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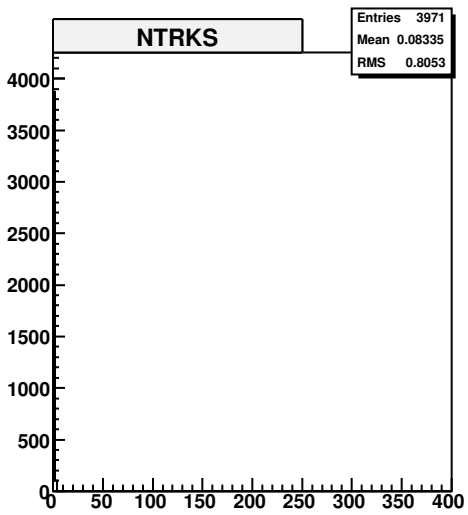
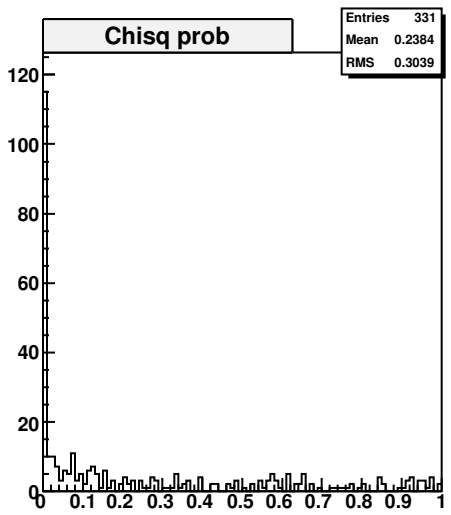
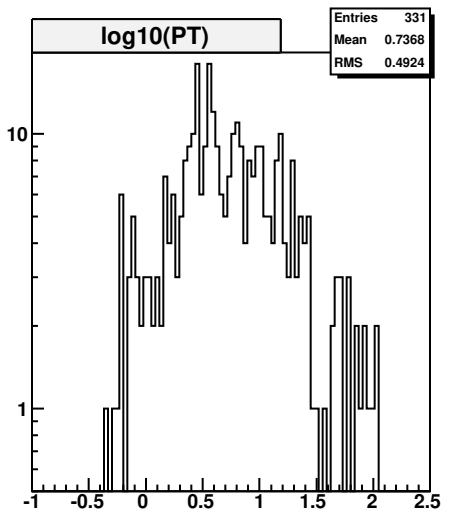
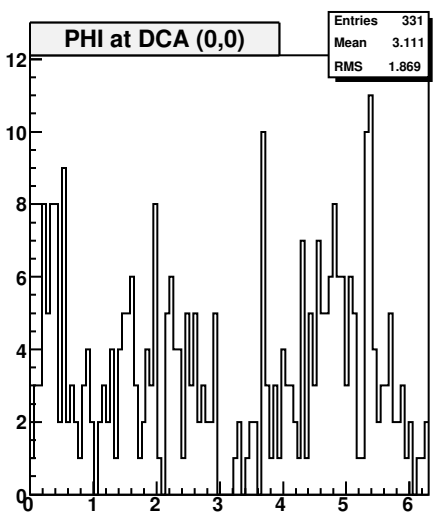
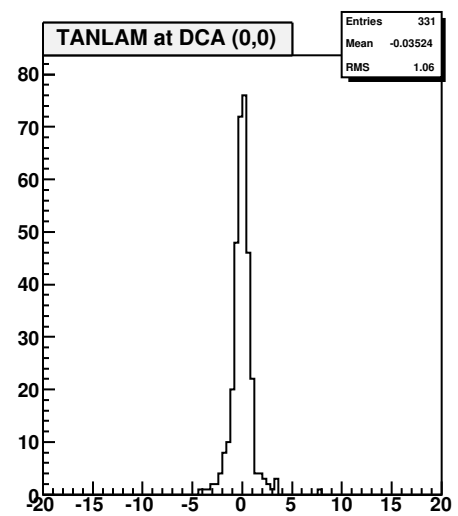
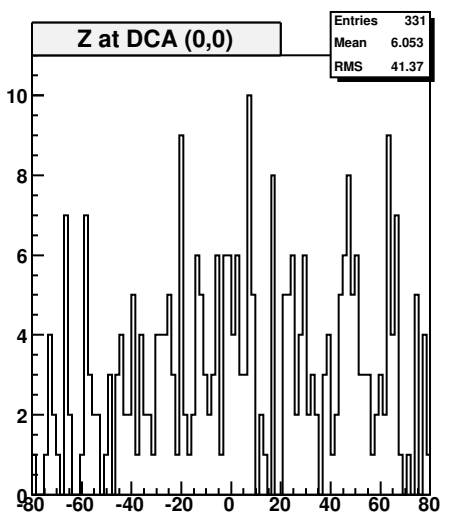

