ClustrBar5)
Page 40: SmtClusters (ClustrBar6)
Page 41: SmtClusters (FDiskClusters)
Page 42: SmtClusters (HDiskClusters)
Page 43: Smt Track Clusters (allBarTClusters)
Page 44: Smt Track Clusters (allFDiskTClusters)
Page 45: Smt Track Clusters (allHDiskTClusters)
Page 46: CFT Summary (All Clusters)
Page 47: CFT Occupancy (All Clusters)
Page 48: CFT ADC Summary (All Clusters)
Page 49: CFT Summary (Clusters on tracks)
Page 50: CFT Occupancy (Clusters on tracks)
Page 51: CFT ADC Summary (Clusters on tracks)
Page 52: MuonPDT (All)
Page 53: MuonMDT (All)

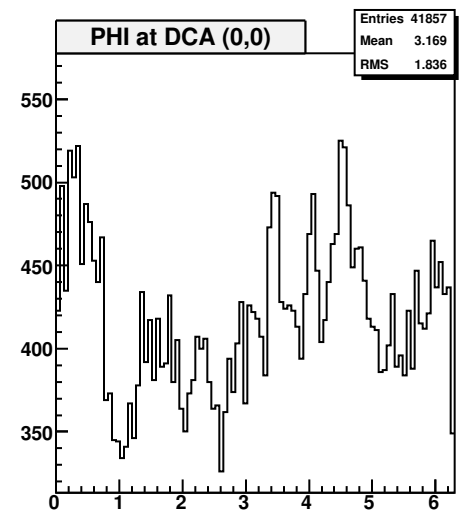
RecoCert_Plots (Index)

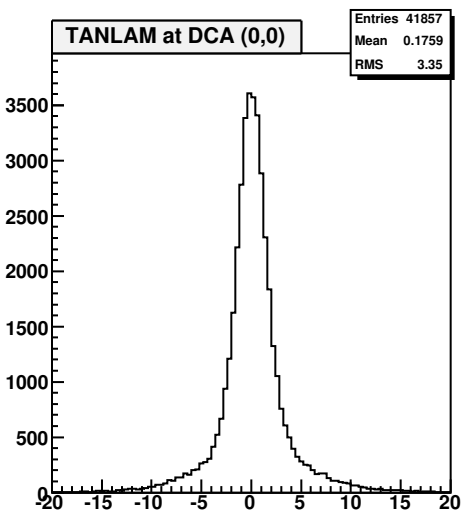
Page 54: MuonMSC (All)
Page 55: Muon Local Tracks (All)
Page 56: Muon Local Tracks (MediumWamus)
Page 57: Muon Local Tracks (MediumFamus)
Page 58: FPS Trigger Sector Occupancy
Page 59: FPS Number of Hits
Page 60: RECO Performance (Timing)

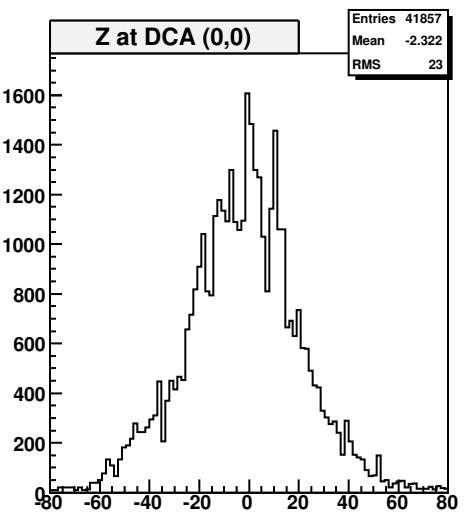

NTRKS
Entries 7395
Mean 5.66
RMS 16.48

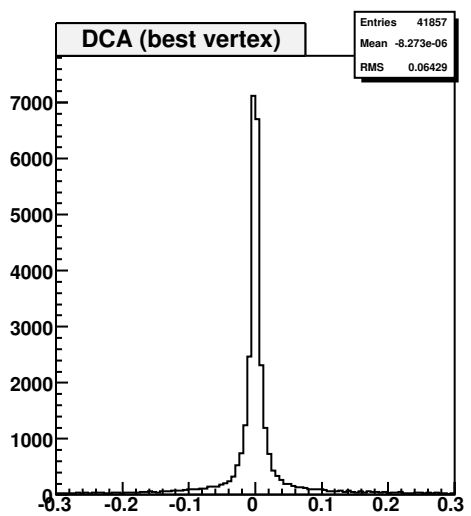

Chisq prob
Entries 41857
Mean 0.2959
RMS 0.328

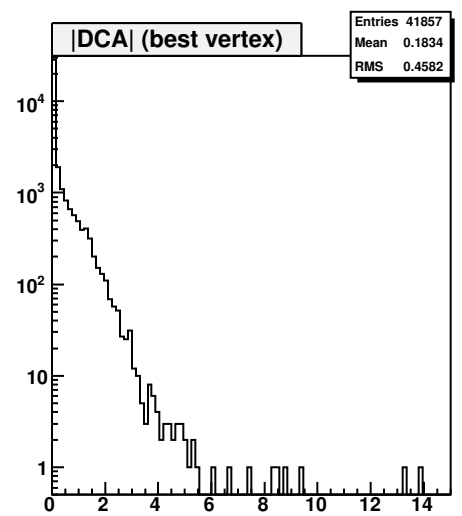

log10(PT)
Entries 41857
Mean -0.1056
RMS 0.3734

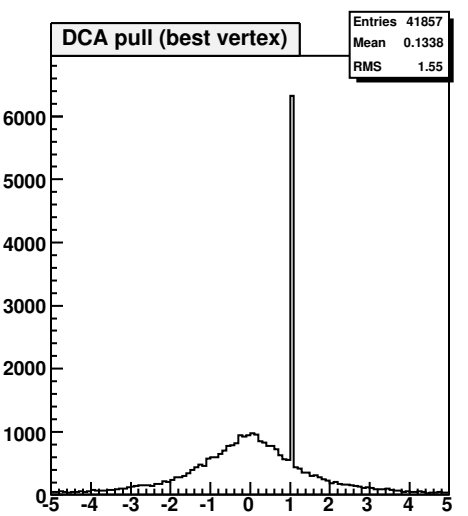

PHI at DCA (0,0)
Entries 41857
Mean 3.169
RMS 1.836


TANLAM at DCA (0,0)
Entries 41857
Mean 0.1759
RMS 3.35

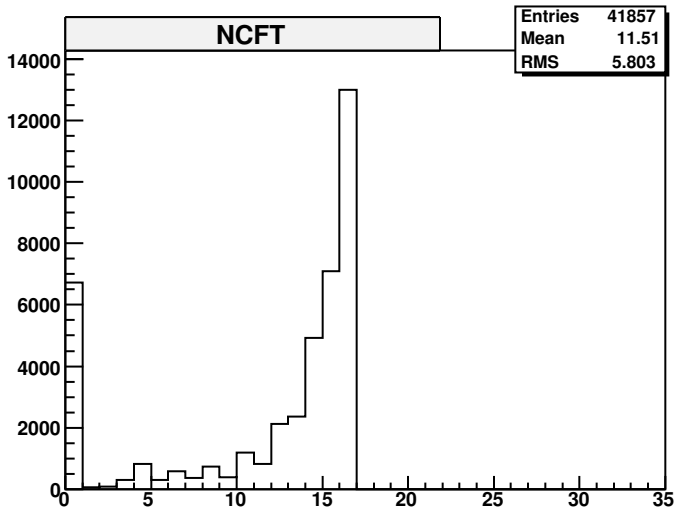

Z at DCA (0,0)
Entries 41857
Mean -2.322
RMS 23

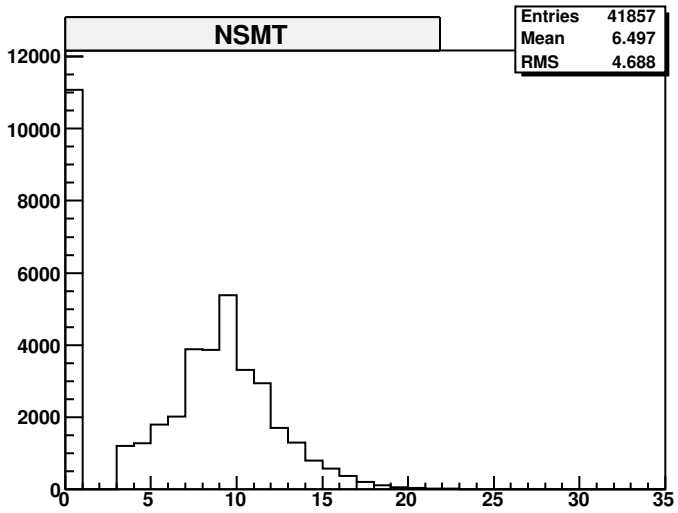

DCA (best vertex)
Entries 41857
Mean -8.273e-06
RMS 0.06429

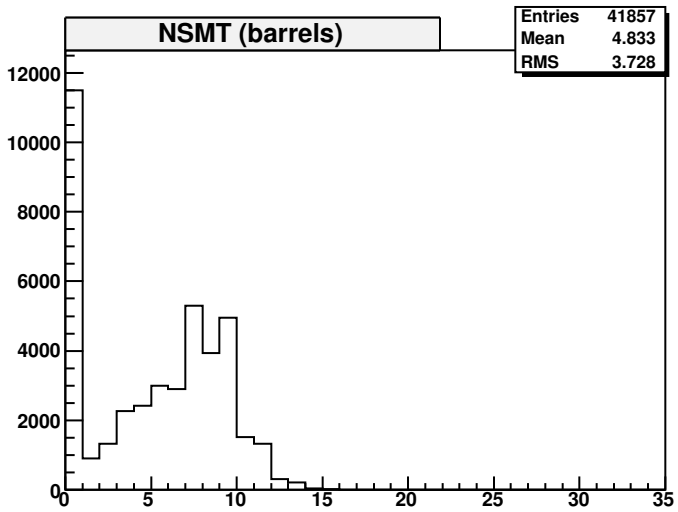

|DCA| (best vertex)
Entries 41857
Mean 0.1834
RMS 0.4582

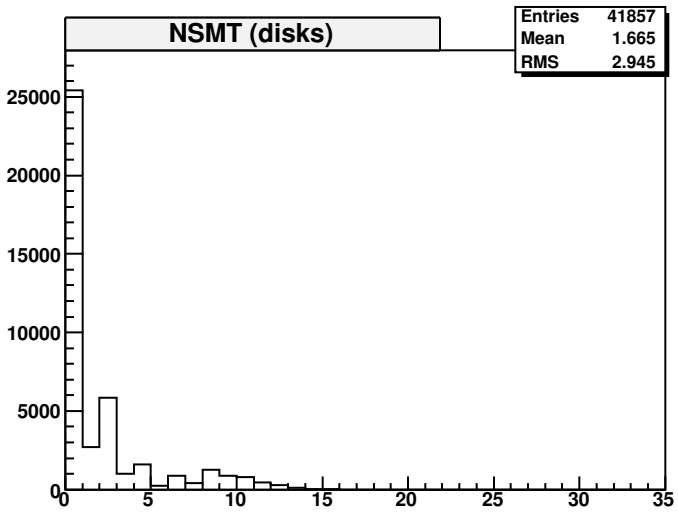

DCA pull (best vertex)
Entries 41857
Mean 0.1338
RMS 1.55

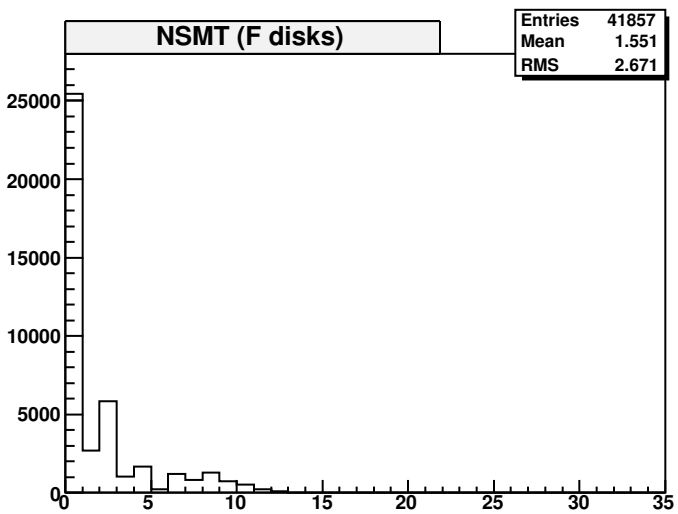
Tracks (All)

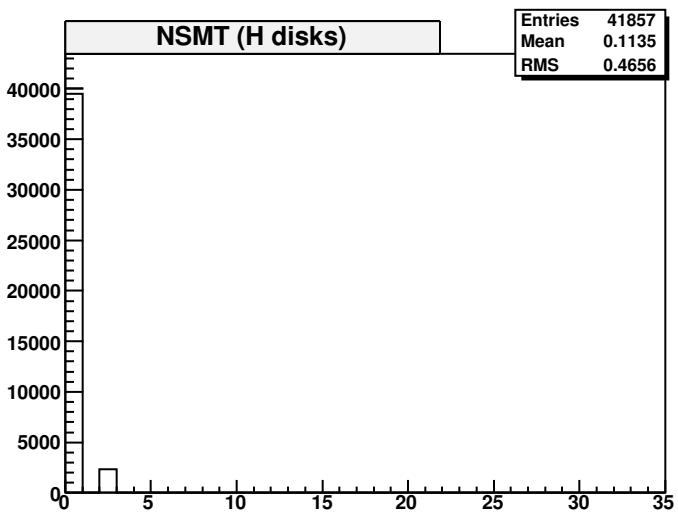




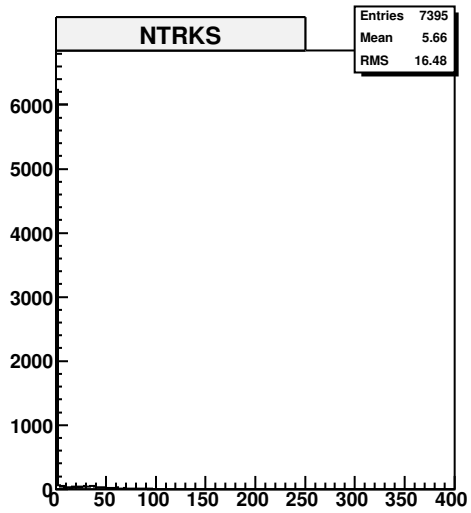


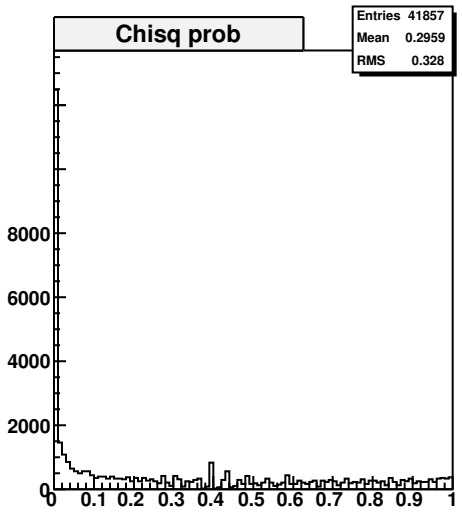


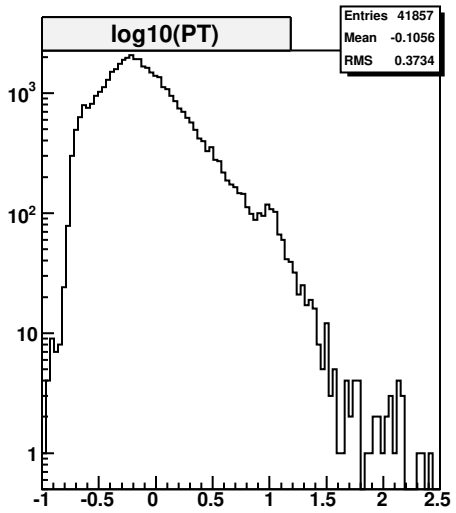


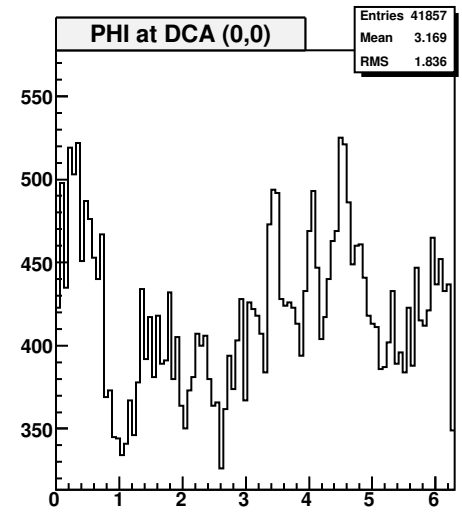


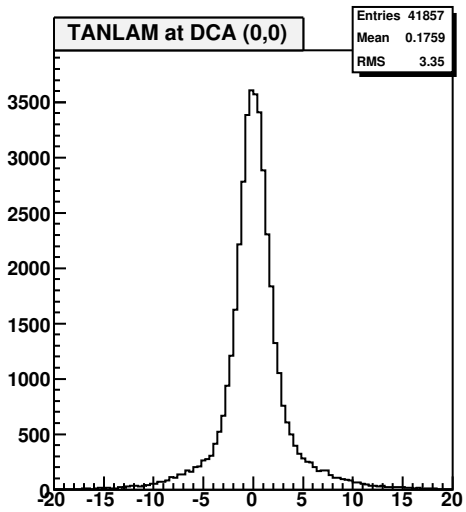
Track Hits (All)

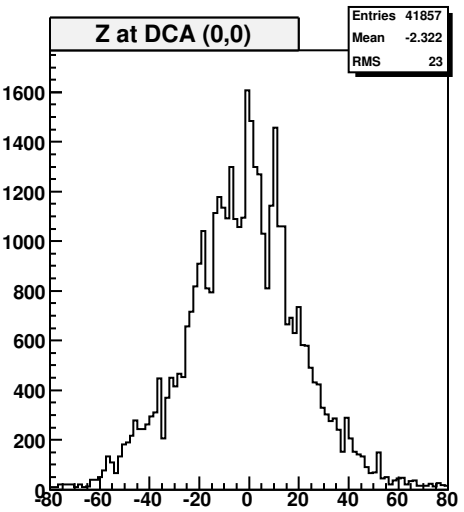


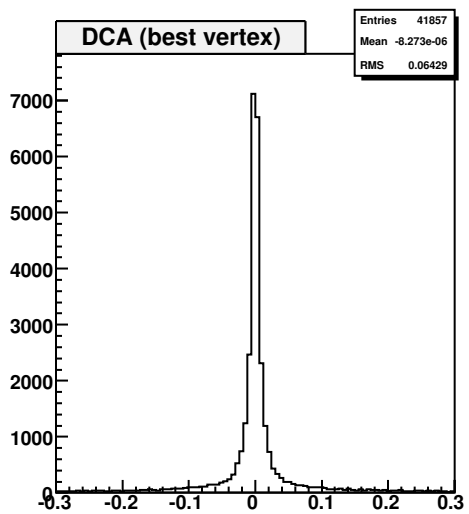


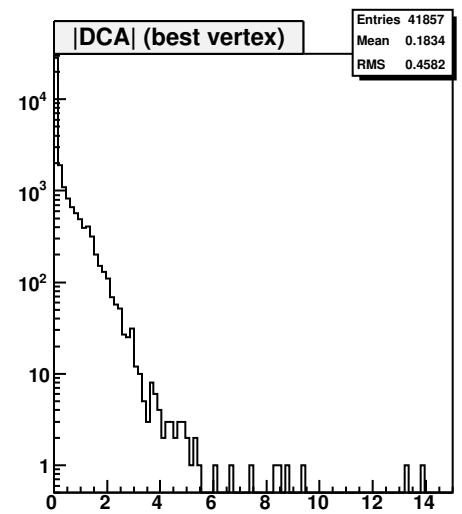


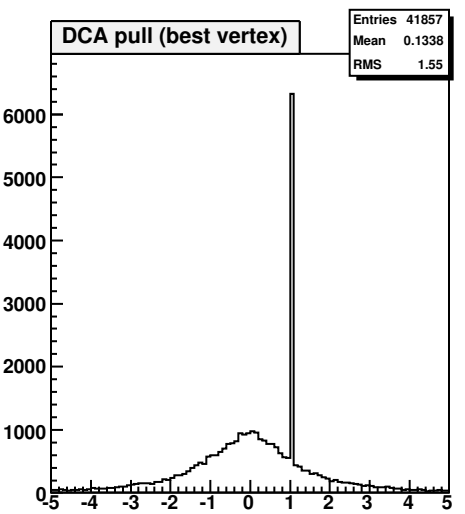




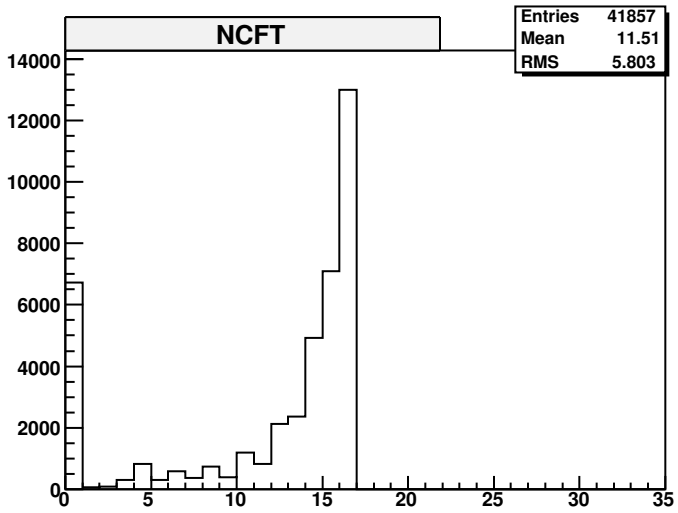


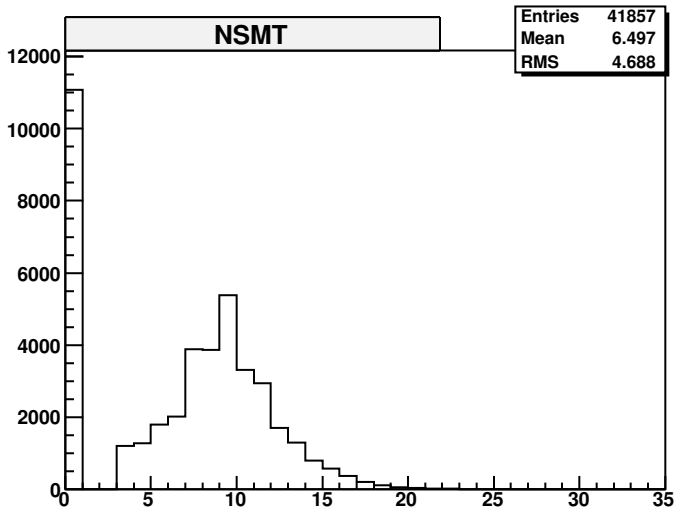


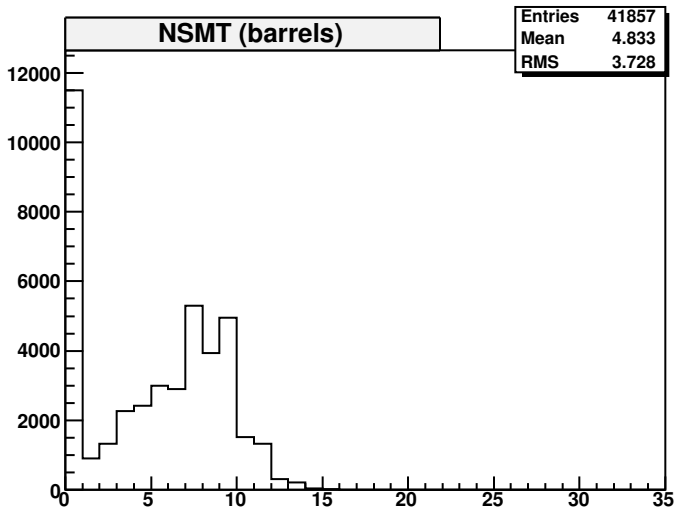


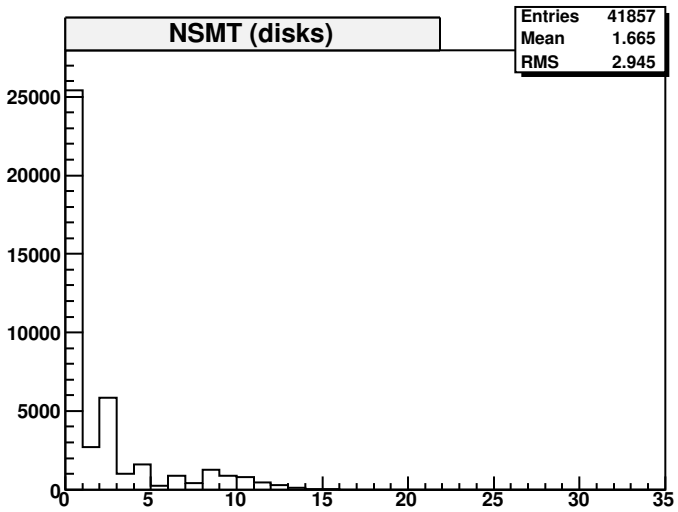


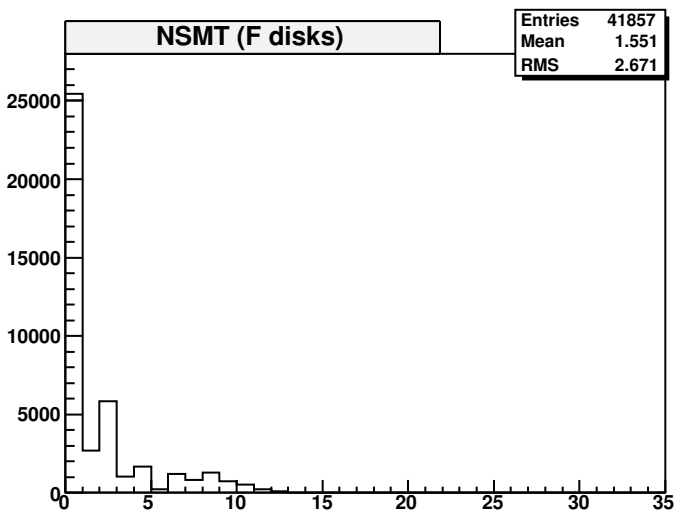
Tracks (Tight)

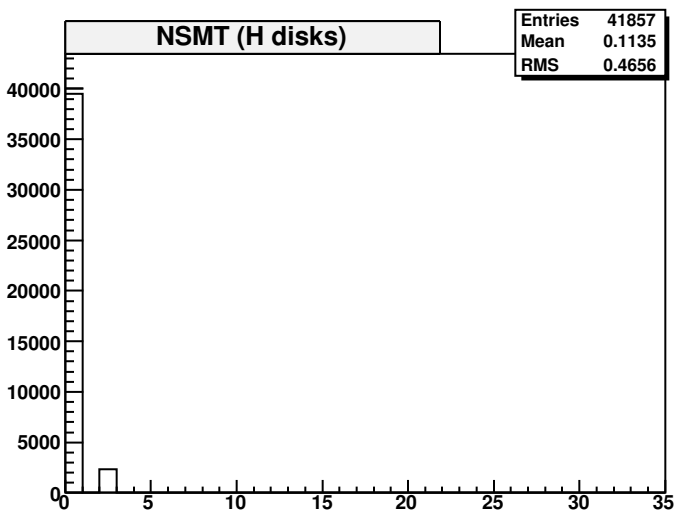




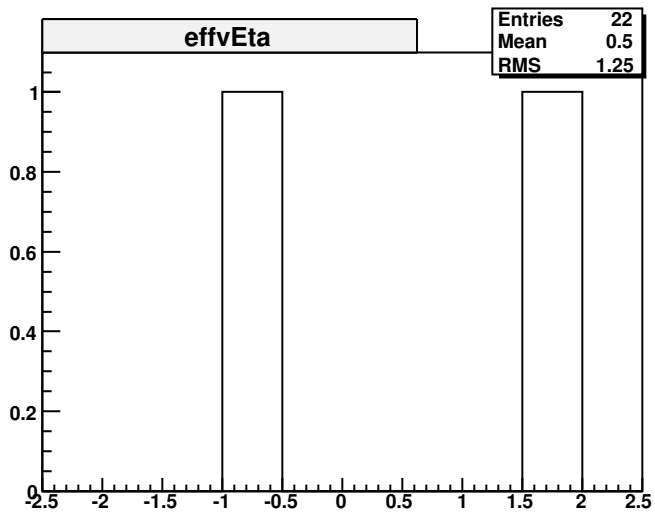


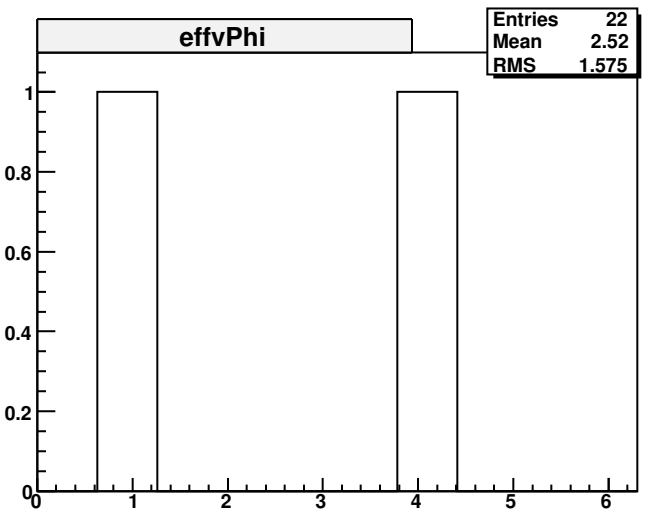


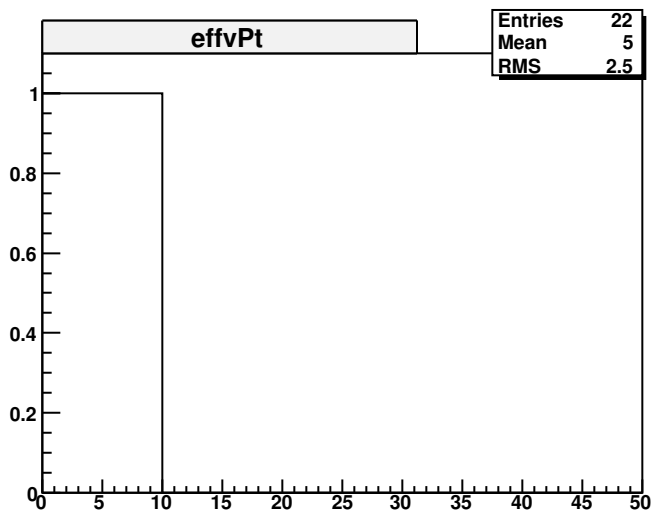


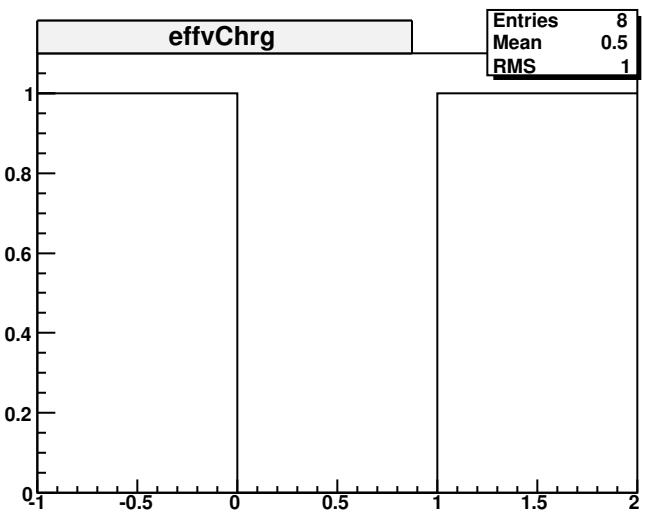


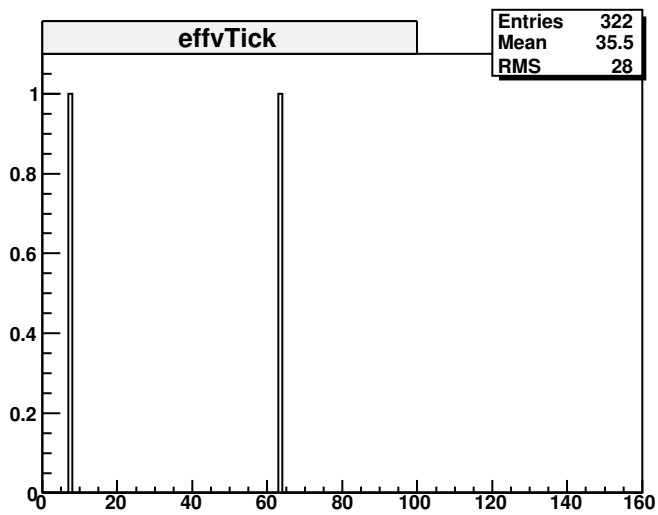
Track Hits (Tight)

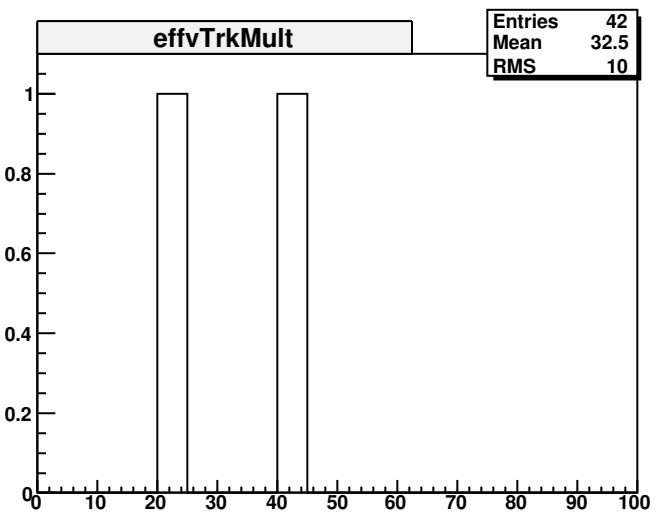




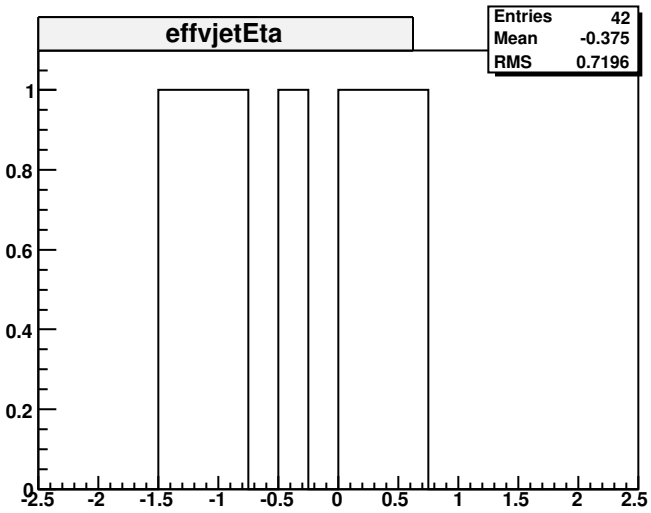


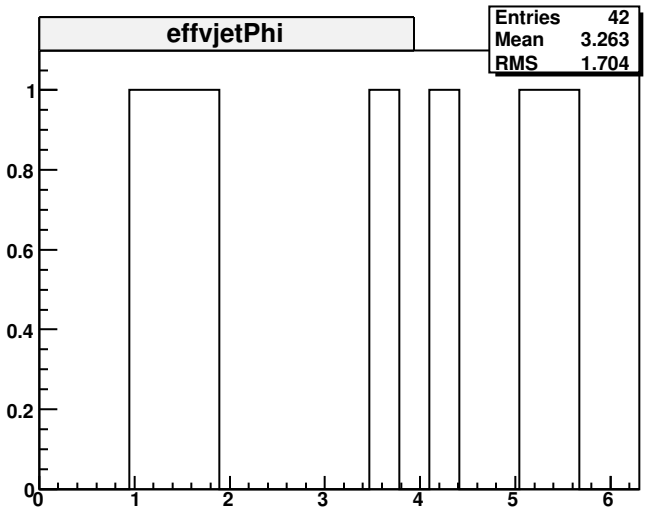


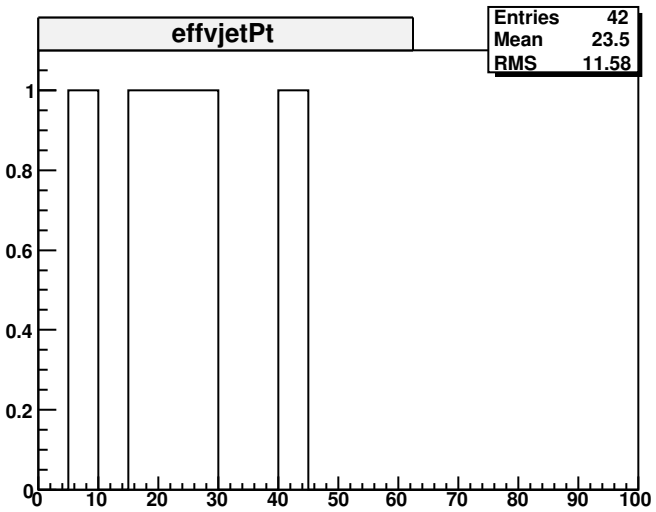


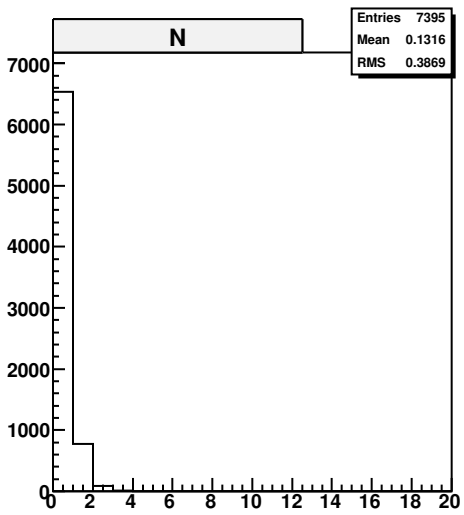


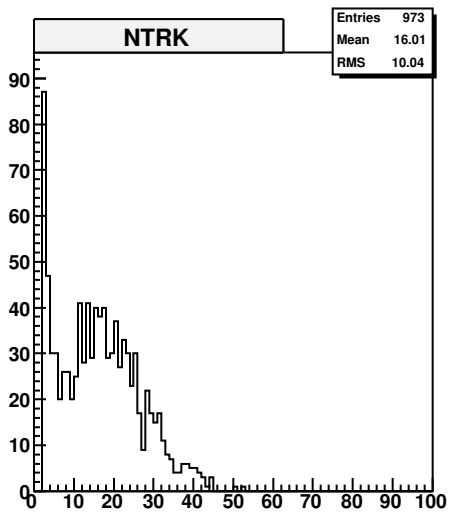
Tracking (Efficiency-Isolated)

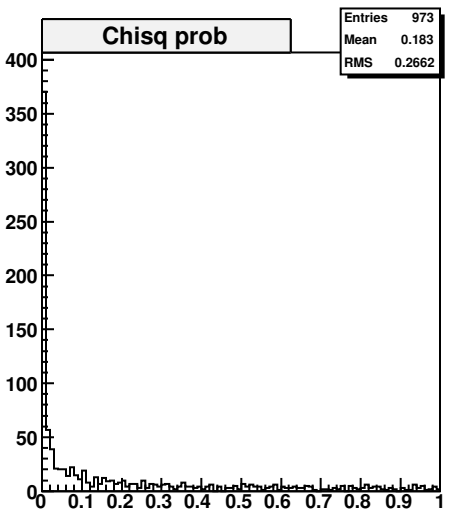

effvjetEta
Entries 42
Mean -0.375
RMS 0.7196
1
0.8
0.6
0.4
0.2
0
-2.5 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2 2.5

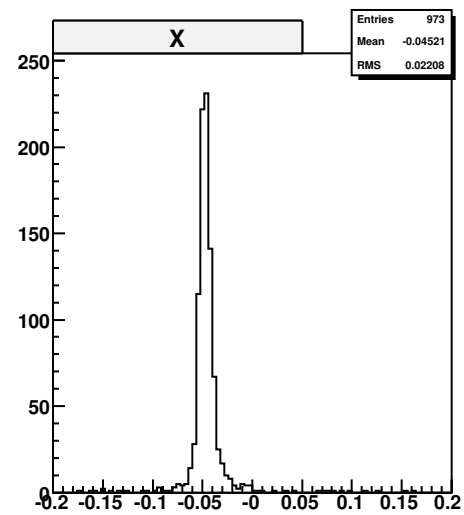

effvjetPhi
Entries 42
Mean 3.263
RMS 1.704
1
0.8
0.6
0.4
0.2
0
0 1 2 3 4 5 6

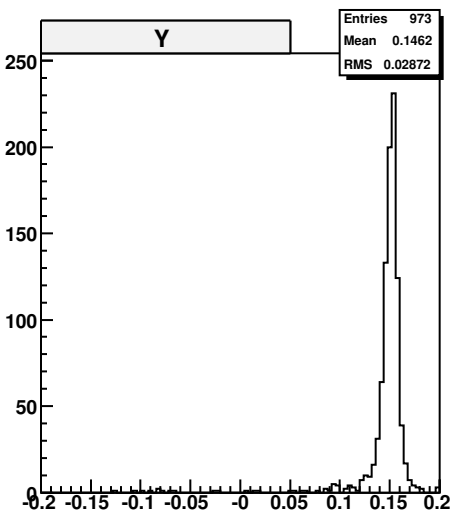

effvjetPt
Entries 42
Mean 23.5
RMS 11.58
1
0.8
0.6
0.4
0.2
0
0 10 20 30 40 50 60 70 80 90 100

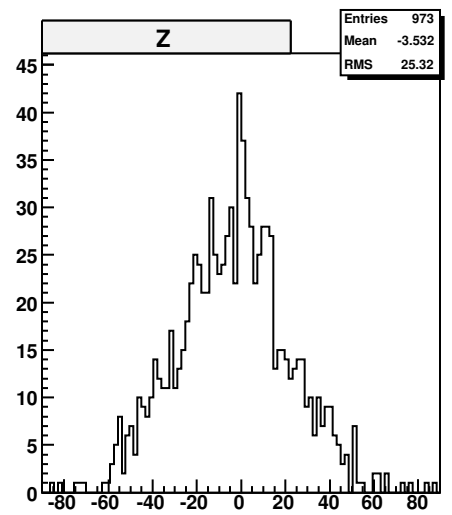


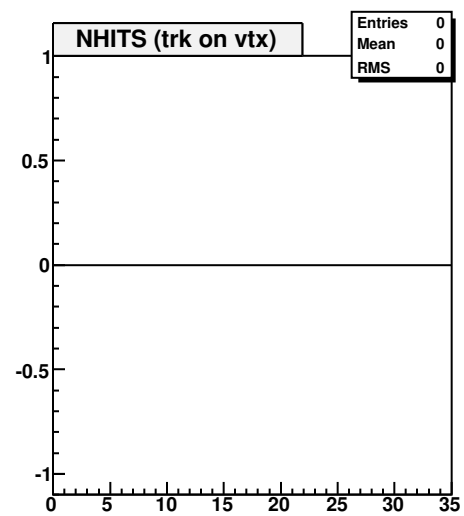


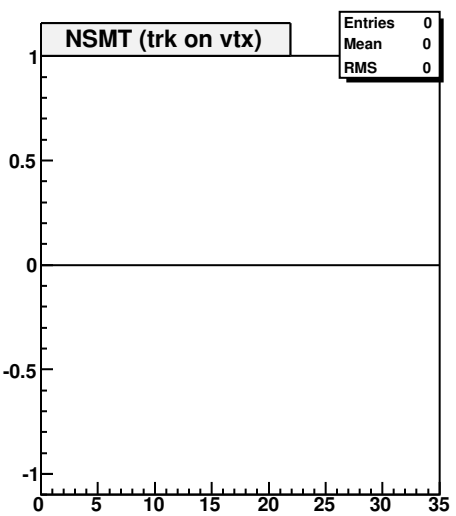


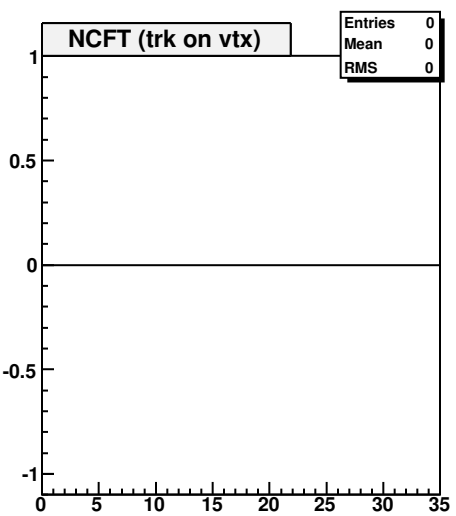




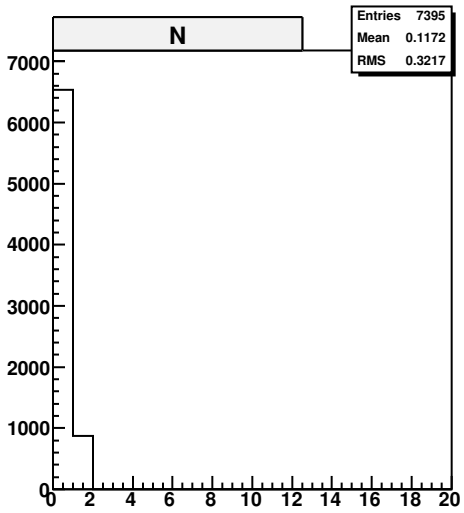


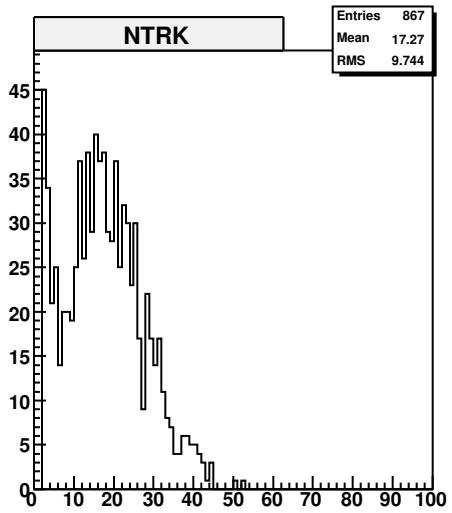


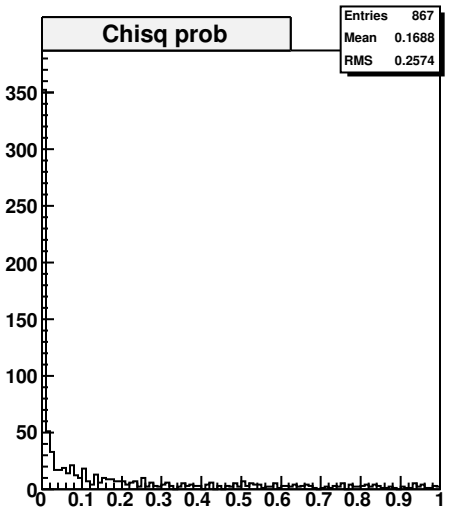


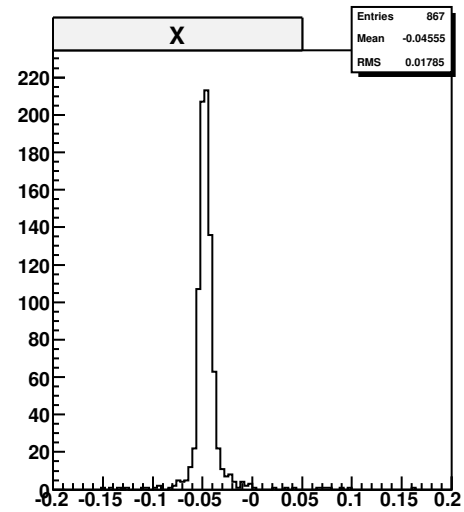


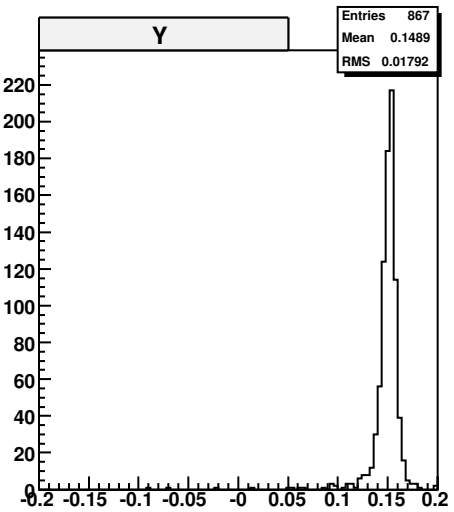
Vertices (Primary - all candidates)

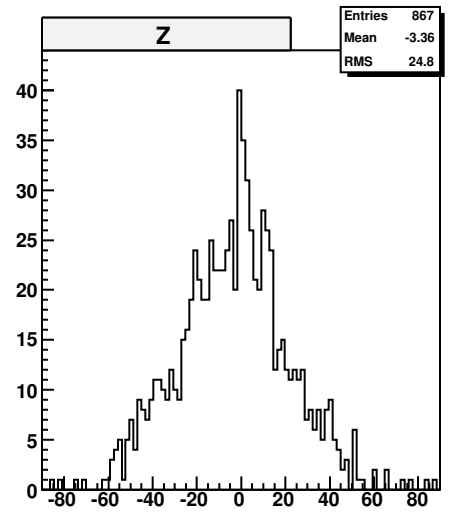


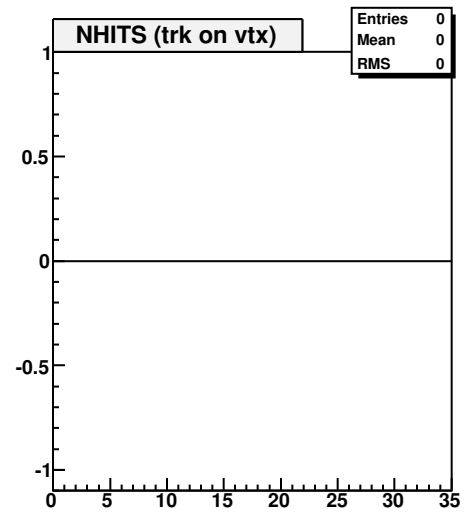


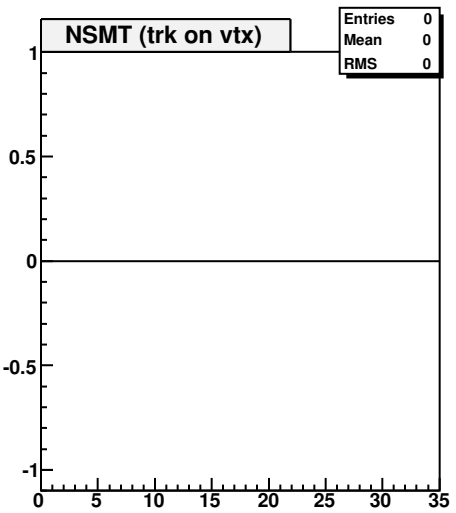


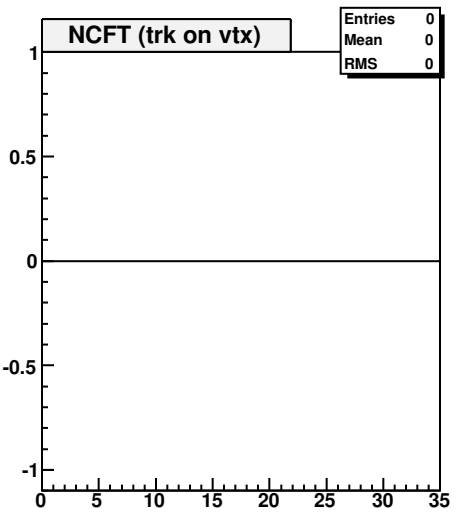




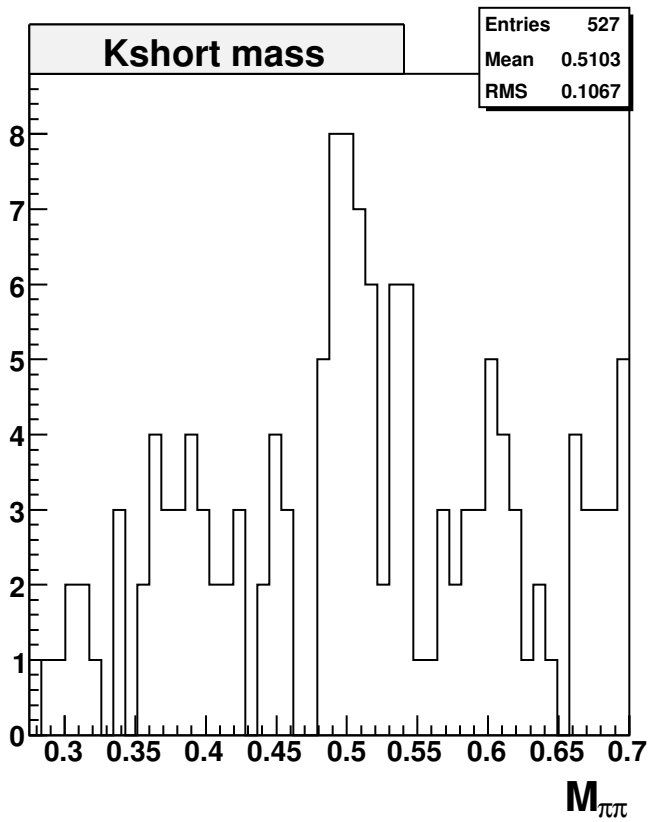


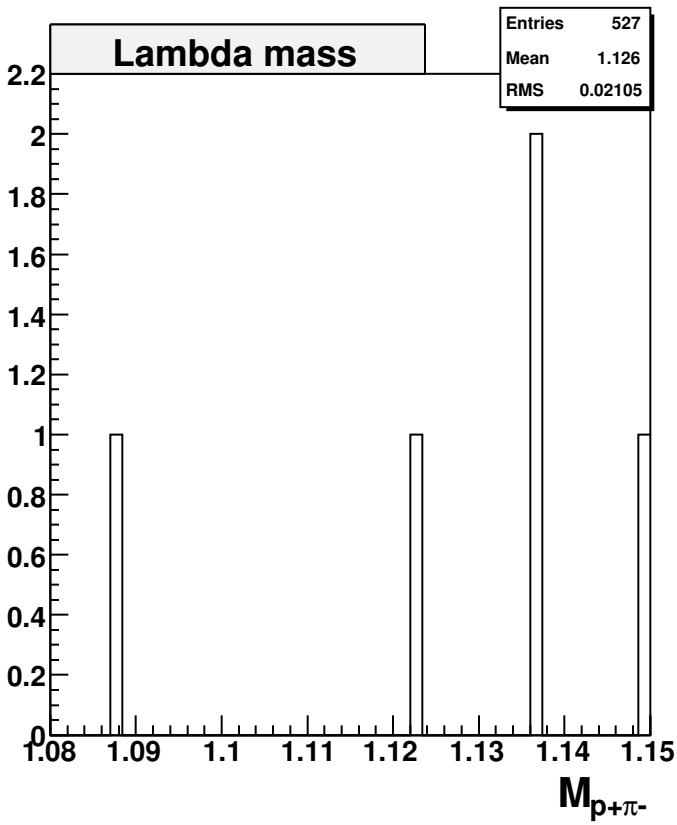


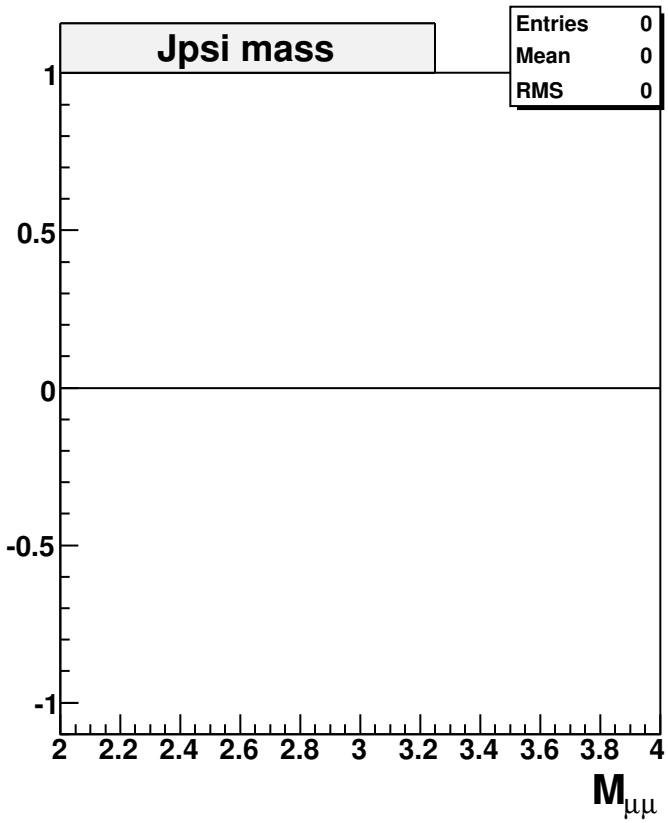


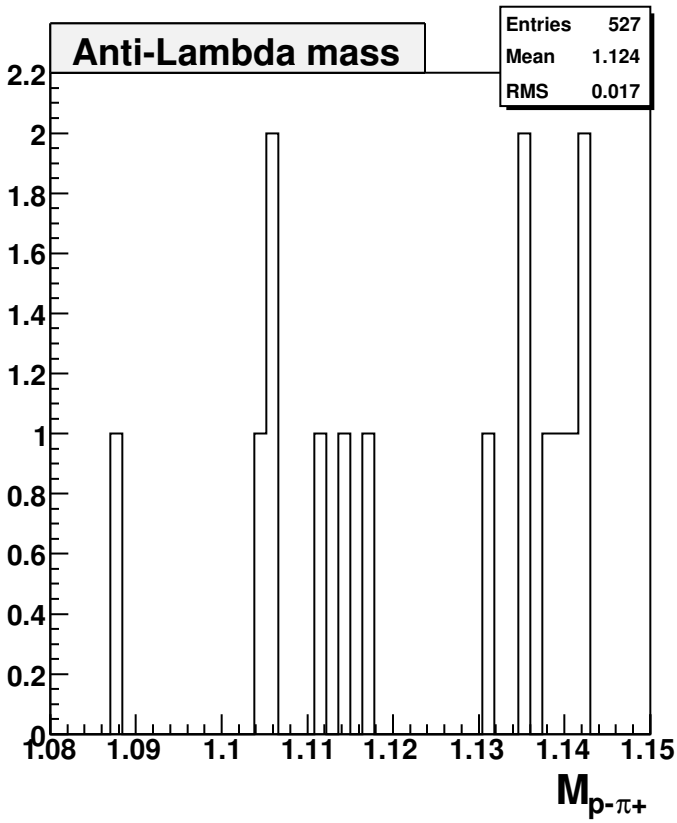


Vertices (Primary - best)

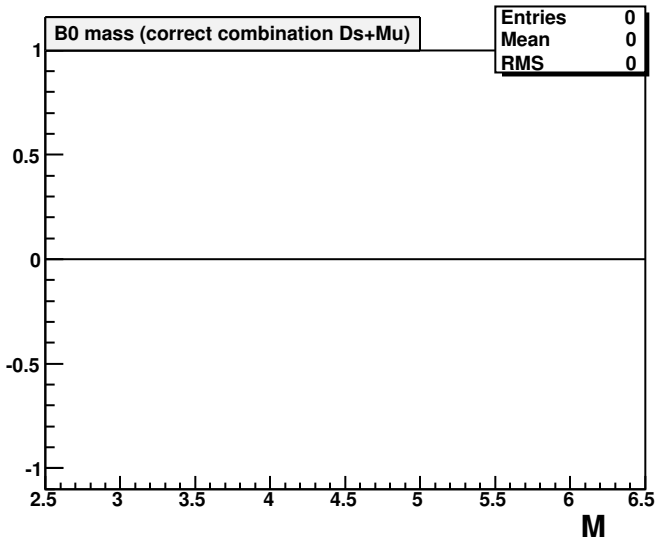

Kshort mass
Entries 527
Mean 0.5103
RMS 0.1067
$M_{\pi\pi}$

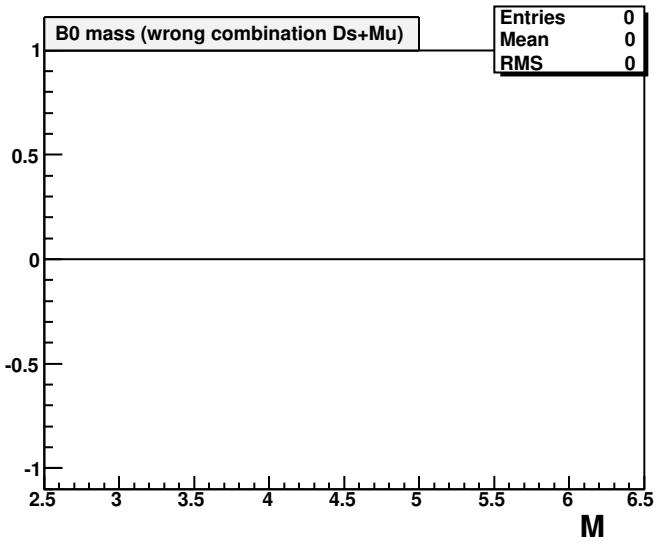

Lambda mass
Entries 527
Mean 1.126
RMS 0.02105
$M_{p+\pi-}$

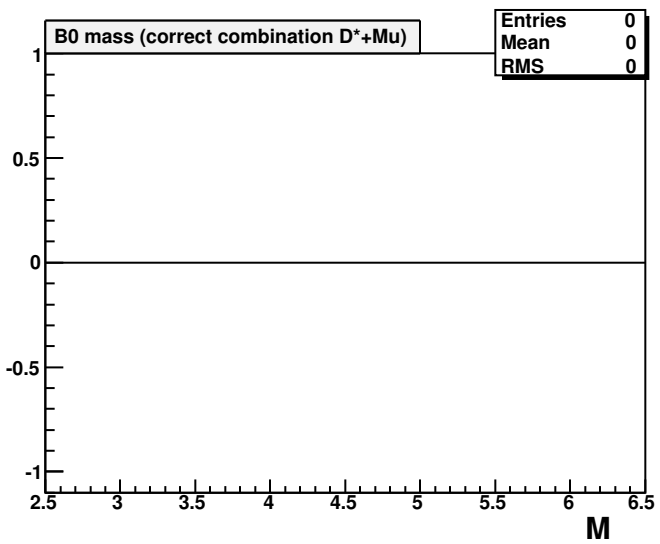

Jpsi mass
Entries 0
Mean 0
RMS 0
$M_{\mu\mu}$

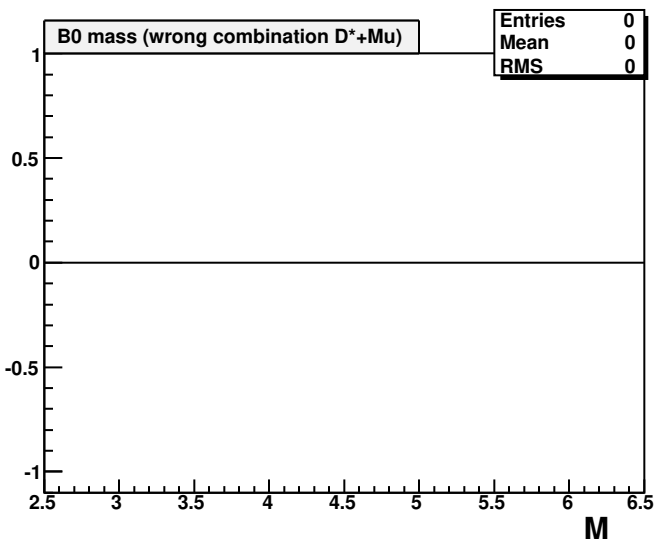

Anti-Lambda mass
Entries 527
Mean 1.124
RMS 0.017
$M_{p-\pi+}$

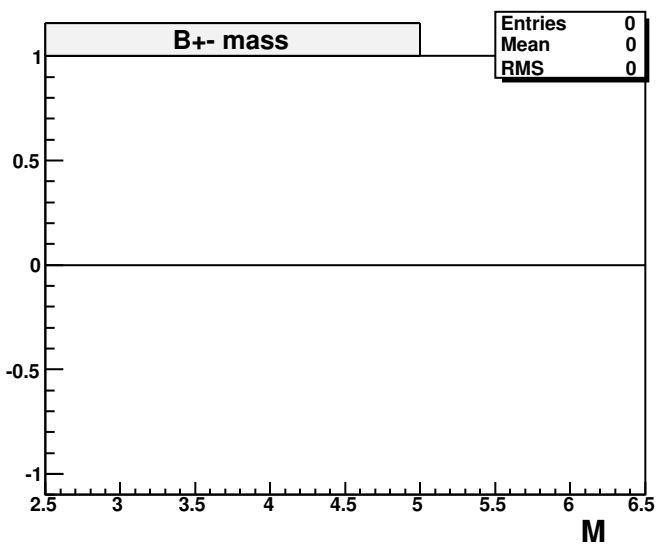
V0 (All)



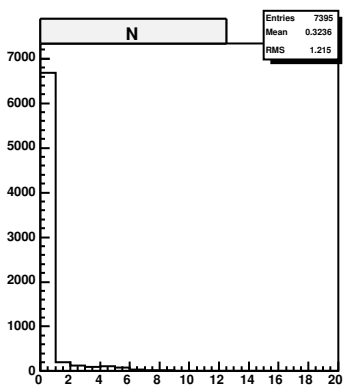


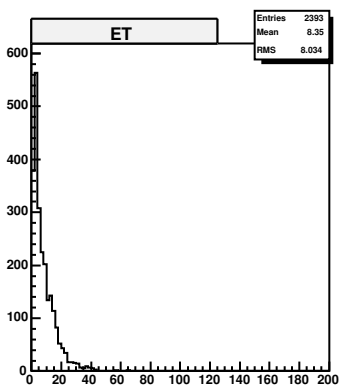


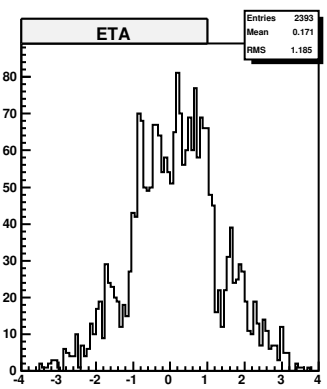


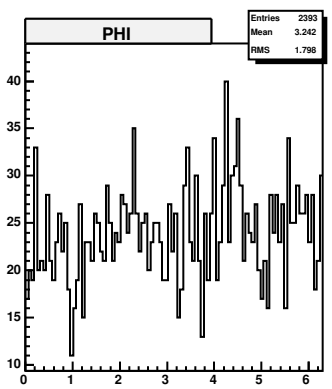


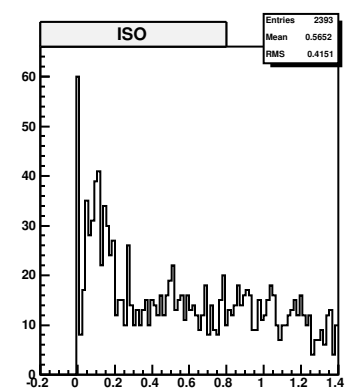
V0(B mesons) (All)

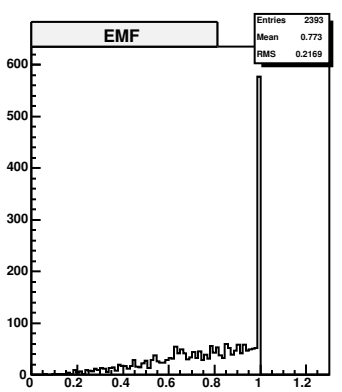


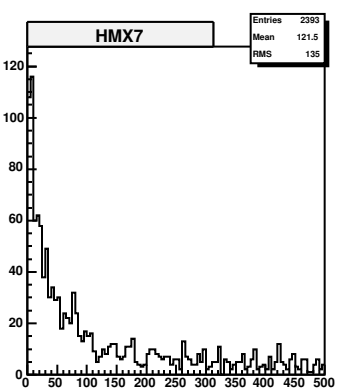


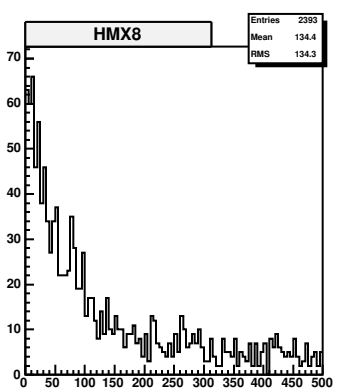


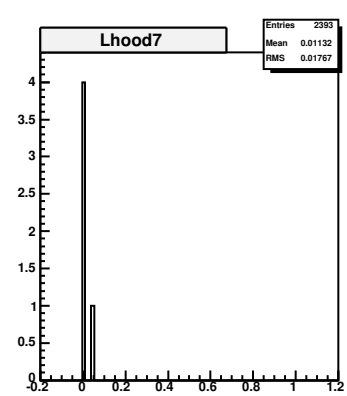


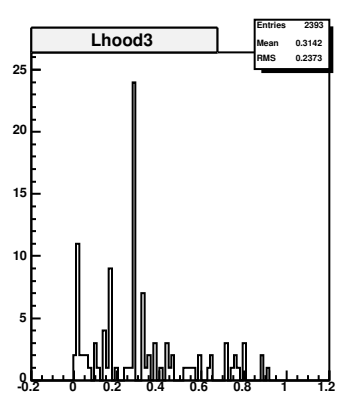


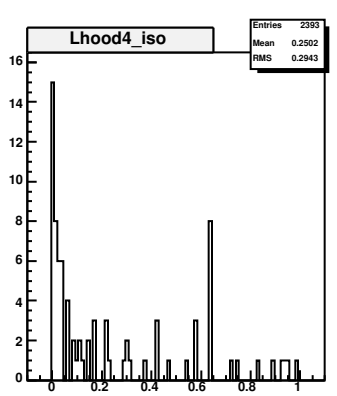


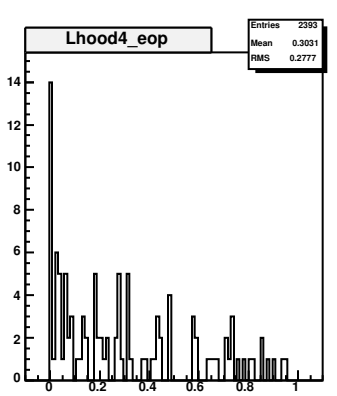


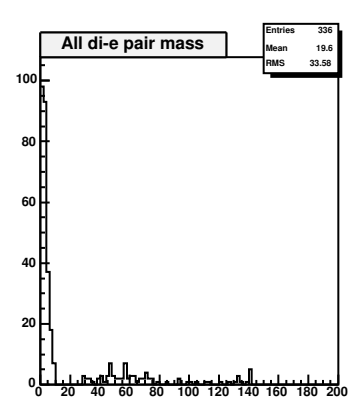


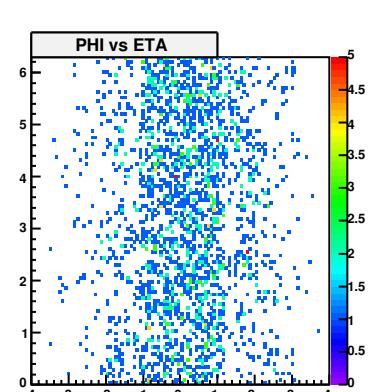


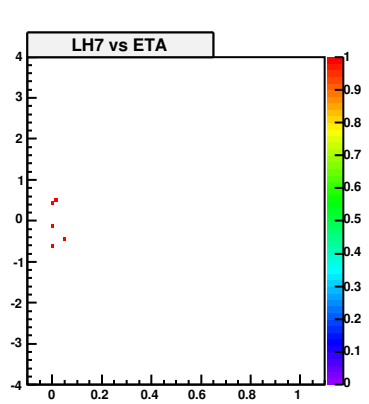


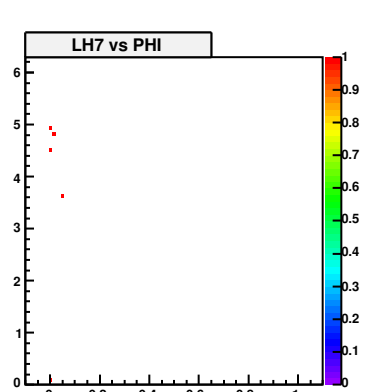




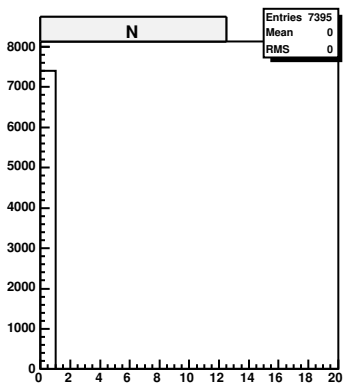


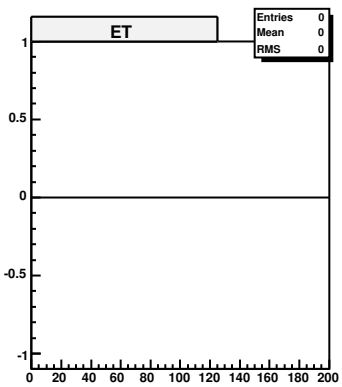


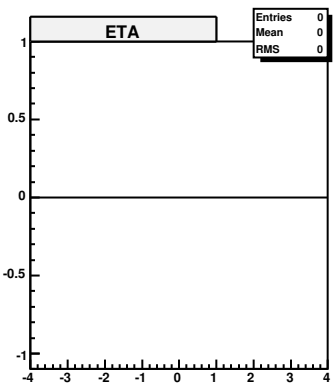


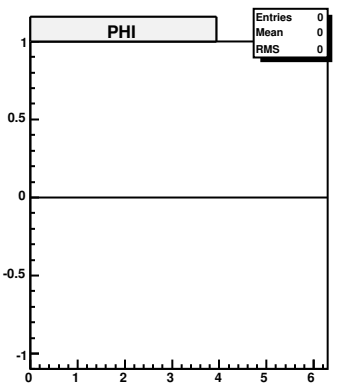


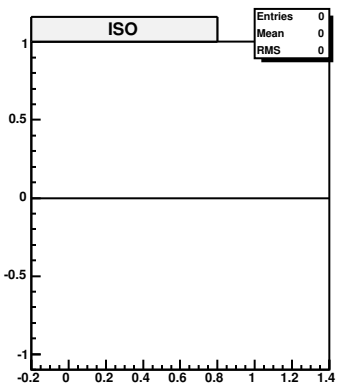
Electrons (SCONE All)

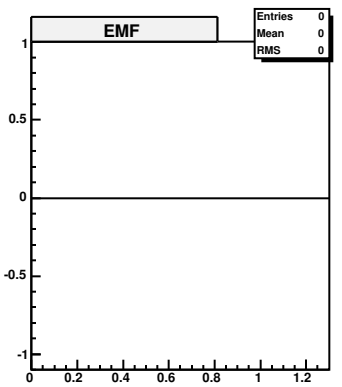


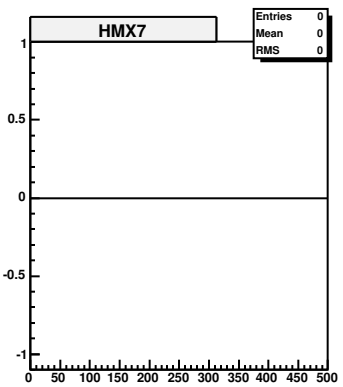


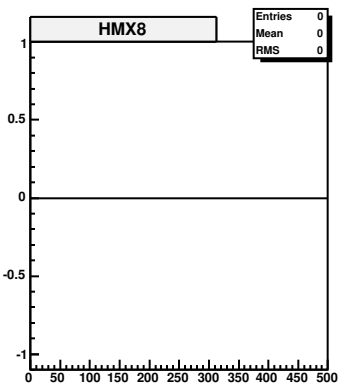


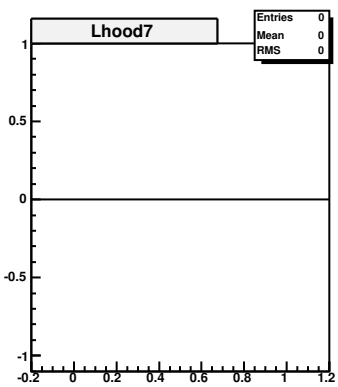


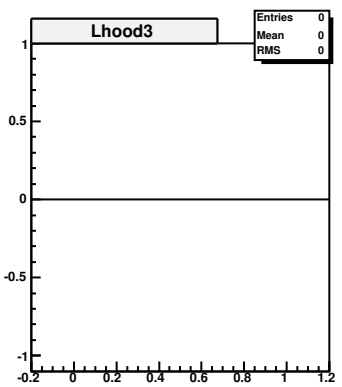


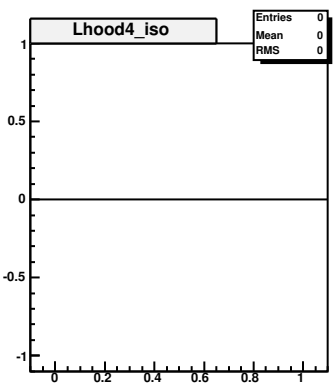


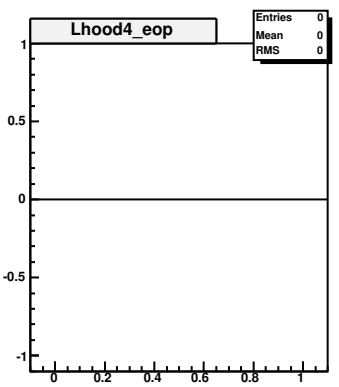


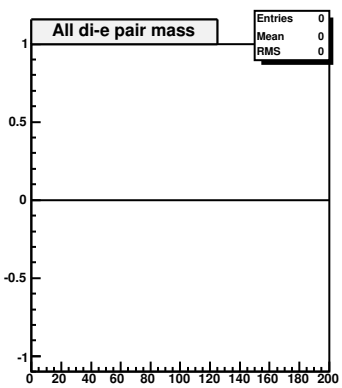


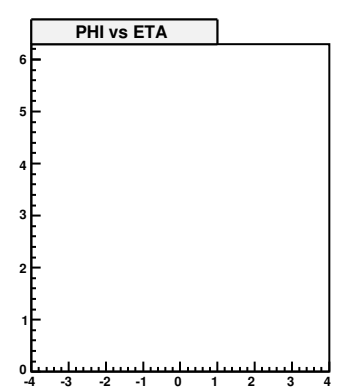


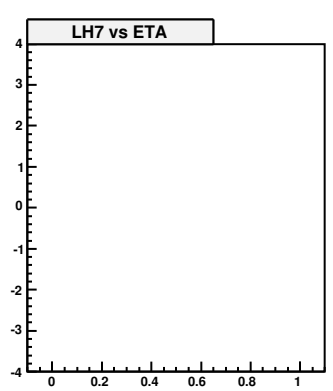


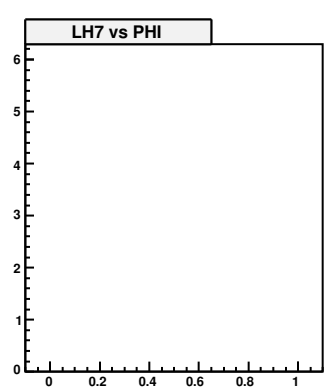




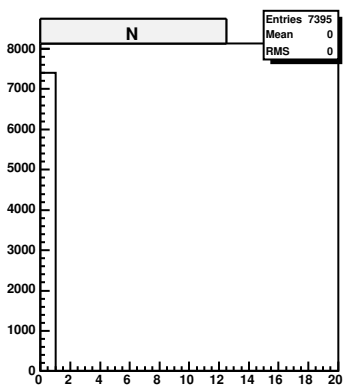


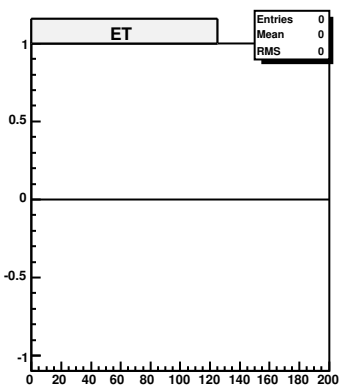


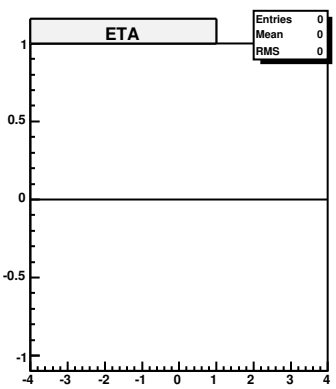


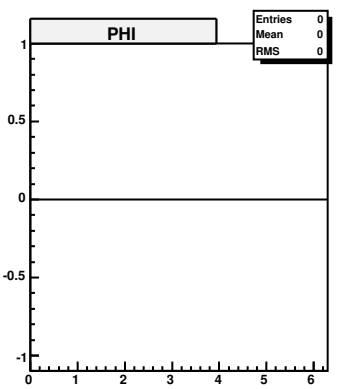


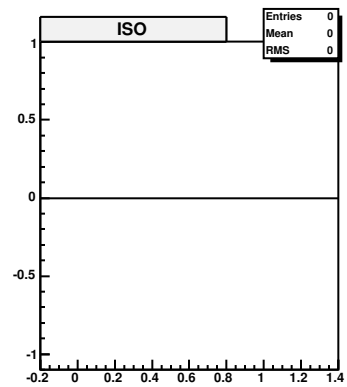
Electrons (SCONE Loose)

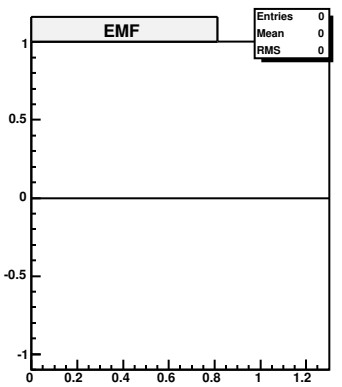


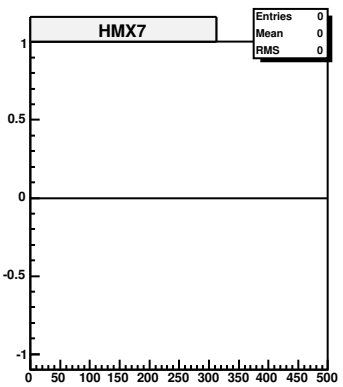


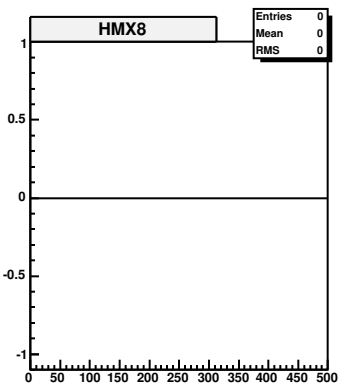


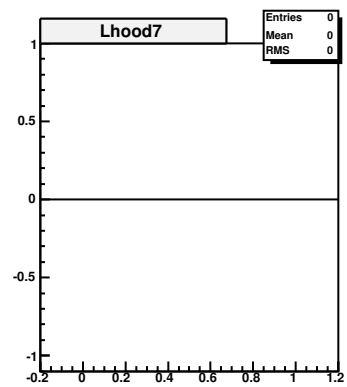


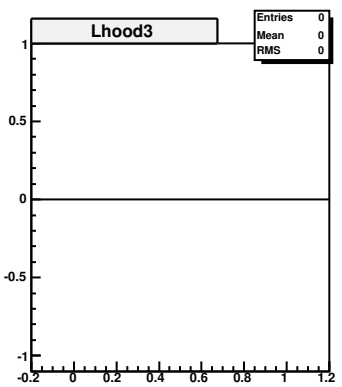


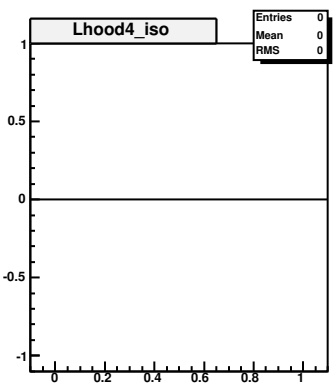


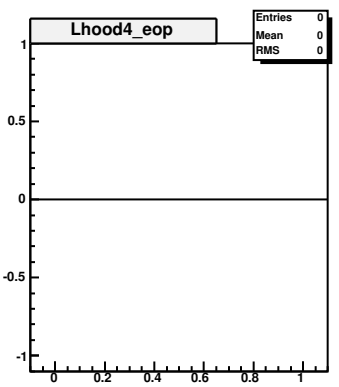


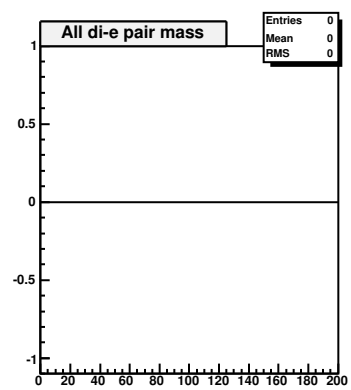


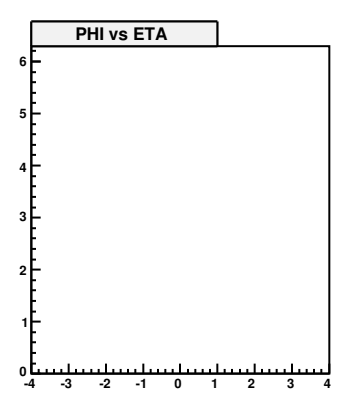


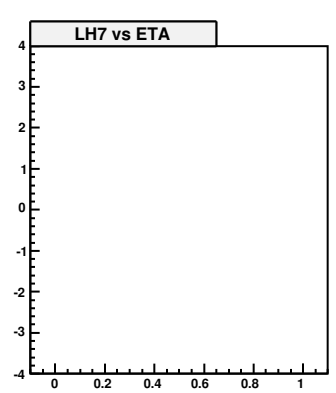


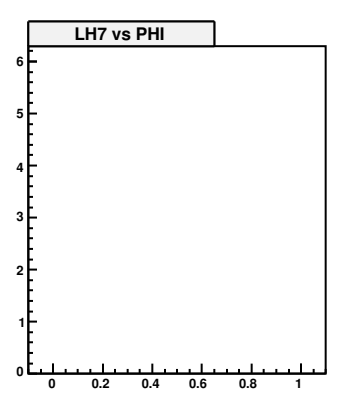




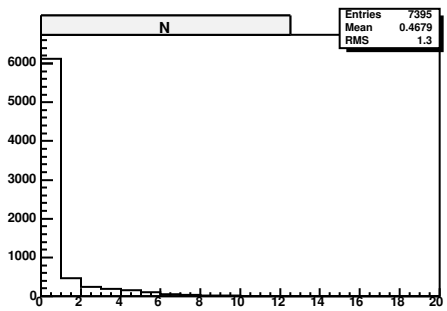


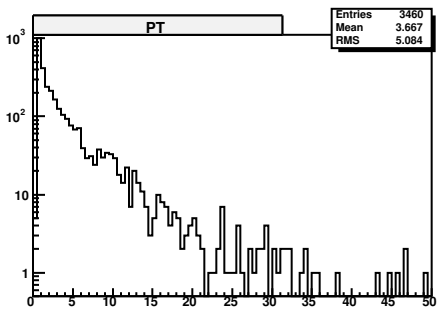


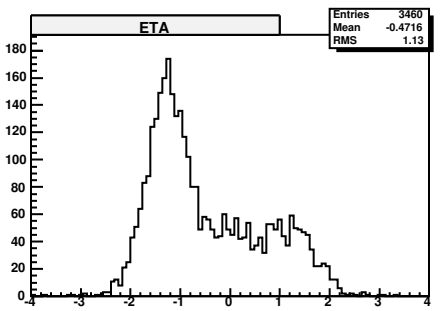


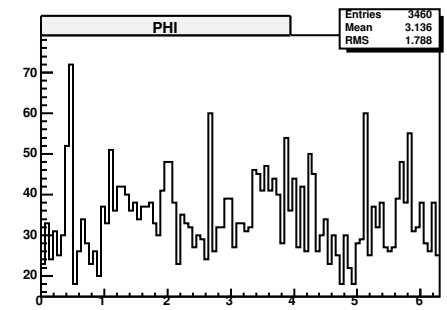


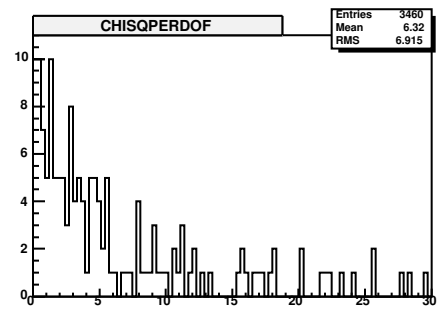
Electrons (SCONE Tight)

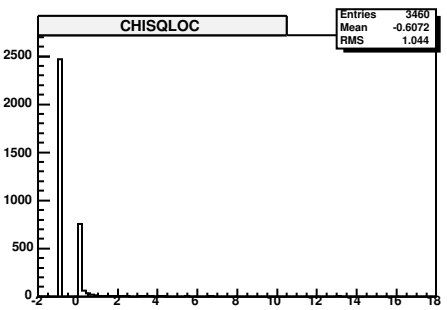

N
Entries 7395
Mean 0.4679
RMS 1.3

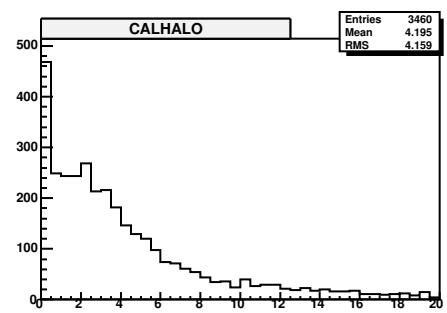

PT
Entries 3460
Mean 3.667
RMS 5.084

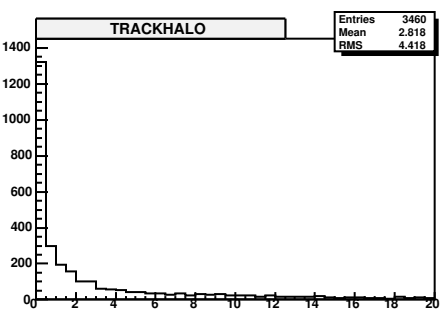

ETA
Entries 3460
Mean -0.4716
RMS 1.13

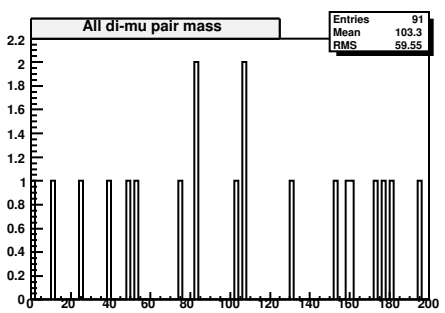

PHI
Entries 3460
Mean 3.136
RMS 1.788

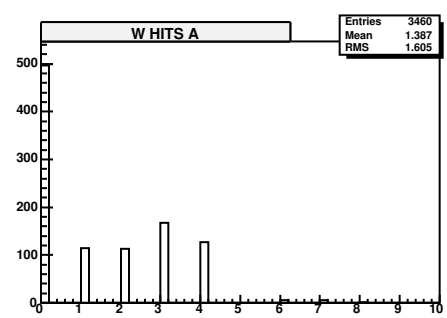

CHISQPERDOF
Entries 3460
Mean 6.32
RMS 6.915

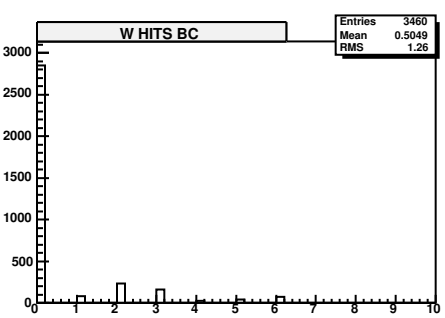

CHISQLOC
Entries 3460
Mean -0.6072
RMS 1.044

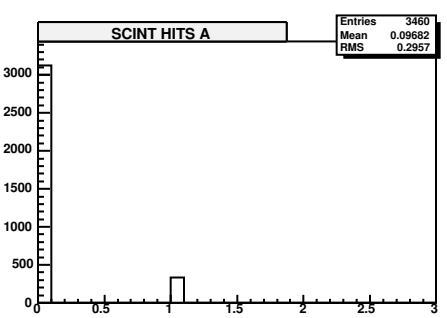

CALHALO
Entries 3460
Mean 4.195
RMS 4.159

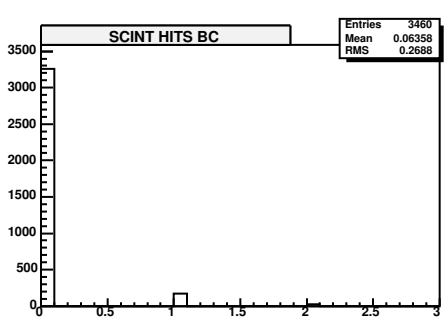

TRACKHALO
Entries 3460
Mean 2.818
RMS 4.418


All di-mu pair mass
Entries 91
Mean 103.3
RMS 59.55

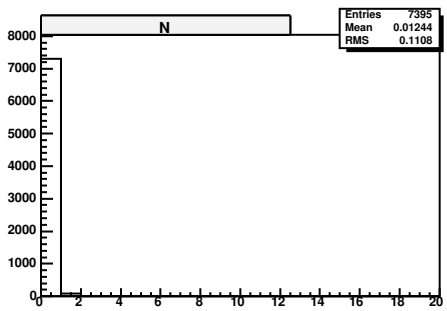

W HITS A
Entries 3460
Mean 1.387
RMS 1.605

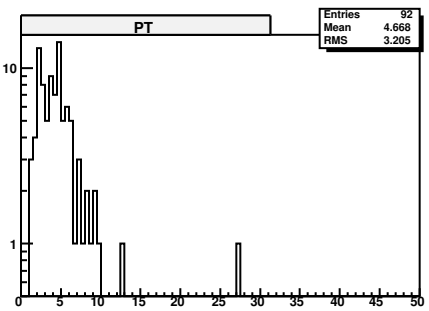

W HITS BC
Entries 3460
Mean 0.5049
RMS 1.26

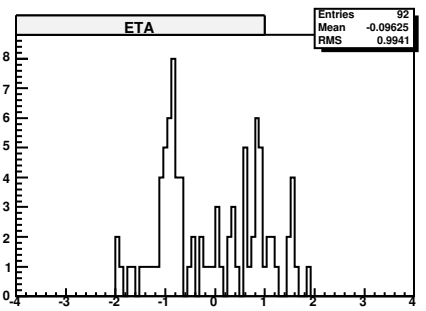

SCINT HITS A
Entries 3460
Mean 0.09682
RMS 0.2957

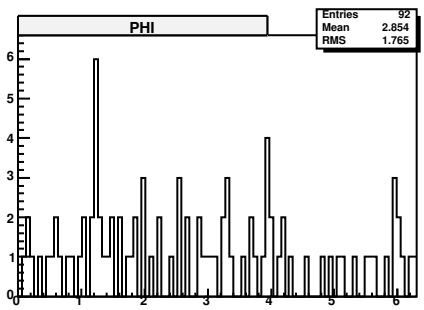

SCINT HITS BC
Entries 3460
Mean 0.06358
RMS 0.2688

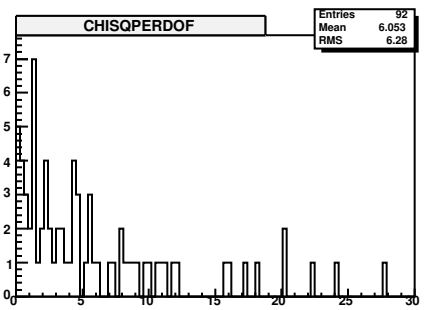
Muons (All)

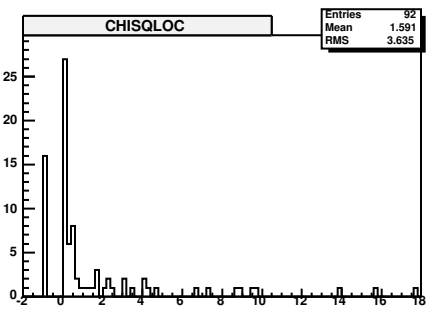


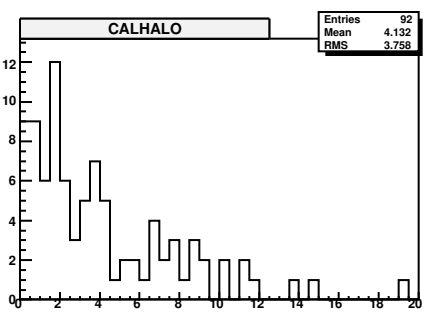


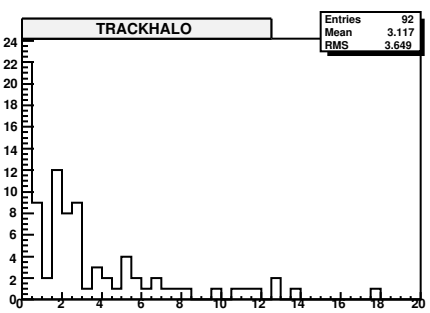


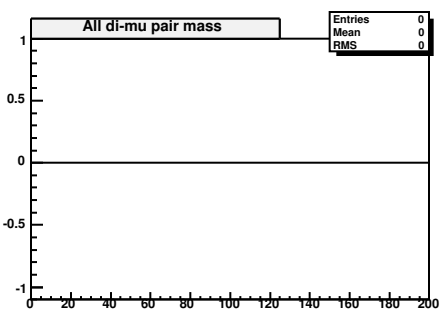


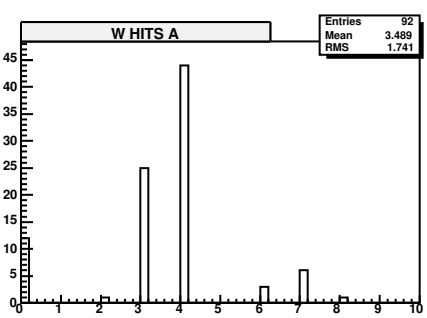


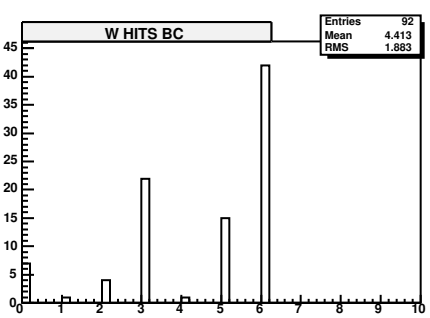


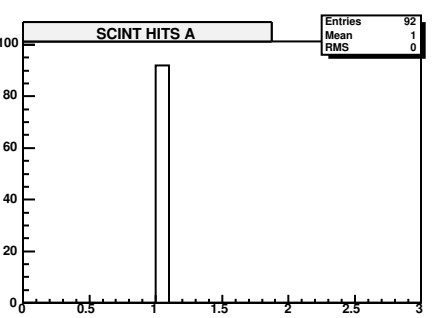


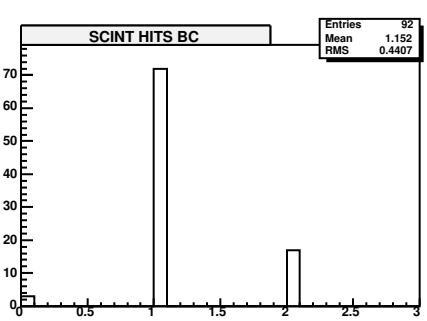




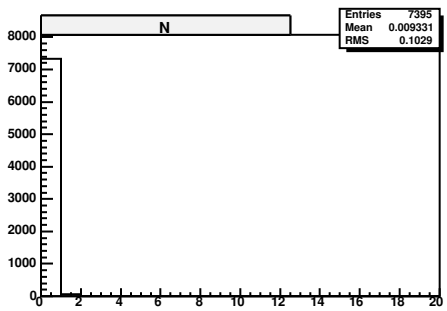


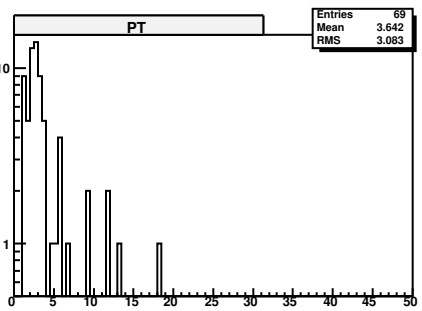


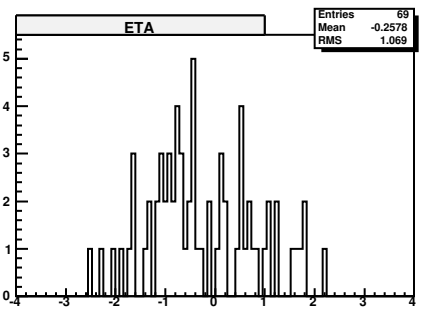


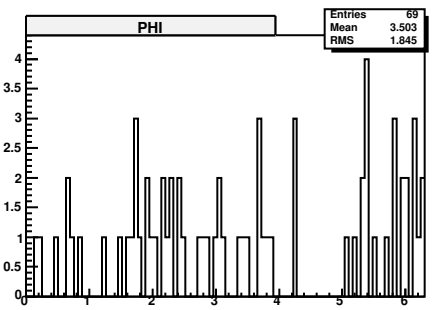


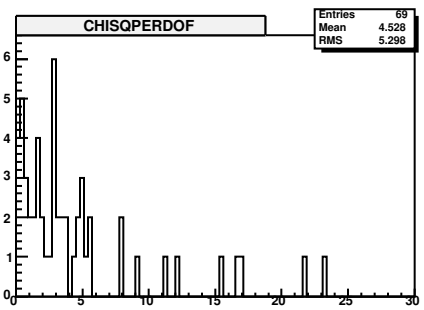
Muons (Matched)