NTRKS
Entries 3971
Mean 0.08335
RMS 0.8053

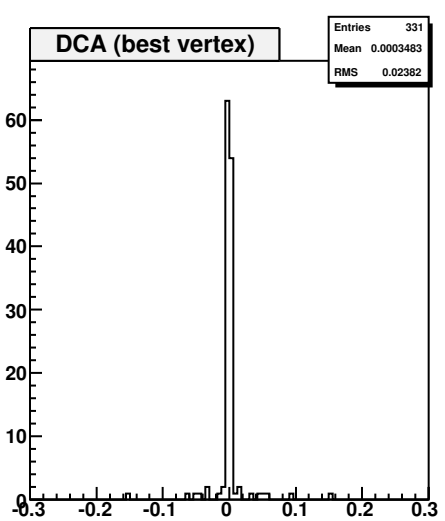

Chisq prob
Entries 331
Mean 0.2384
RMS 0.3039

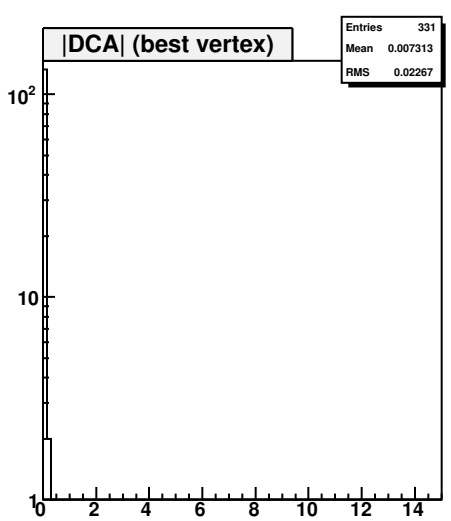

log10(PT)
Entries 331
Mean 0.7368
RMS 0.4924

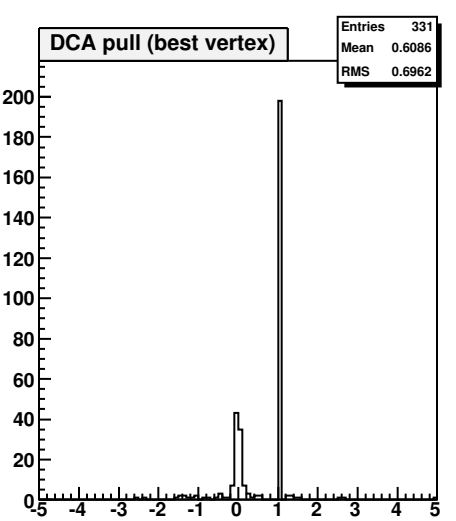

PHI at DCA (0,0)
Entries 331
Mean 3.111
RMS 1.869


TANLAM at DCA (0,0)
Entries 331
Mean -0.03524
RMS 1.06

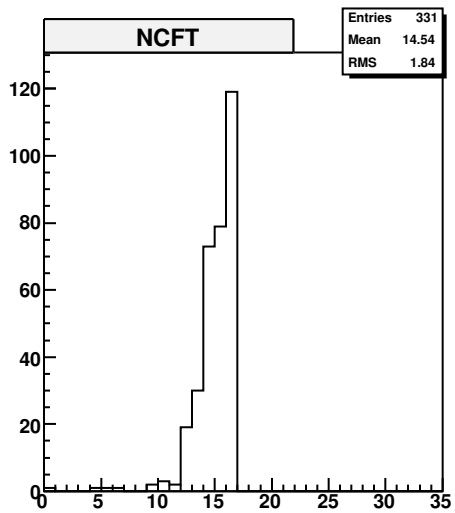

Z at DCA (0,0)
Entries 331
Mean 6.053
RMS 41.37

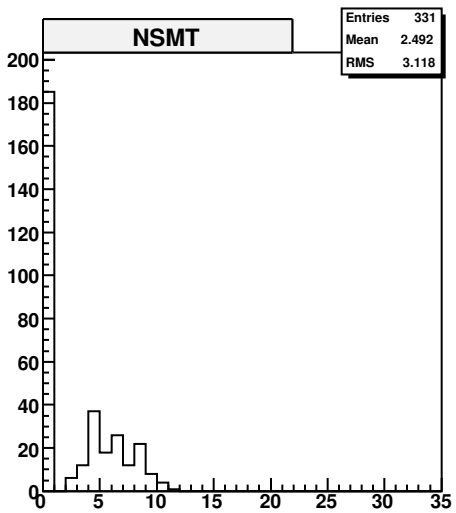

DCA (best vertex)
Entries 331
Mean 0.0003483
RMS 0.02382

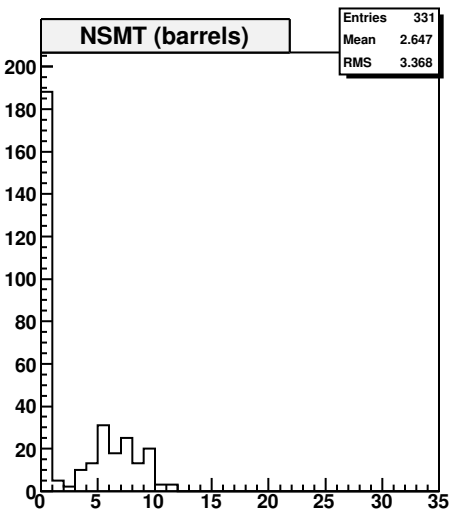

|DCA| (best vertex)
Entries 331
Mean 0.007313
RMS 0.02267

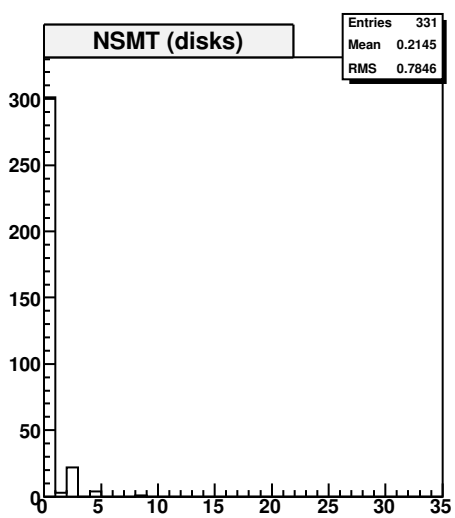

DCA pull (best vertex)
Entries 331
Mean 0.6086
RMS 0.6962

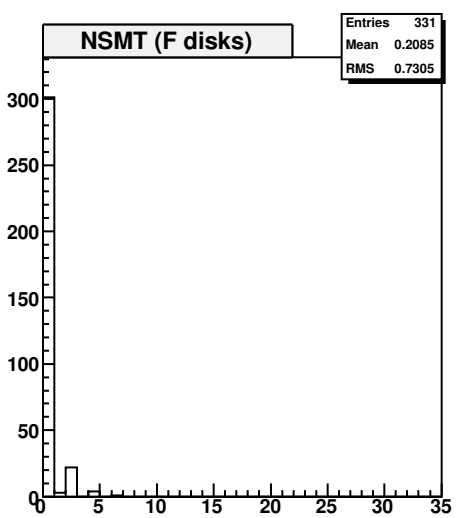
Tracks (All)