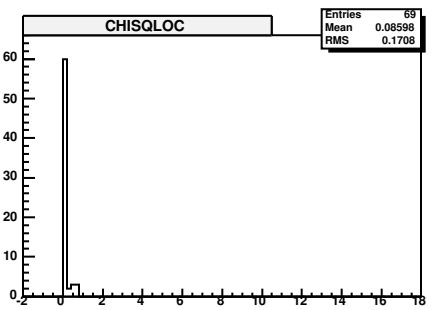

N
Entries 7395
Mean 0.009331
RMS 0.1029

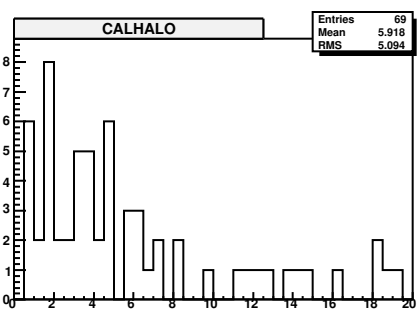

PT
Entries 69
Mean 3.642
RMS 3.083

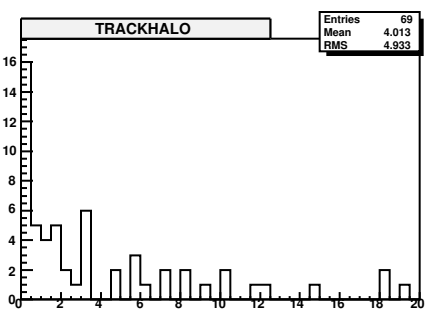

ETA
Entries 69
Mean -0.2578
RMS 1.069

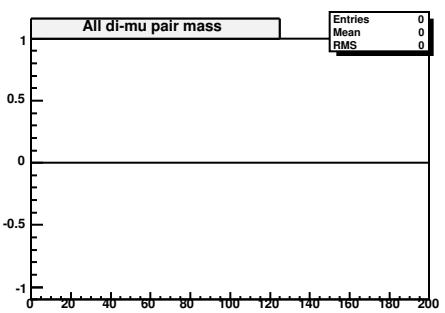

PHI
Entries 69
Mean 3.503
RMS 1.845

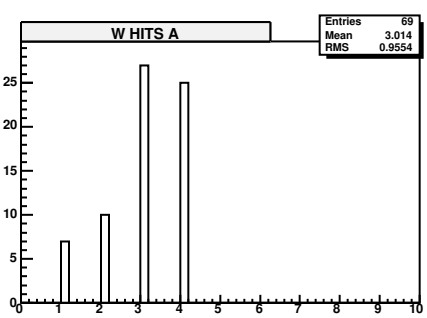

CHISQPERDOF
Entries 69
Mean 4.528
RMS 5.298

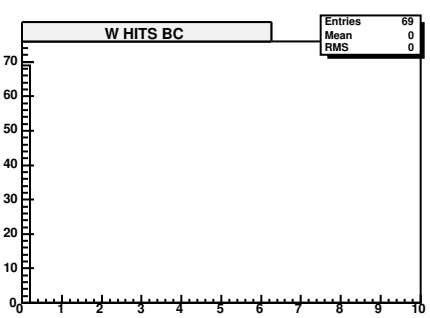

CHISQLOC
Entries 69
Mean 0.08598
RMS 0.1708

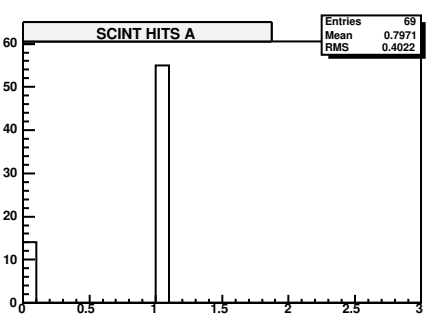

CALHALO
Entries 69
Mean 5.918
RMS 5.094

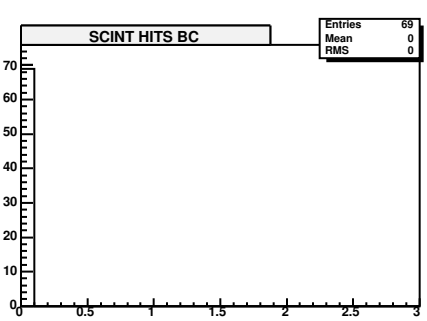

TRACKHALO
Entries 69
Mean 4.013
RMS 4.933


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

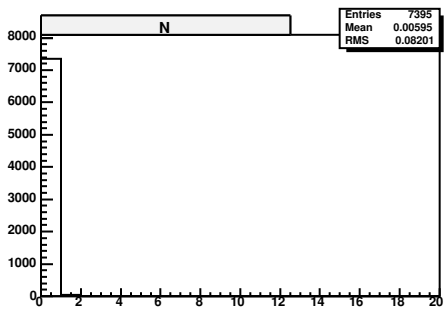

W HITS A
Entries 69
Mean 3.014
RMS 0.9554

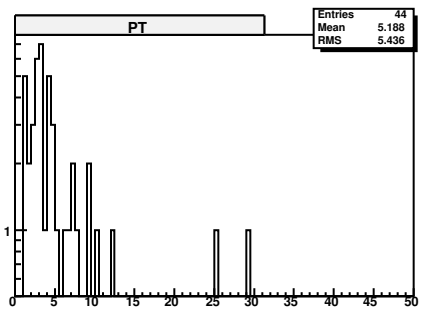

W HITS BC
Entries 69
Mean 0
RMS 0

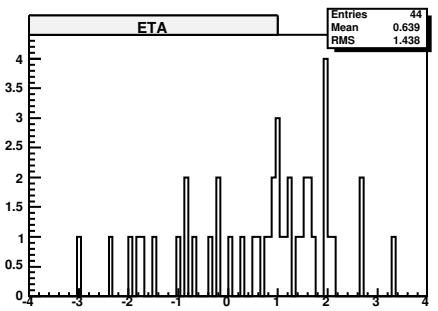

SCINT HITS A
Entries 69
Mean 0.7971
RMS 0.4022

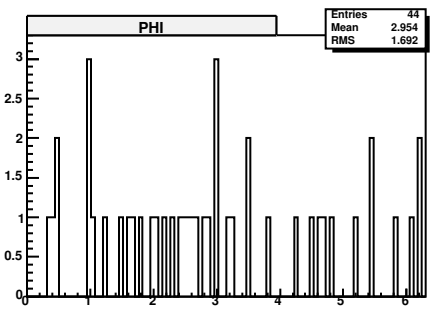

SCINT HITS BC
Entries 69
Mean 0
RMS 0

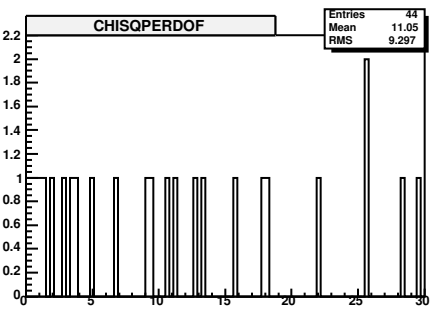
Muons (Astub)

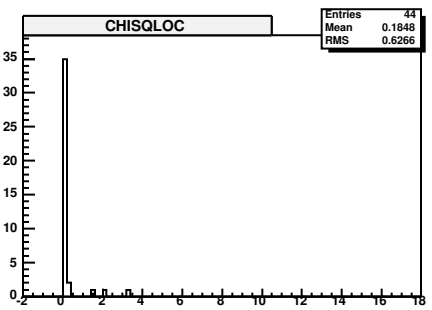


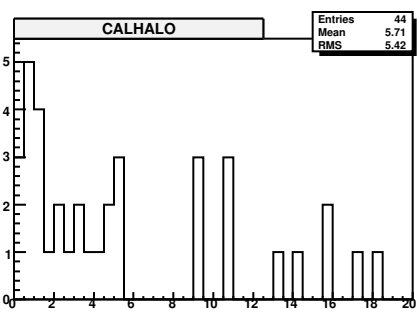


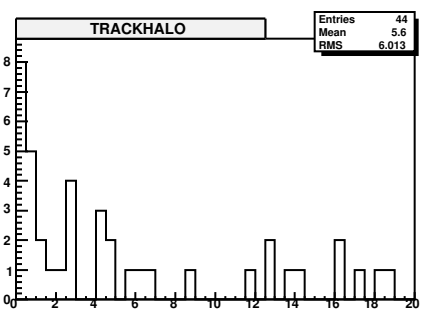


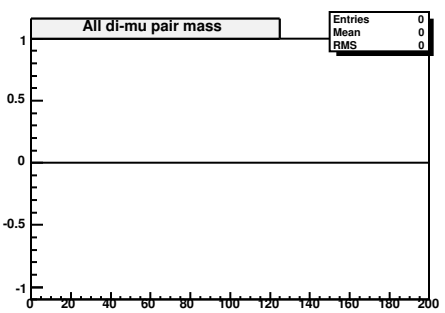


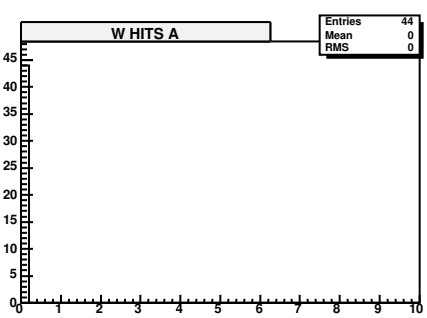


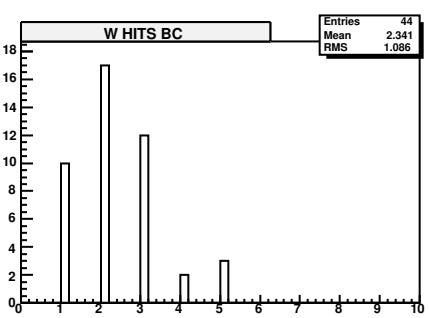


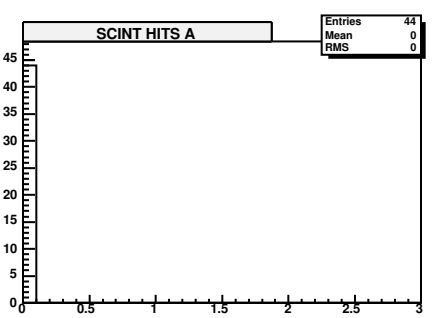


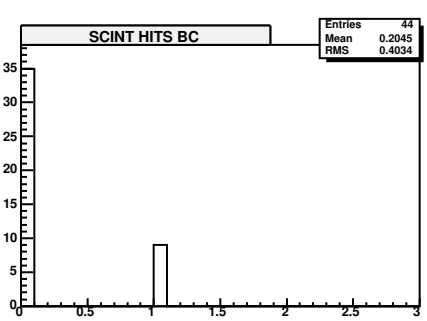




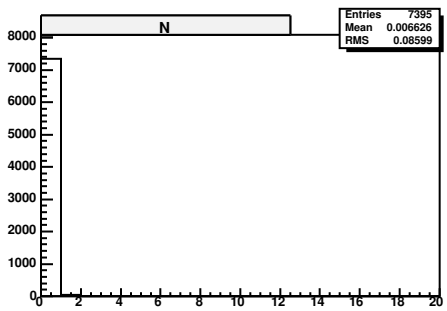


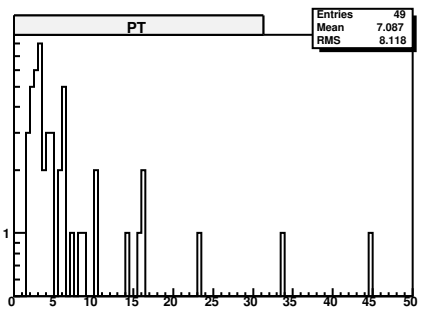


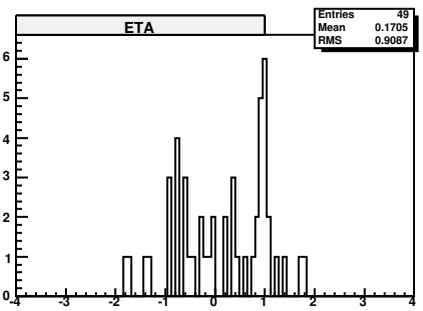


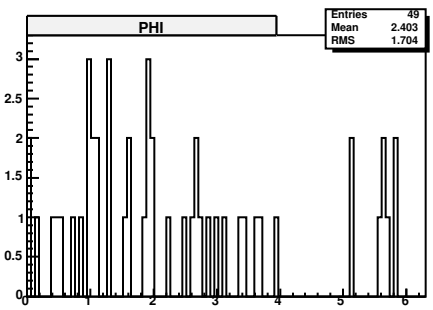


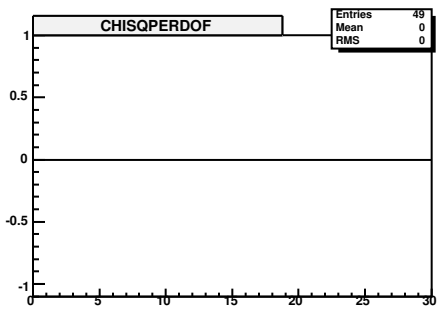
Muons (BCstub)

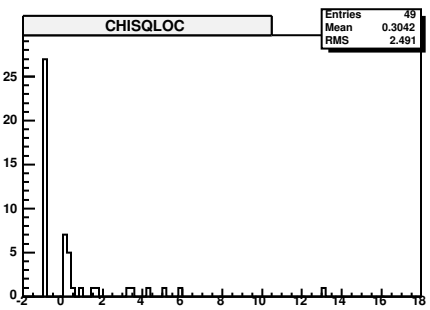


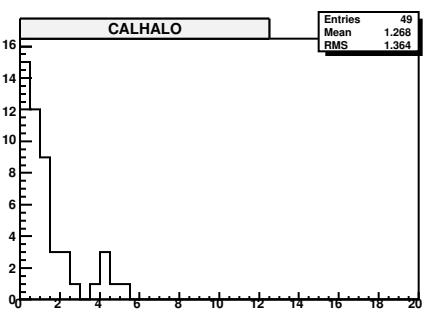


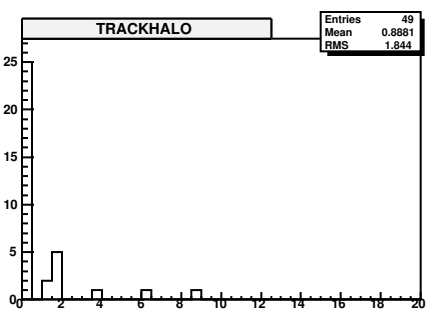


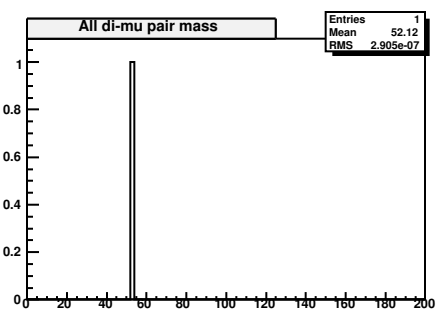


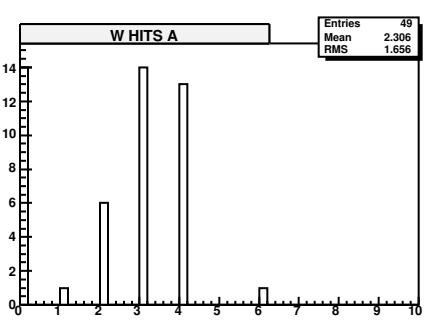


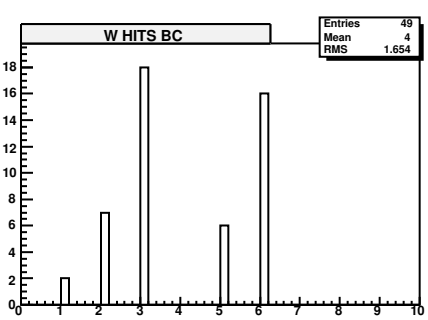


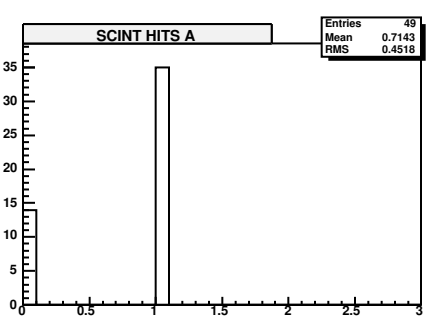


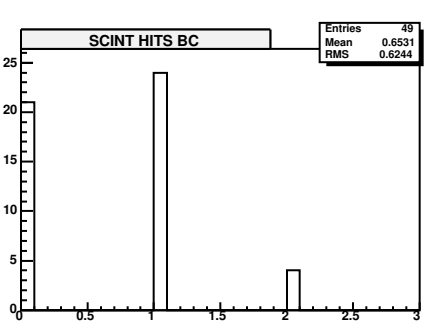




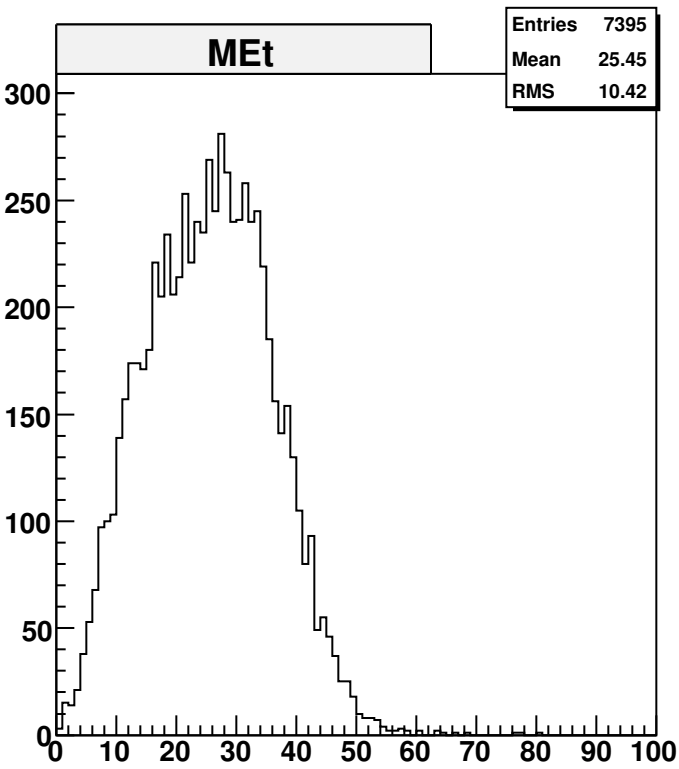


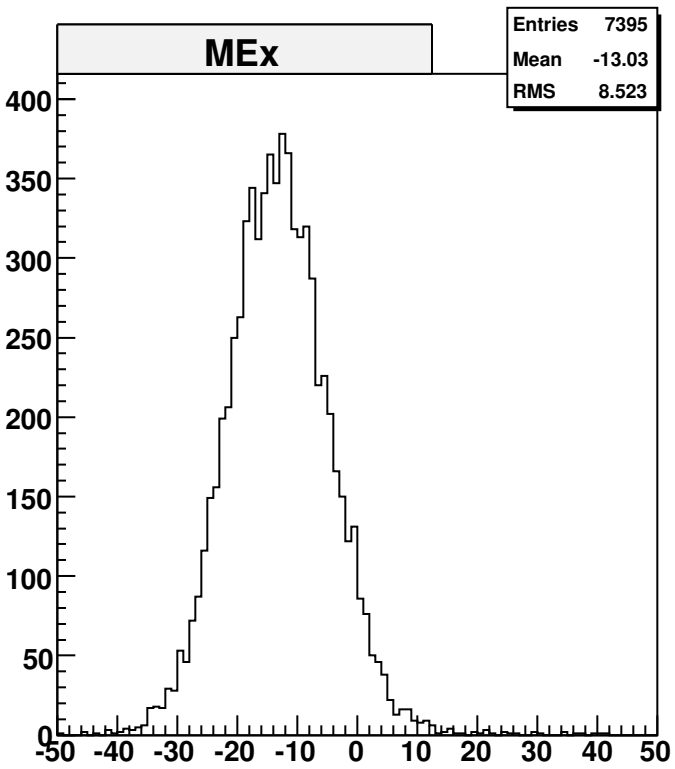


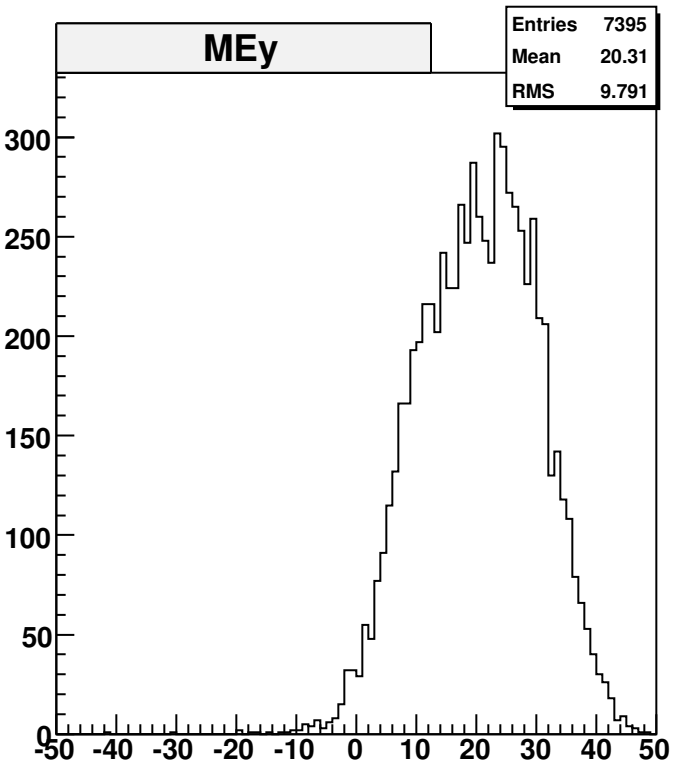




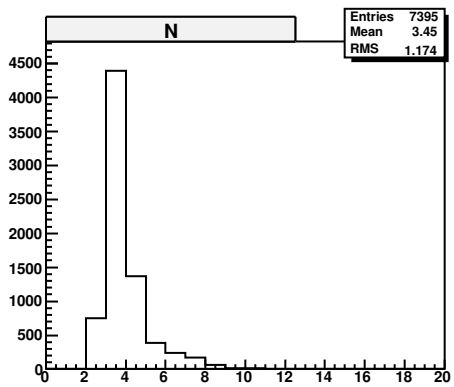
Muons (Unmatched)

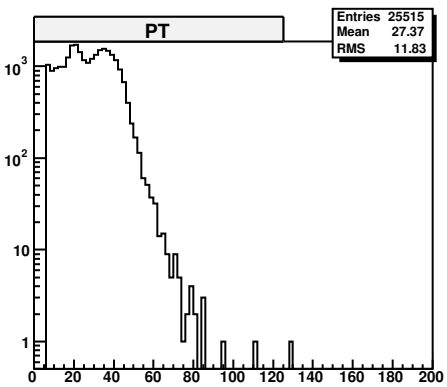

MEt
Entries 7395
Mean 25.45
RMS 10.42
300
250
200
150
100
50
0
0 10 20 30 40 50 60 70 80 90 100

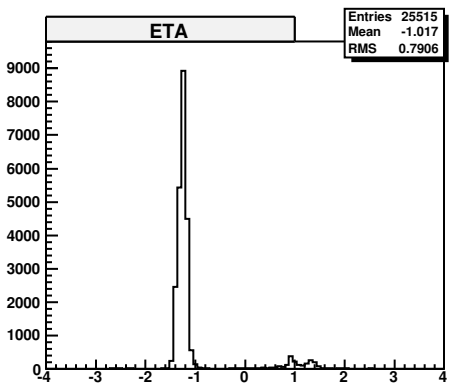

MEx
Entries 7395
Mean -13.03
RMS 8.523
400
350
300
250
200
150
100
50
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

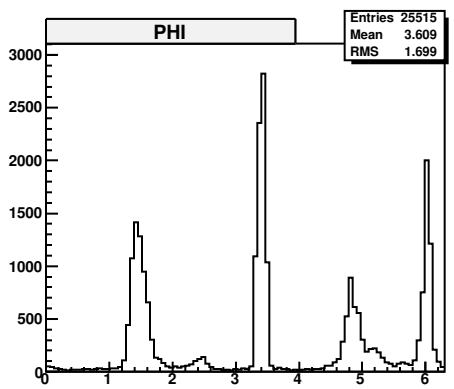

MEy
Entries 7395
Mean 20.31
RMS 9.791
300
250
200
150
100
50
0
-50 -40 -30 -20 -10 0 10 20 30 40 50

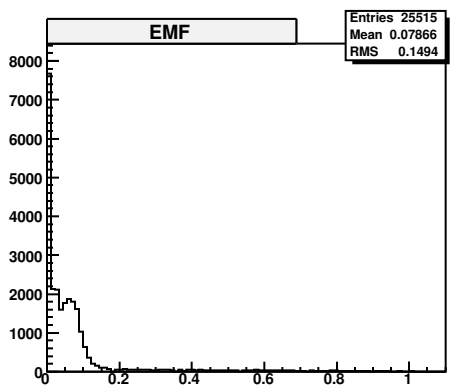
Met (No cuts)

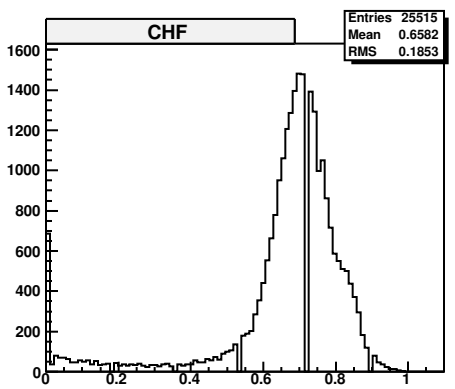


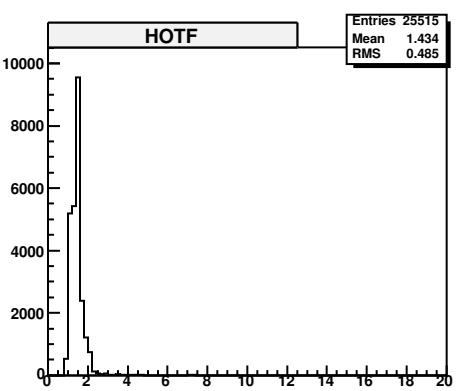


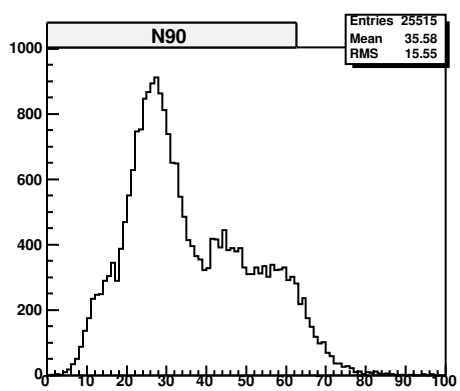


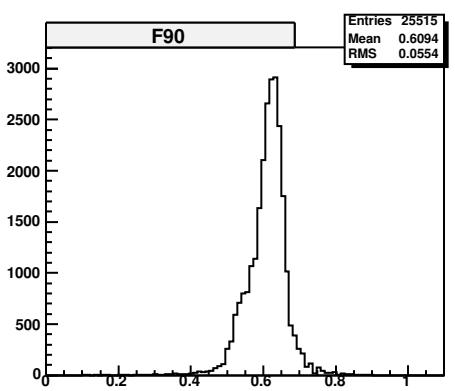


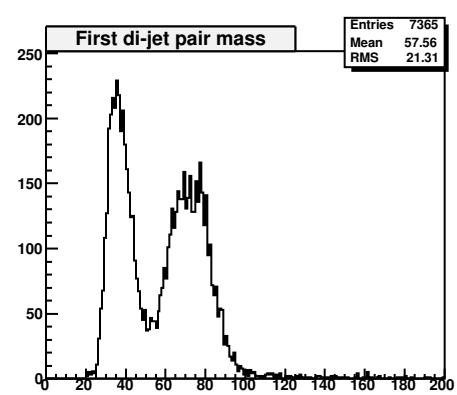


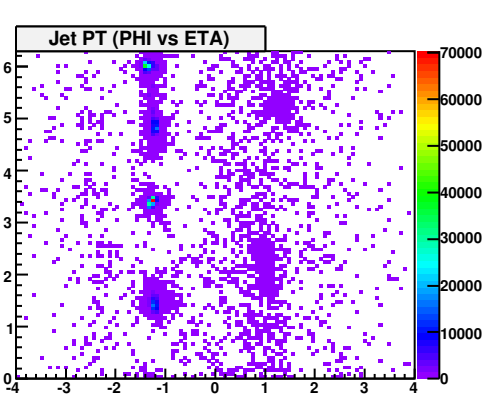




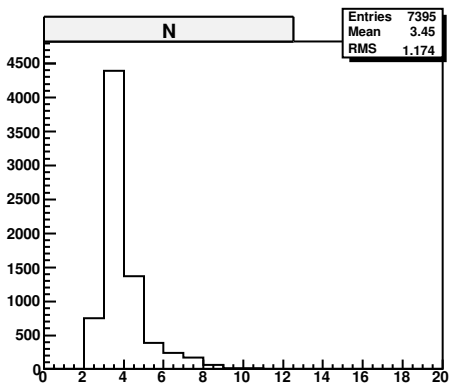


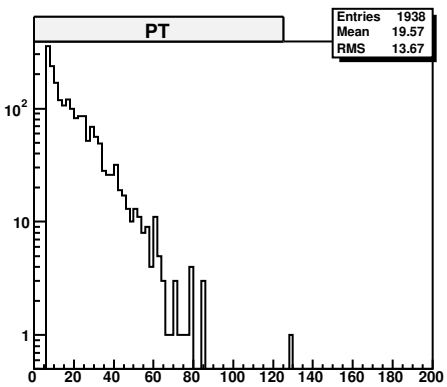


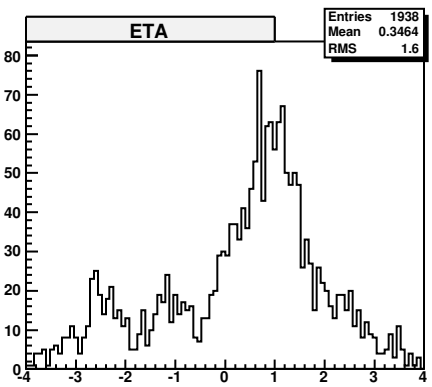


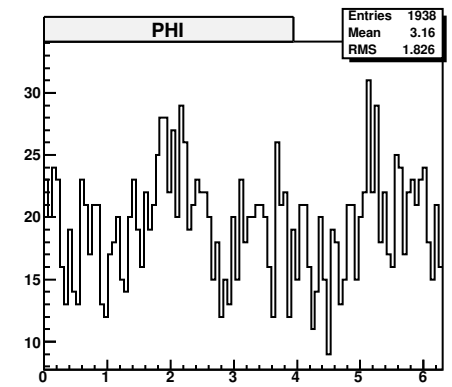


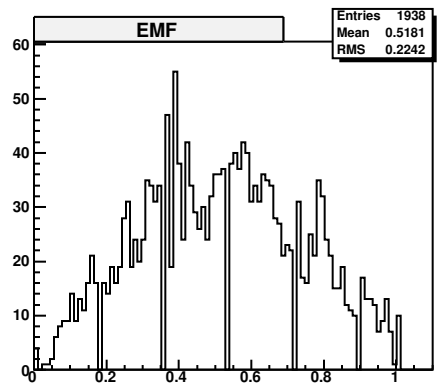
Jets (Cone R 0.7 (no cuts))

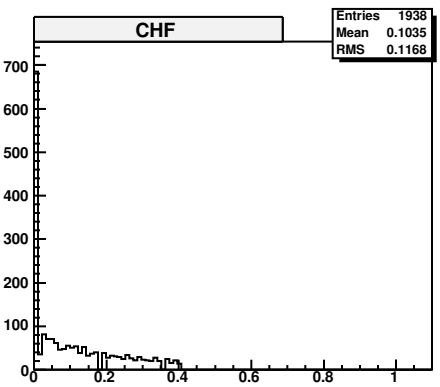


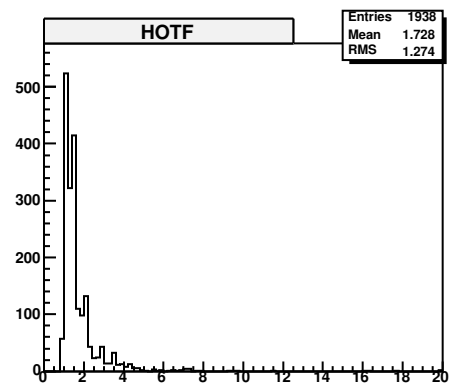


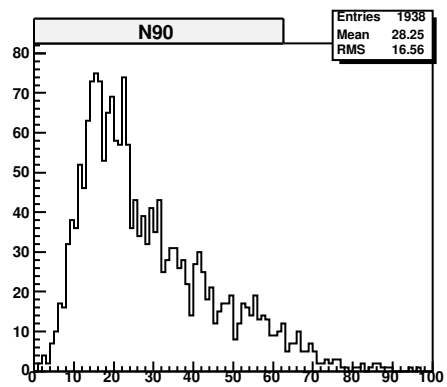


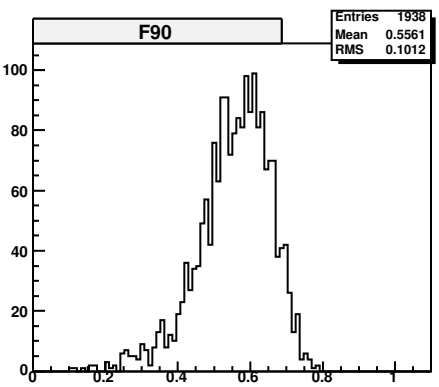


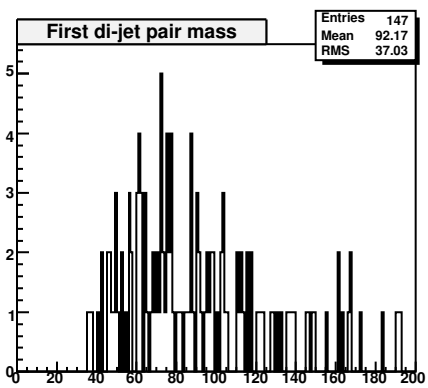


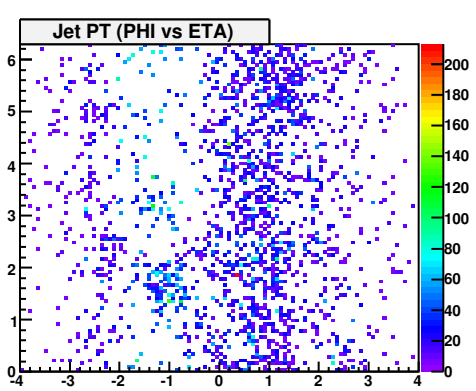




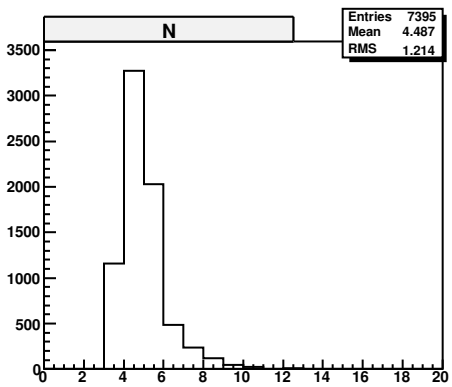


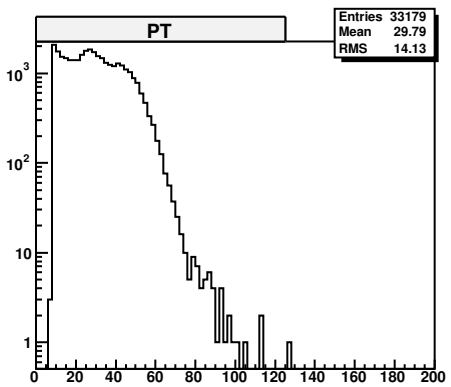


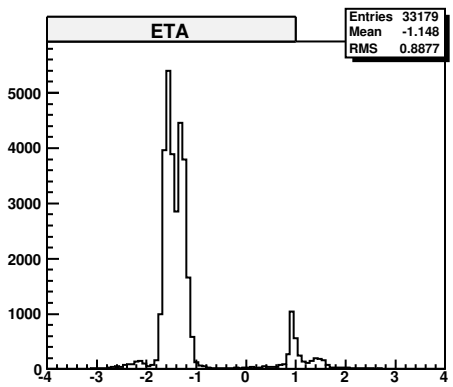


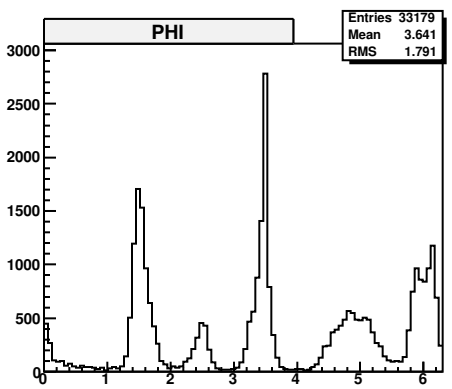


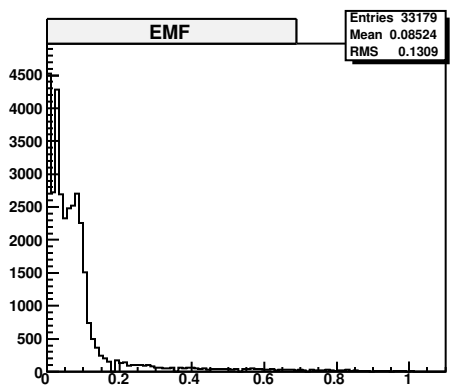
Jets (Cone R 0.7 (standard cuts))

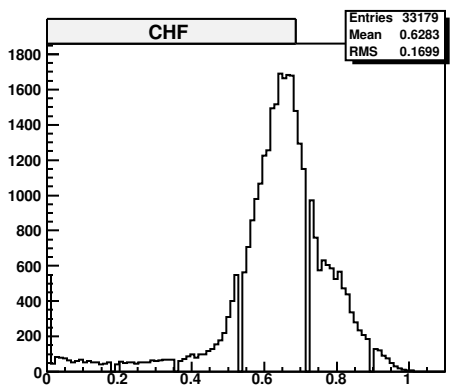


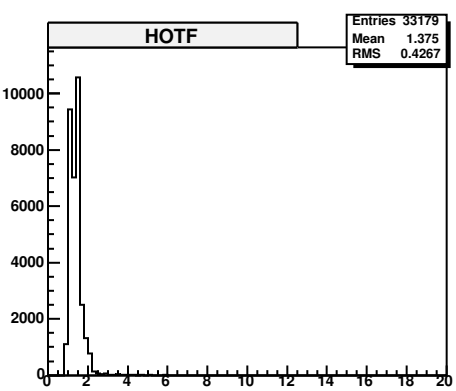


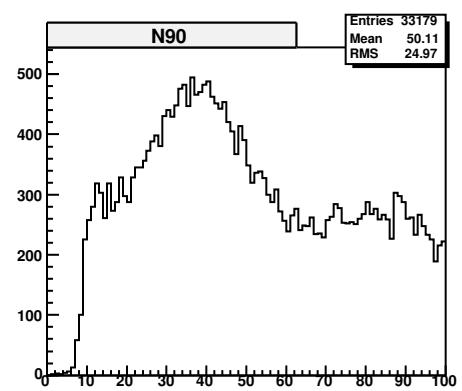


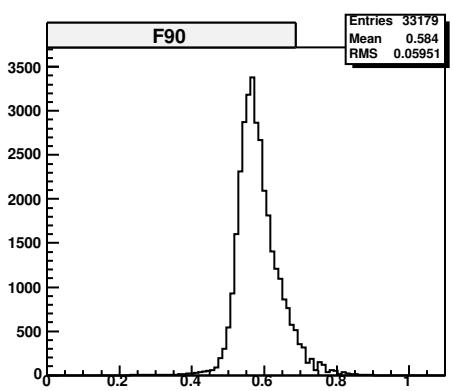


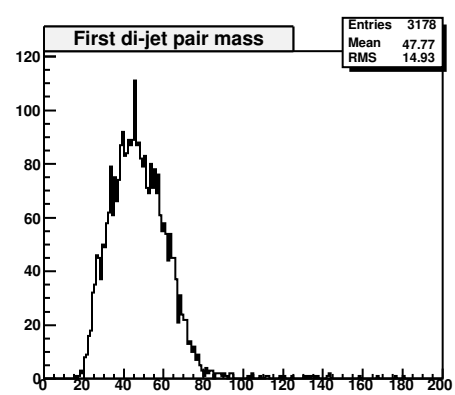


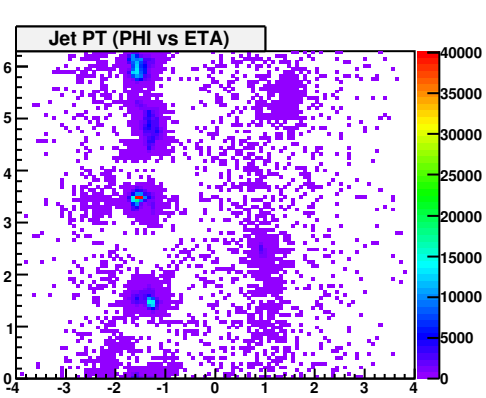




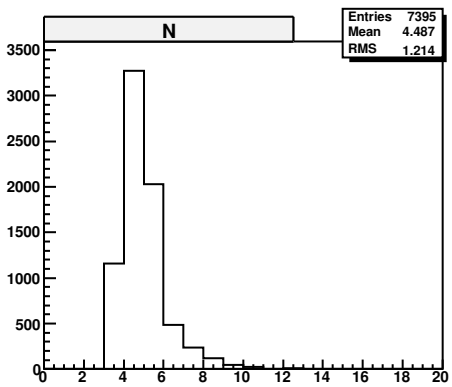


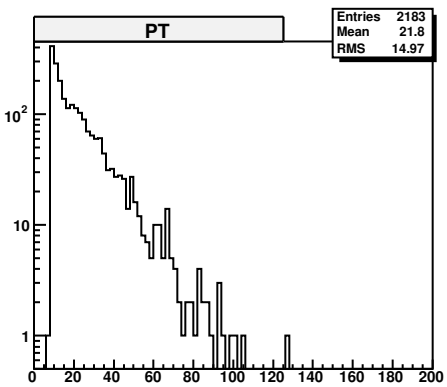


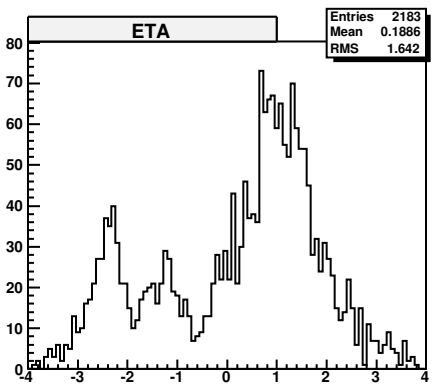


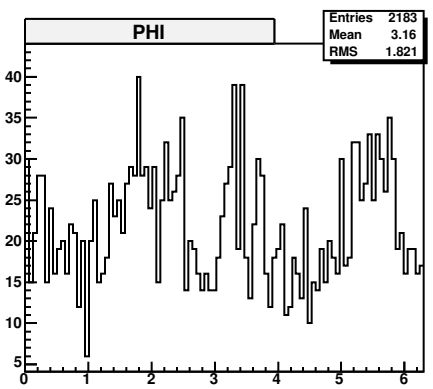


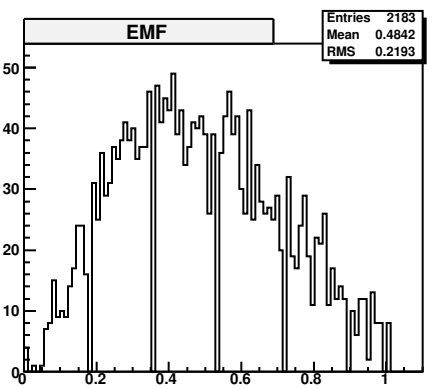
Jets (KT D 1 (no cuts))