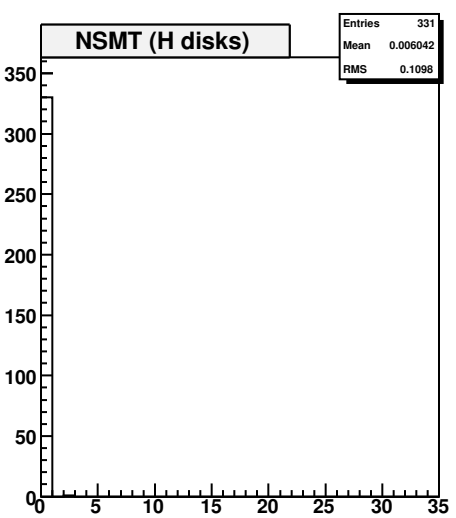


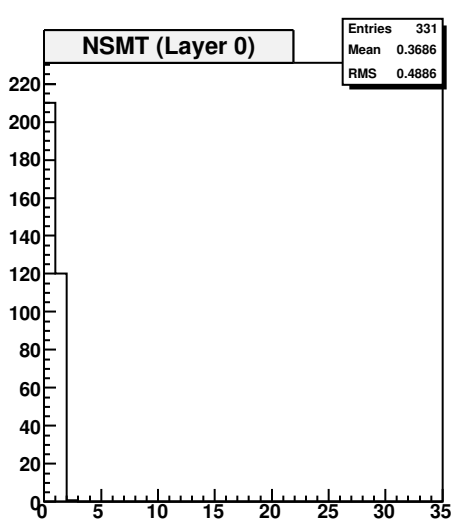




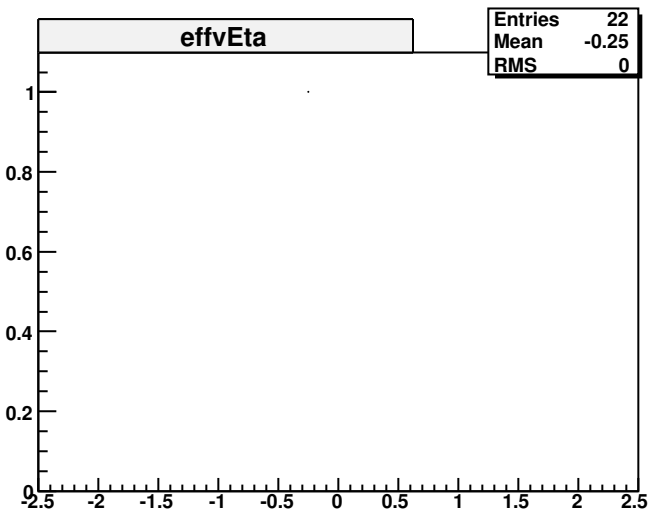


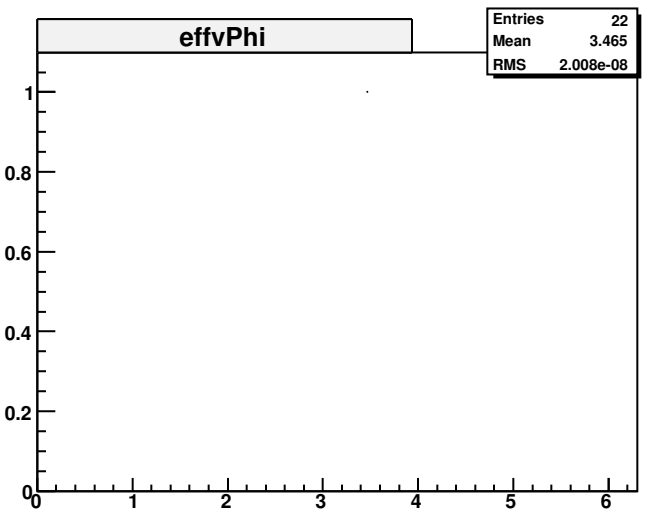