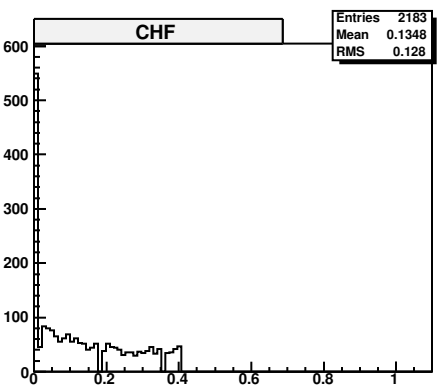


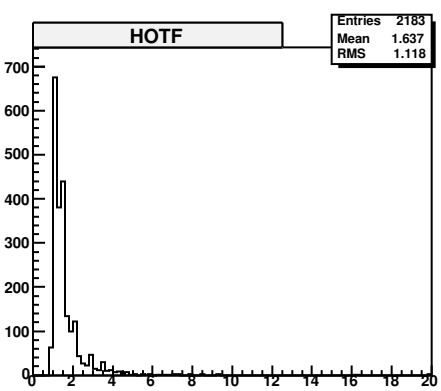


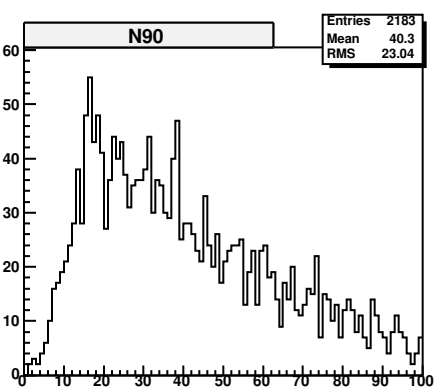


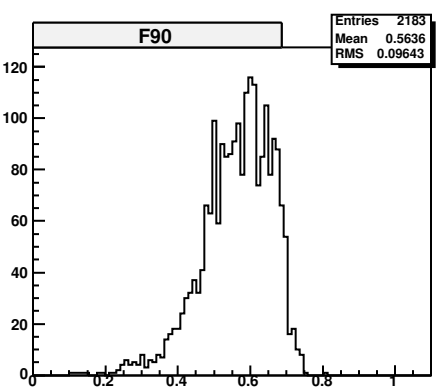


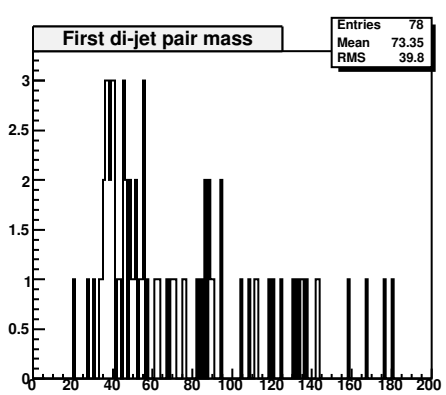


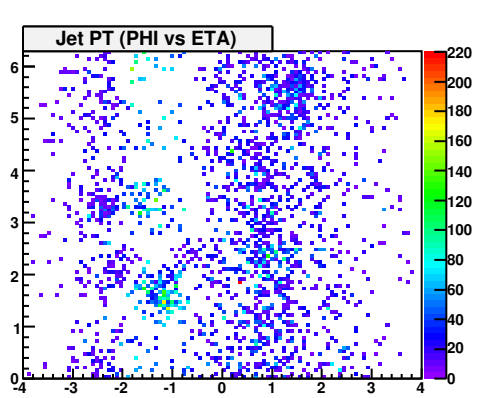




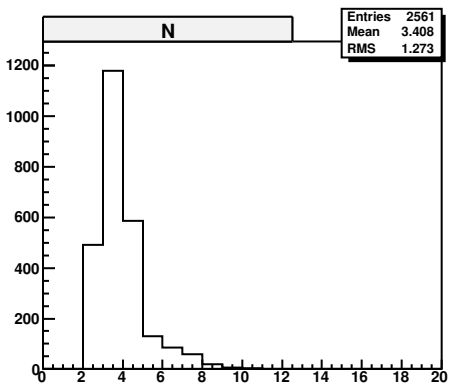


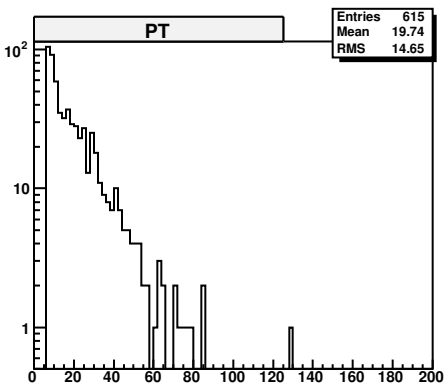


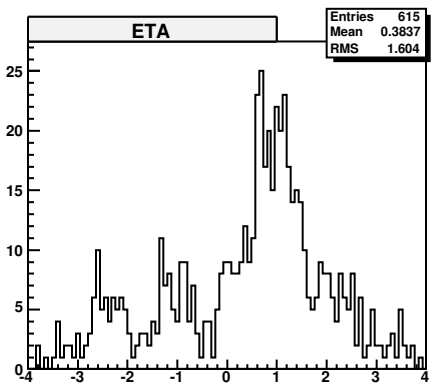


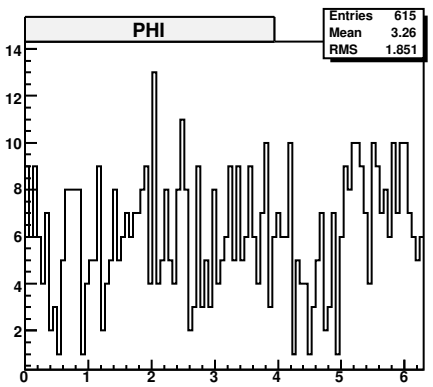


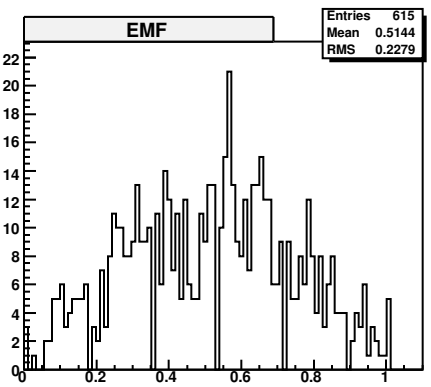
Jets (KT D 1 (standard cuts))

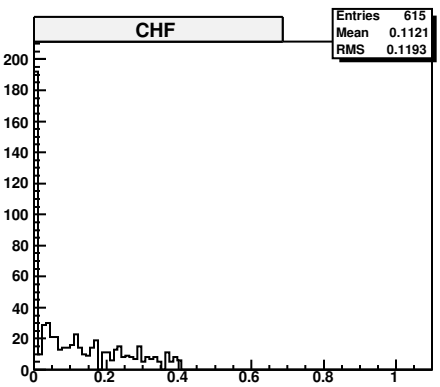


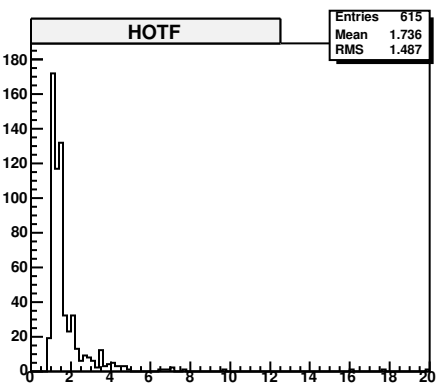


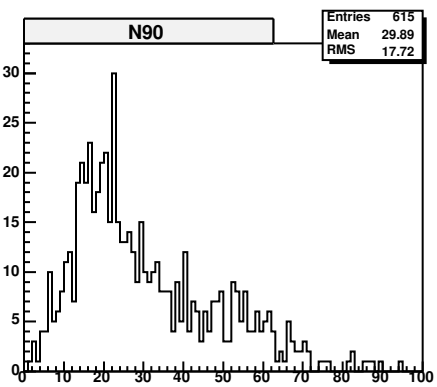


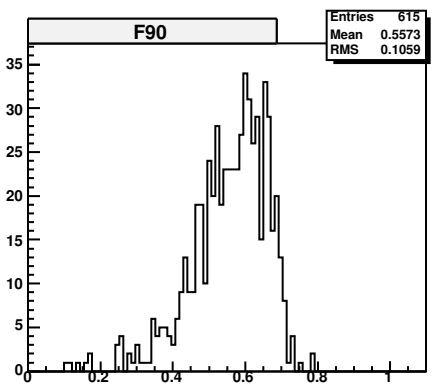


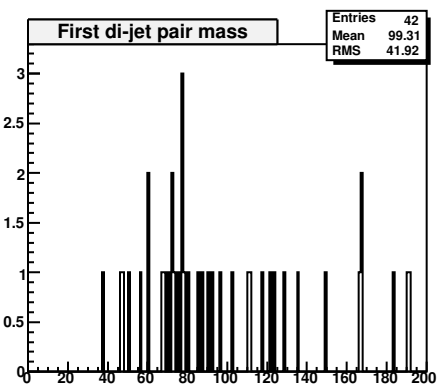


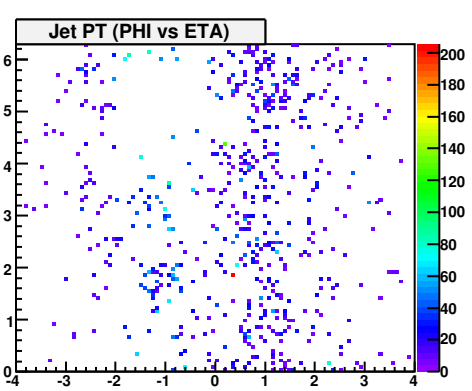




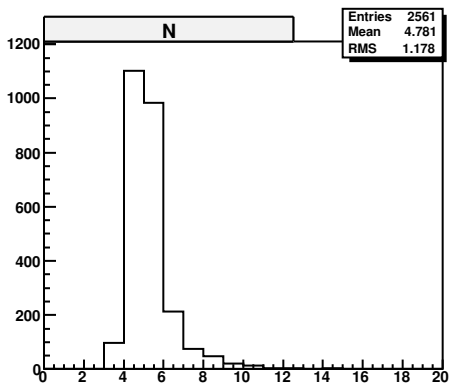


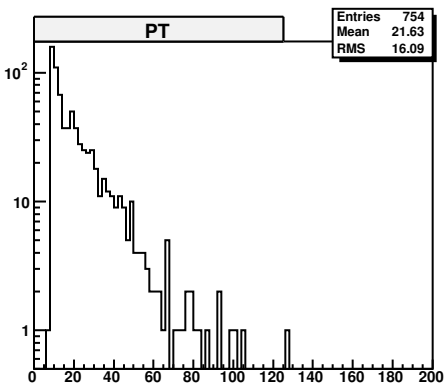


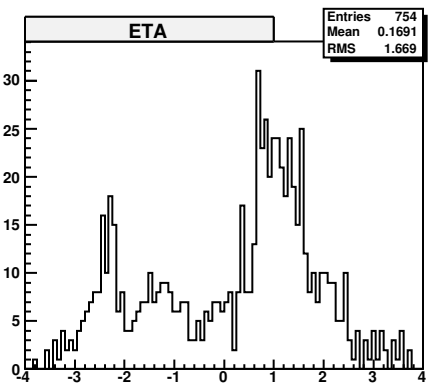


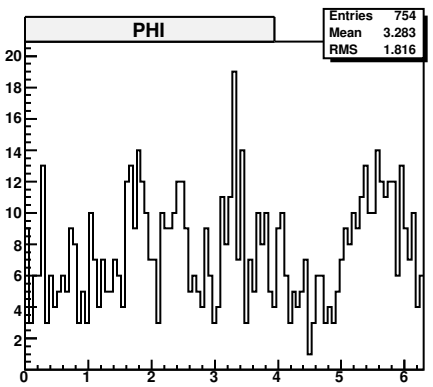


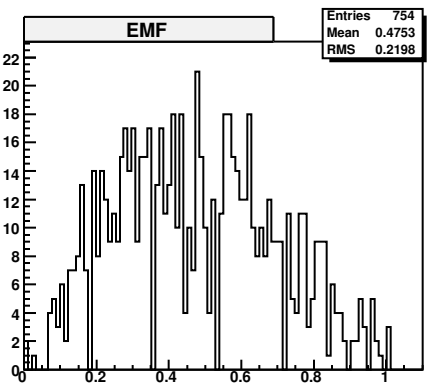
Jets (Cone R 0.7 (standard cuts, MET>30))

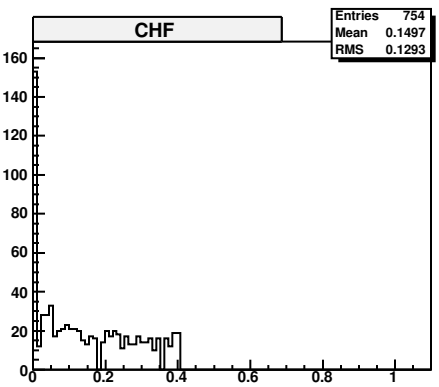


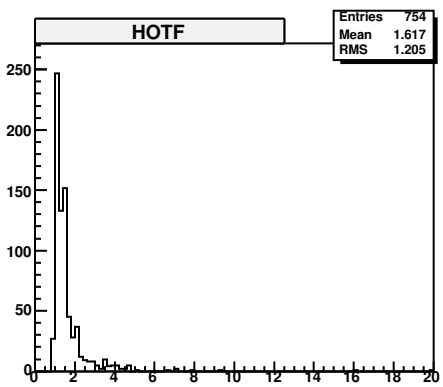


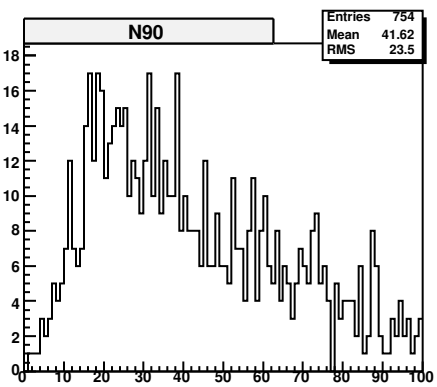


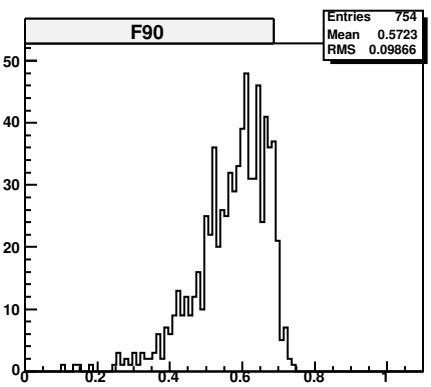


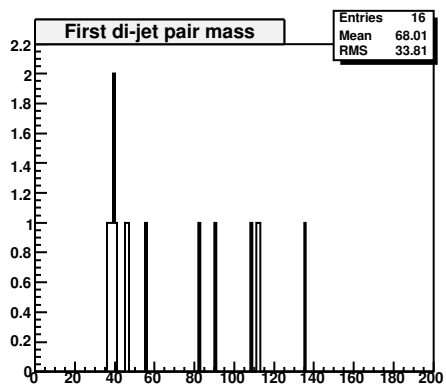


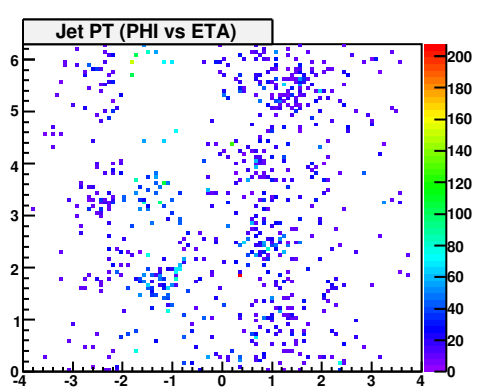




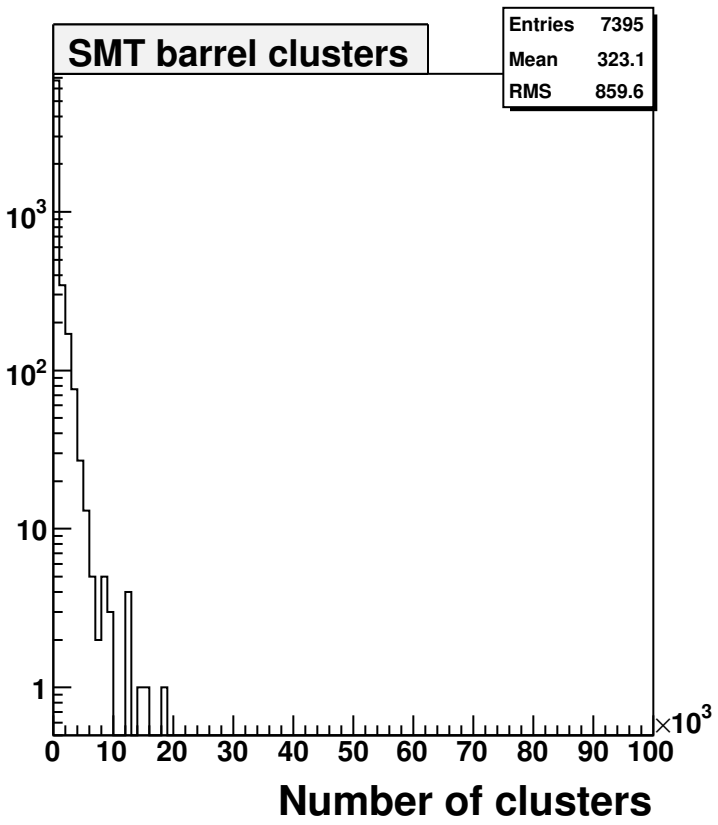


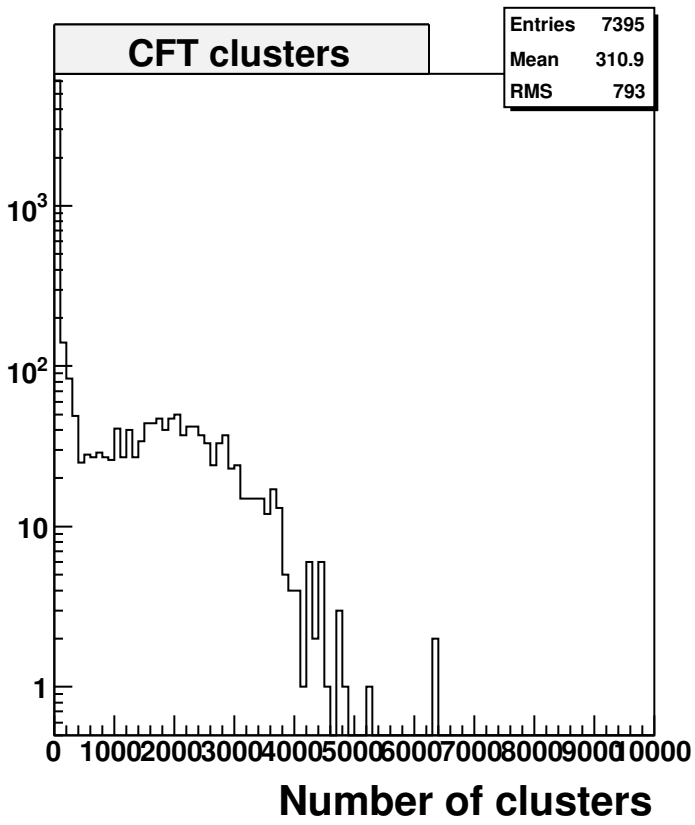


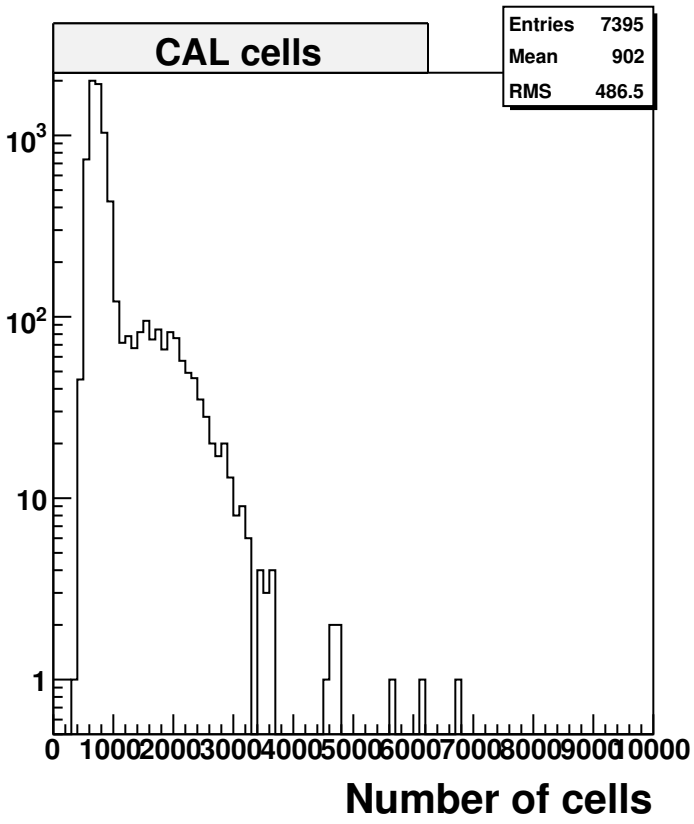


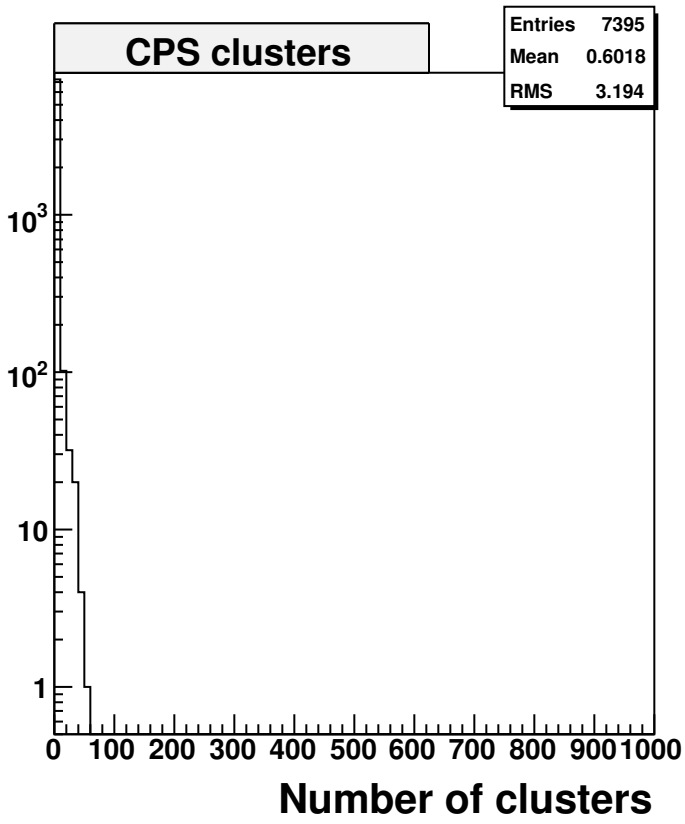


Jets (KT D 1 (standard cuts, MET>30))

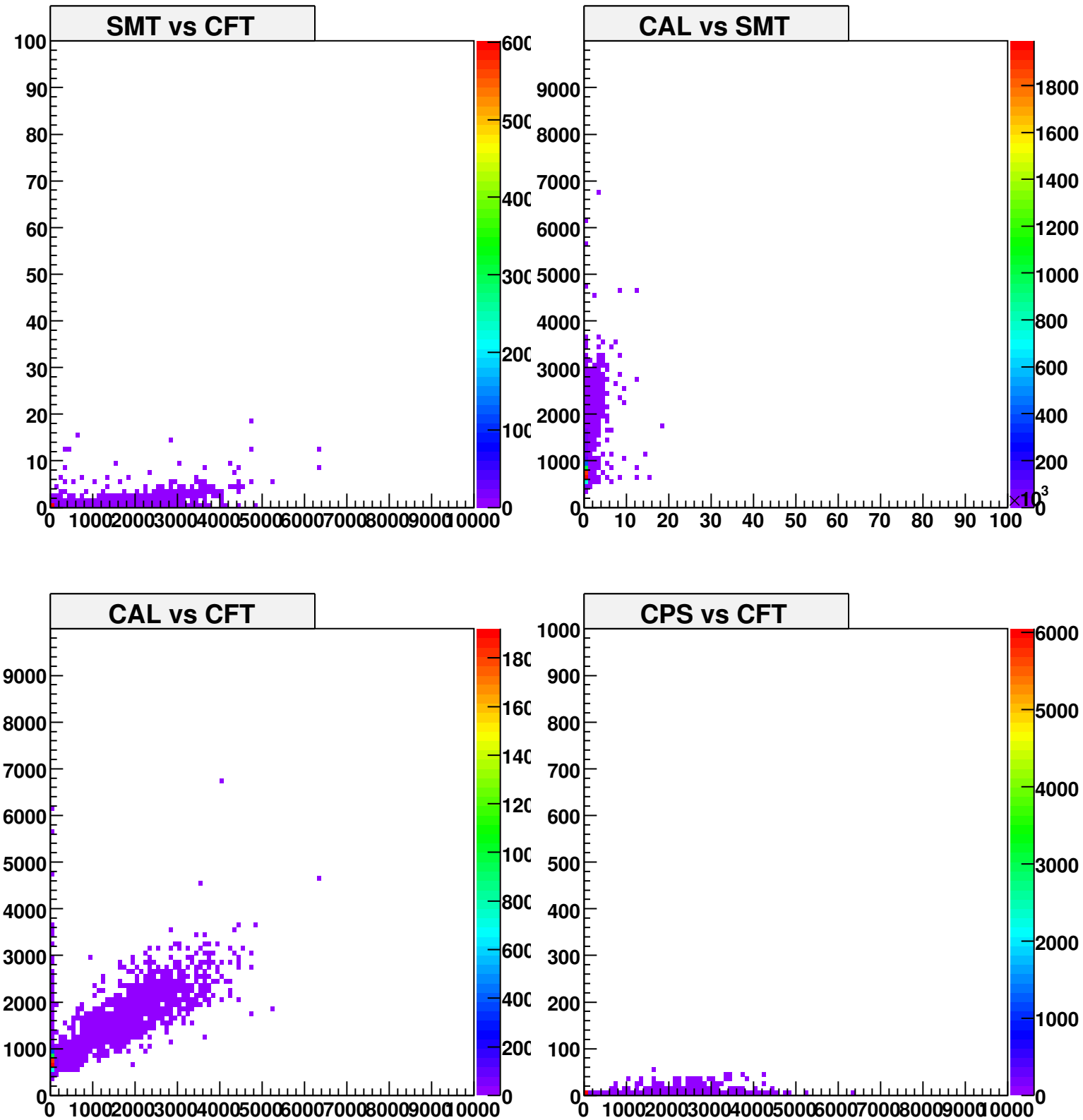


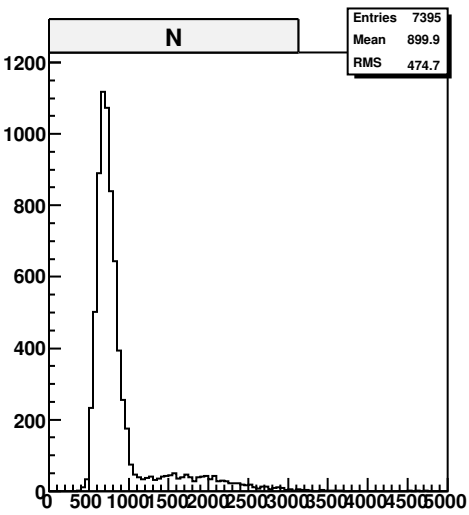


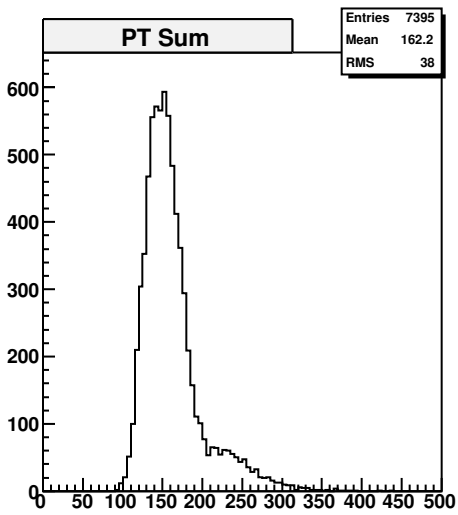


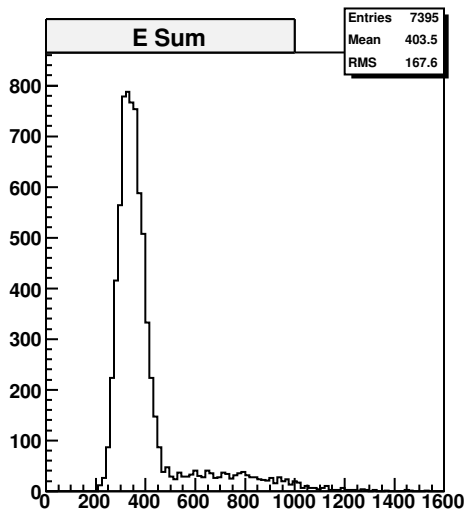


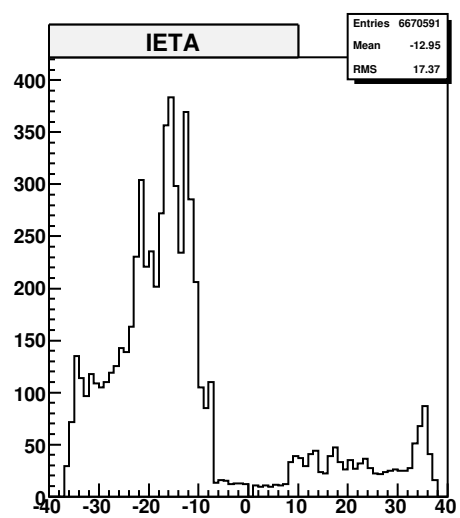
Detector Occupancy (Detector)

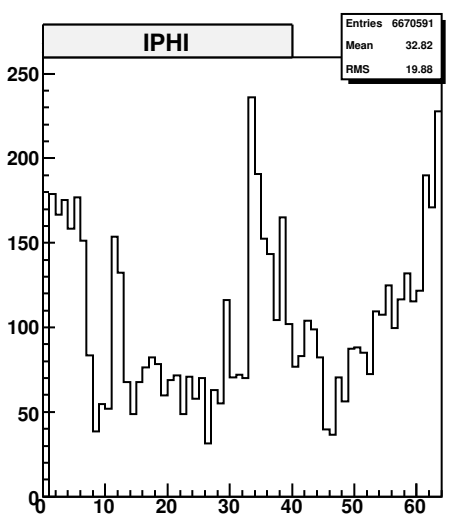

SMT vs CFT
CAL vs SMT
CAL vs CFT
CPS vs CFT
Detector Occupancy (Detector)

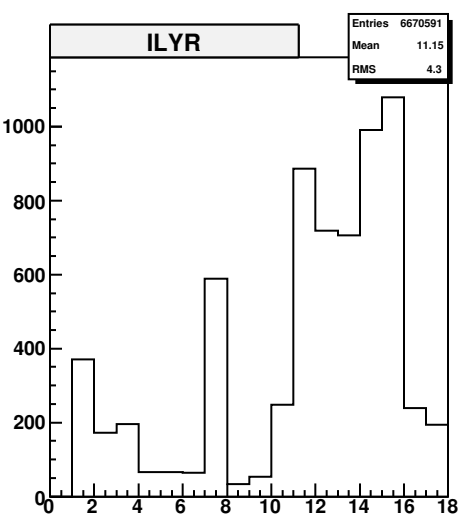


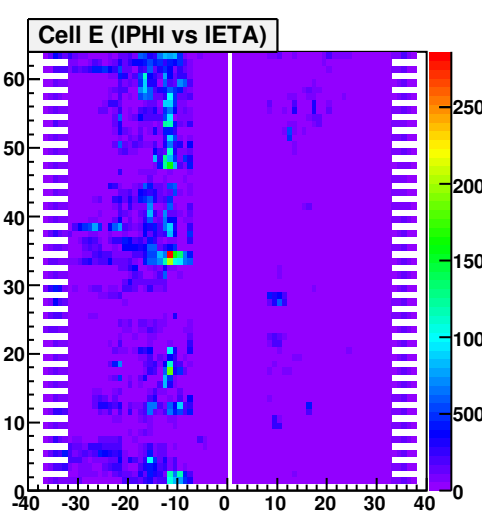


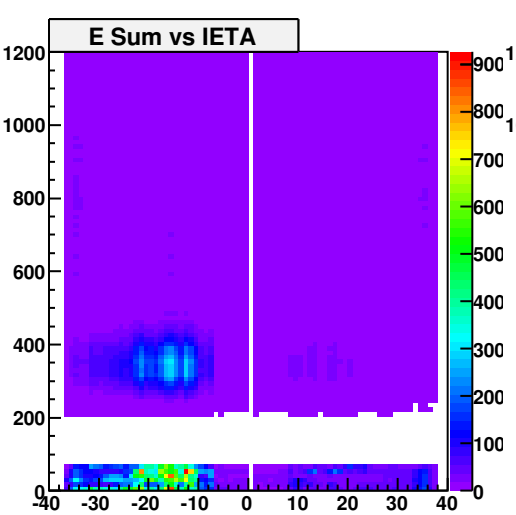


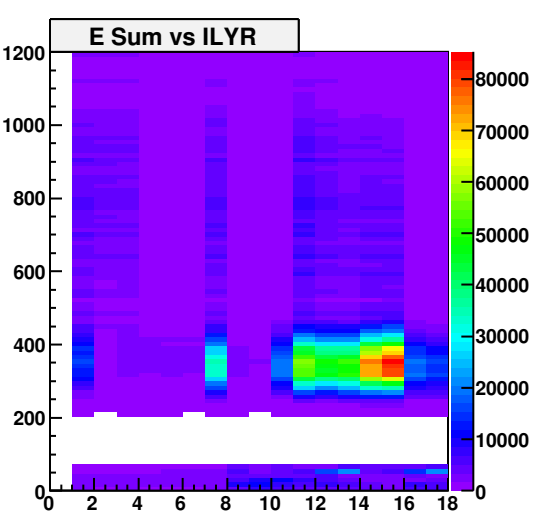




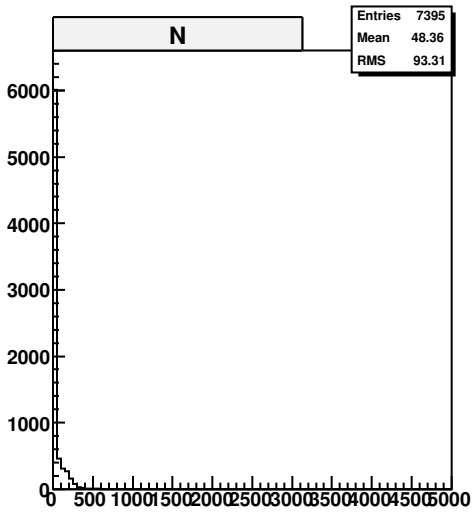


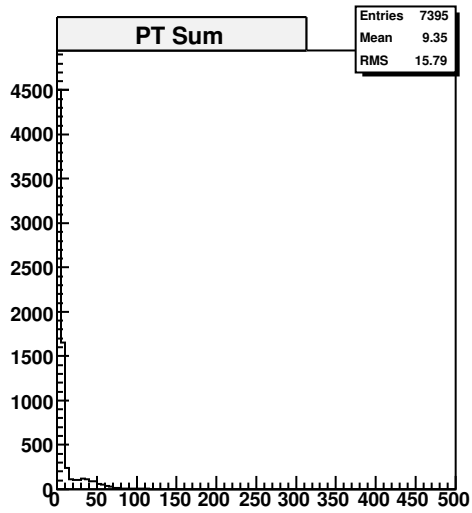


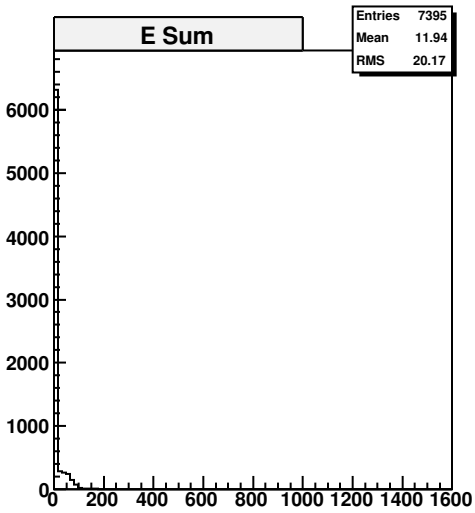


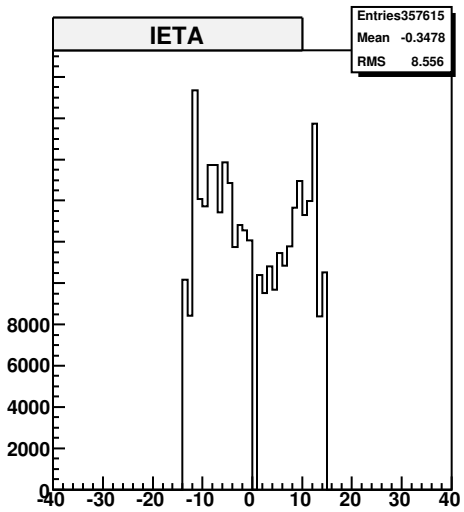


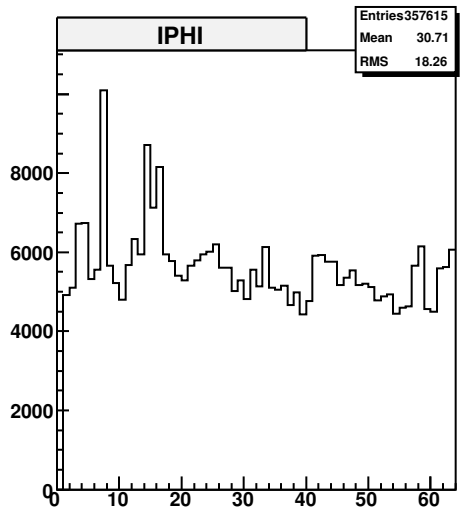
Calorimeter (All cells)

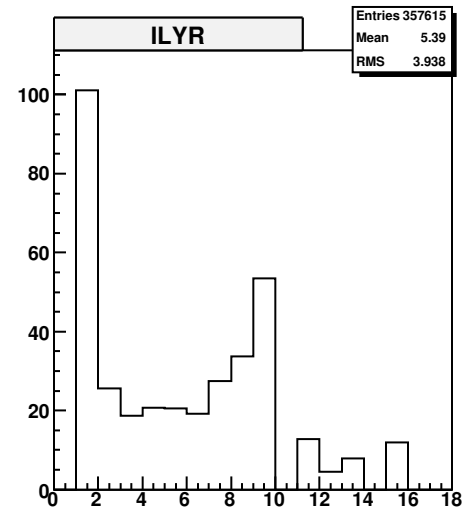


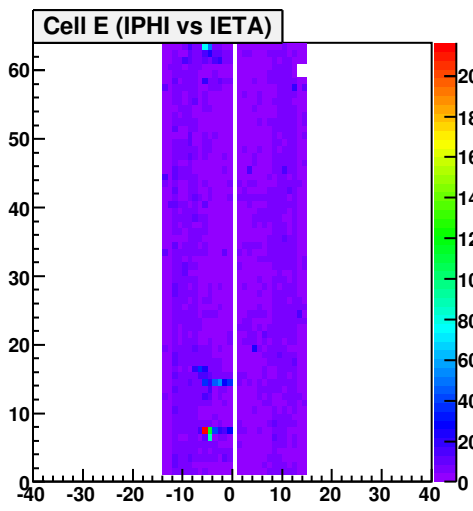


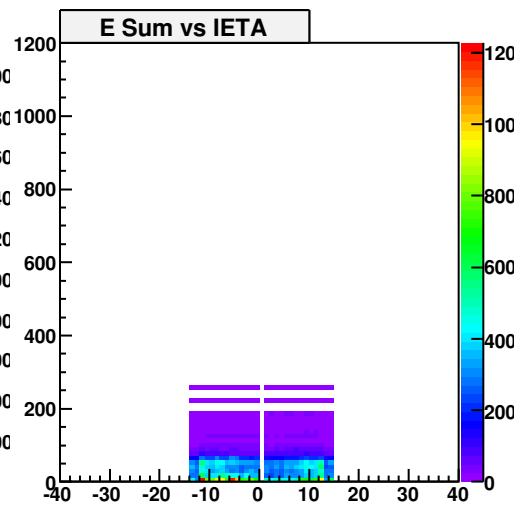


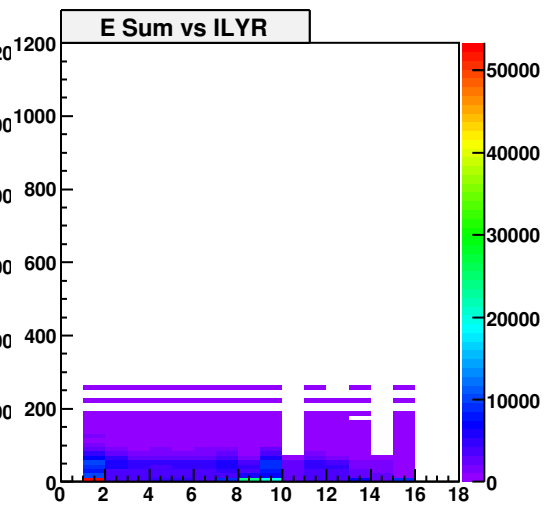




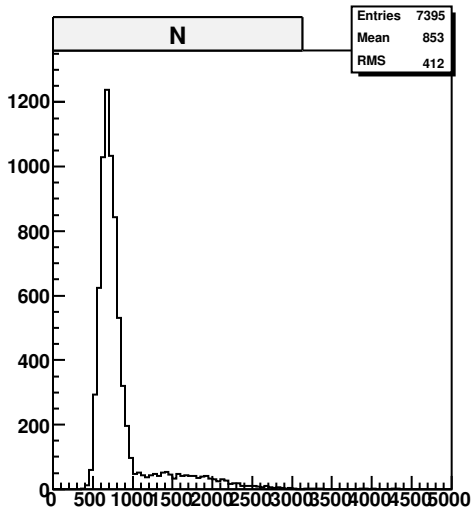


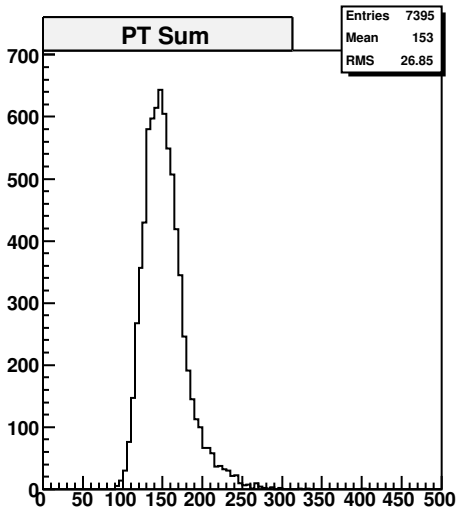


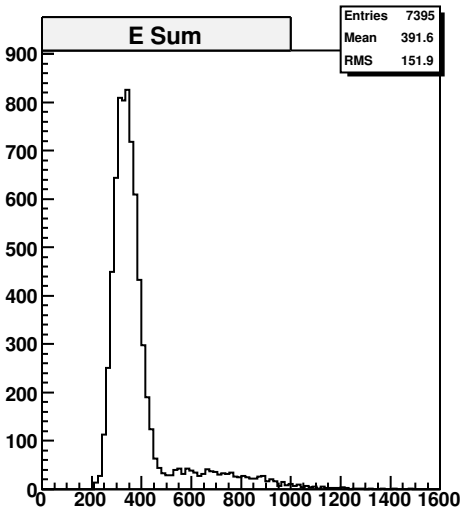


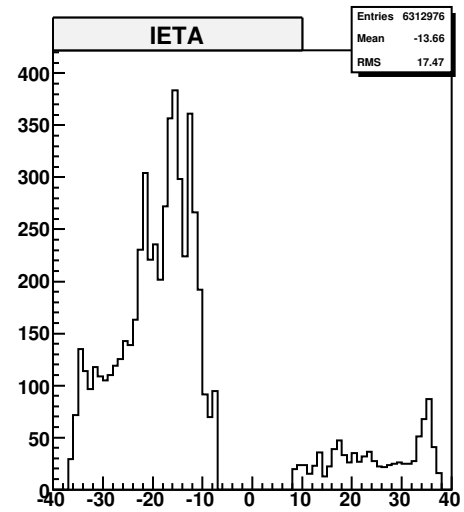


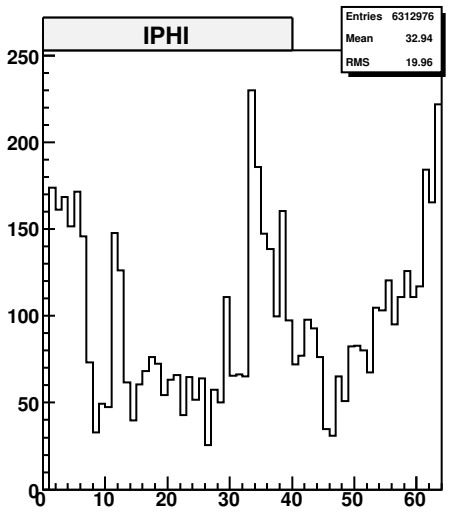
Calorimeter (All CC cells)

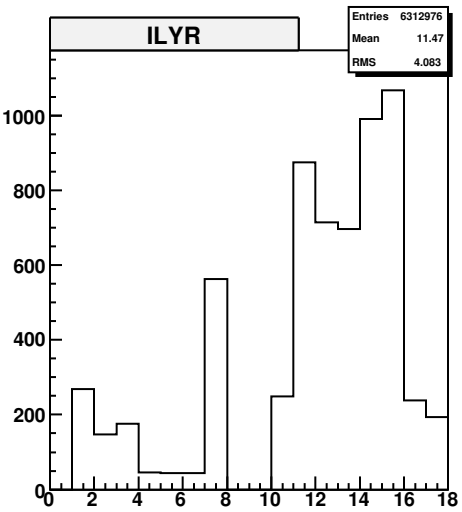


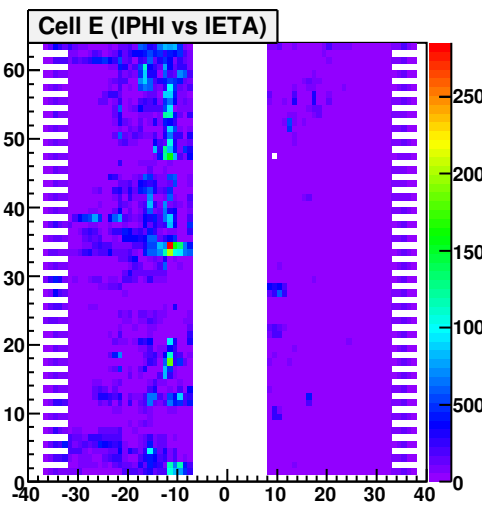


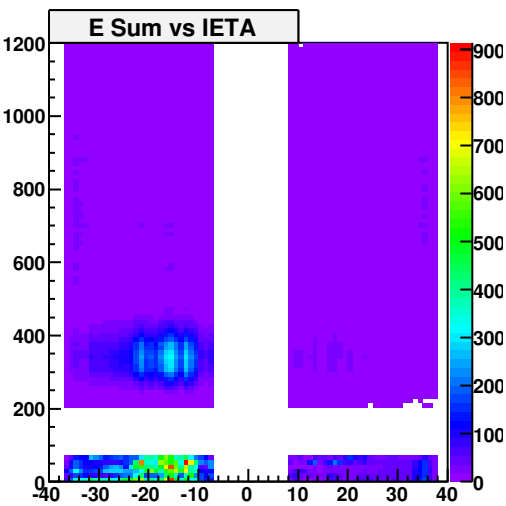


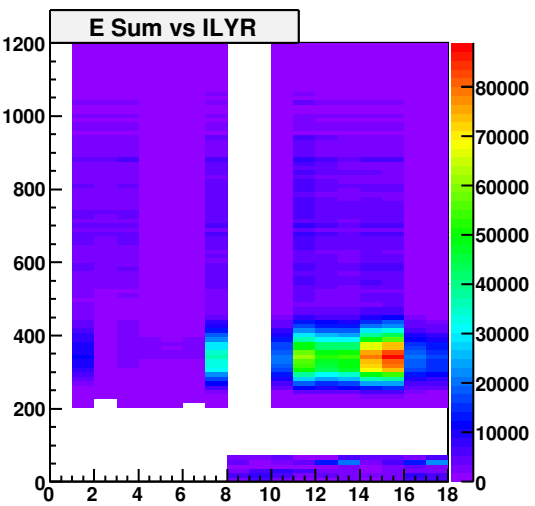




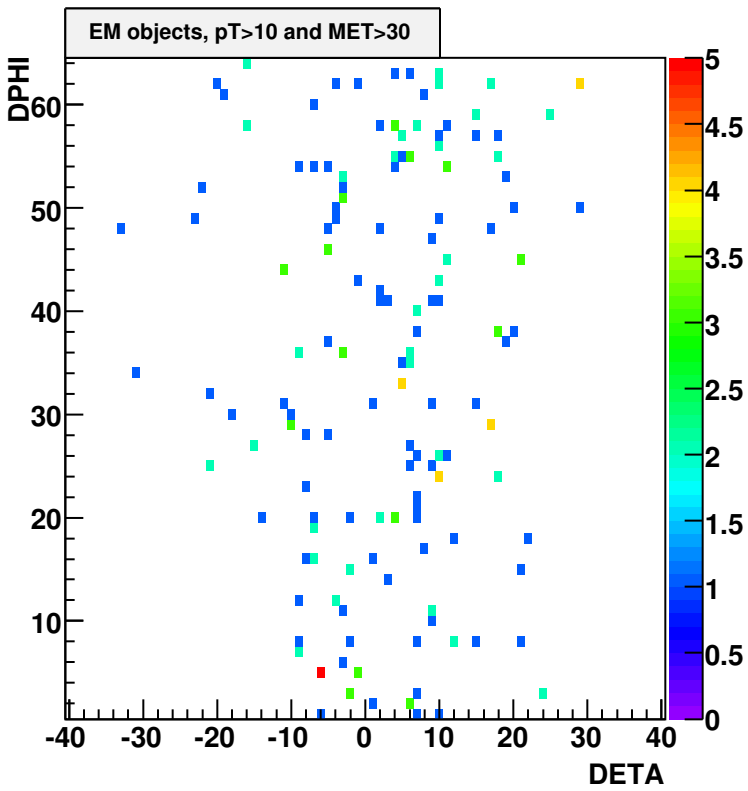


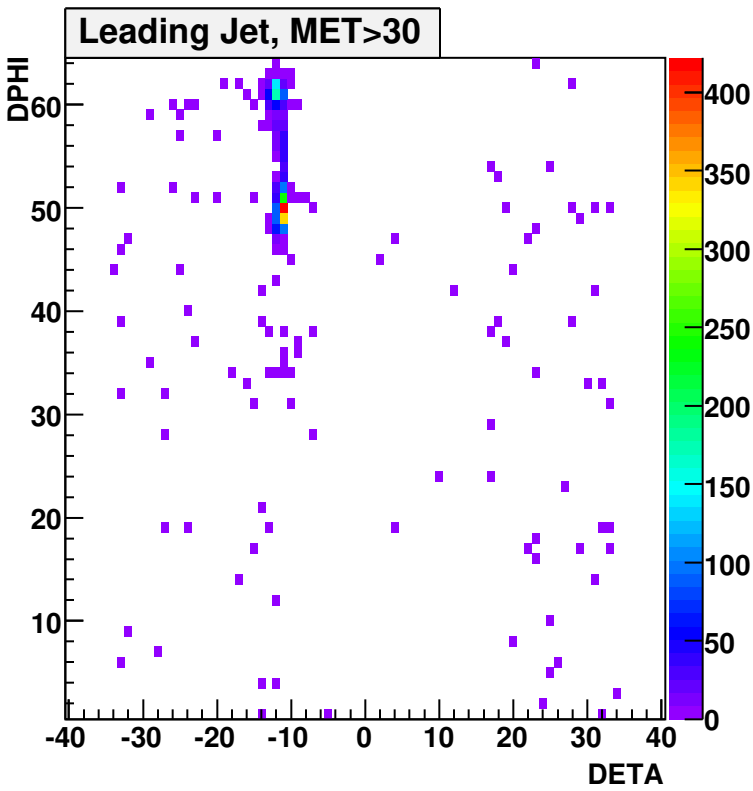


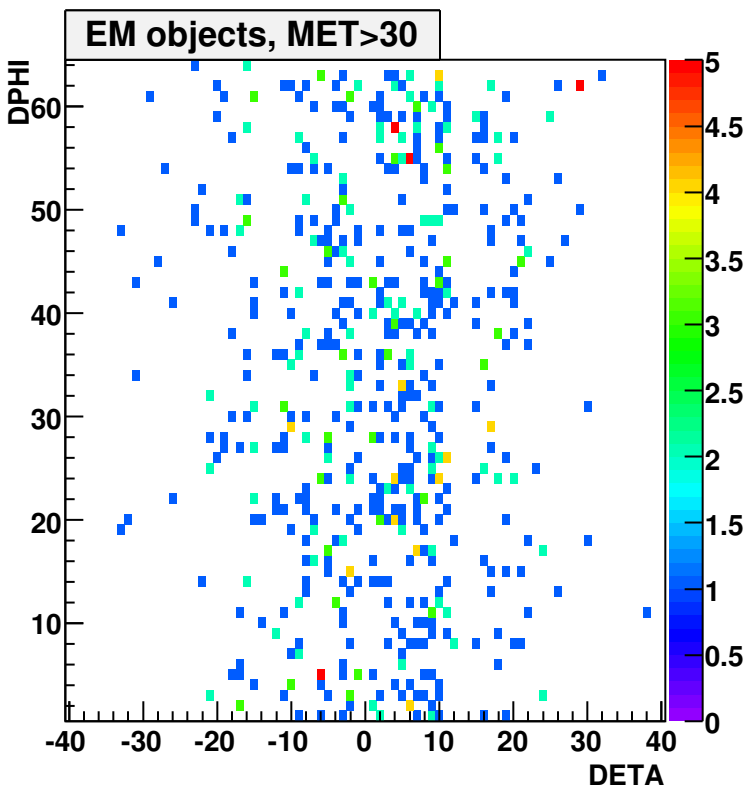


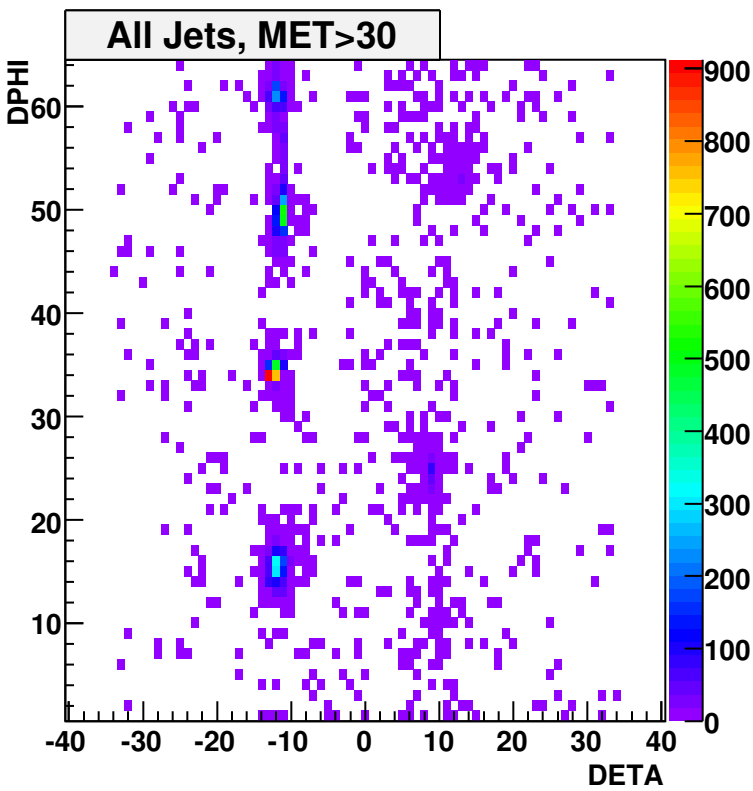


Calorimeter (All EC cells)

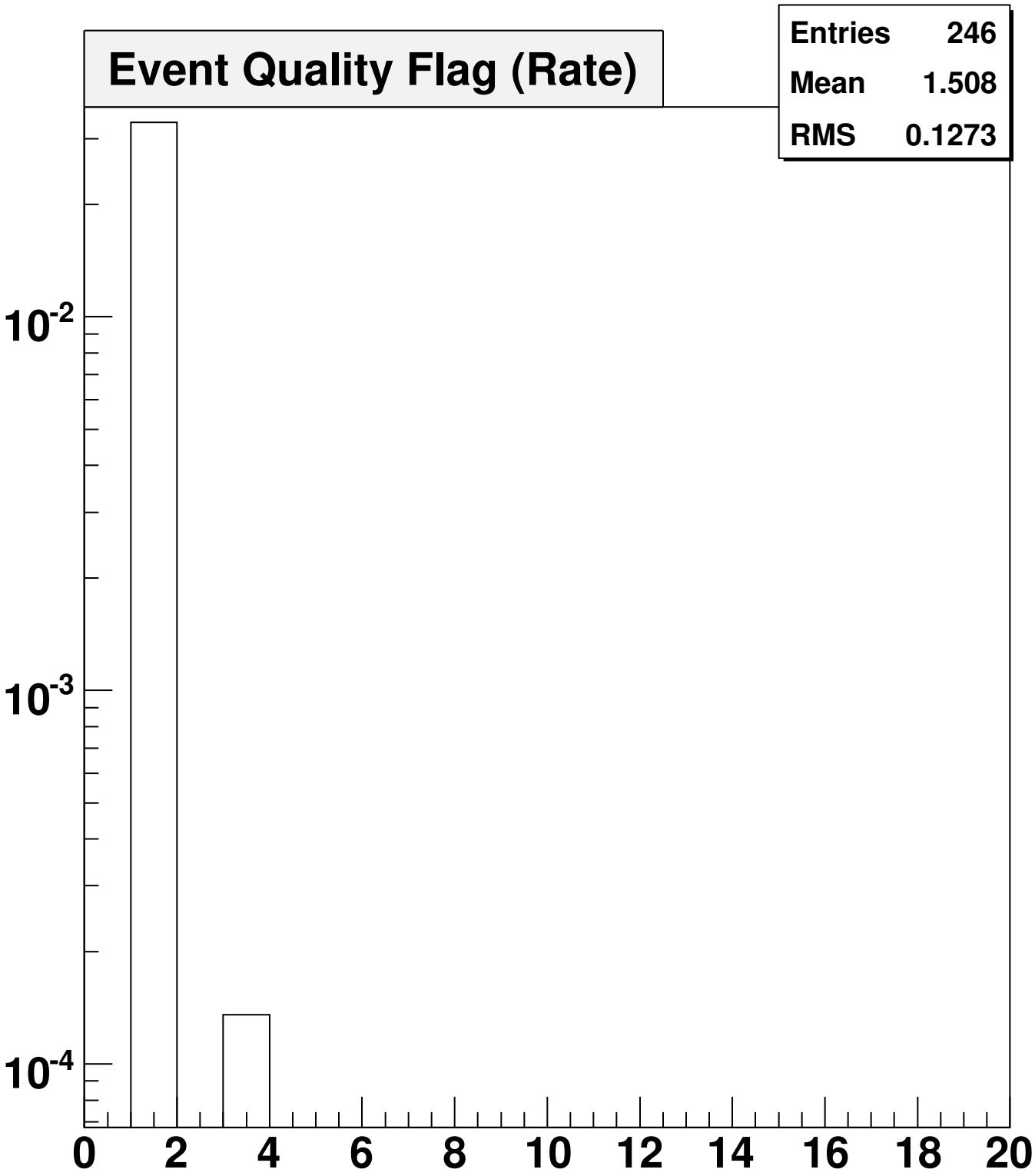


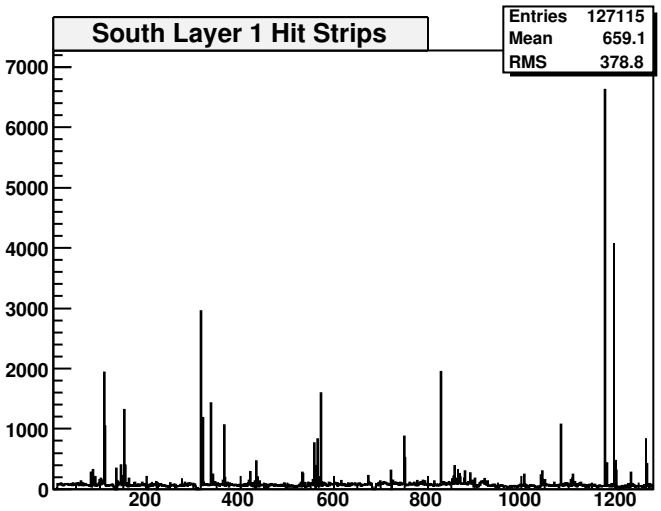


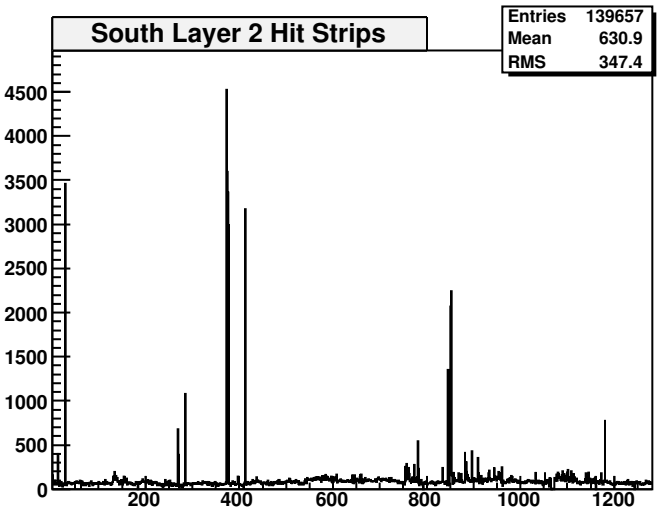


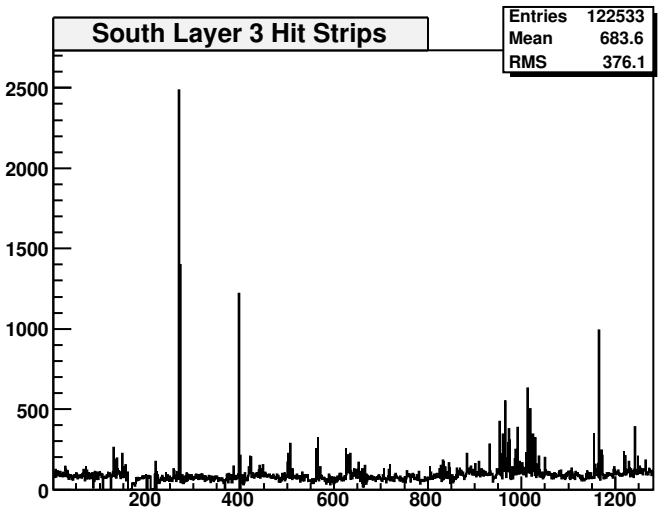


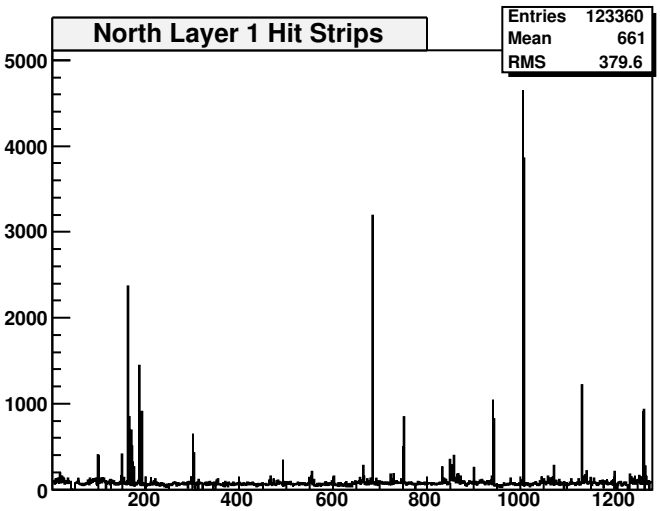
Cal Objects with MET>30 (All cells)

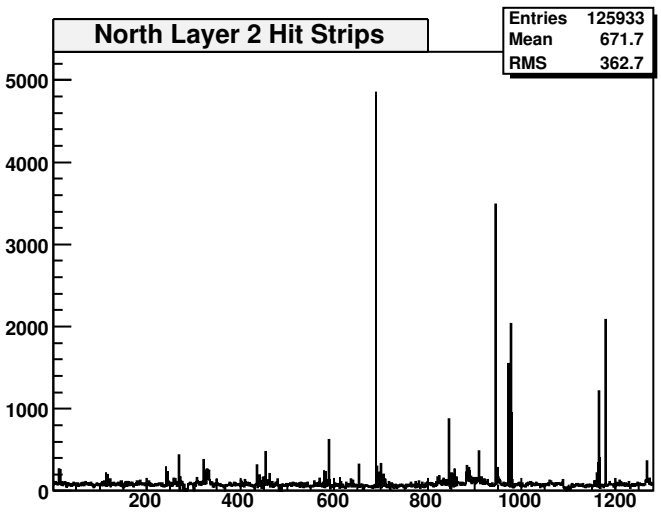

Event Quality Flag (Rate)
Entries 246
Mean 1.508
RMS 0.1273
10-2
10-3
10-4
0
2
4
6
8
10
12
14
16
18
20
Calorimeter Event Quality (All cells)

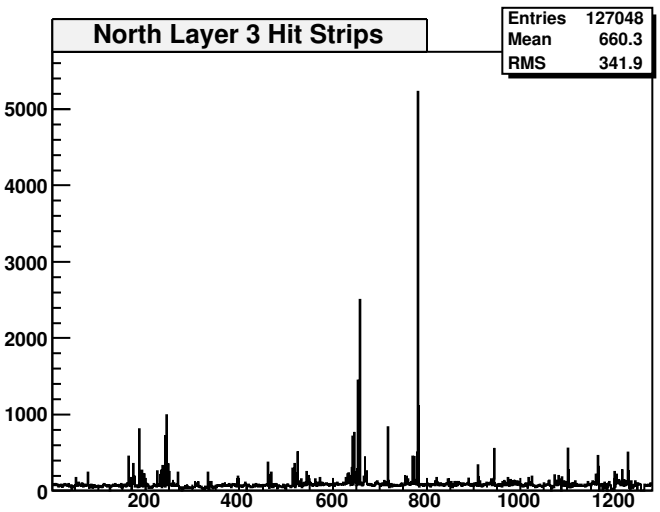




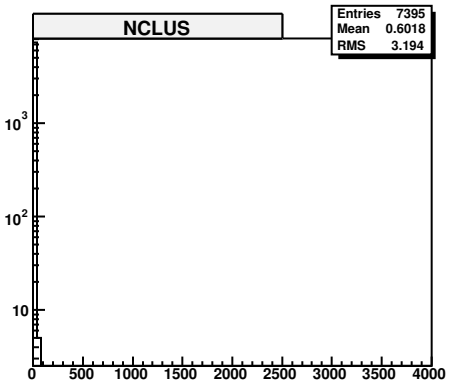


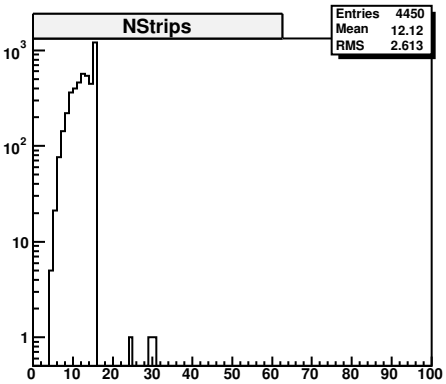


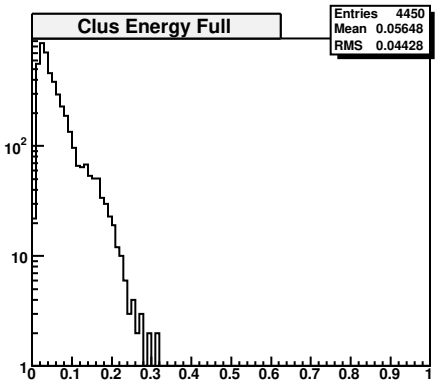


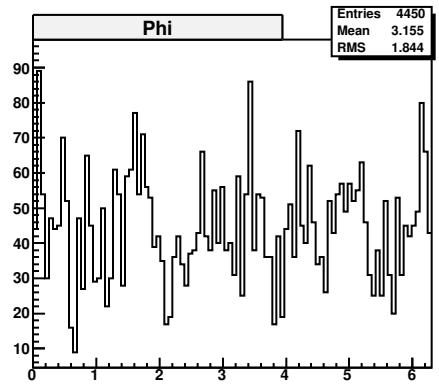


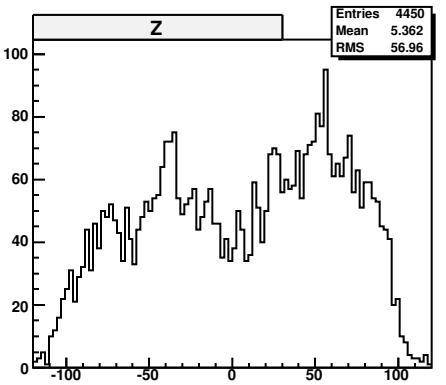
CPS Hit Strips (All Clusters)

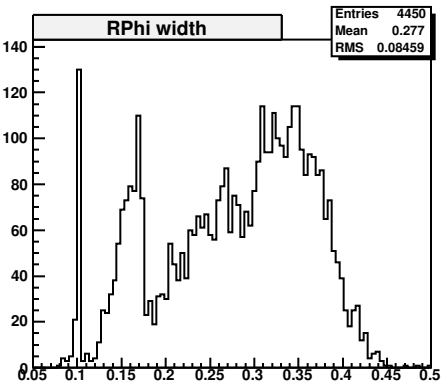


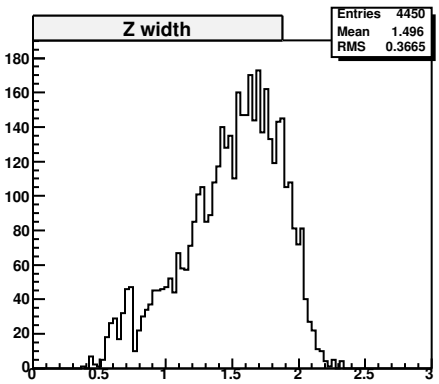


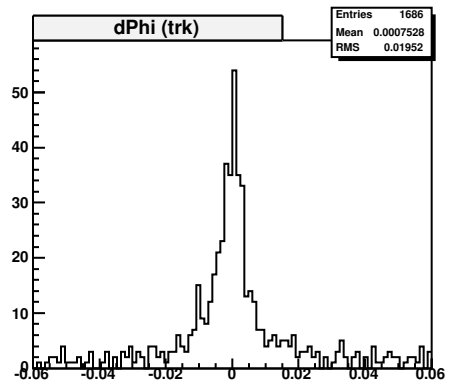


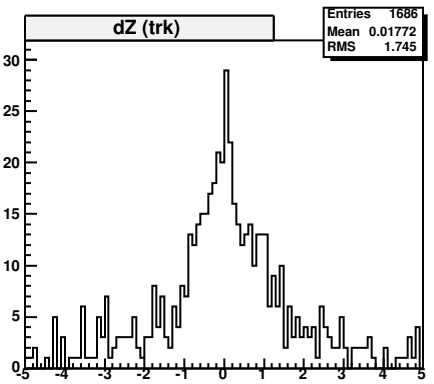


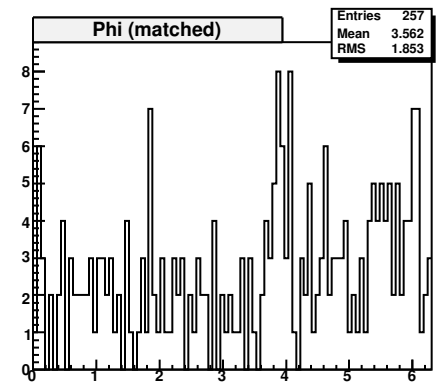


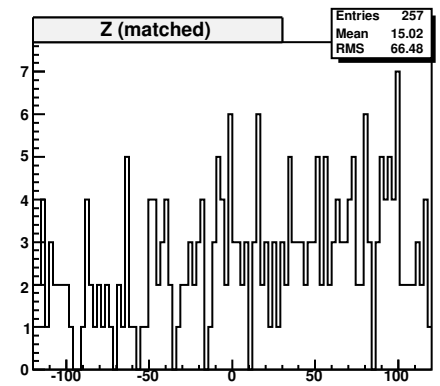




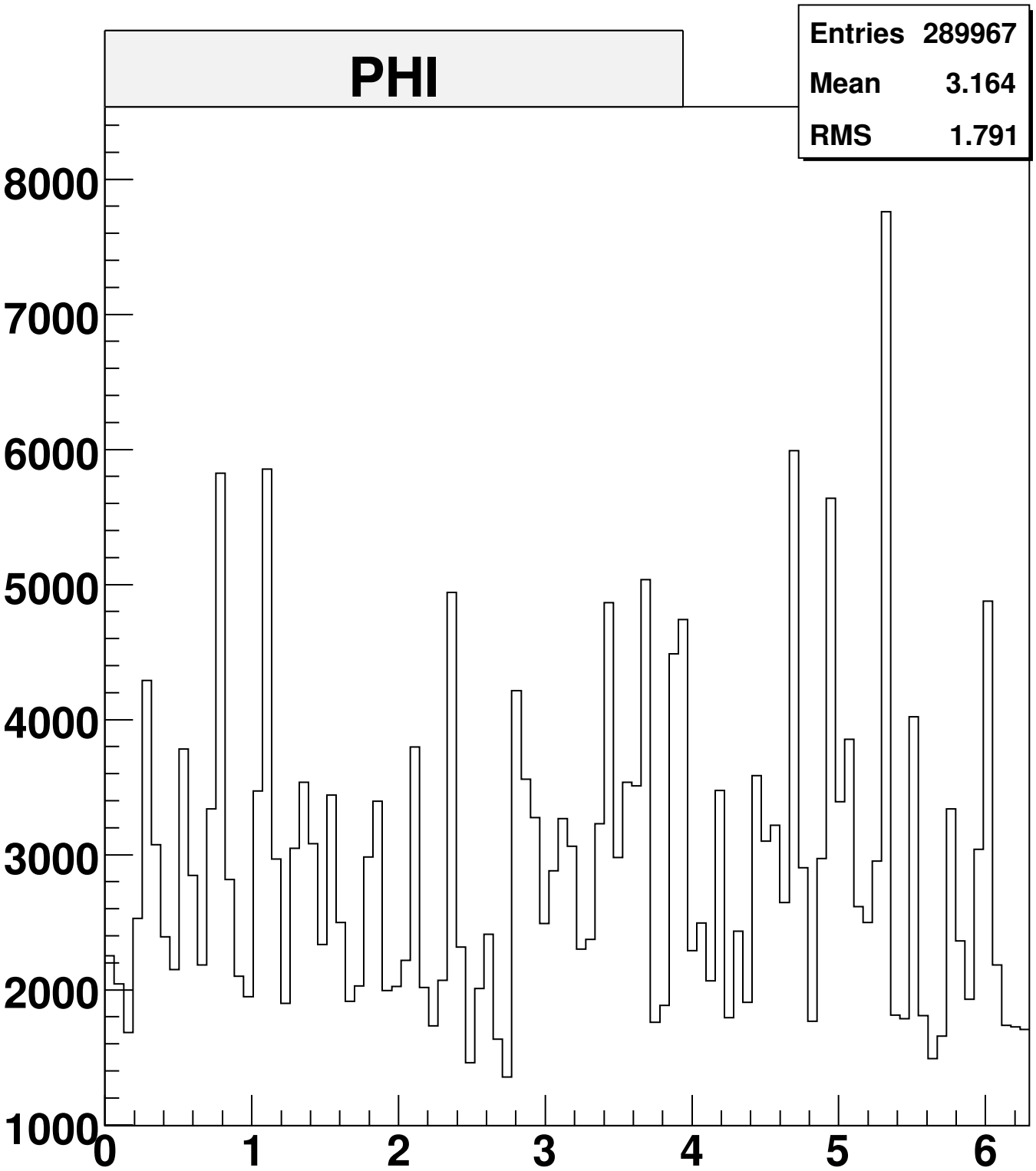


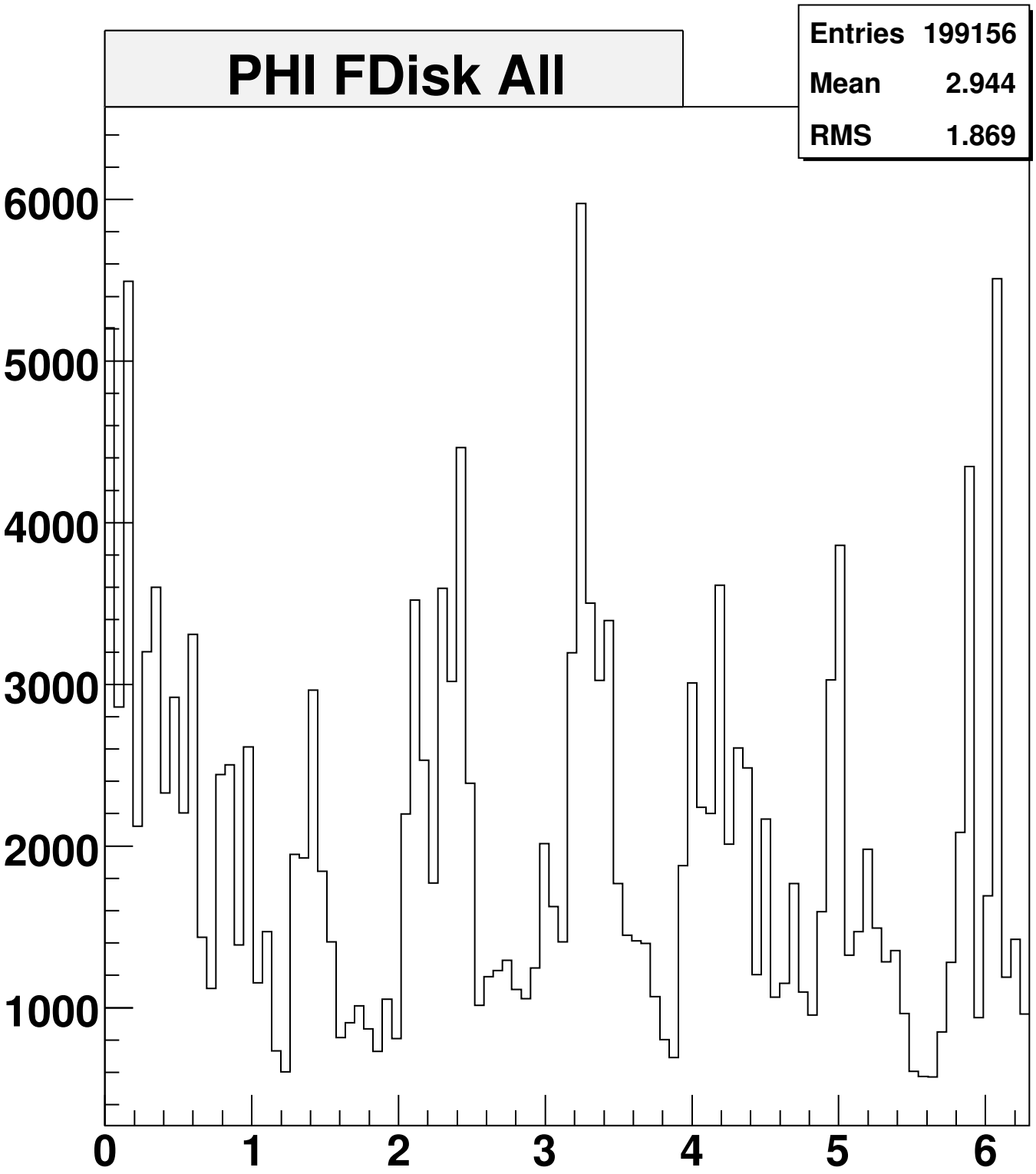


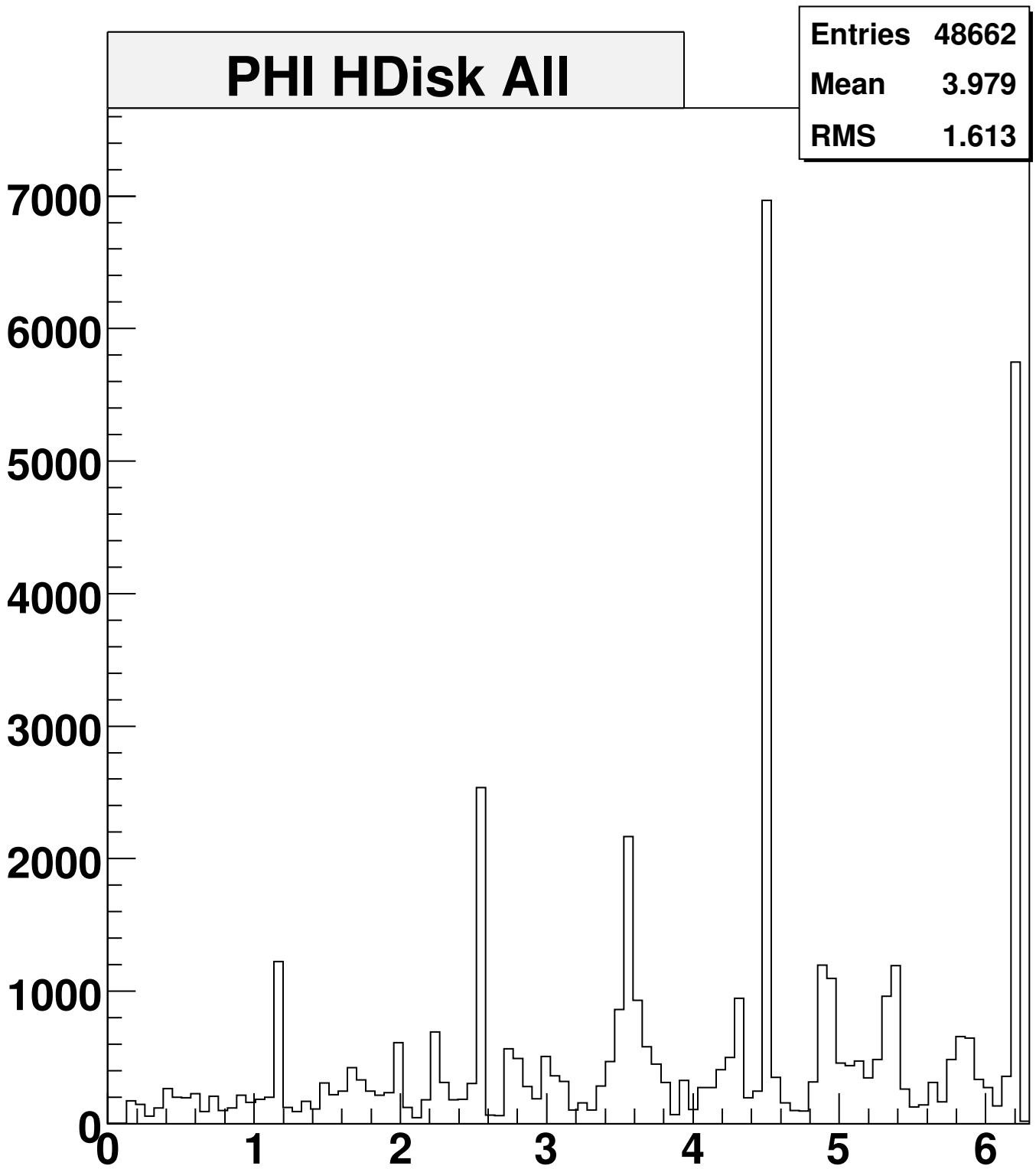


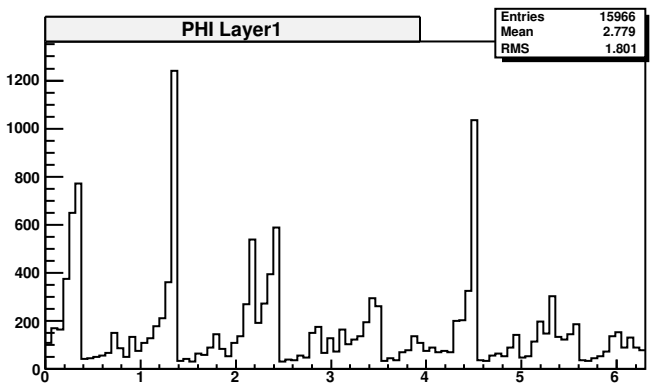


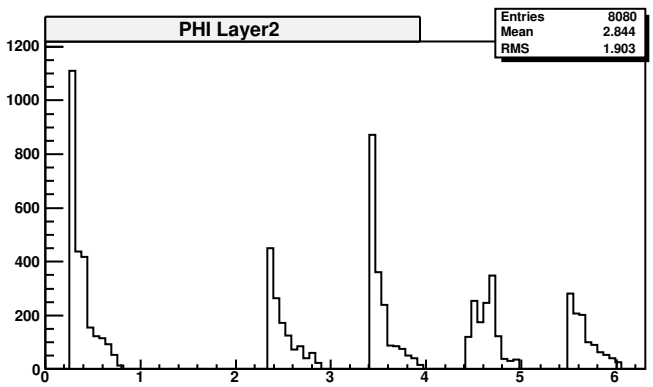
CPS Clusters (All Clusters)

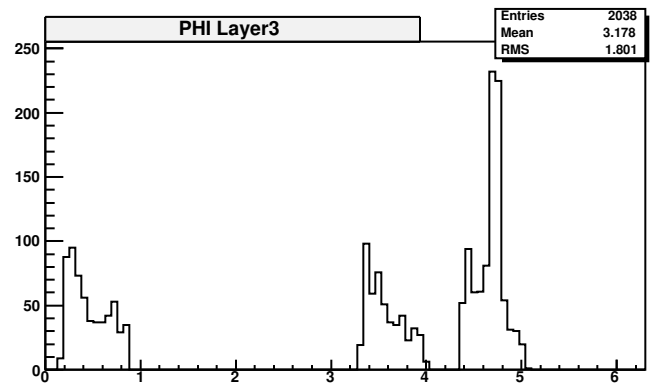

PHI
Entries 289967
Mean 3.164
RMS 1.791
8000
7000
6000
5000
4000
3000
2000
1000
0
1
2
3
4
5
6
SmtClusters (allBarClusters)

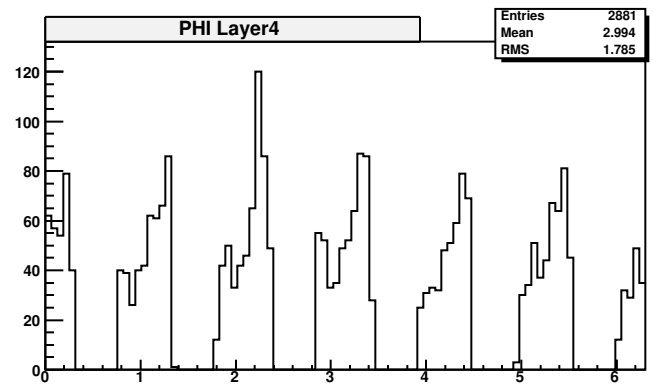

PHI FDisk All
Entries 199156
Mean 2.944
RMS 1.869
6000
5000
4000
3000
2000
1000
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

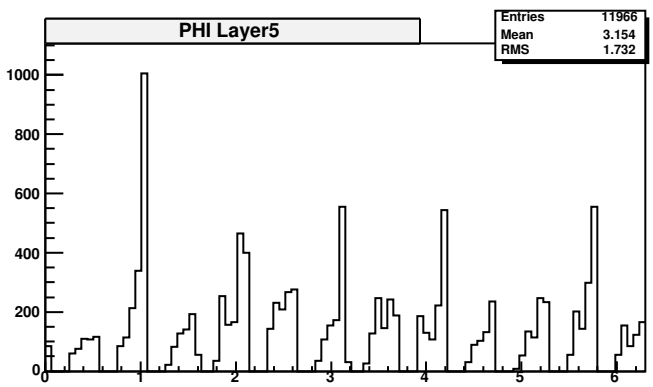

PHI HDisk All
Entries 48662
Mean 3.979
RMS 1.613
7000
6000
5000
4000
3000
2000
1000
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)

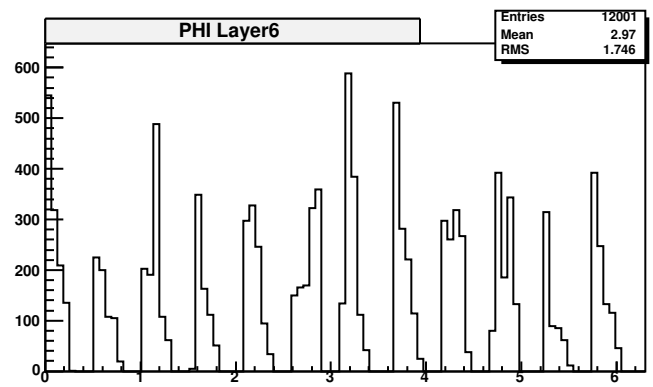


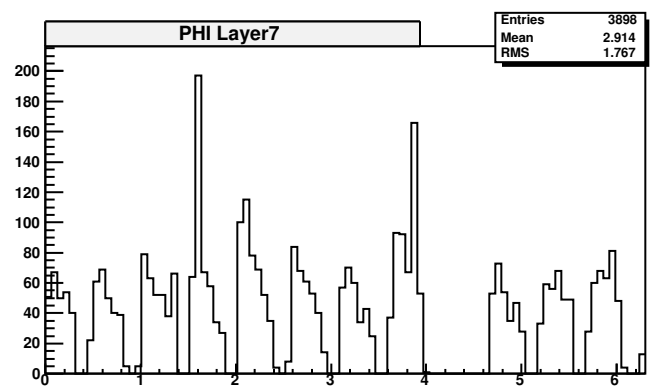


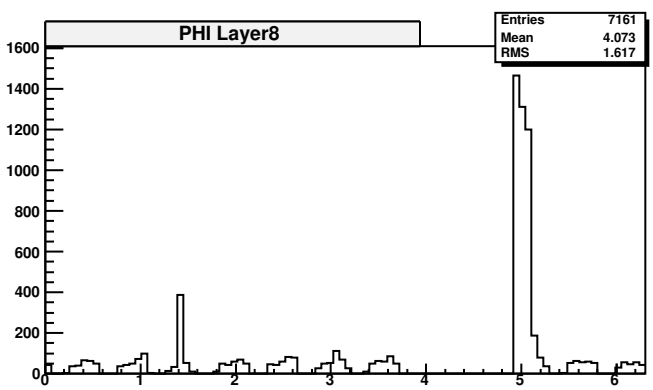




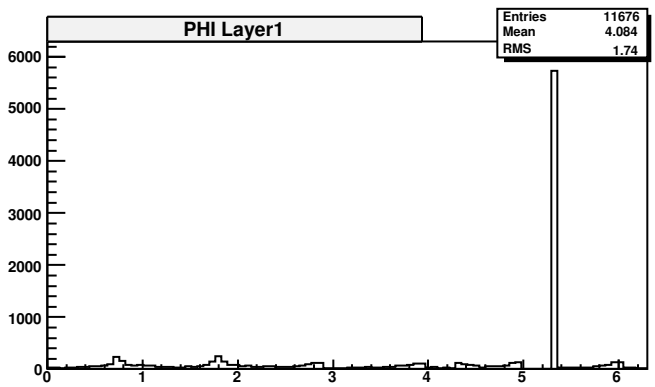


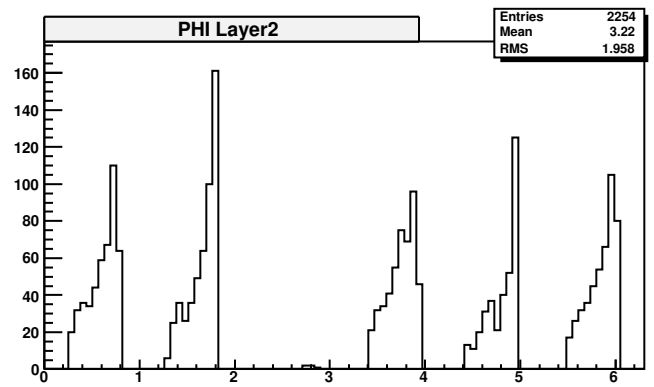


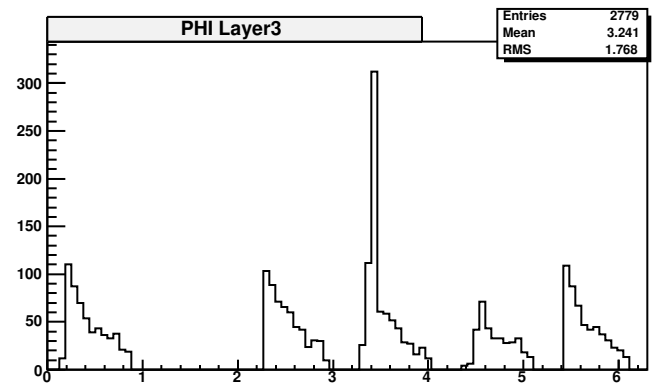


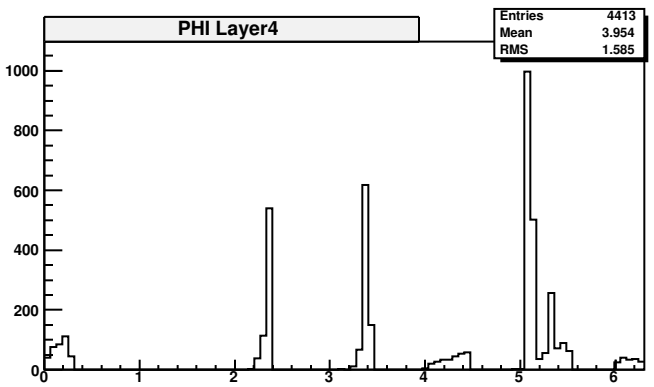


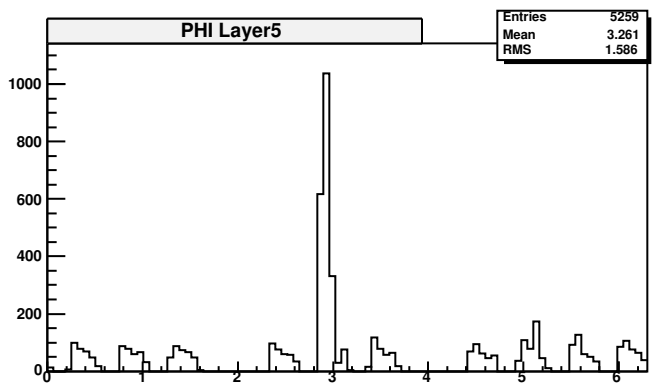
SmtClusters (ClustrBar1)

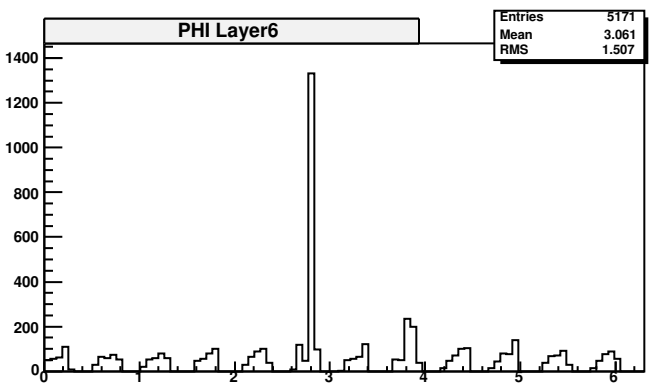


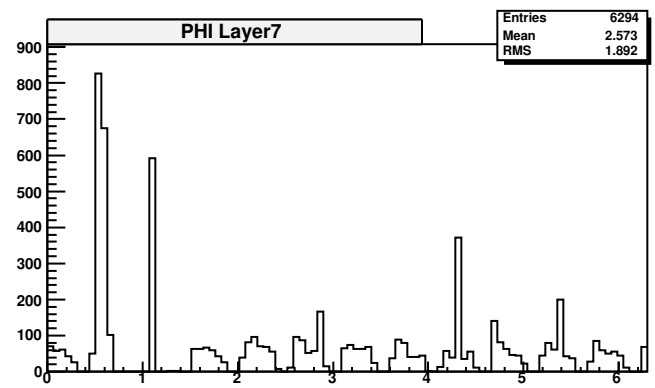


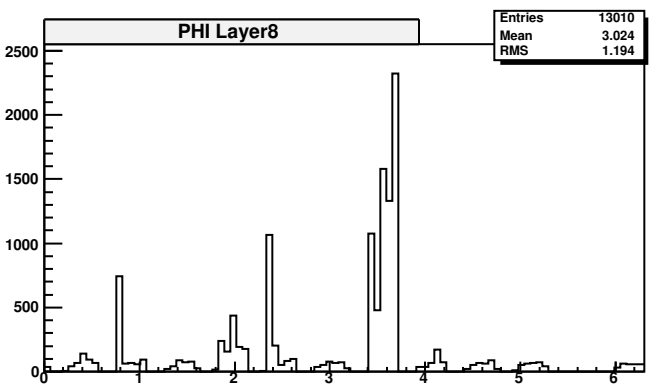




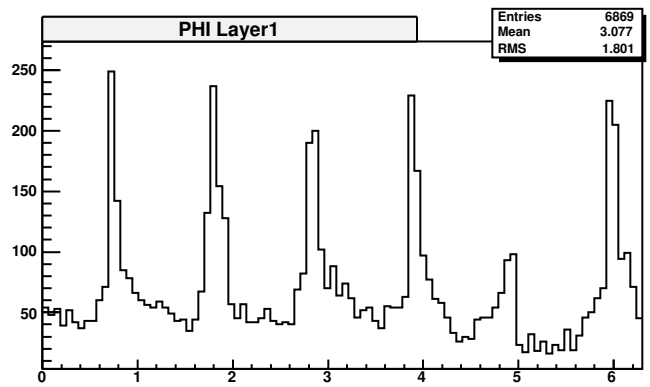


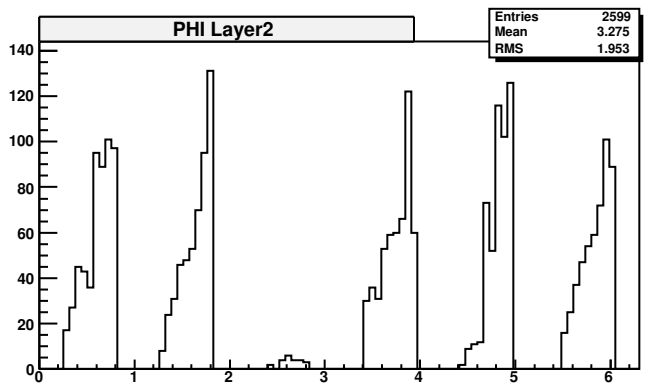


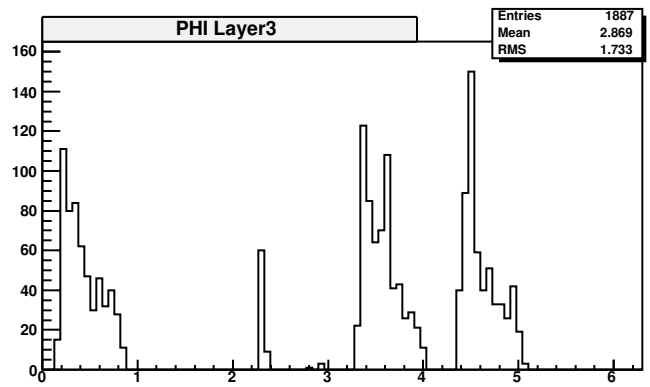


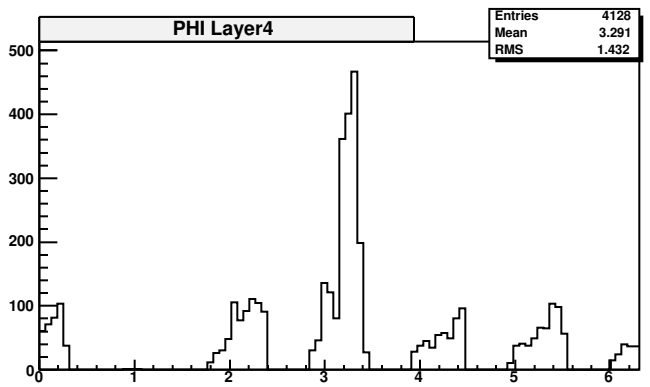


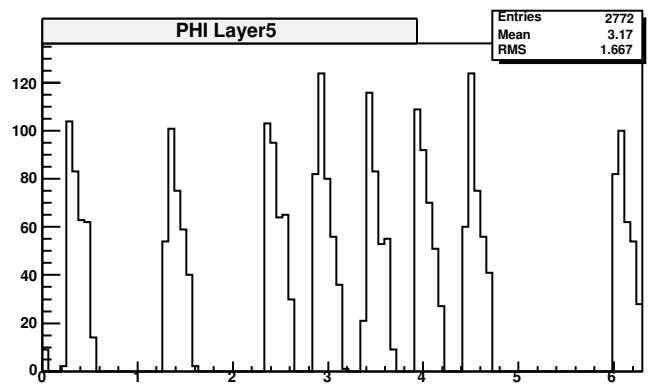
SmtClusters (ClustrBar2)