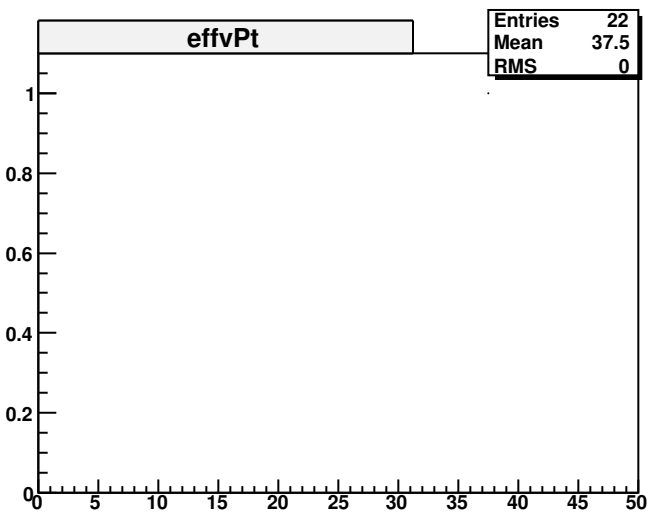


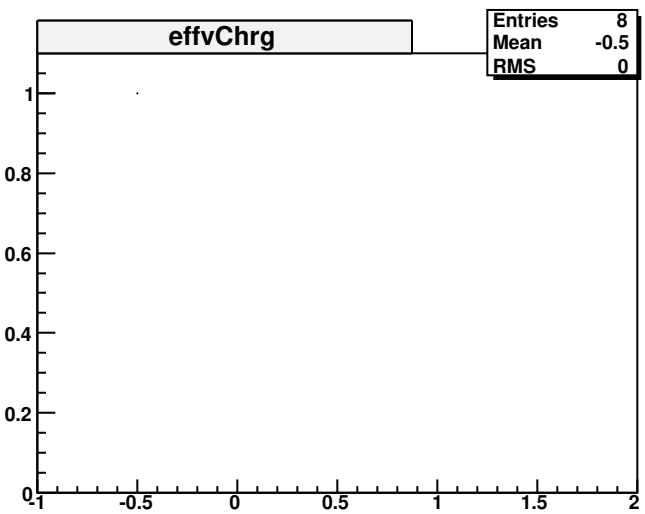


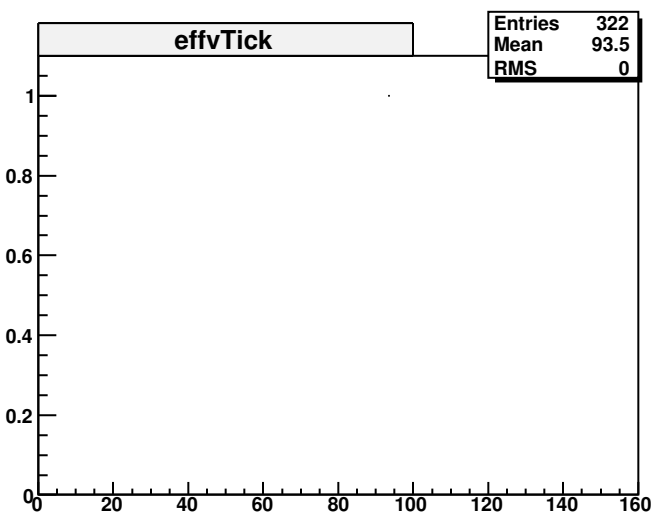
Track Hits (All)