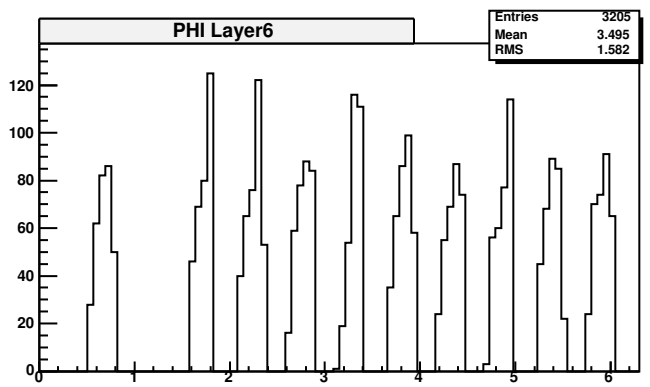


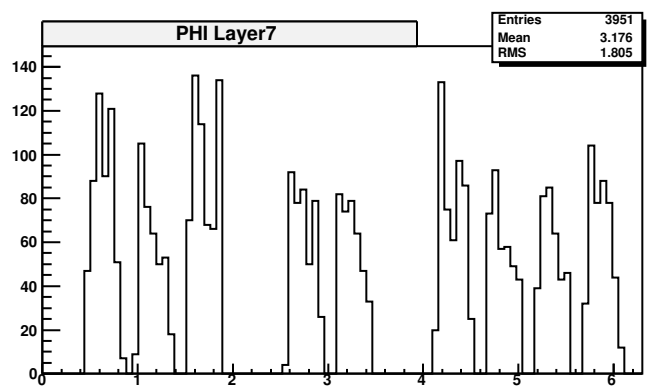


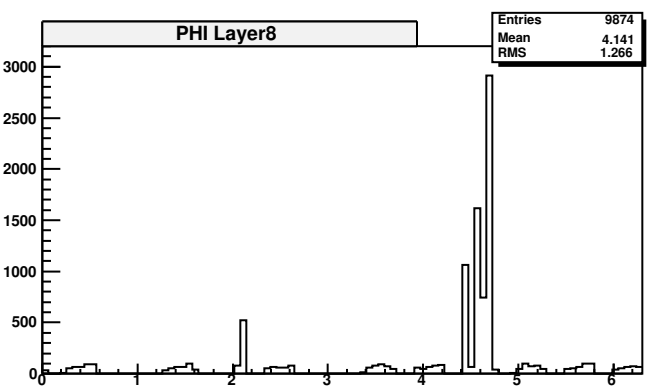




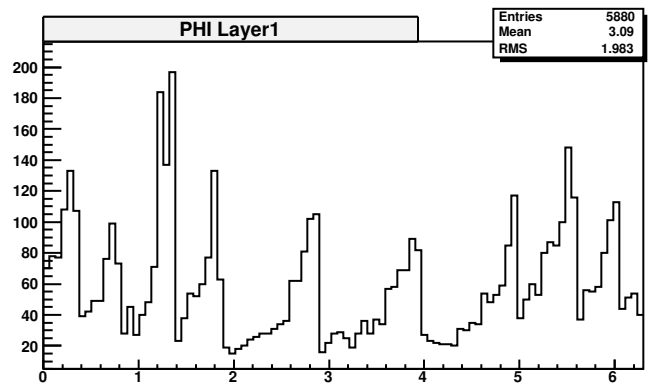


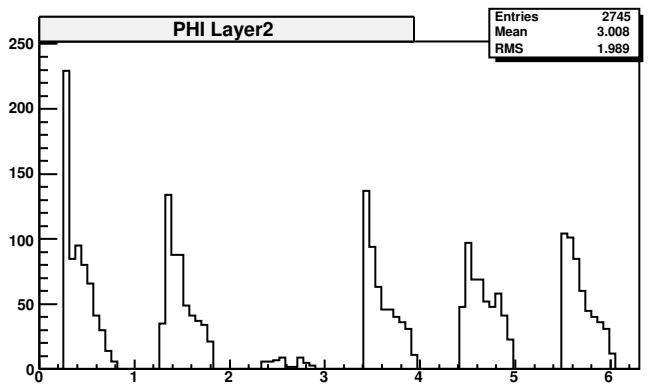


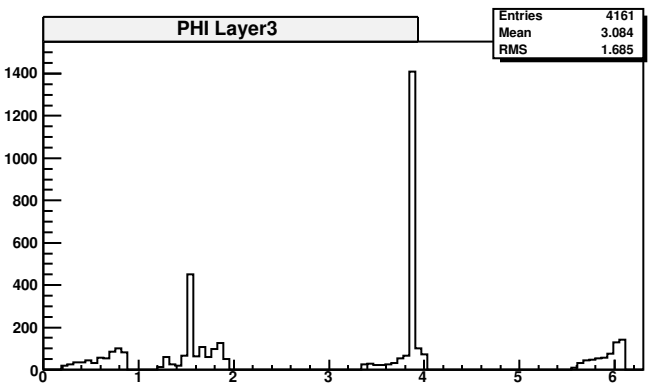


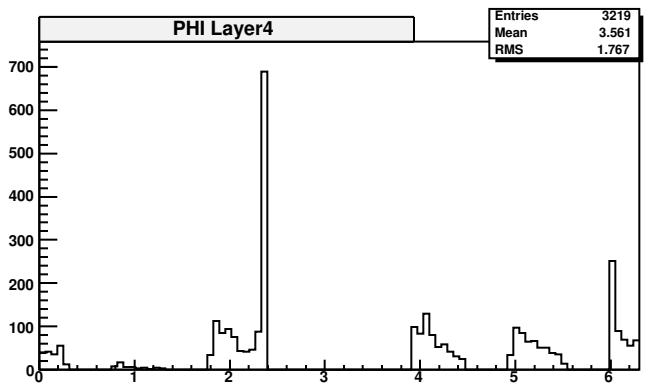


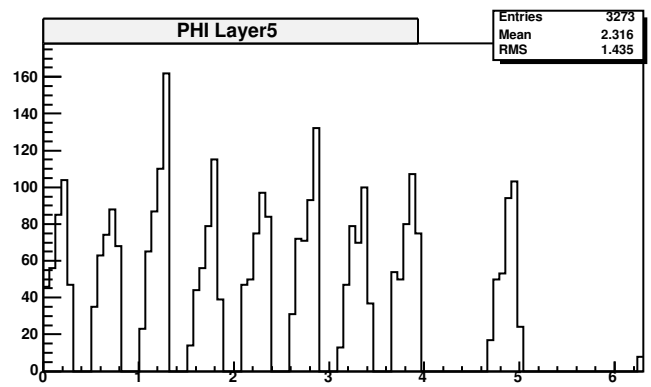
SmtClusters (ClustrBar3)

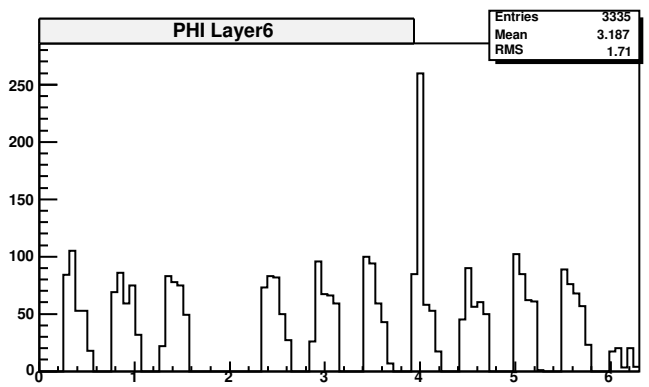


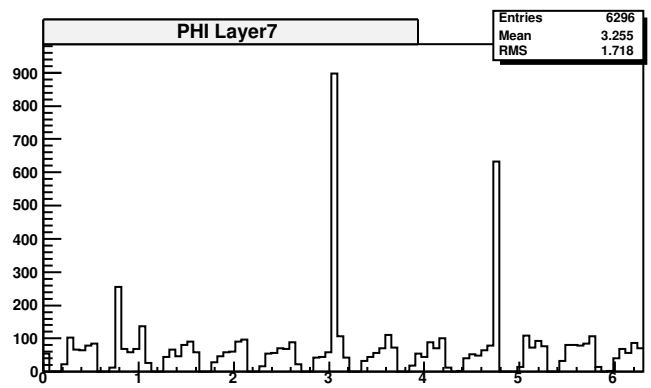


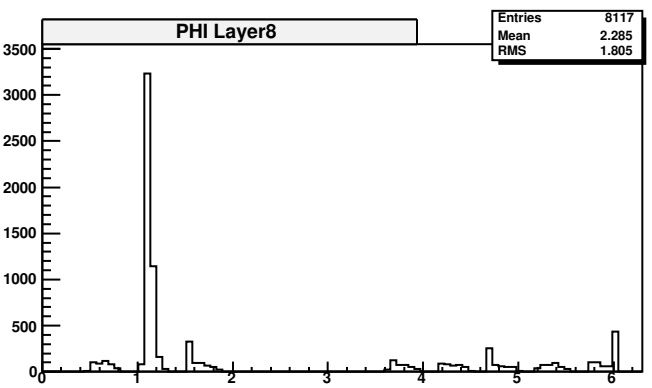




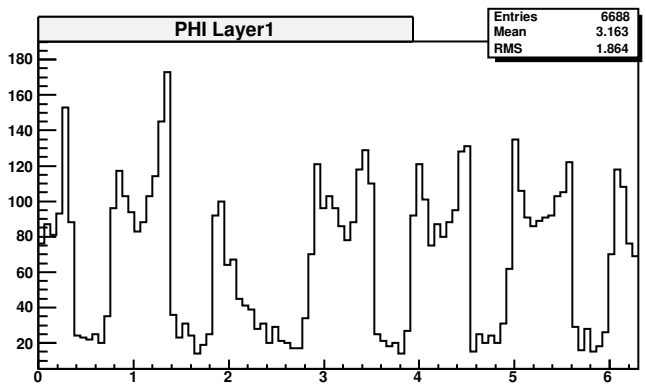


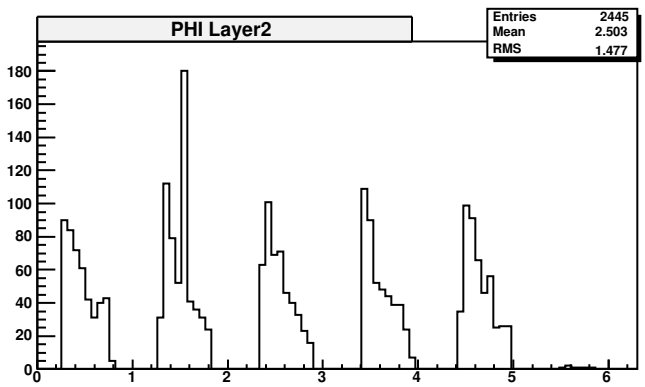


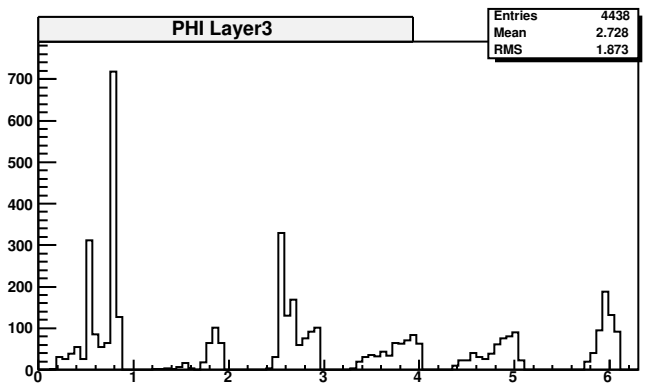


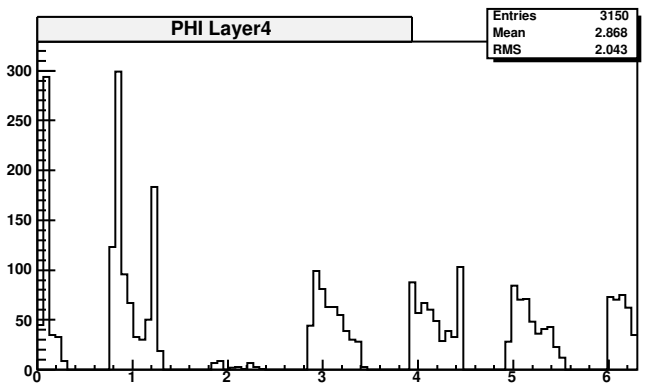


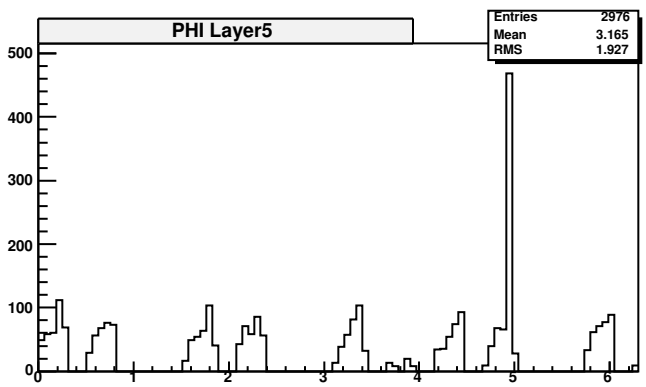
SmtClusters (ClustrBar4)

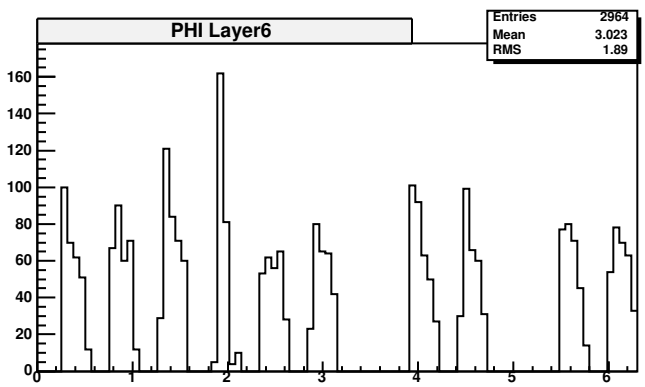


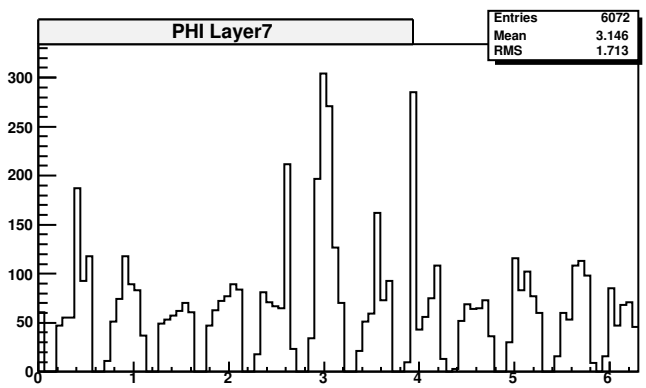


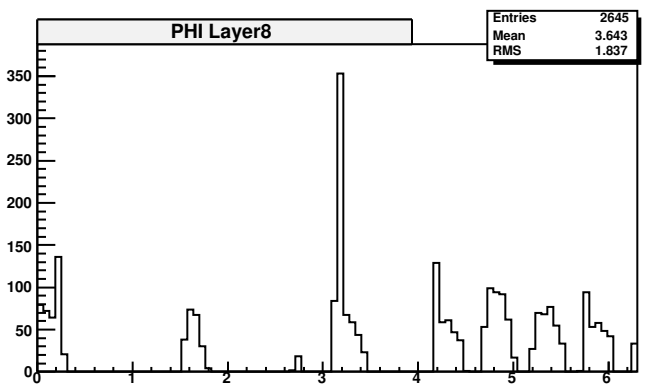




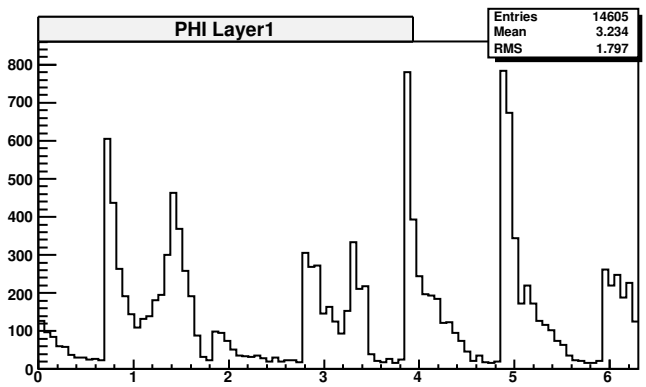


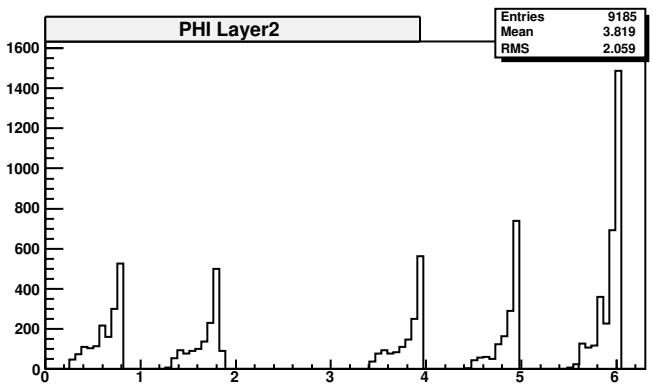


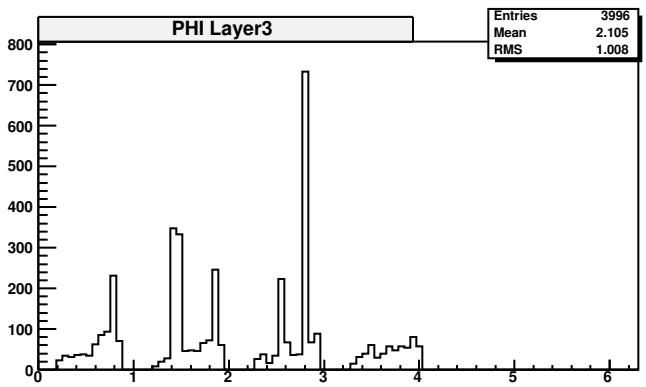


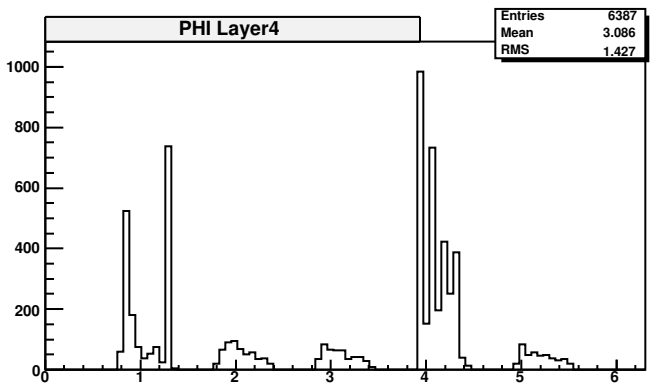


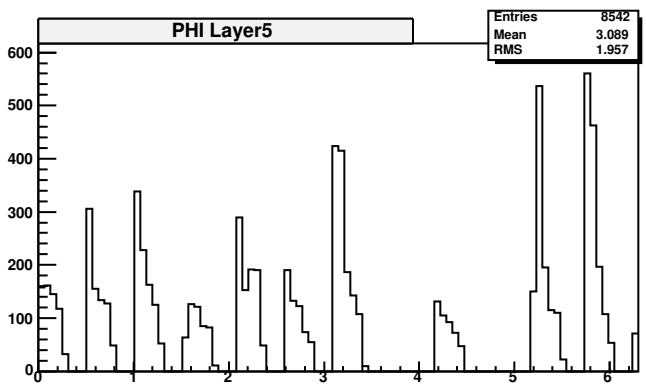
SmtClusters (ClustrBar5)

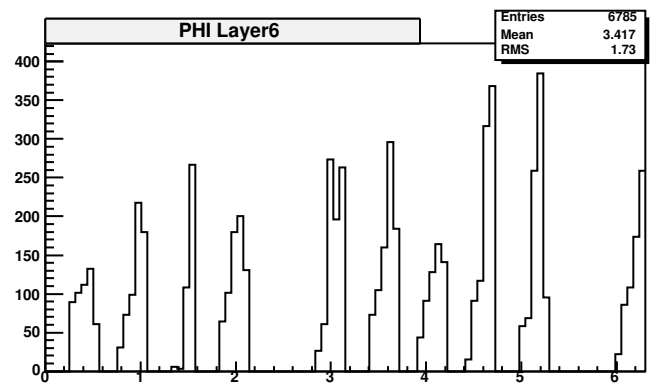


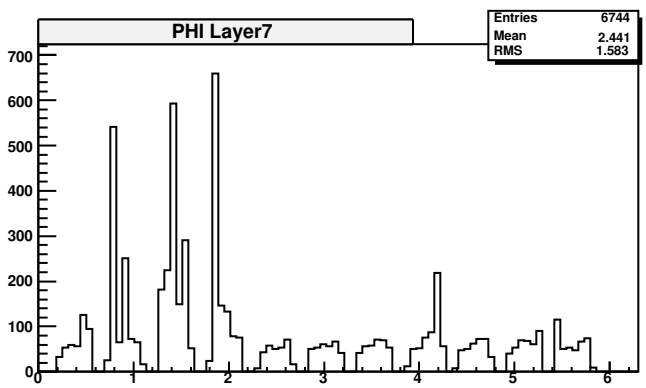


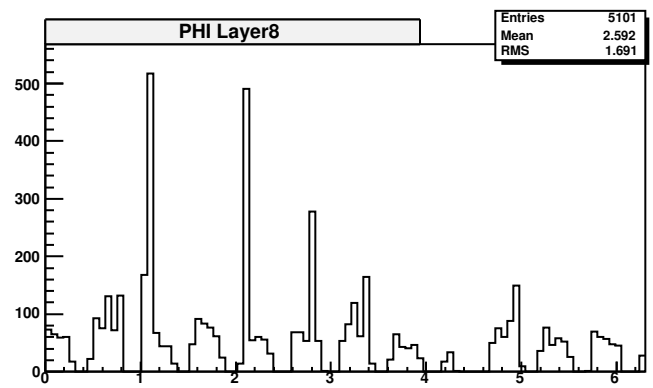




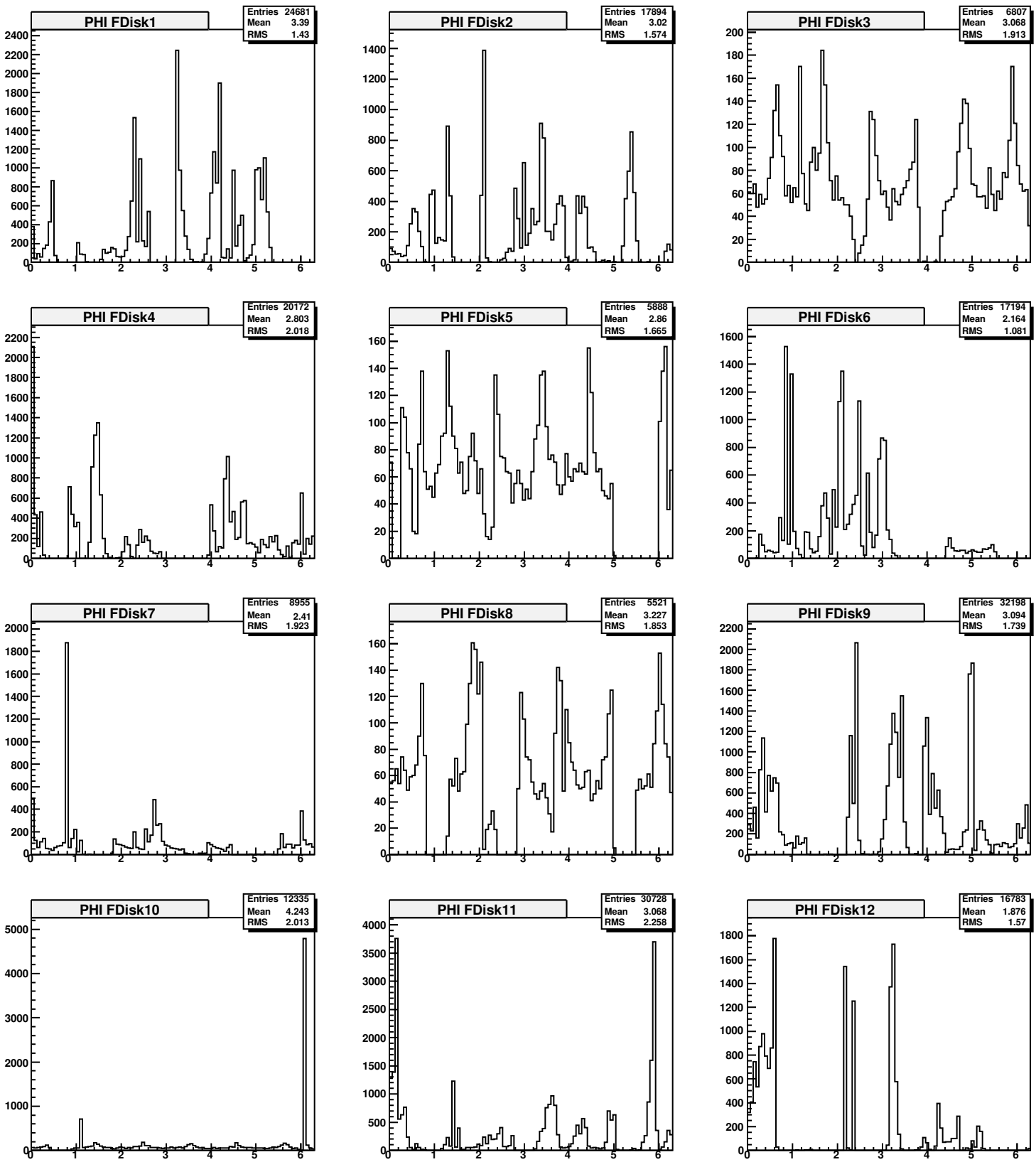




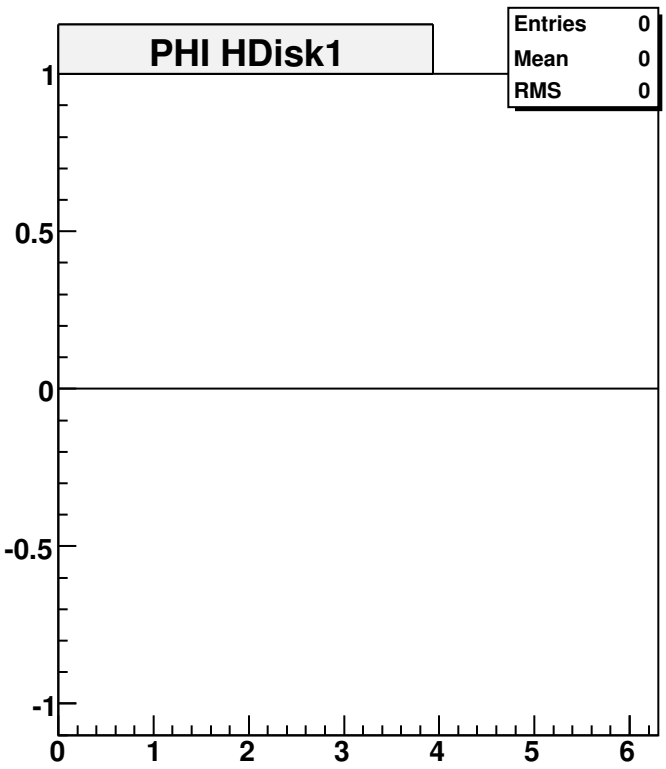


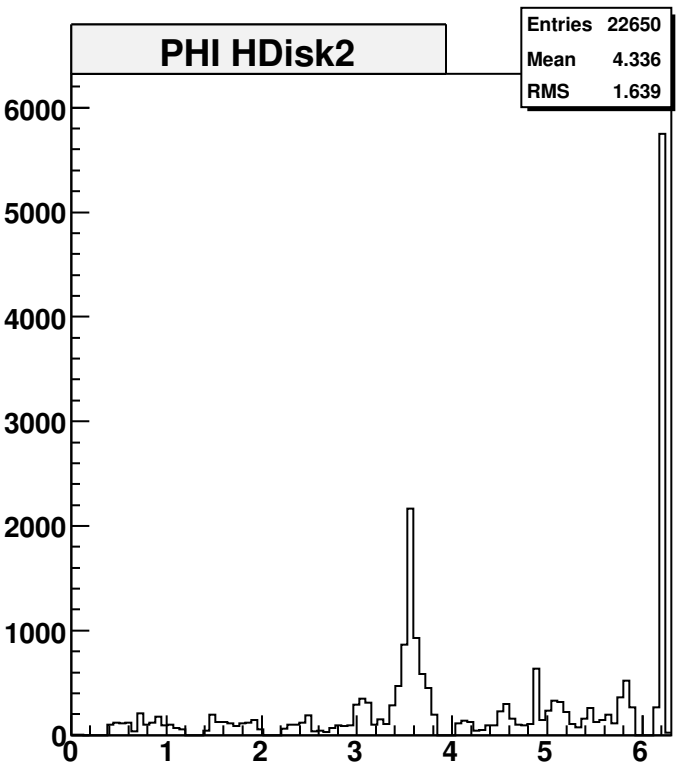


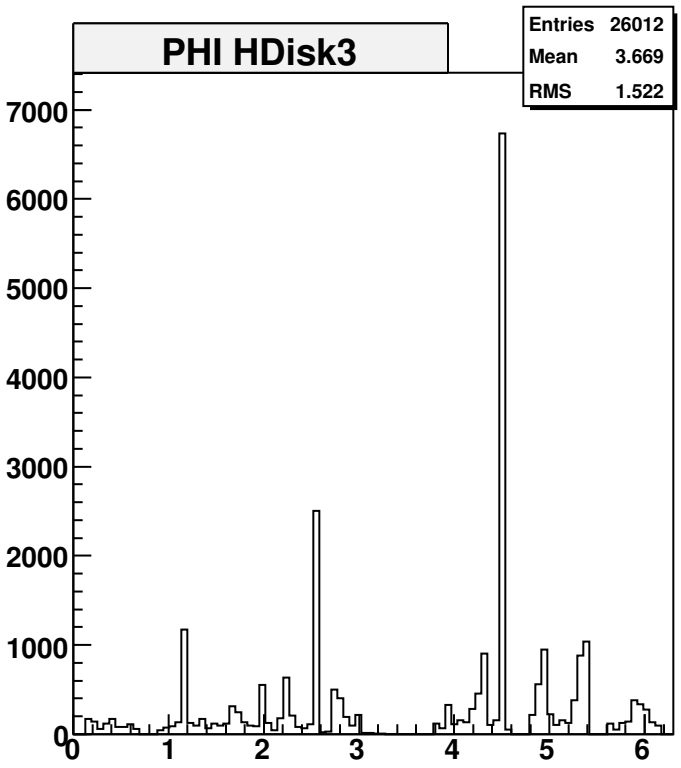
SmtClusters (ClustrBar6)

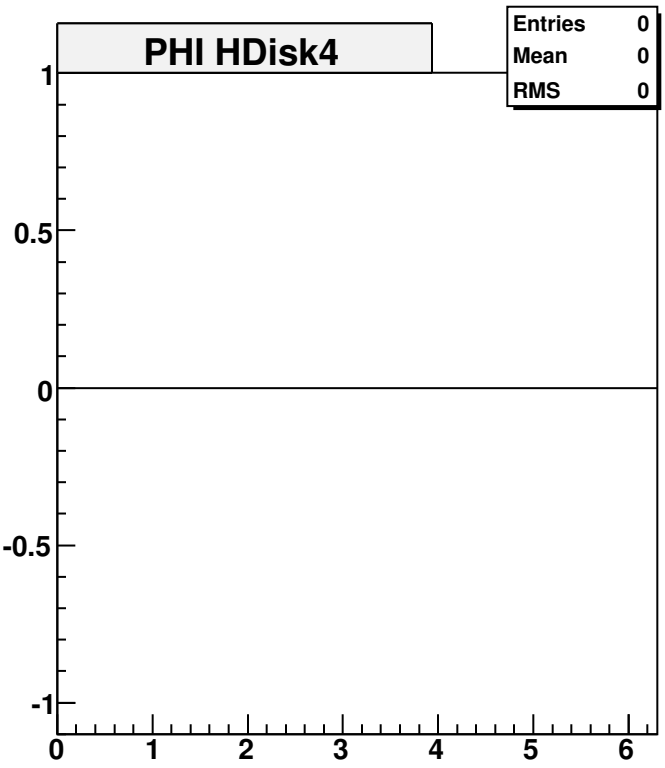


SmtClusters (FDiskClusters)

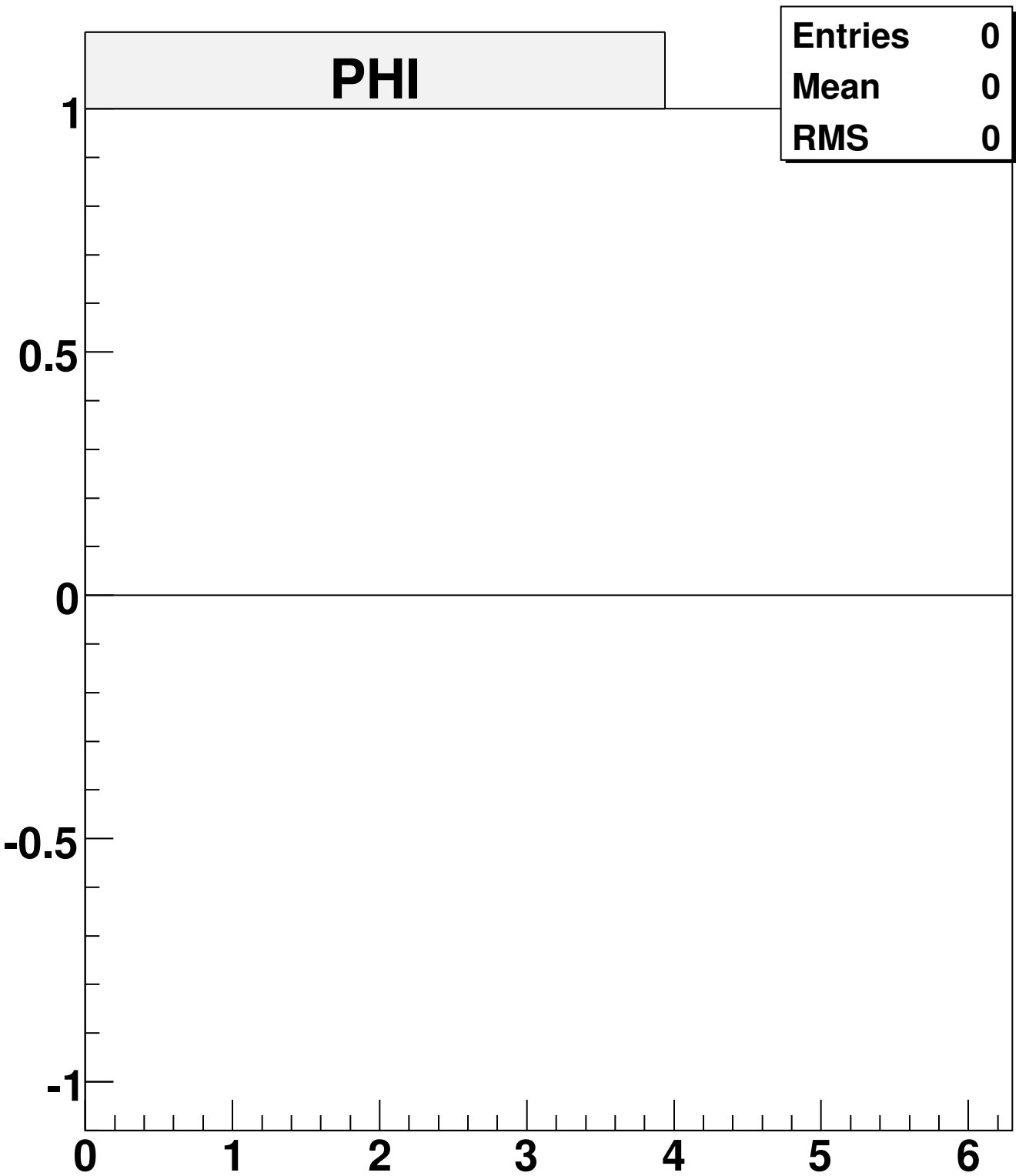


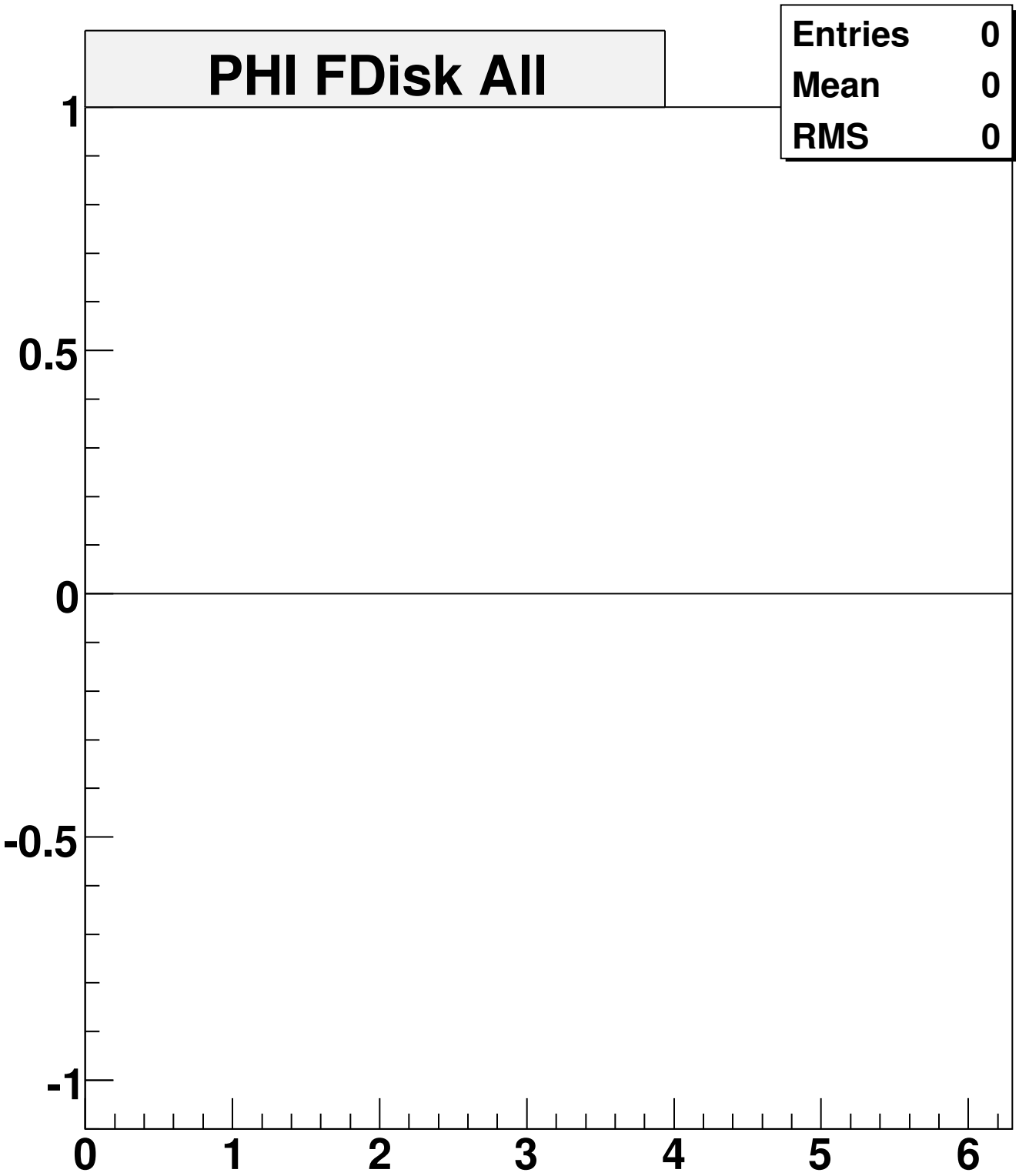


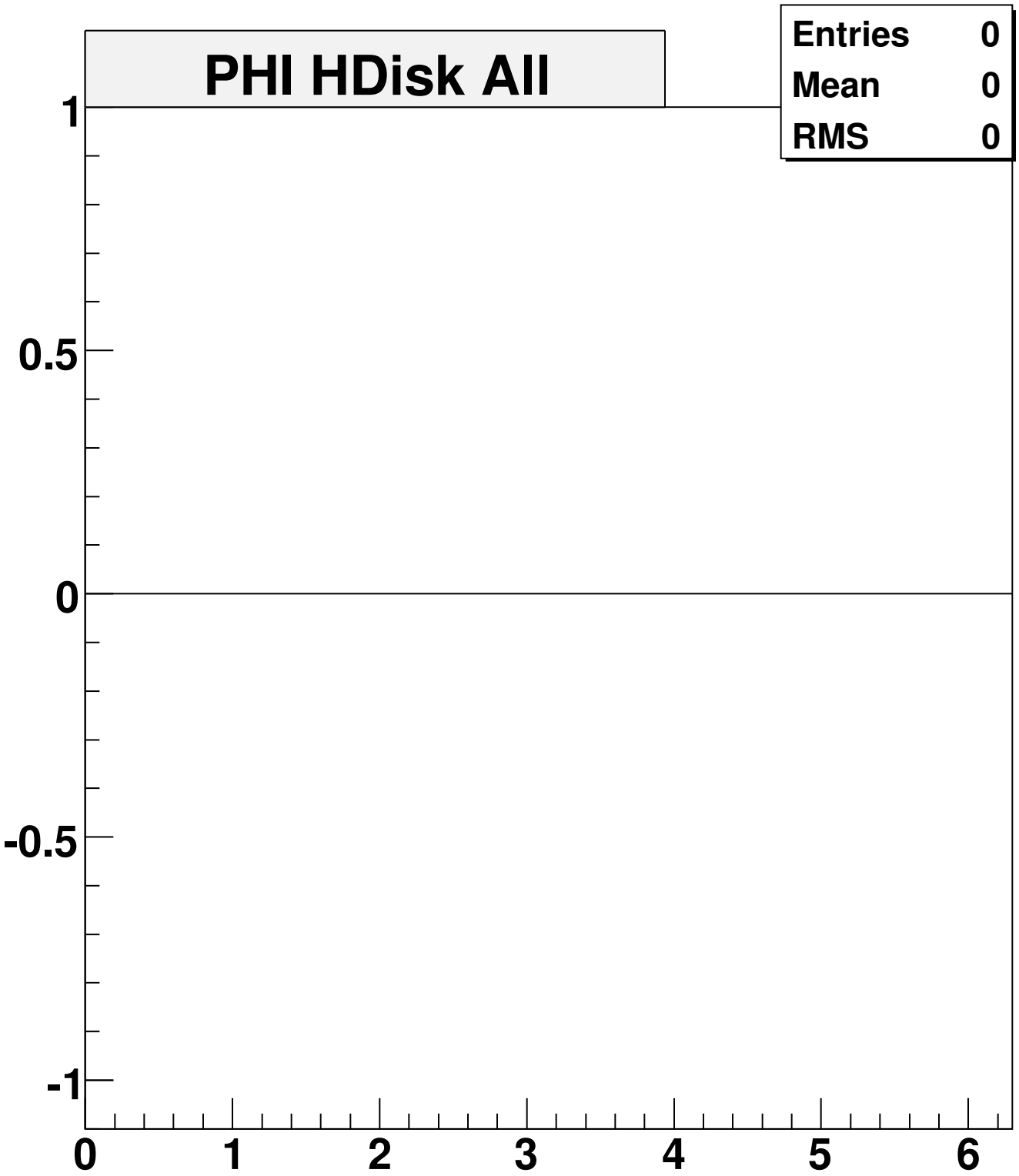


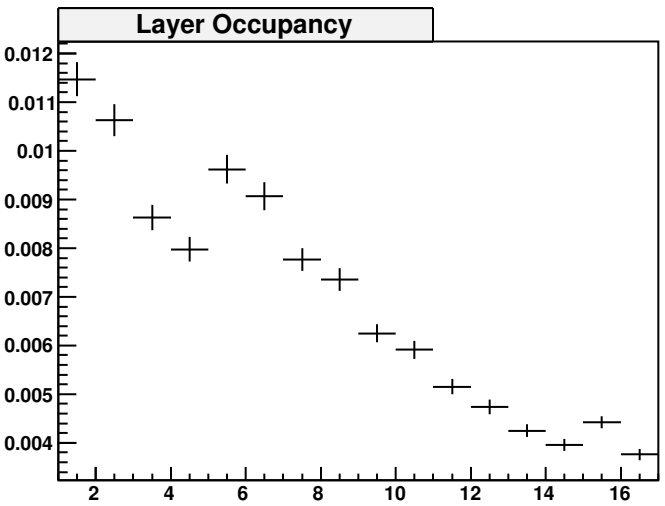


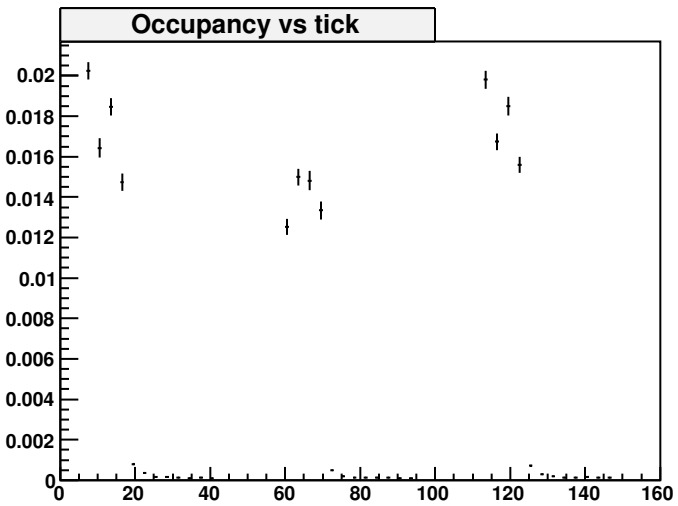
SmtClusters (HDiskClusters)

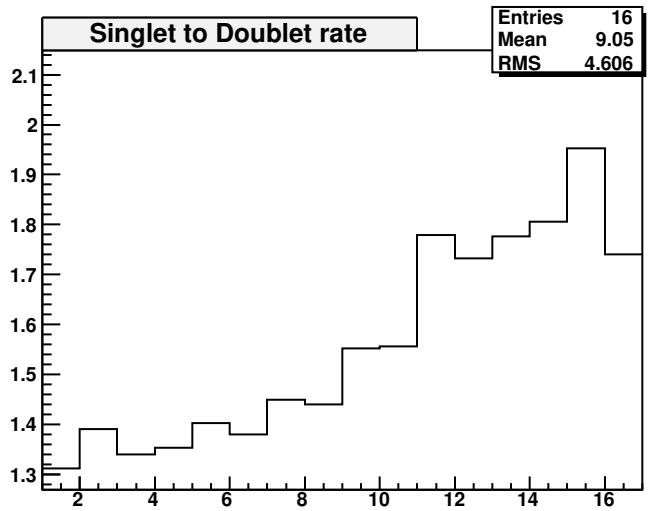

PHI
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)

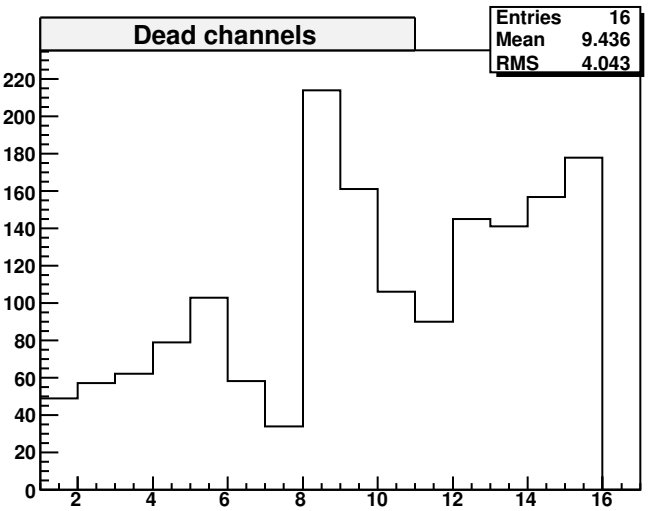

PHI FDisk All
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
1
2
3
4
5
6
SmtClusters (allFDiskTClusters)

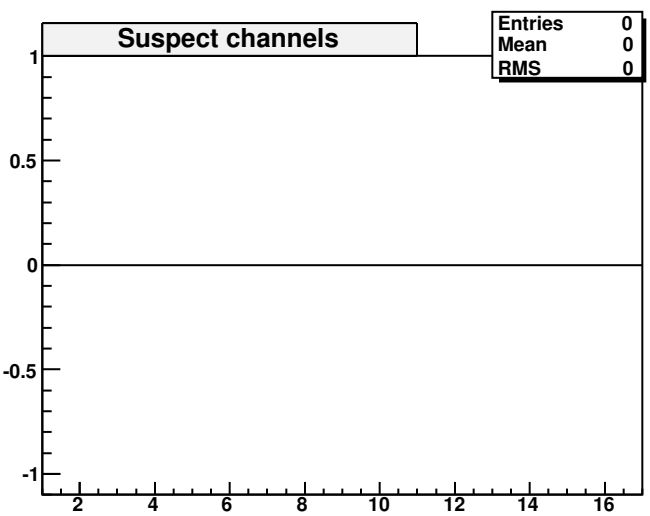

PHI HDisk All
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0
1
2
3
4
5
6
SmtClusters (allHDiskTClusters)