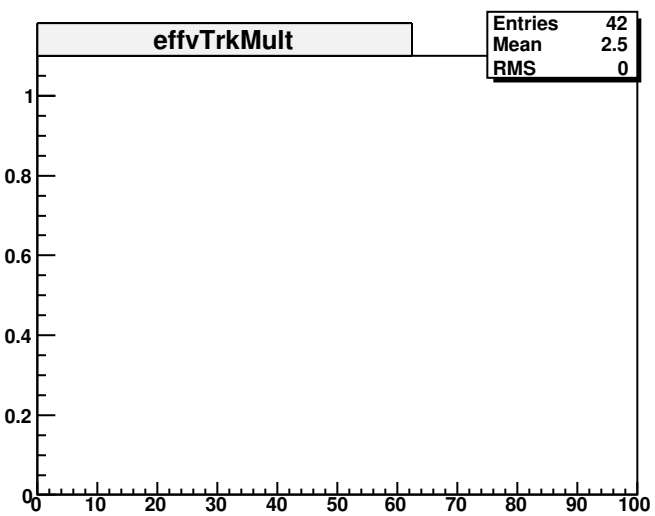




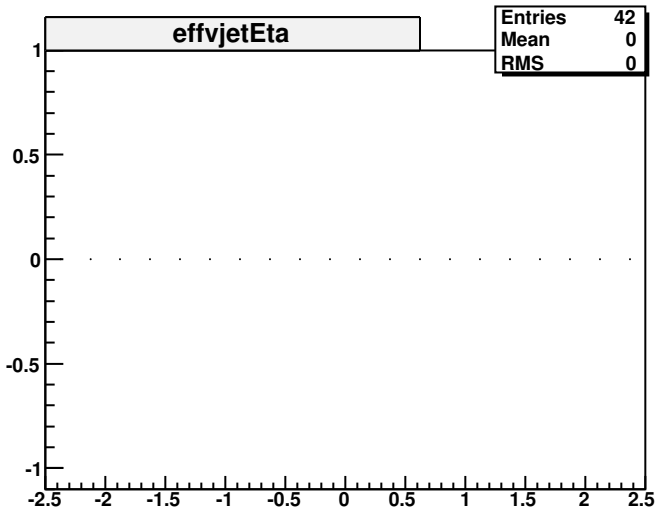


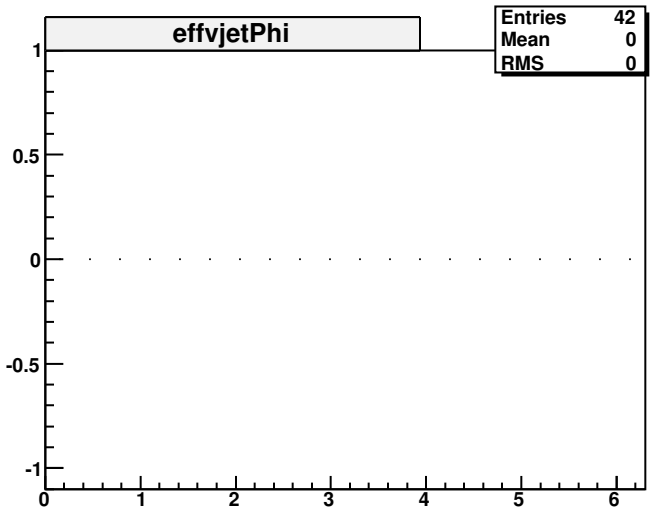


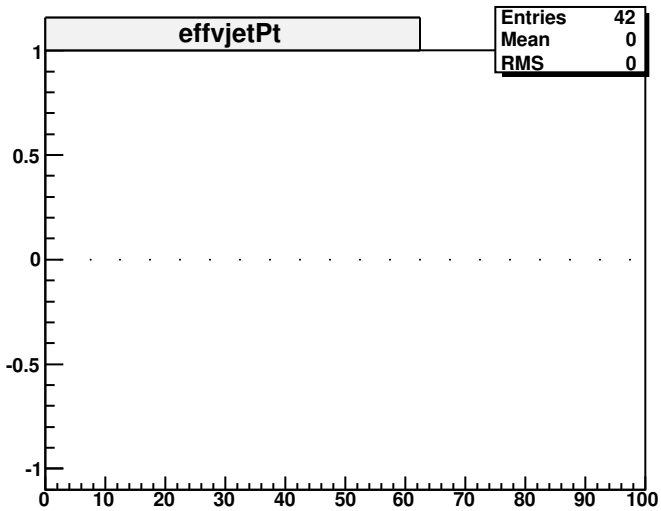




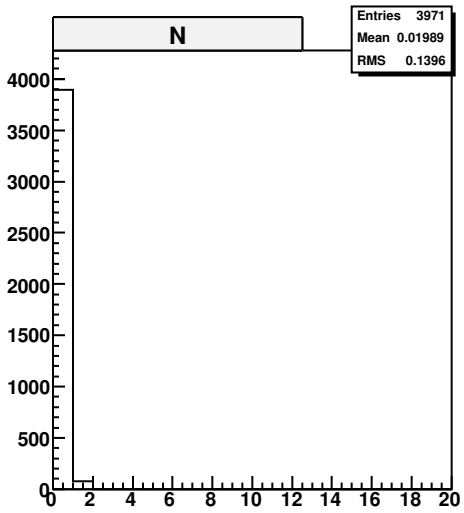
Tracking (Efficiency-Isolated)

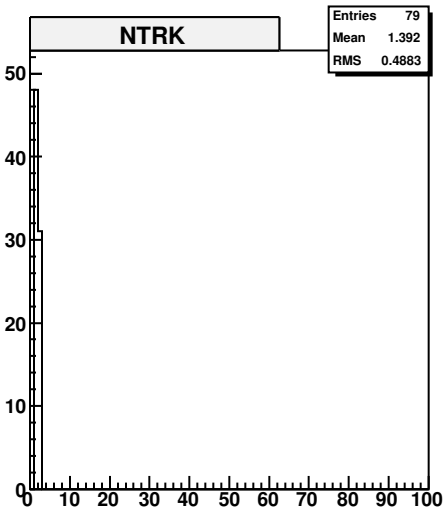


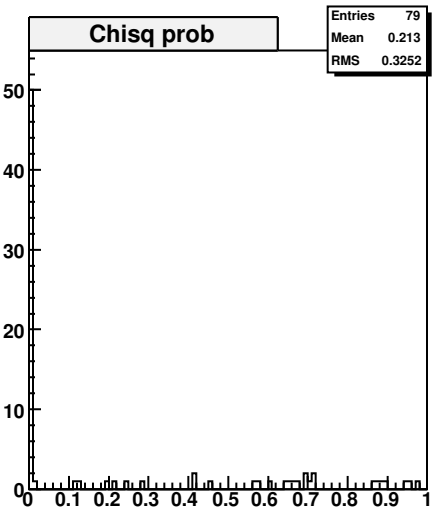


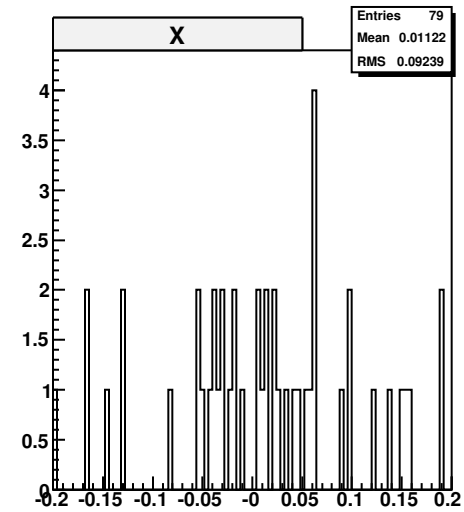


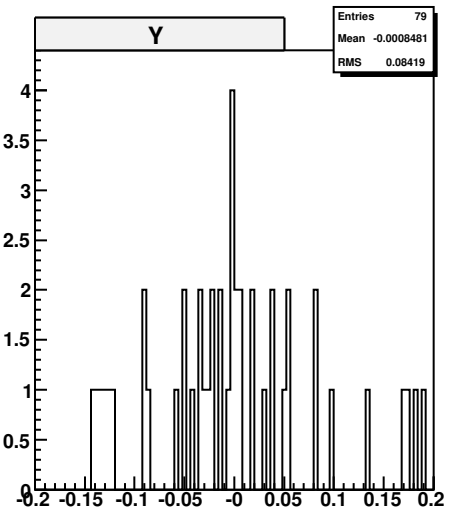
Tracking (Efficiency-InJets)