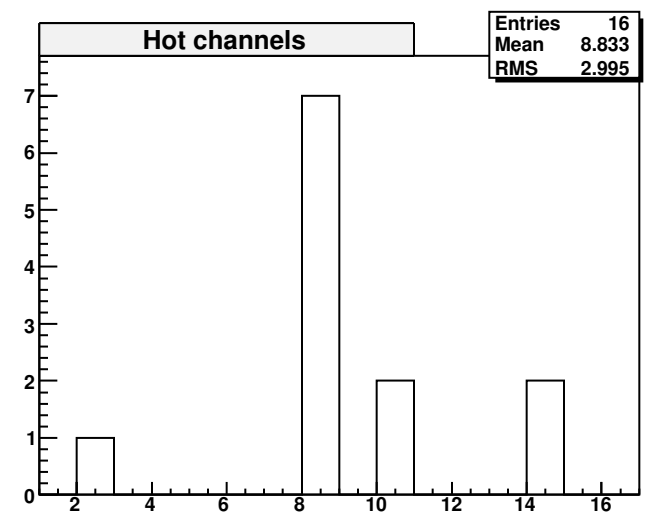




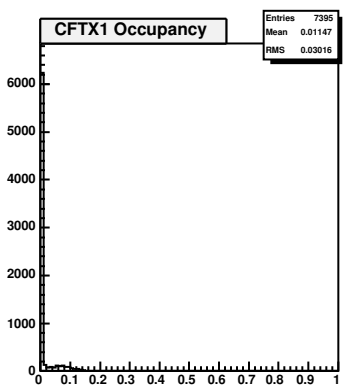


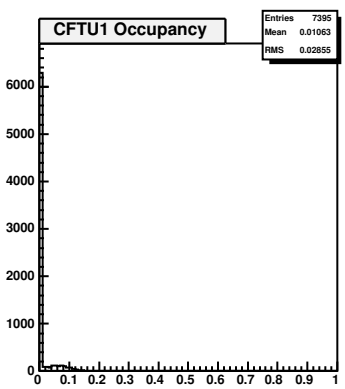


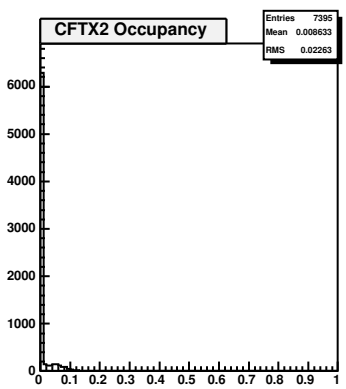


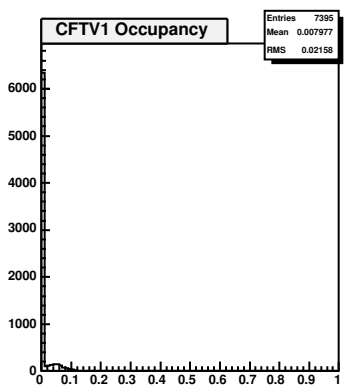


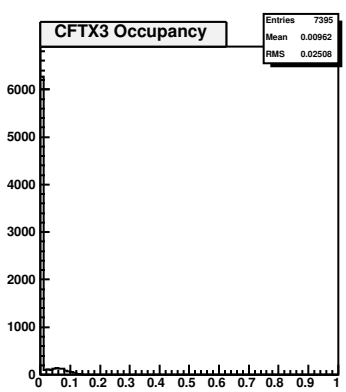
CFT Summary (All Clusters)

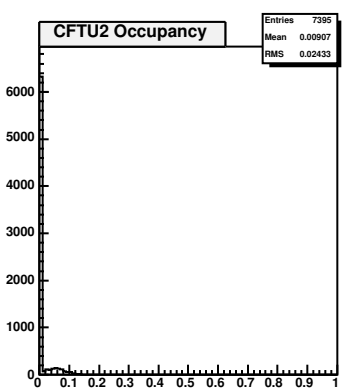


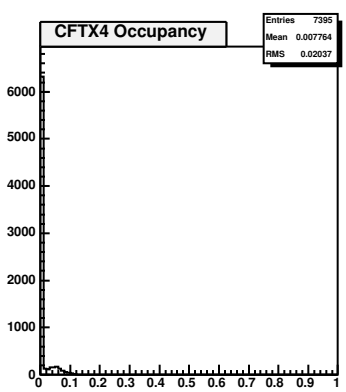


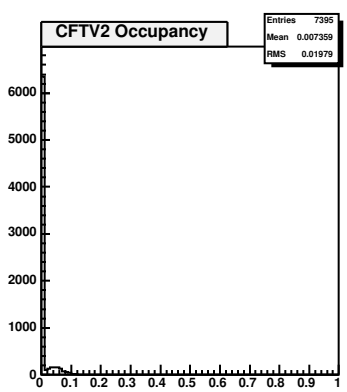


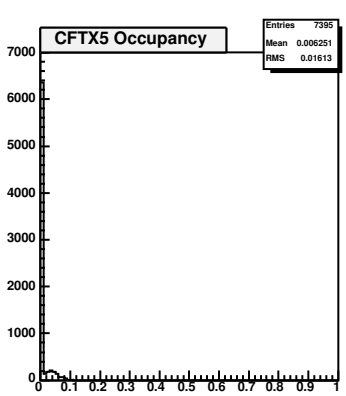


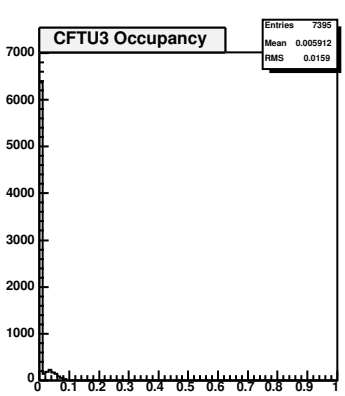


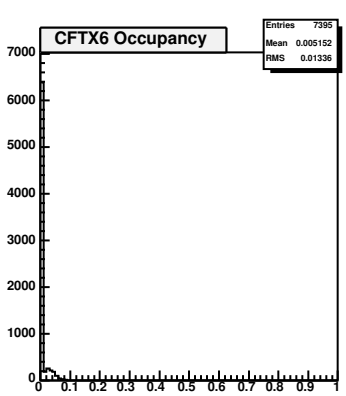


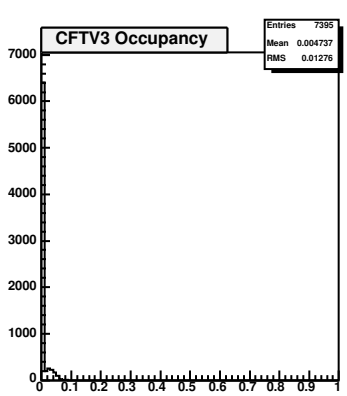


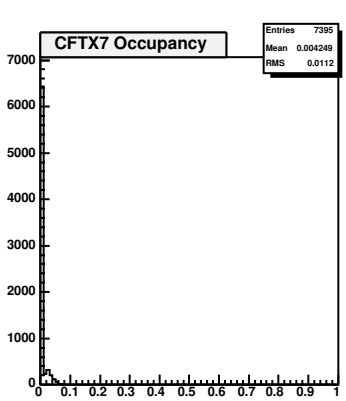


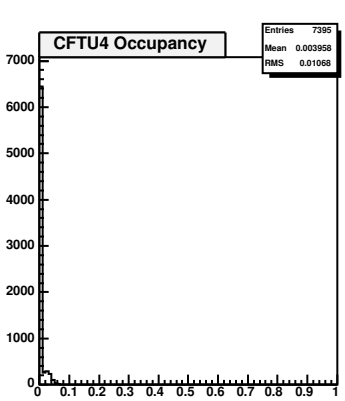


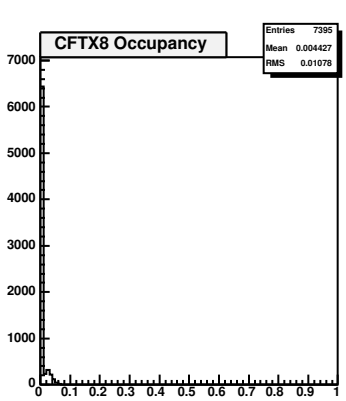


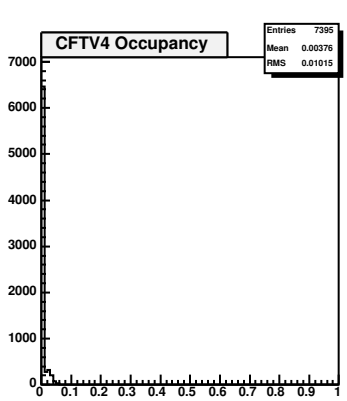




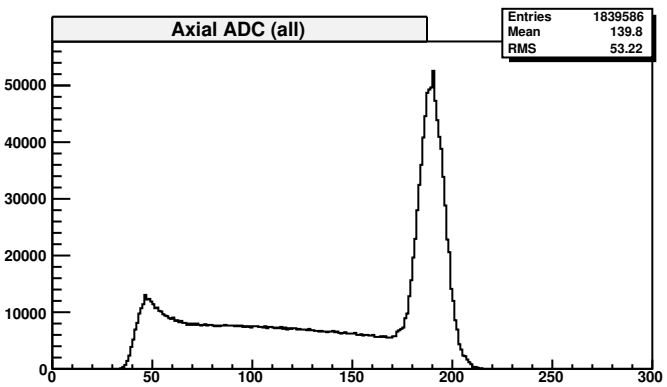


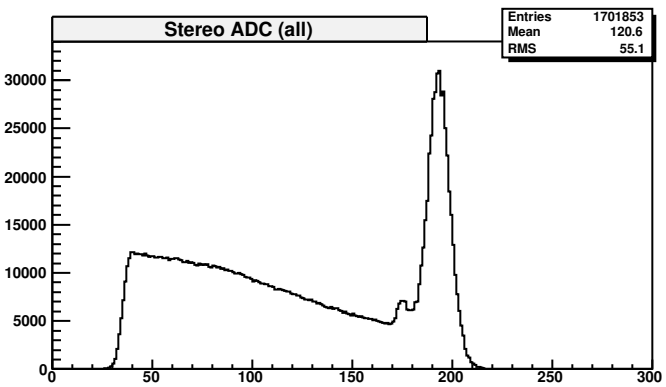


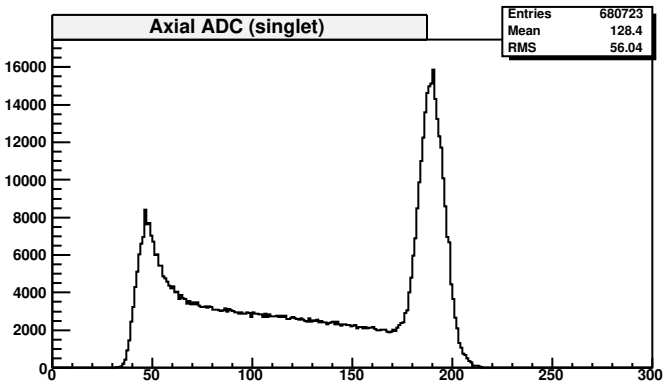


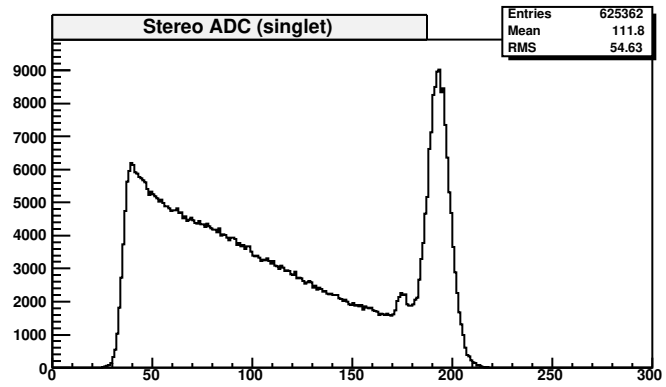


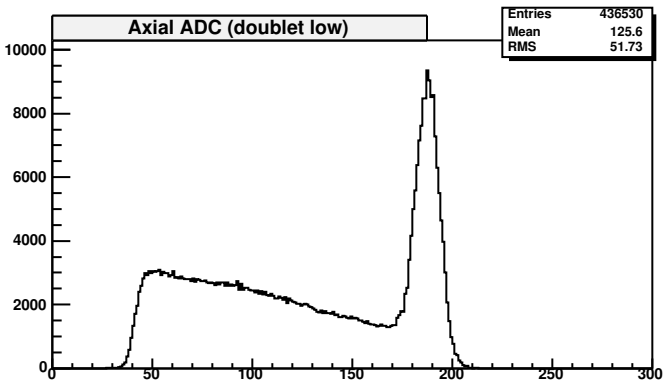
CFT Occupancy (All Clusters)

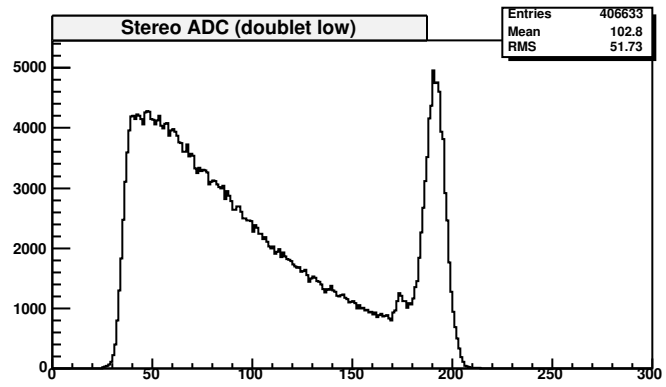


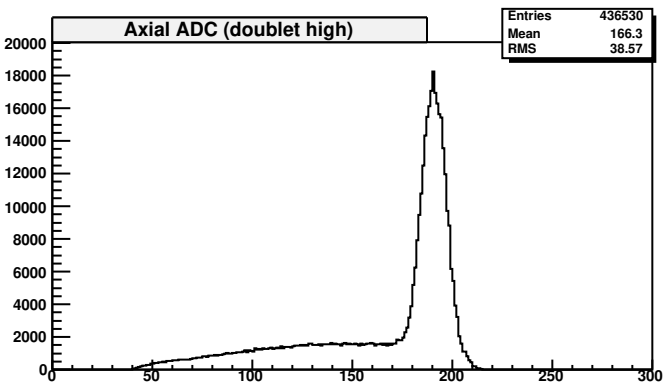


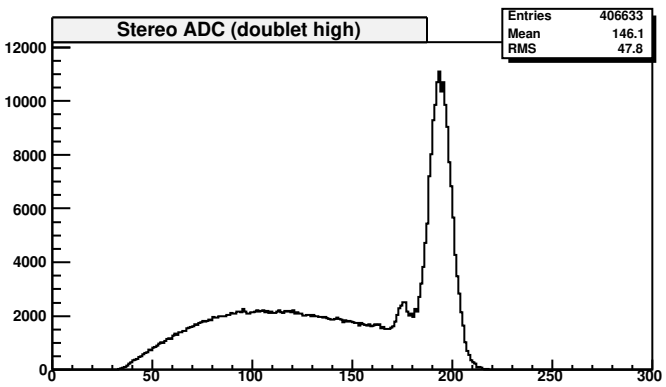




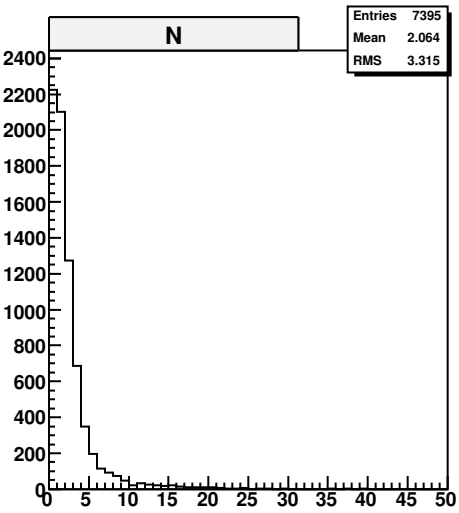


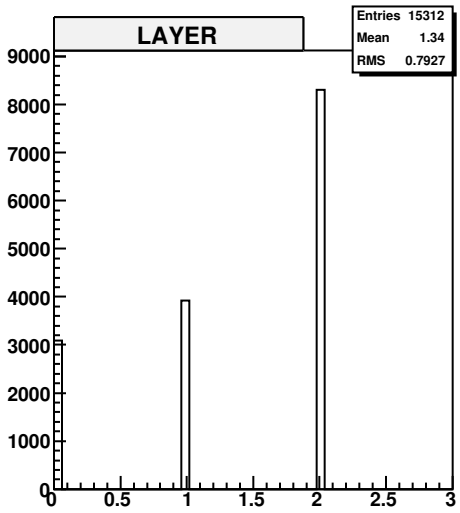


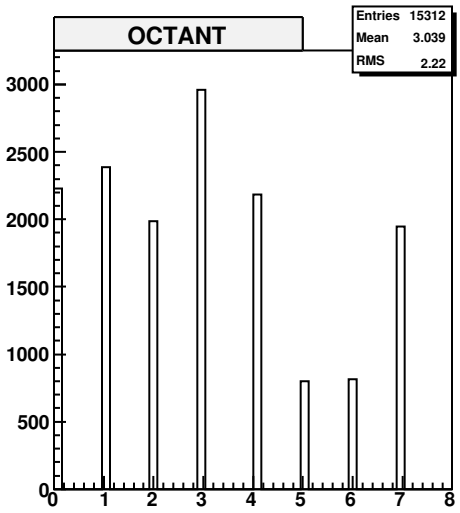


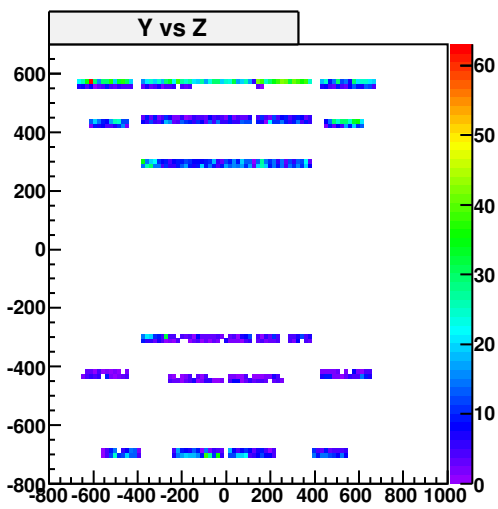


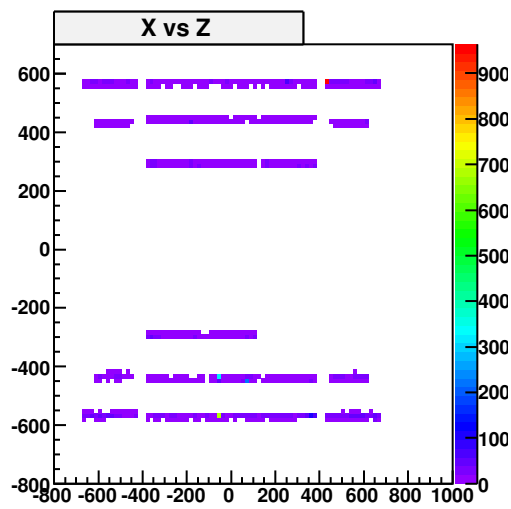
CFT ADC Summary (All Clusters)

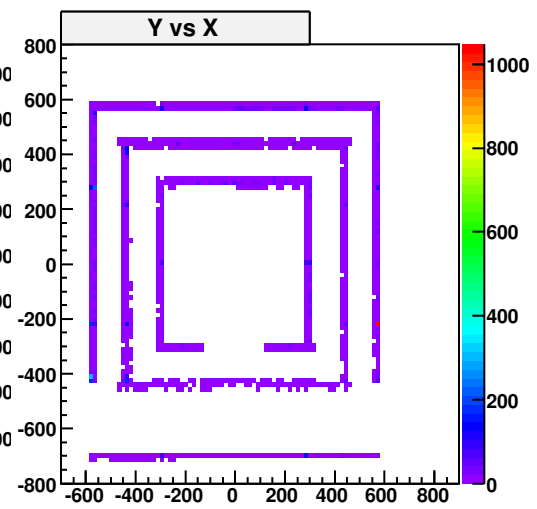

N
Entries 7395
Mean 2.064
RMS 3.315

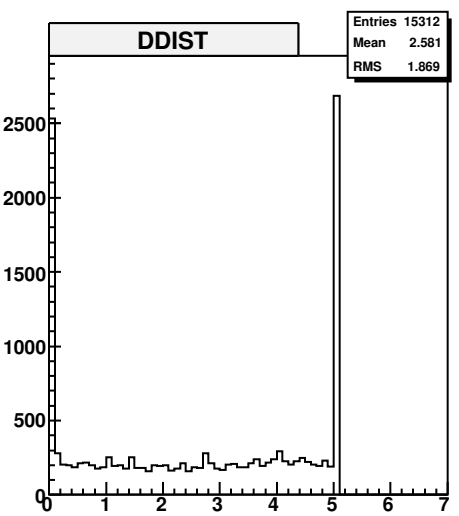

LAYER
Entries 15312
Mean 1.34
RMS 0.7927

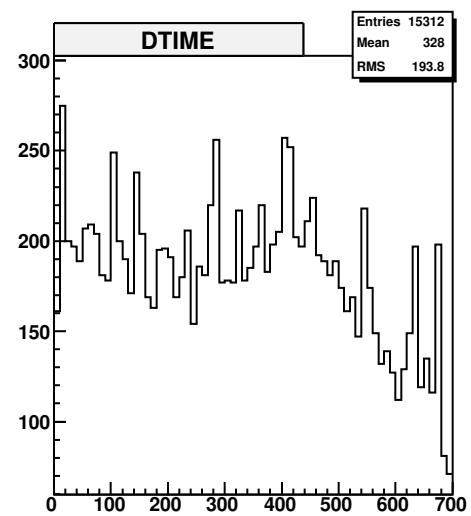

OCTANT
Entries 15312
Mean 3.039
RMS 2.22


Y vs Z

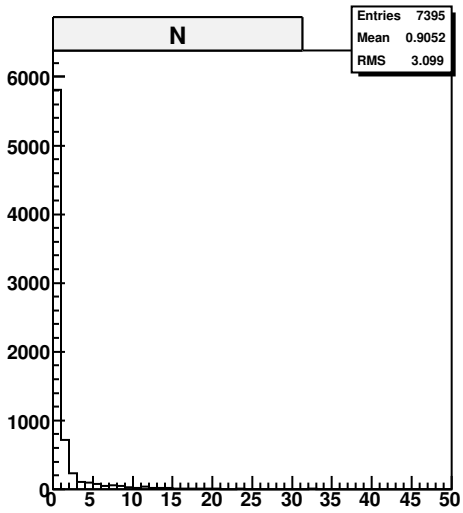

X vs Z

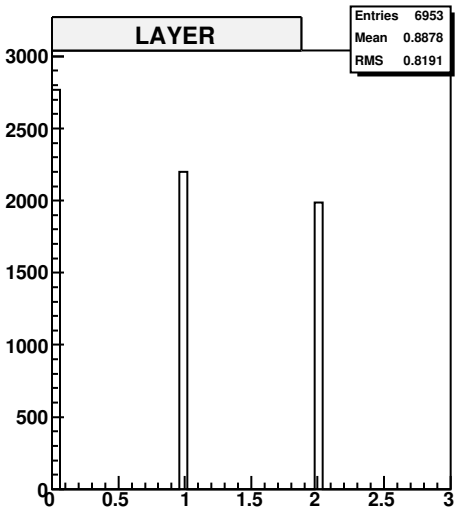

Y vs X

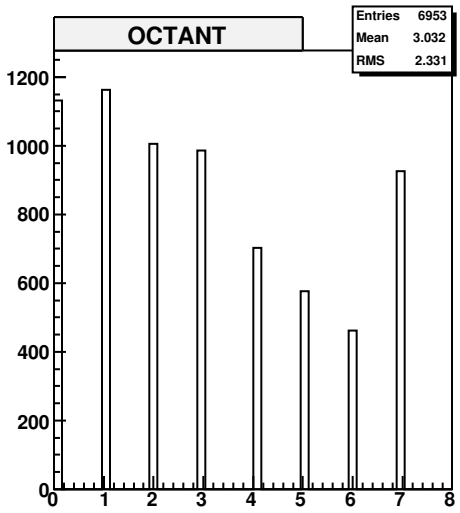

DDIST
Entries 15312
Mean 2.581
RMS 1.869

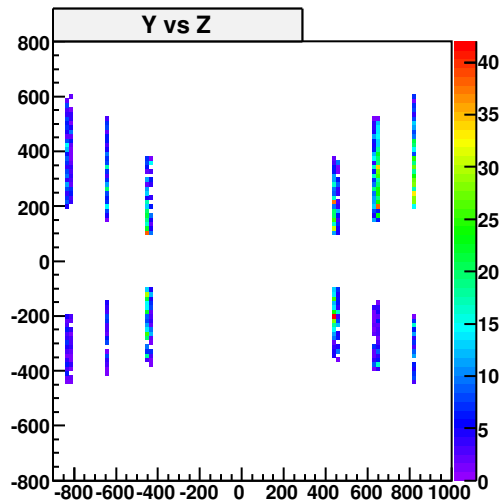

DTIME
Entries 15312
Mean 328
RMS 193.8

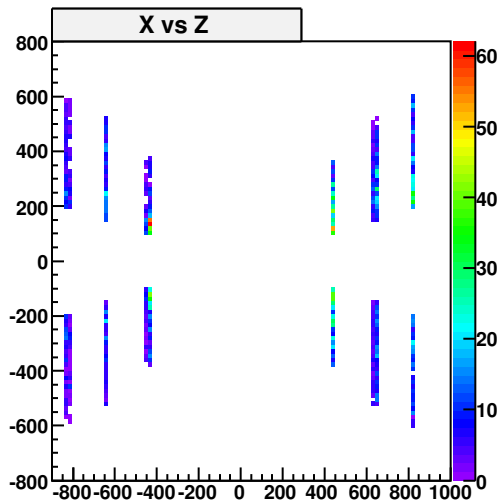
MuonPDT (All)

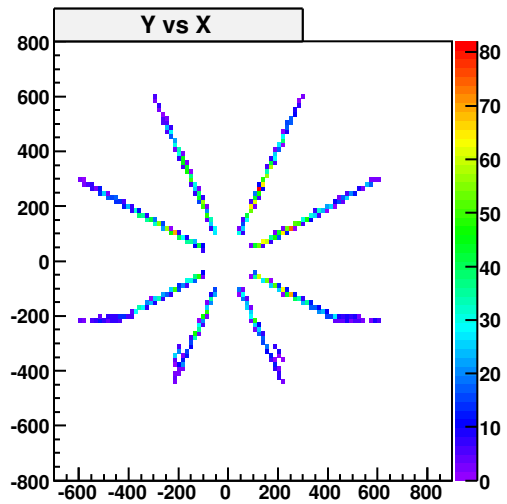

N
Entries 7395
Mean 0.9052
RMS 3.099

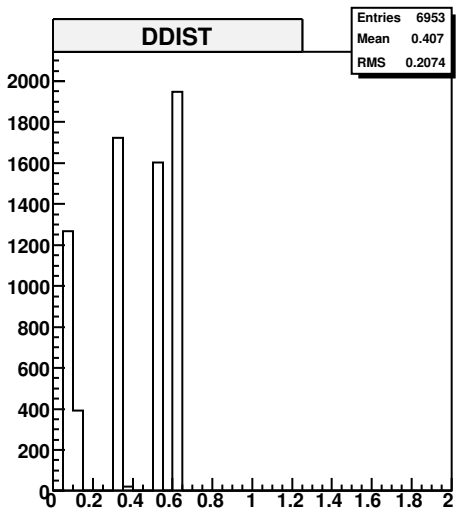

LAYER
Entries 6953
Mean 0.8878
RMS 0.8191

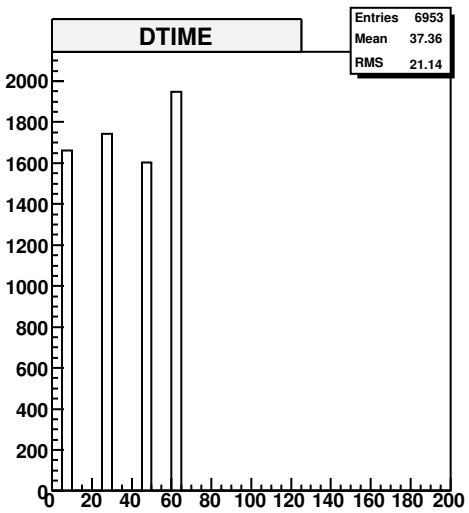

OCTANT
Entries 6953
Mean 3.032
RMS 2.331


Y vs Z

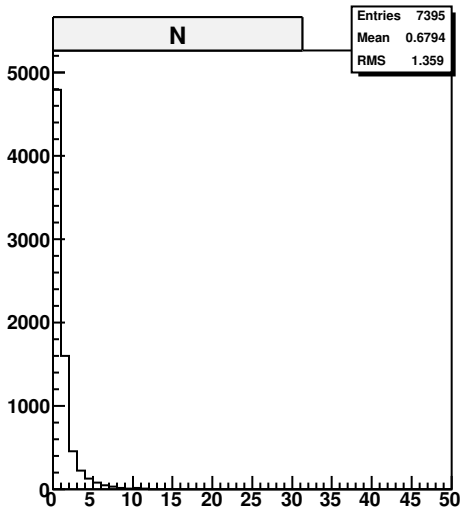

X vs Z

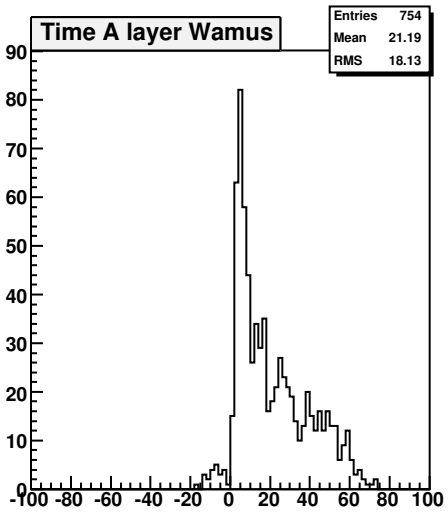

Y vs X

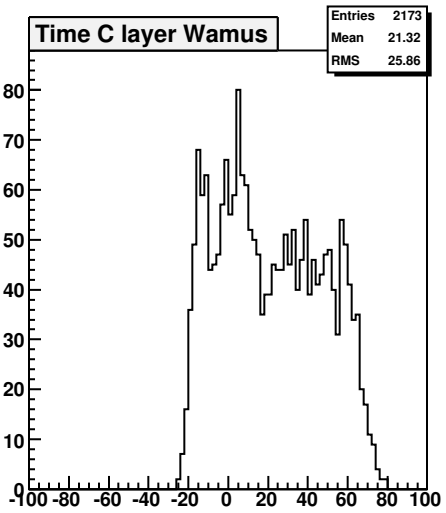

DDIST
Entries 6953
Mean 0.407
RMS 0.2074

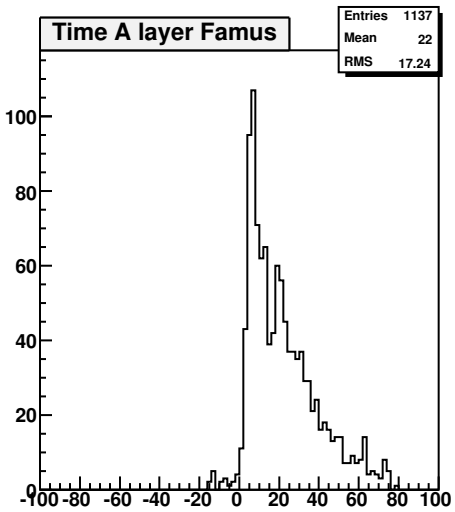

DTIME
Entries 6953
Mean 37.36
RMS 21.14

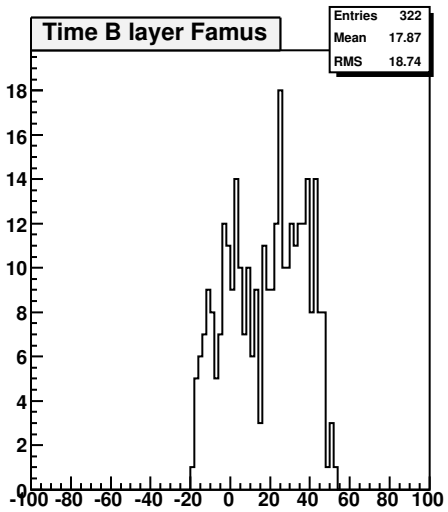
MuonMDT (All)

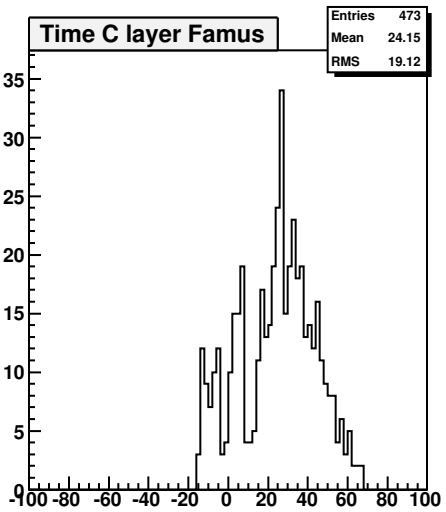

N
Entries 7395
Mean 0.6794
RMS 1.359

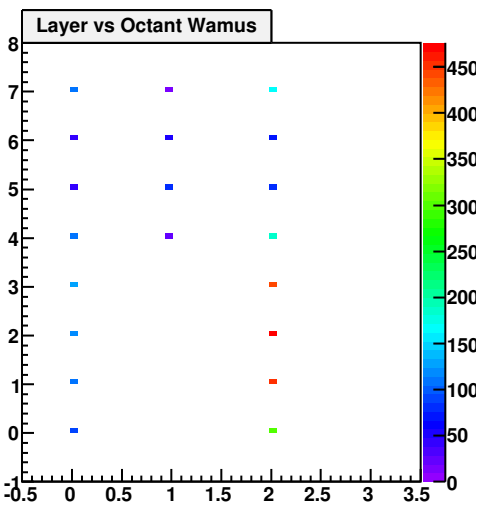

Time A layer Wamus
Entries 754
Mean 21.19
RMS 18.13

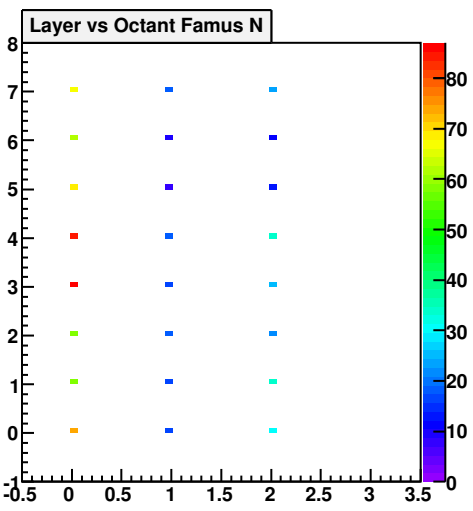

Time C layer Wamus
Entries 2173
Mean 21.32
RMS 25.86

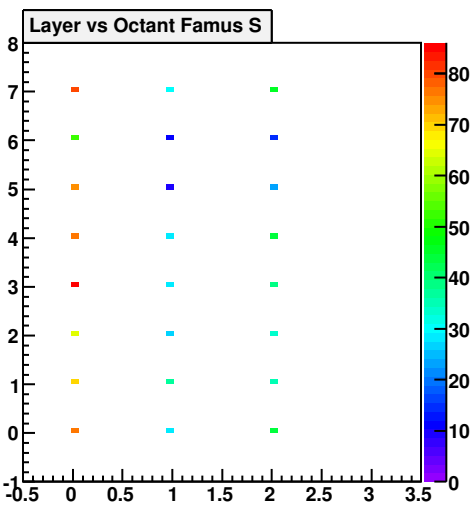

Time A layer Famus
Entries 1137
Mean 22
RMS 17.24


Time B layer Famus
Entries 322
Mean 17.87
RMS 18.74

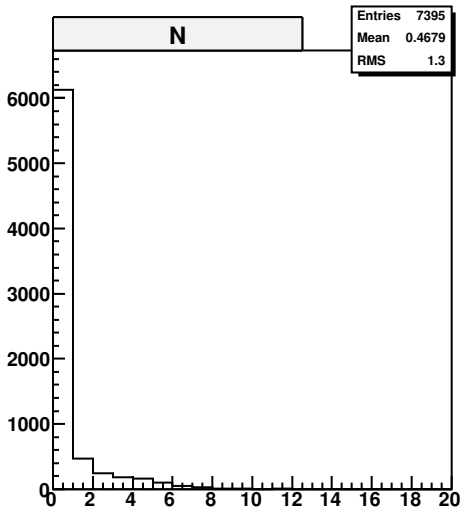

Time C layer Famus
Entries 473
Mean 24.15
RMS 19.12

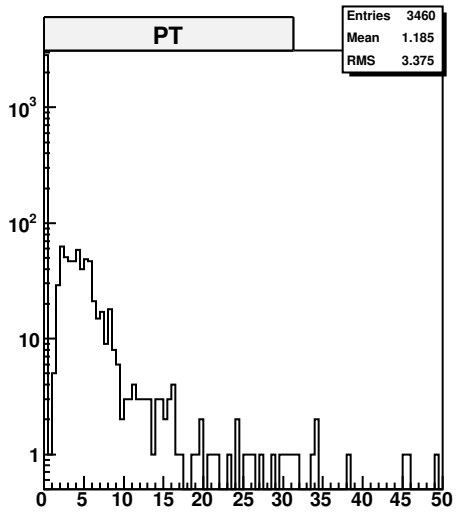

Layer vs Octant Wamus

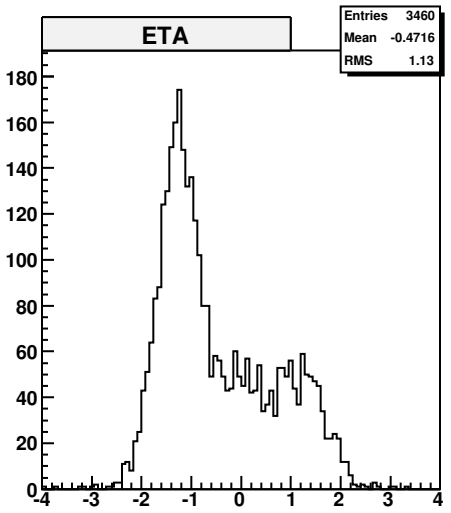

Layer vs Octant Famus N

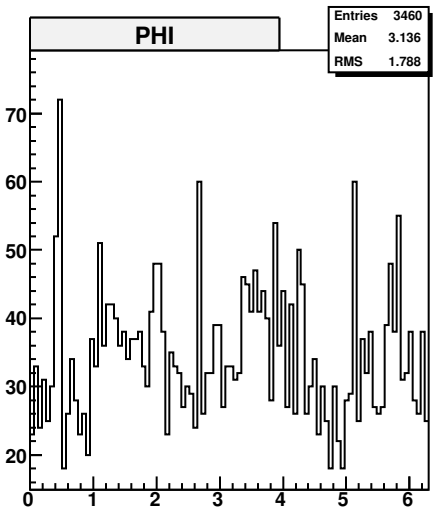

Layer vs Octant Famus S

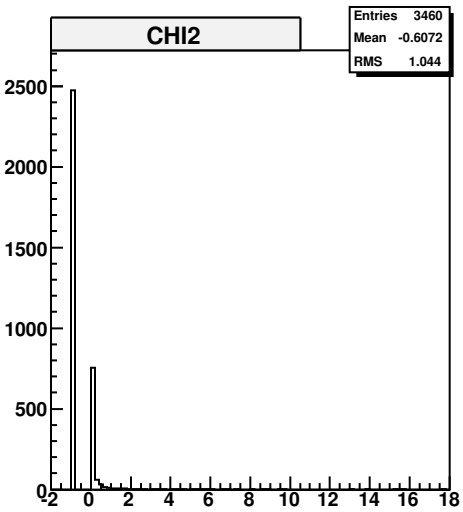
MuonMSC (All)

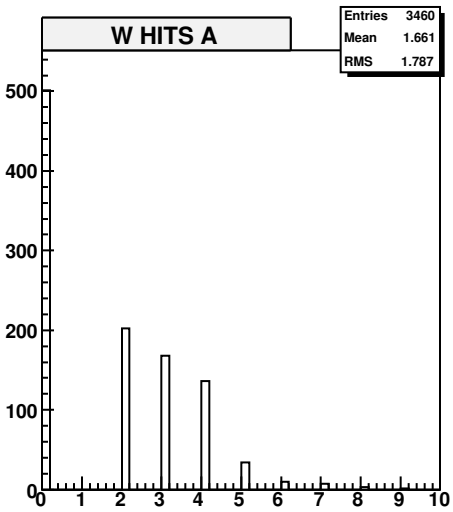


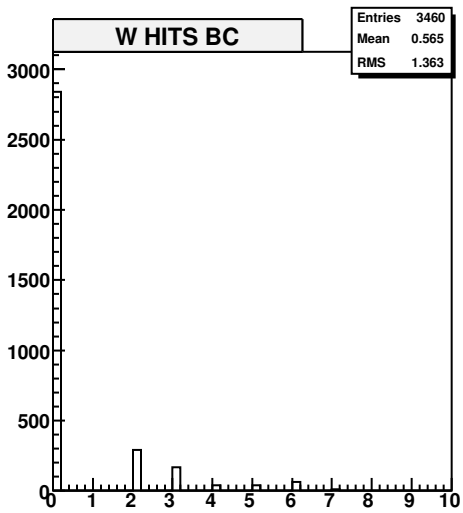


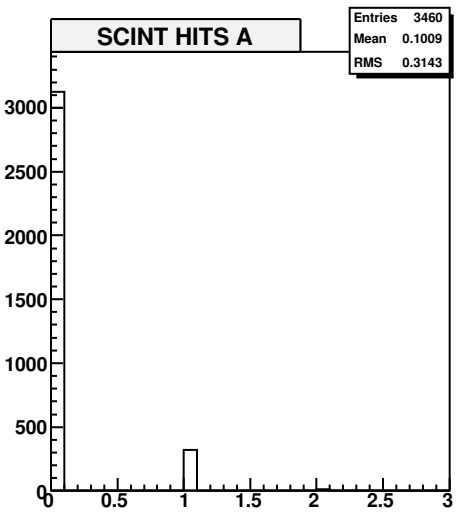


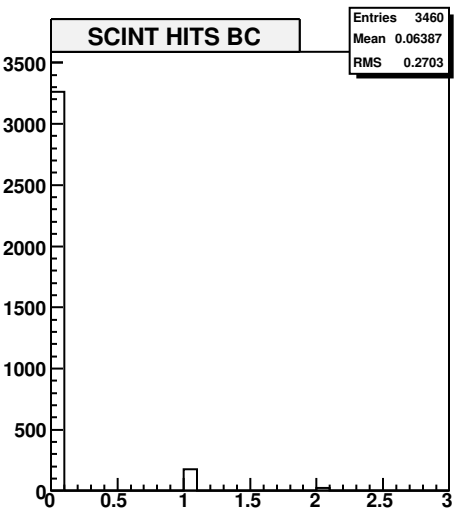




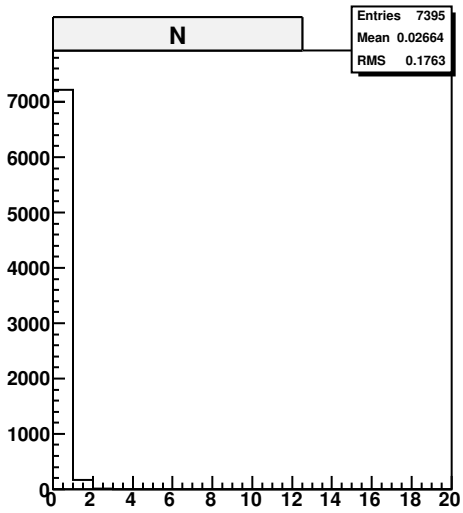


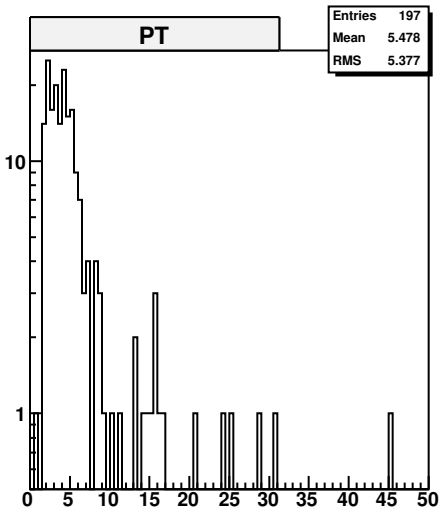


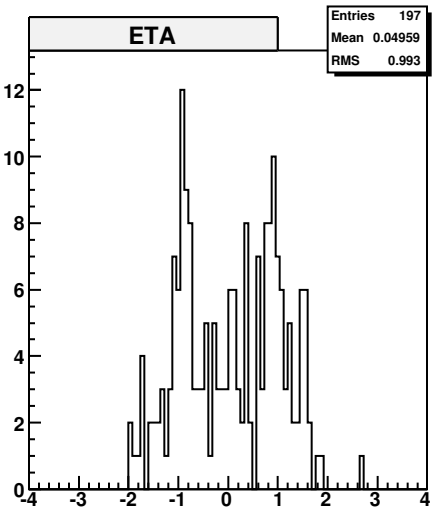


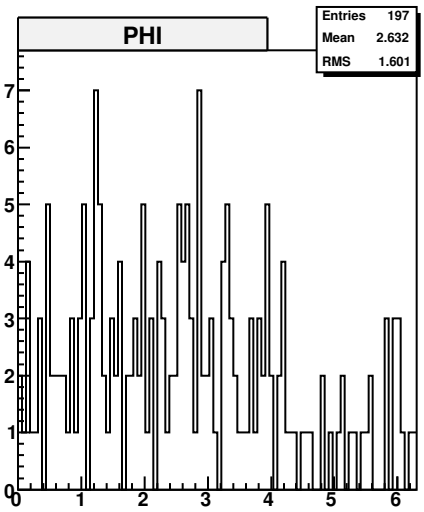


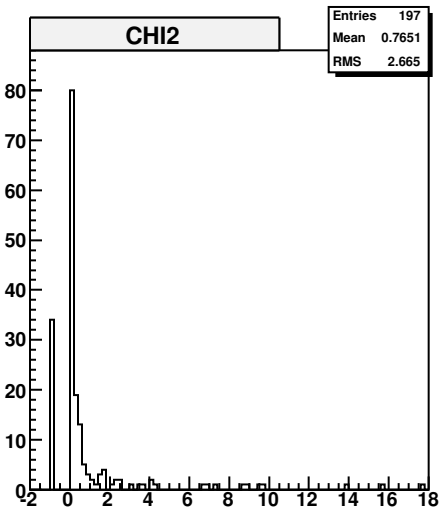
Muon Local Tracks (All)

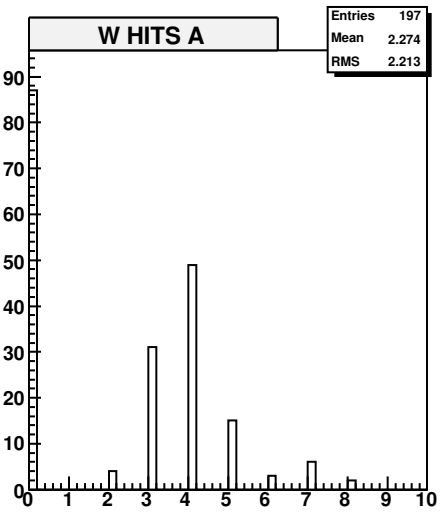


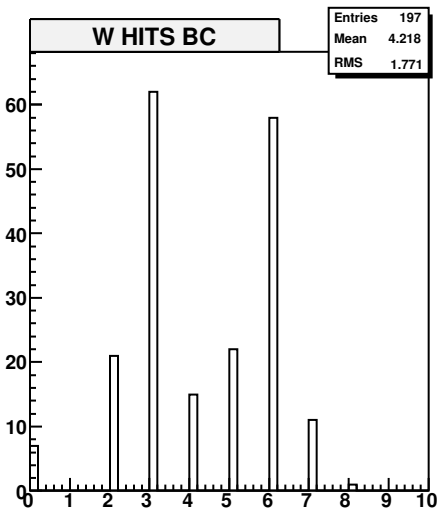


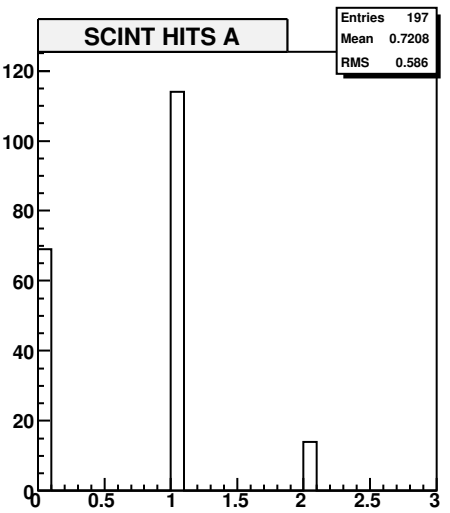


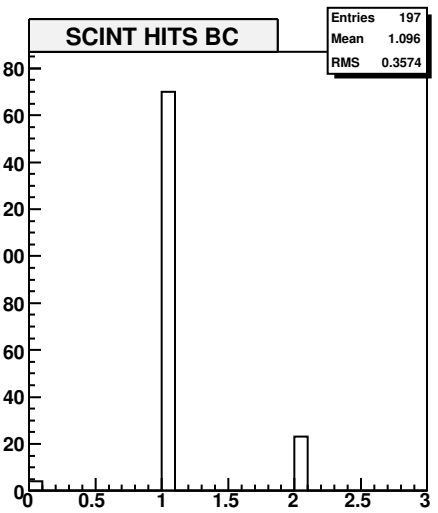




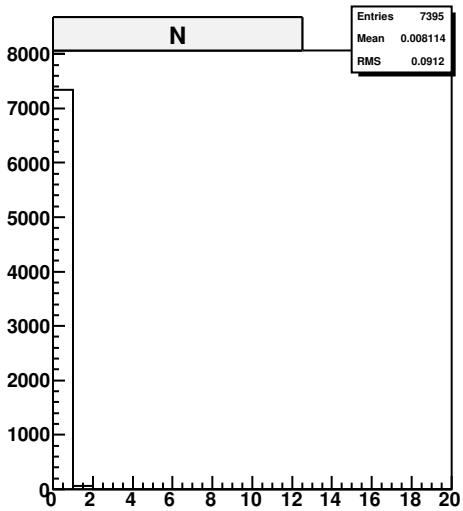


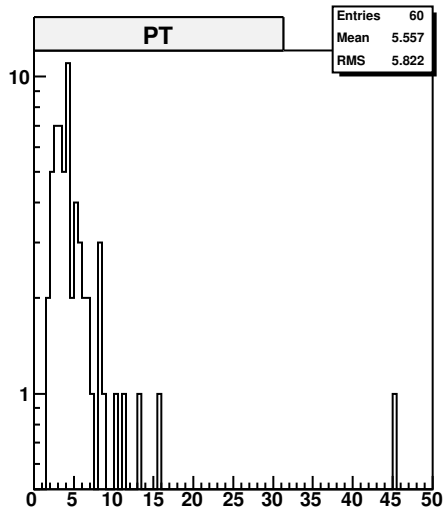


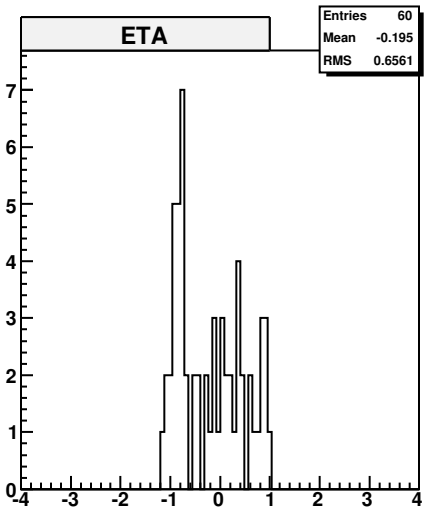


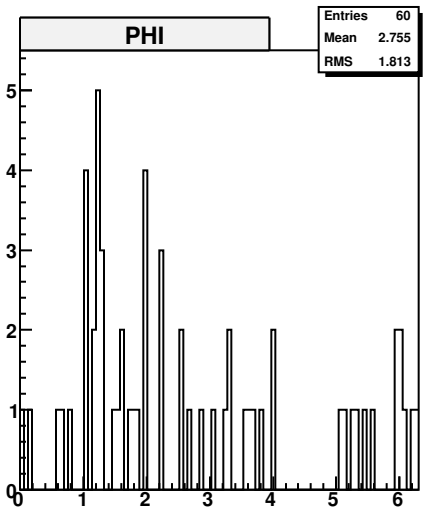


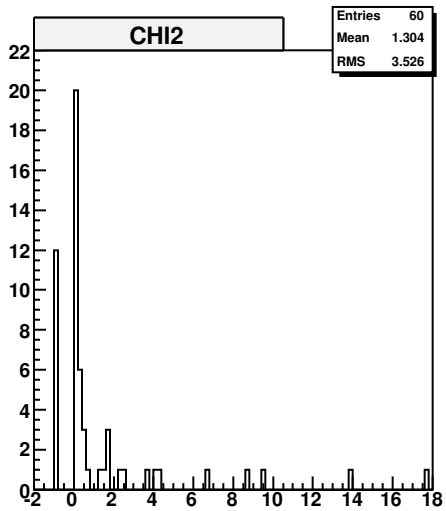
Muon Local Tracks (LooseWamus)