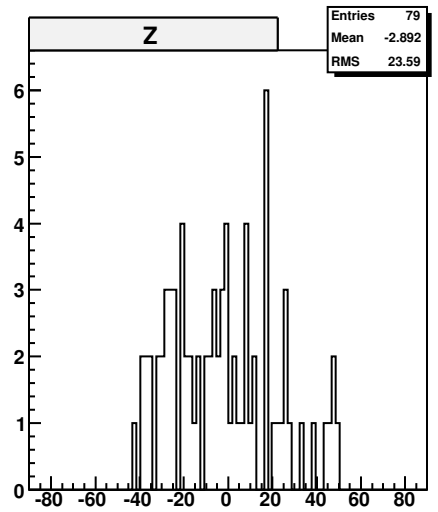




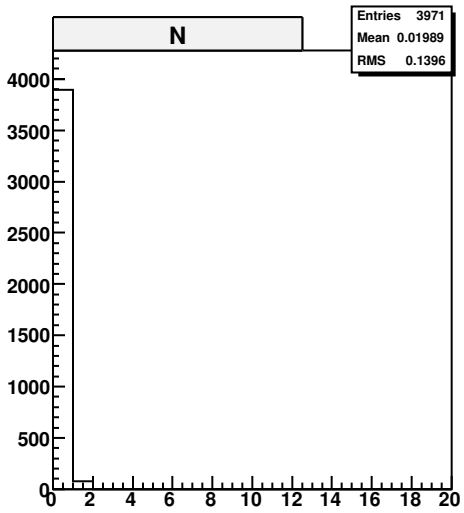


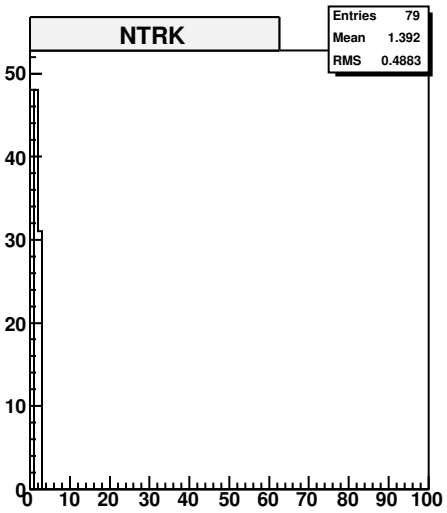


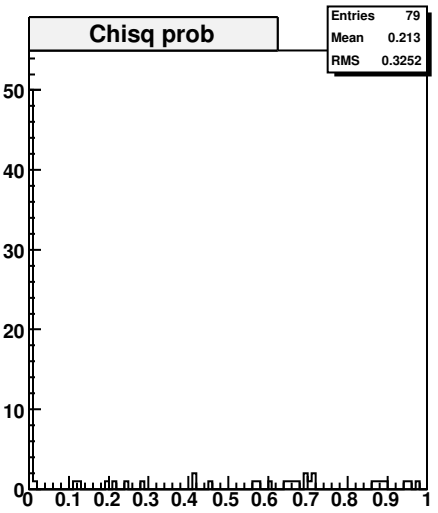


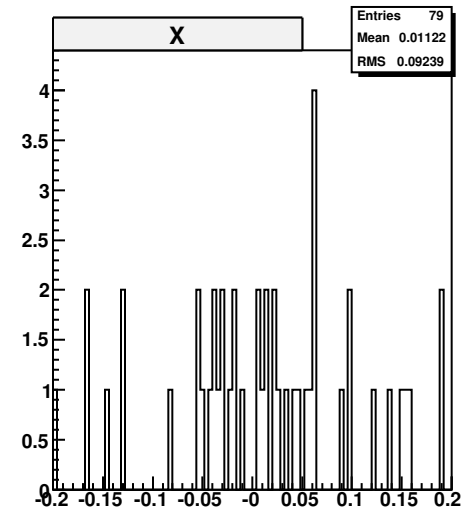


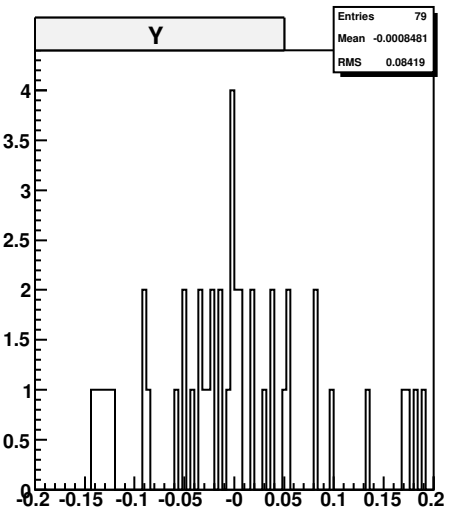
Vertices (Primary - all candidates)