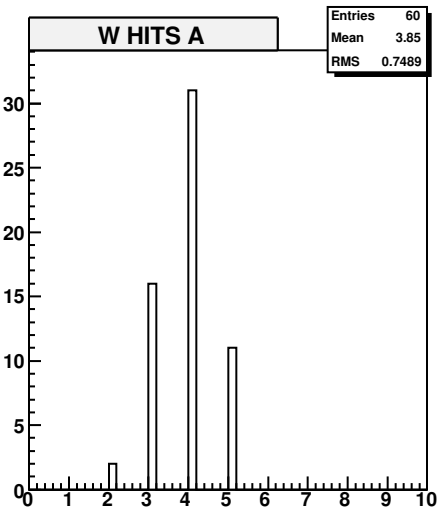


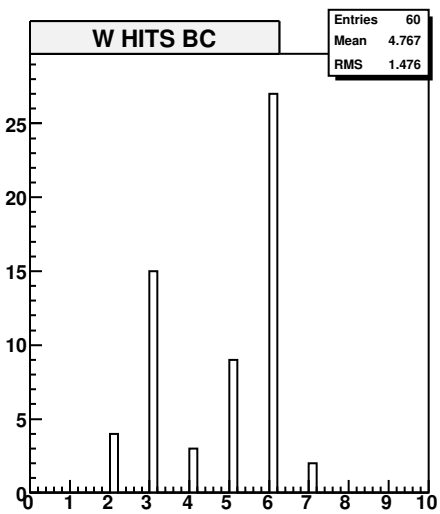


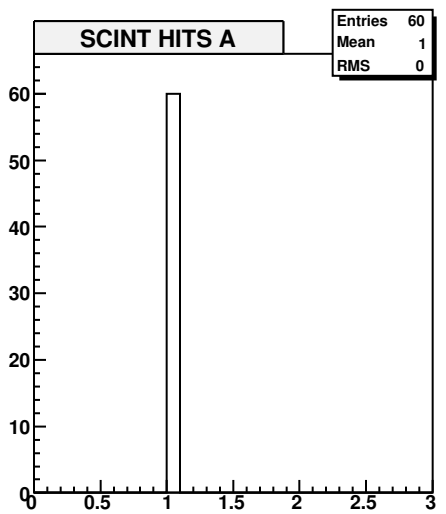


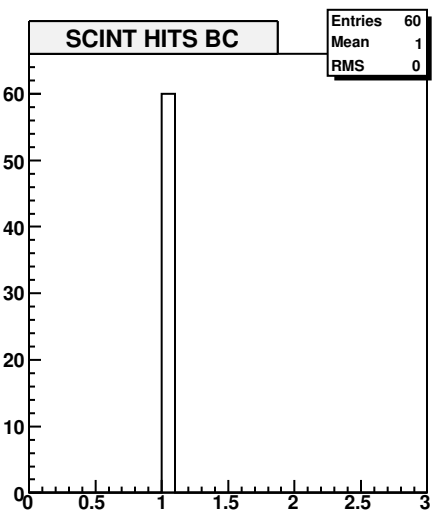




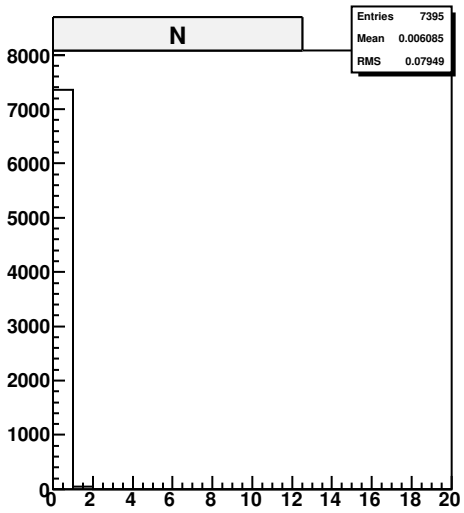


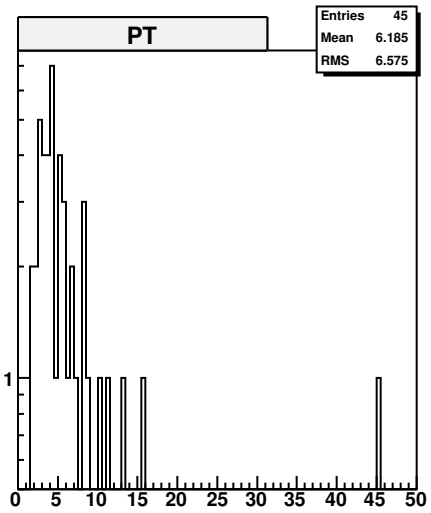


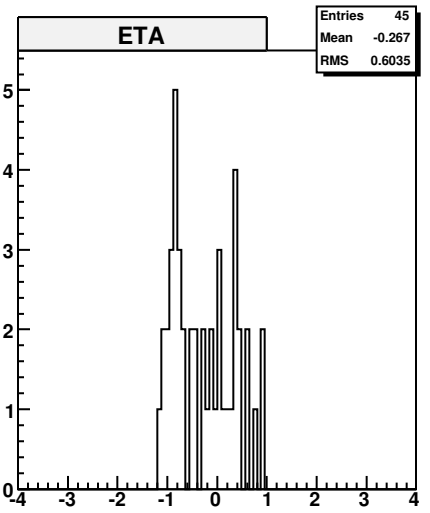


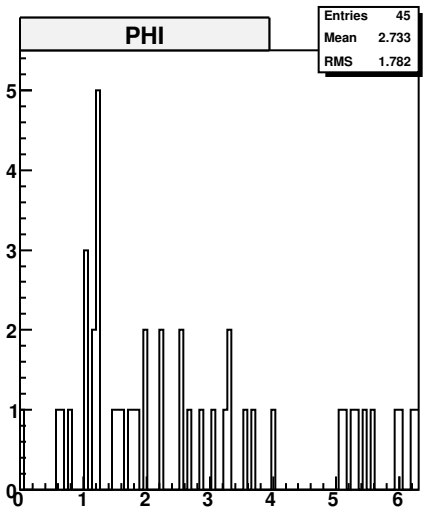


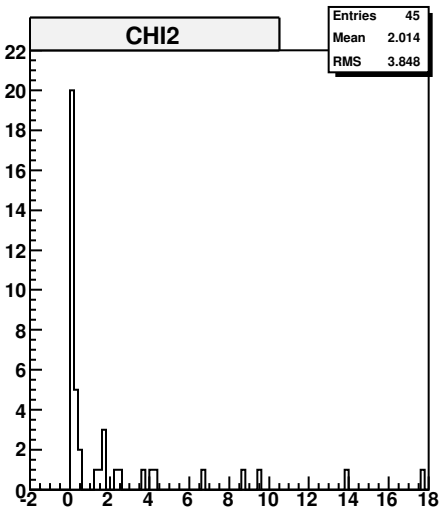
Muon Local Tracks (MediumWamus)

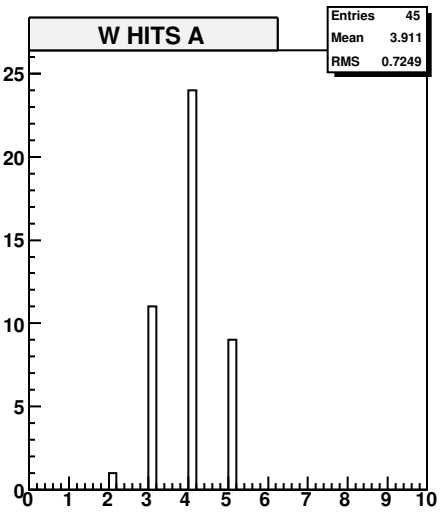


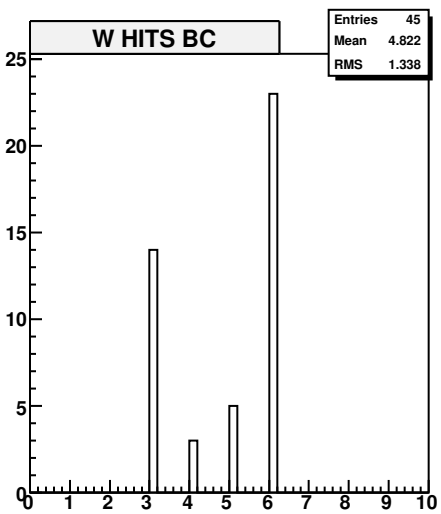


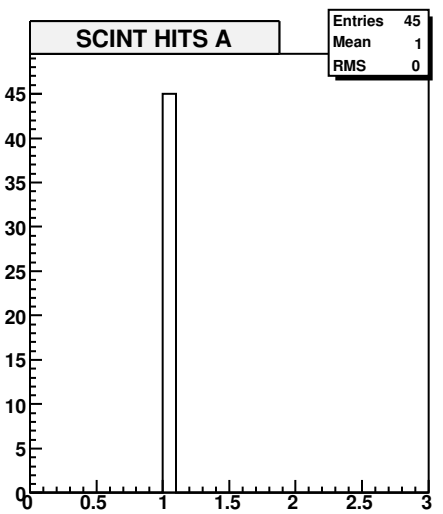


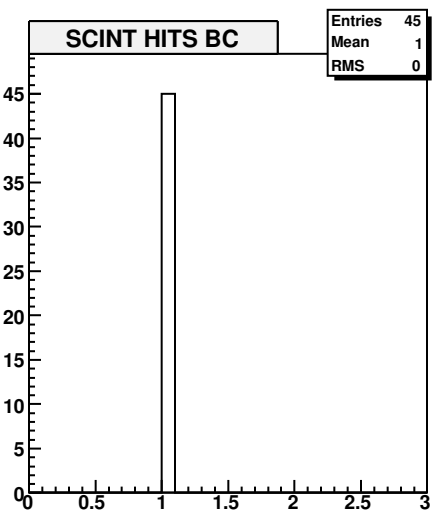




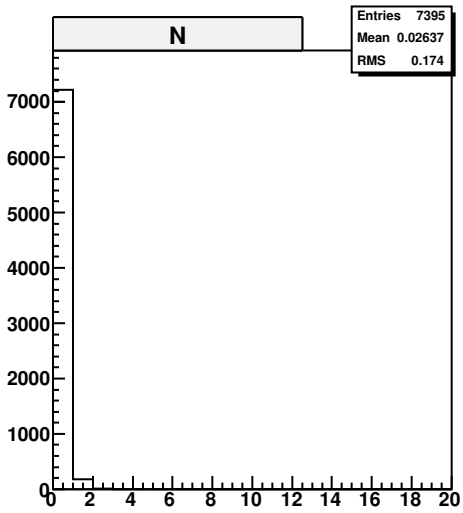


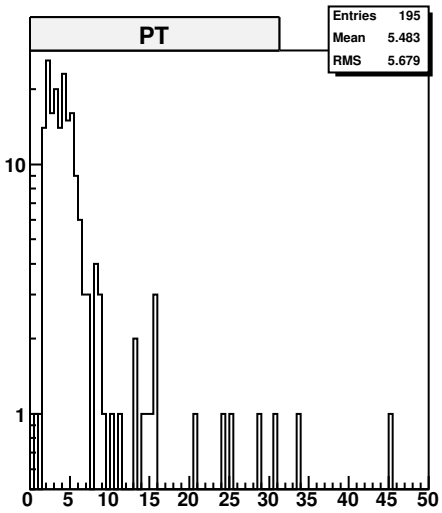


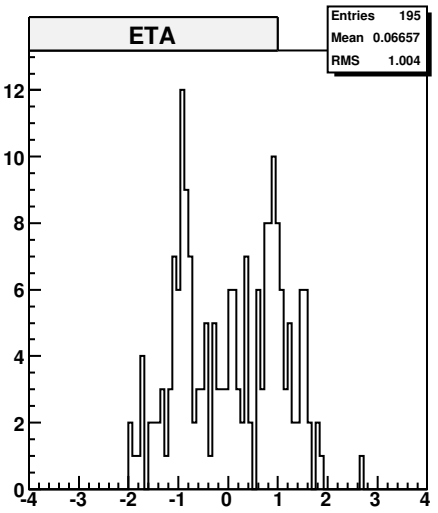


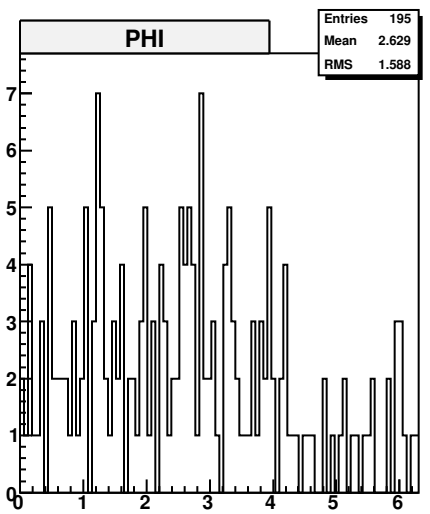


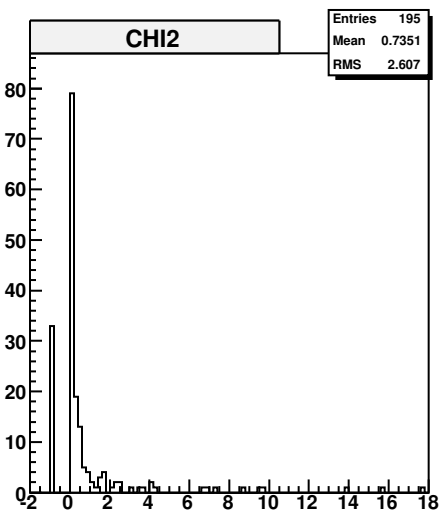
Muon Local Tracks (TightWamus)

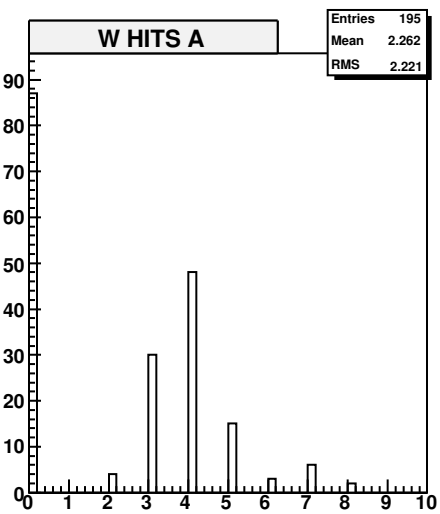


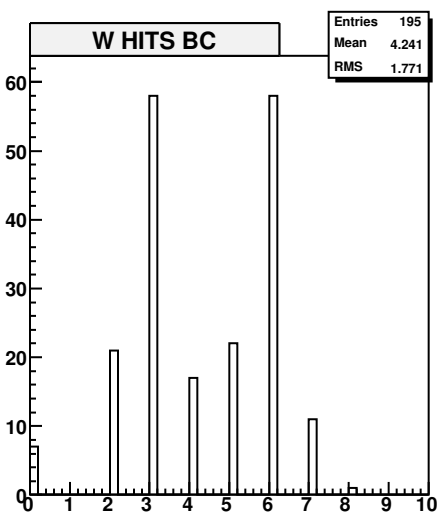


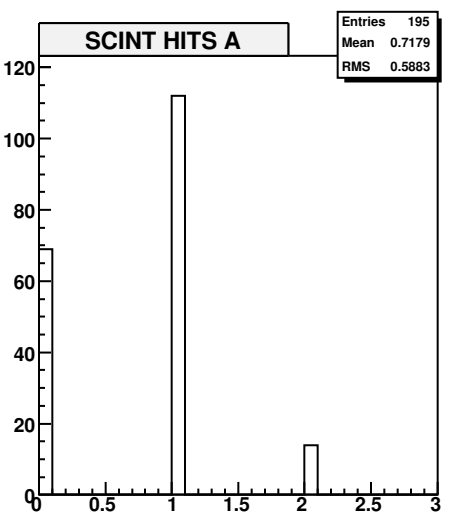


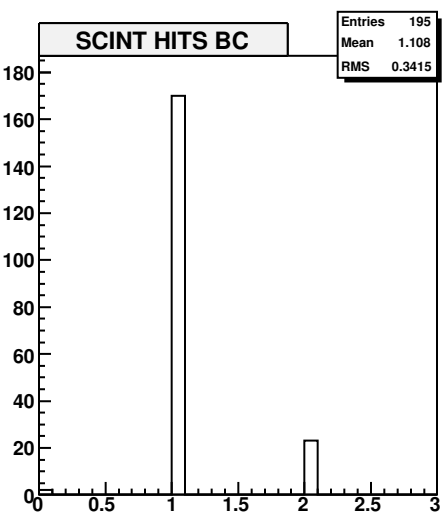




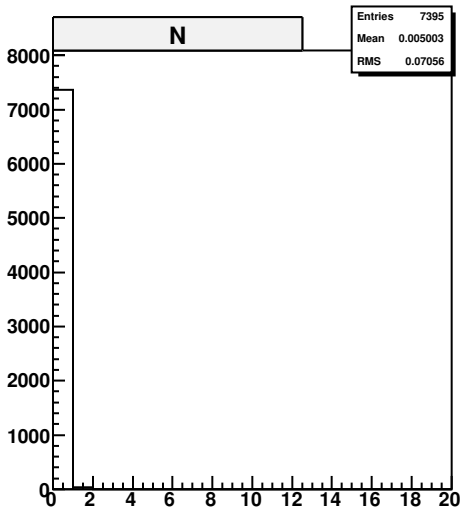


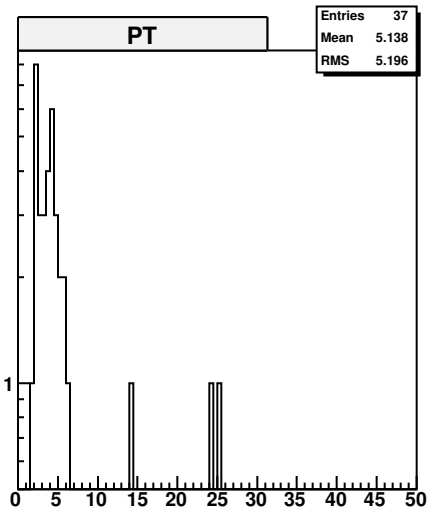


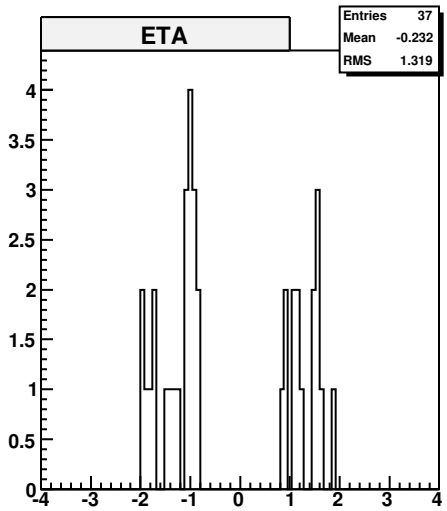


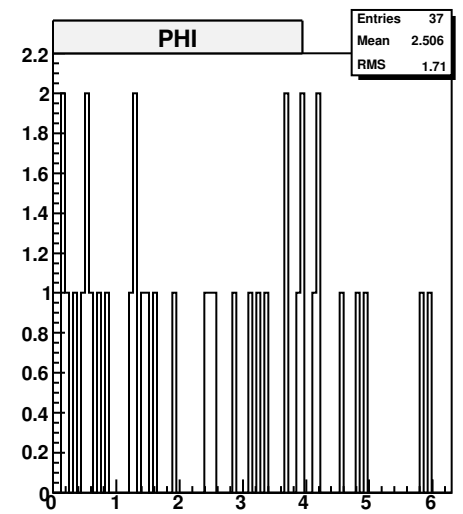


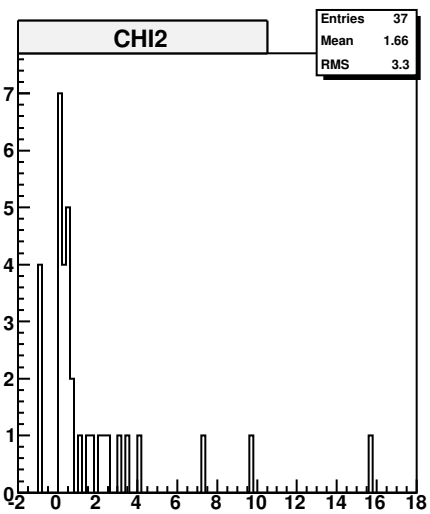
Muon Local Tracks (LooseFamus)

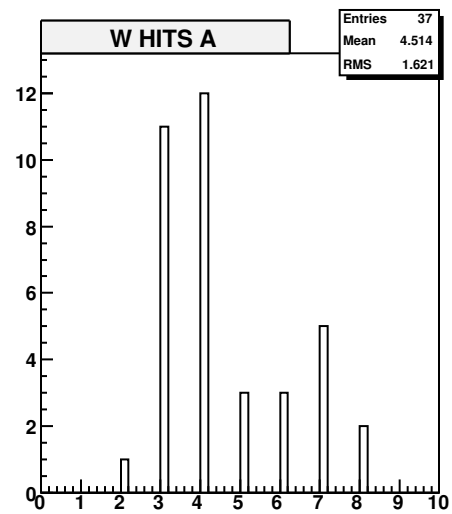


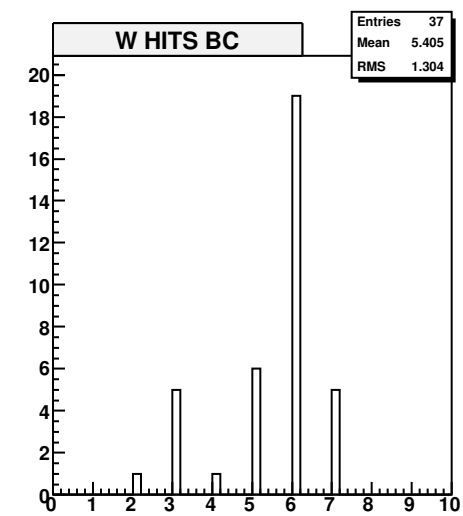


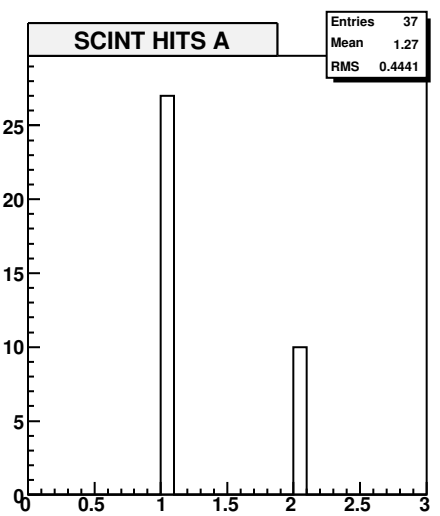


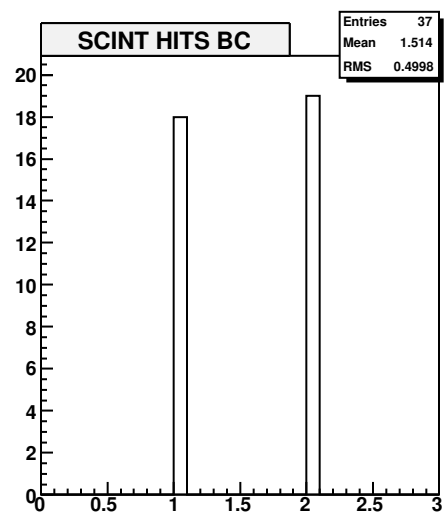




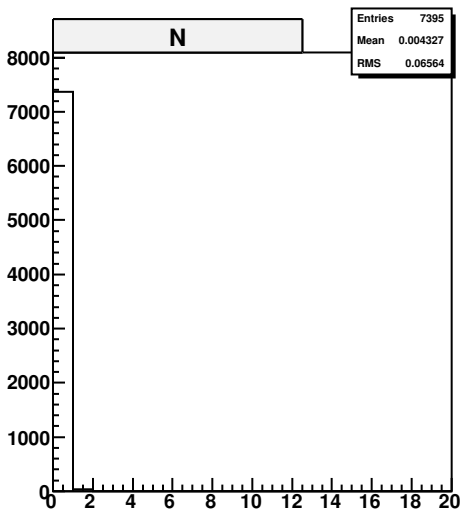


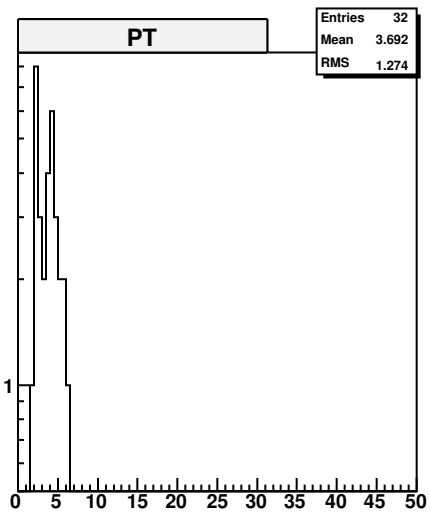


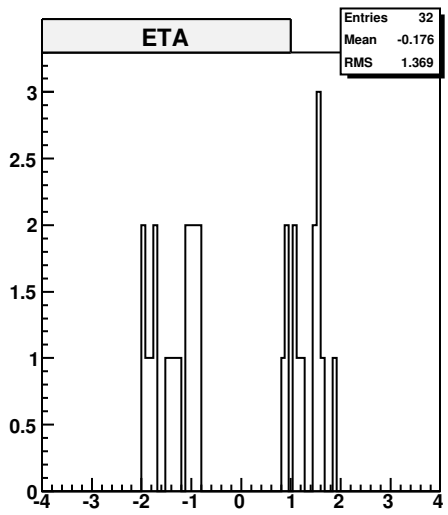


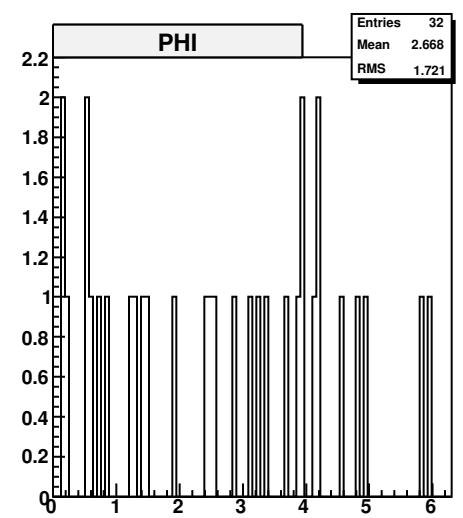


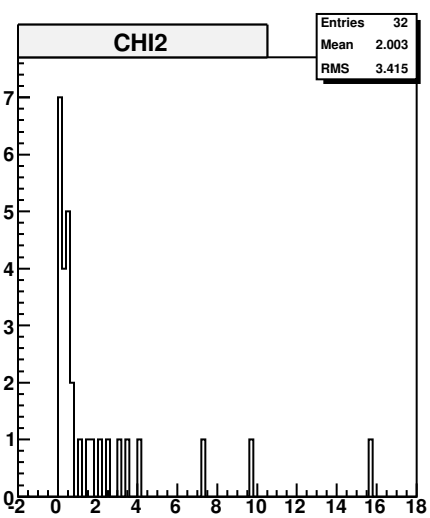
Muon Local Tracks (MediumFamus)

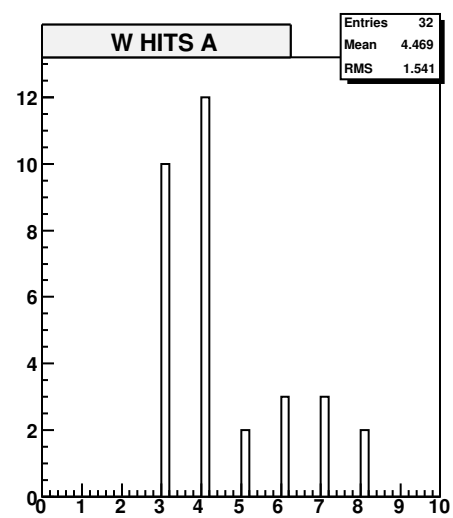


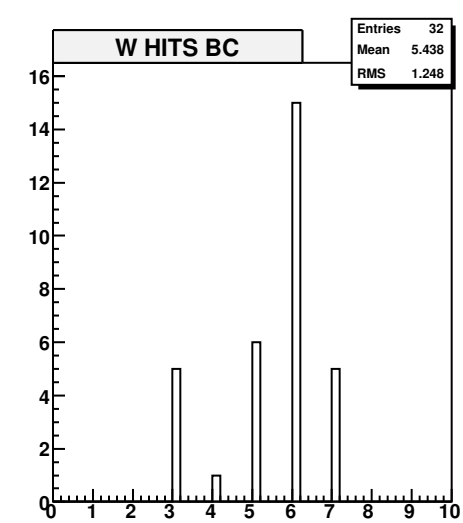


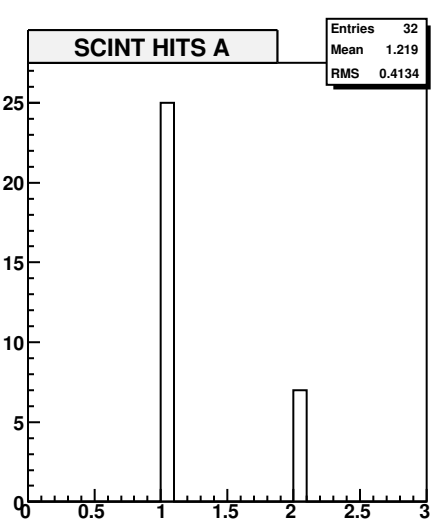


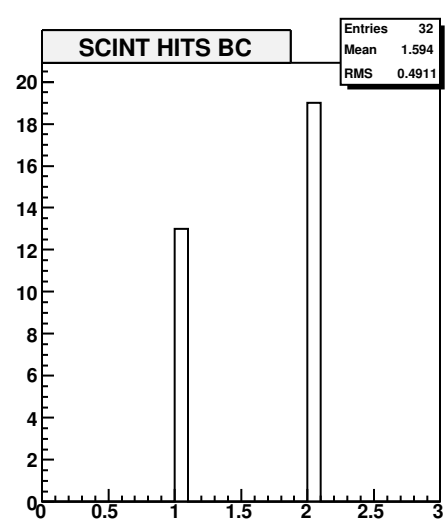




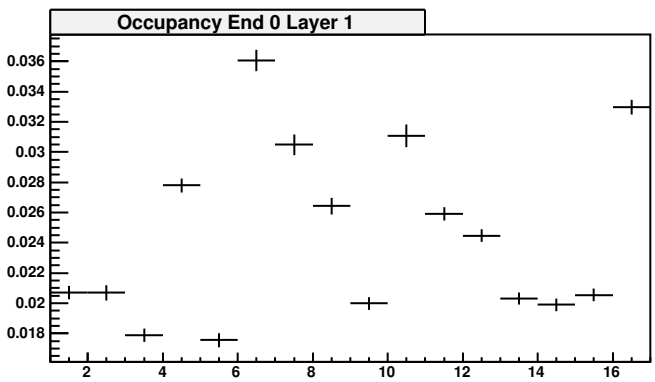


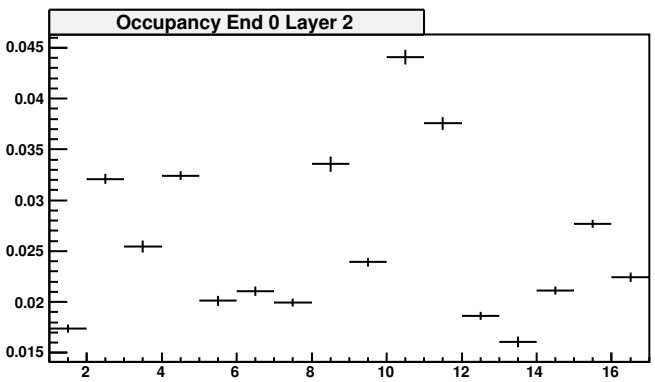


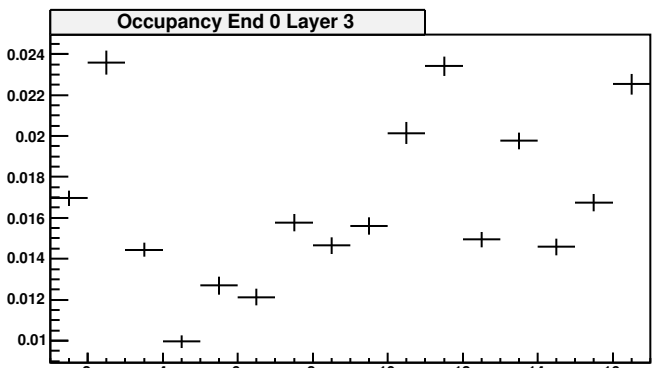


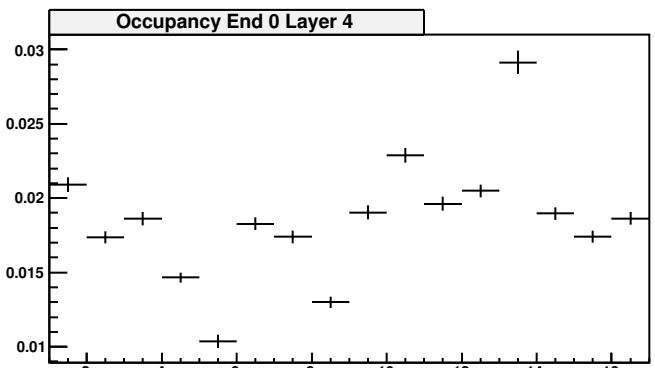


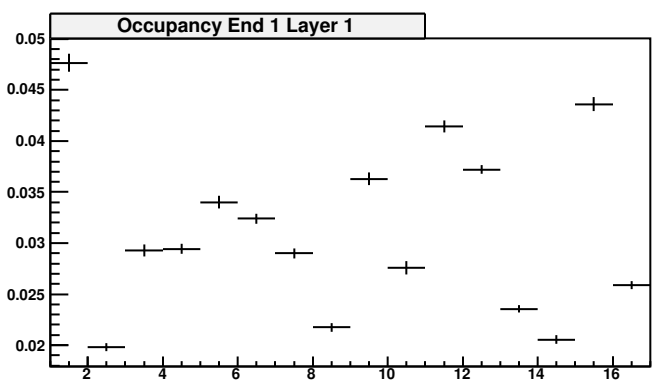
Muon Local Tracks (TightFamus)

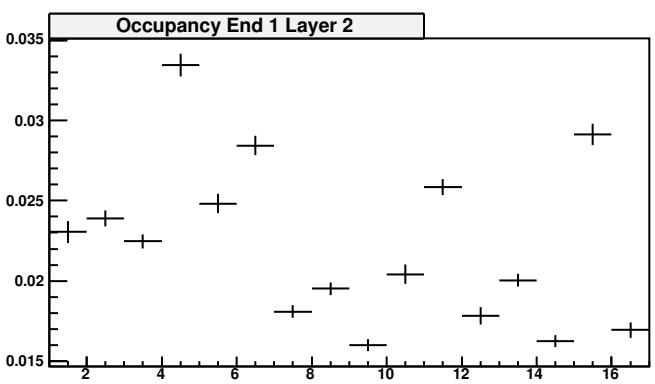


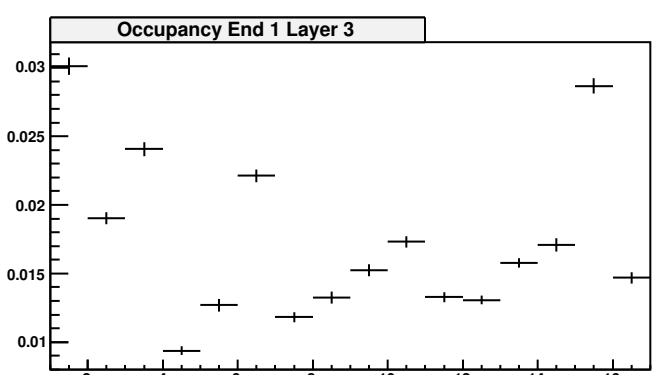


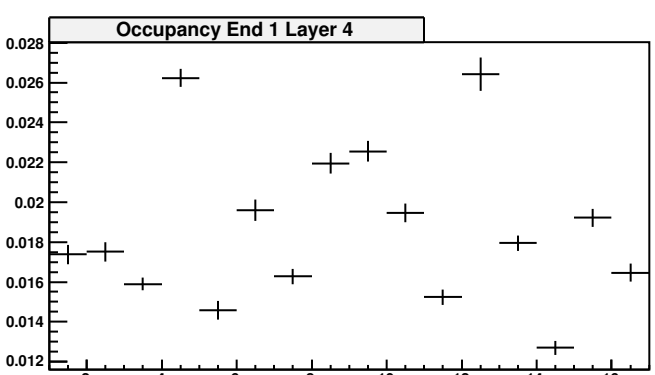




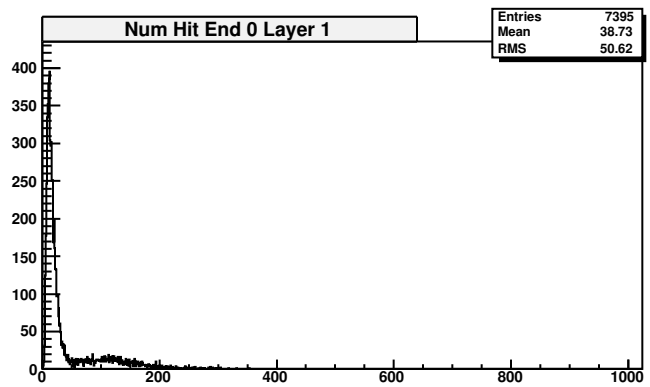


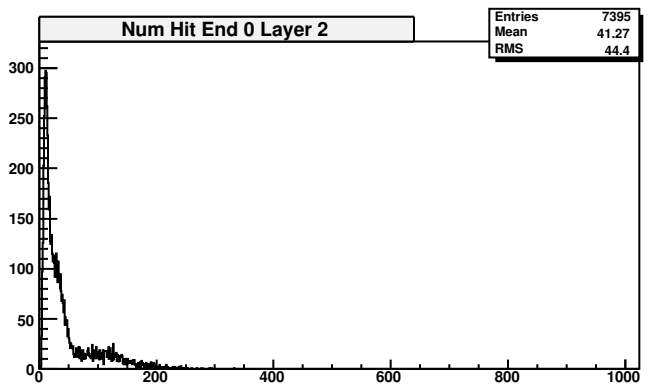


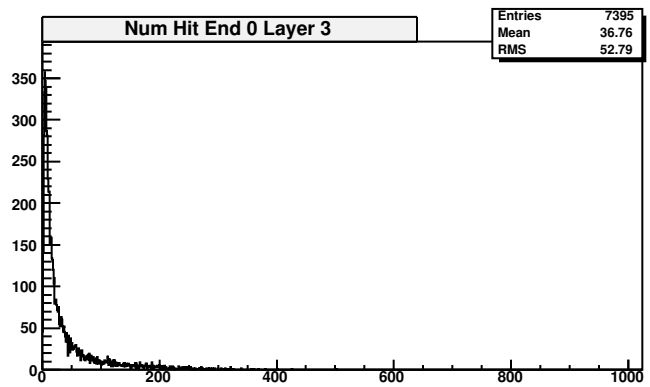


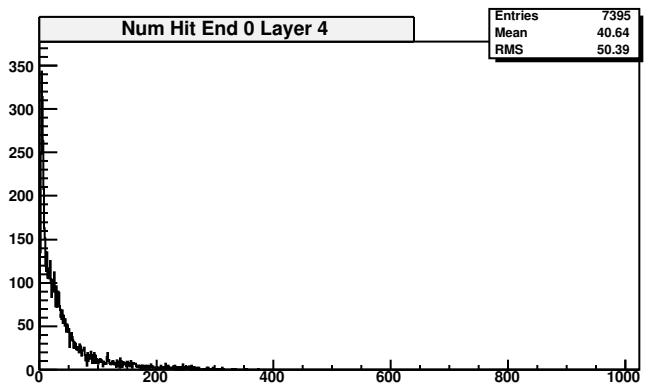


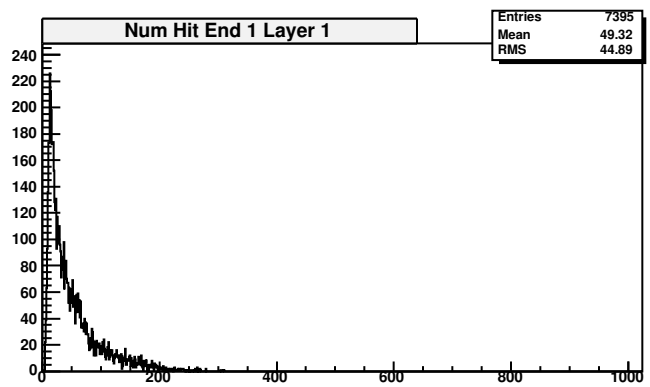
FPS Hit Occupancy (All)

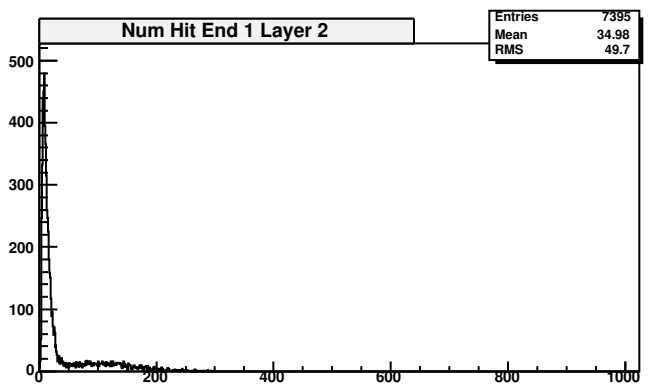


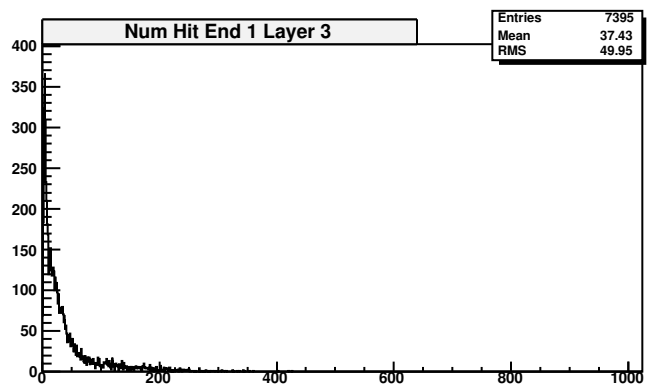


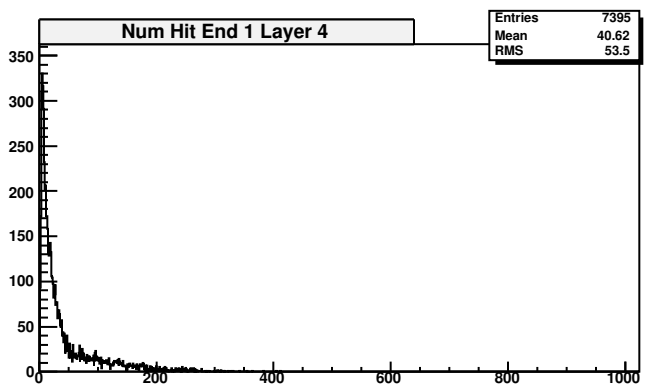




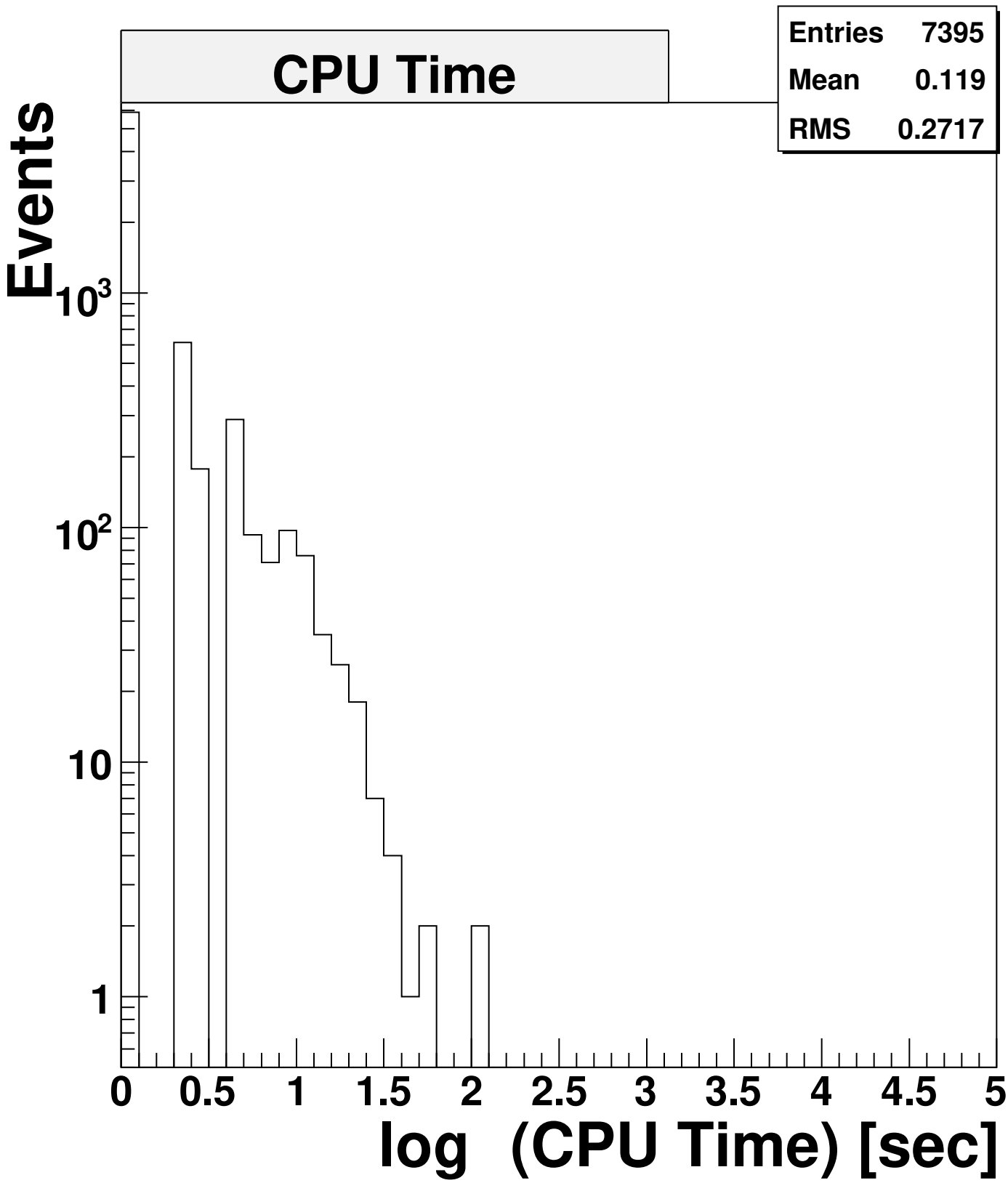








FPS Number of Hits (All)



RECO Performance (Timing)