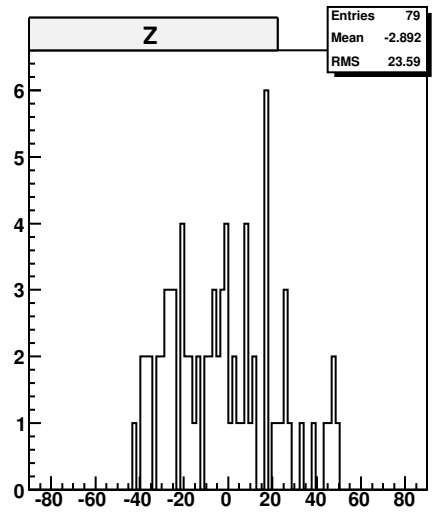




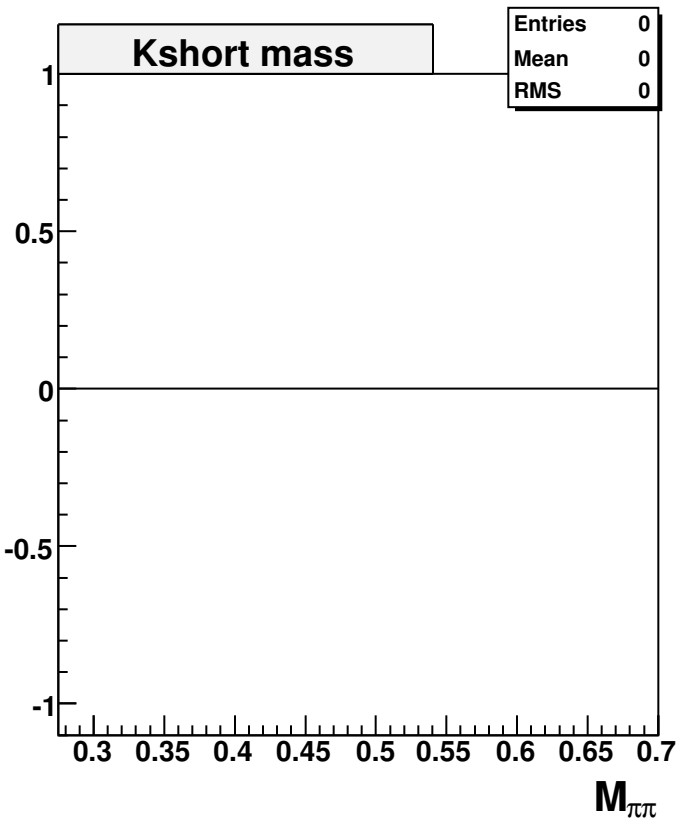


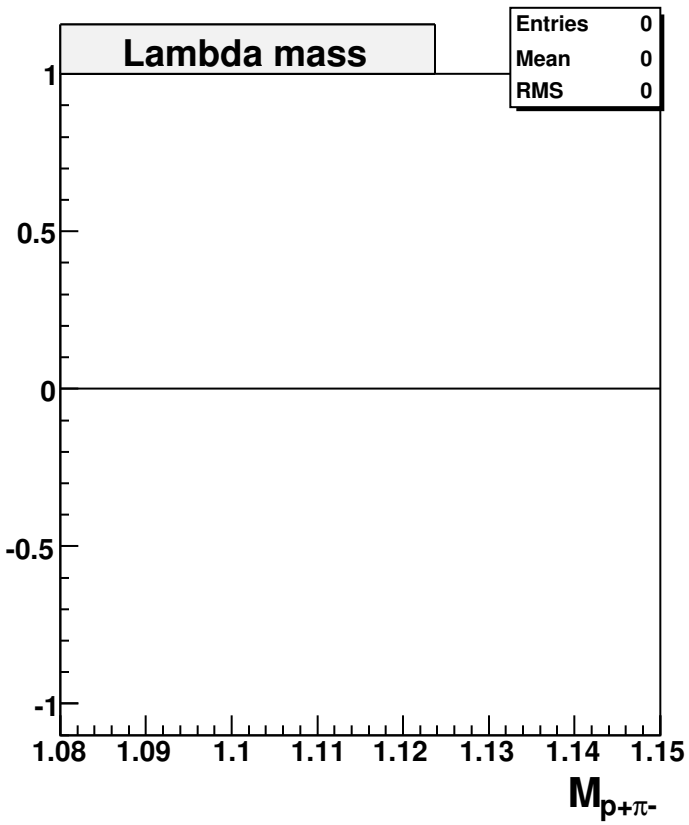


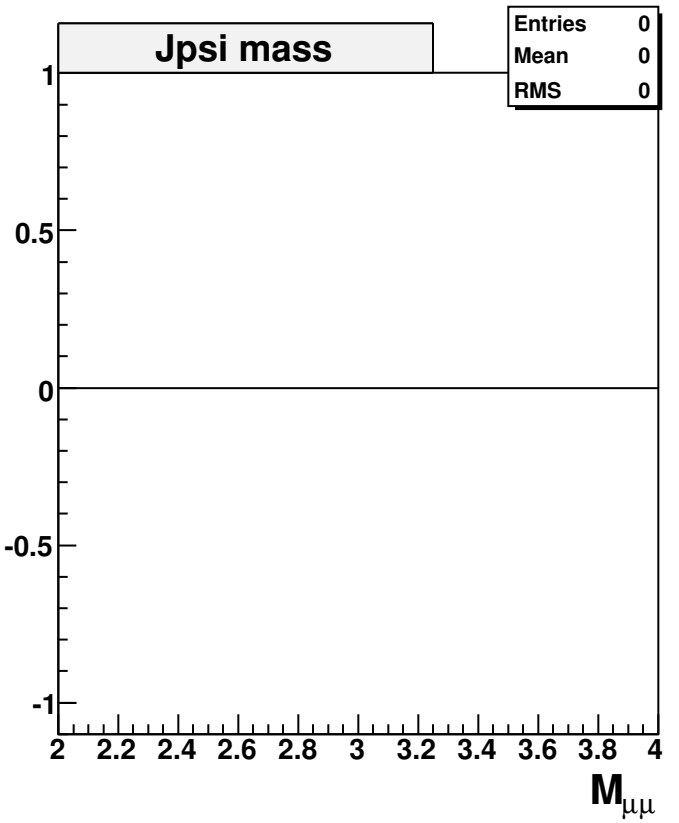


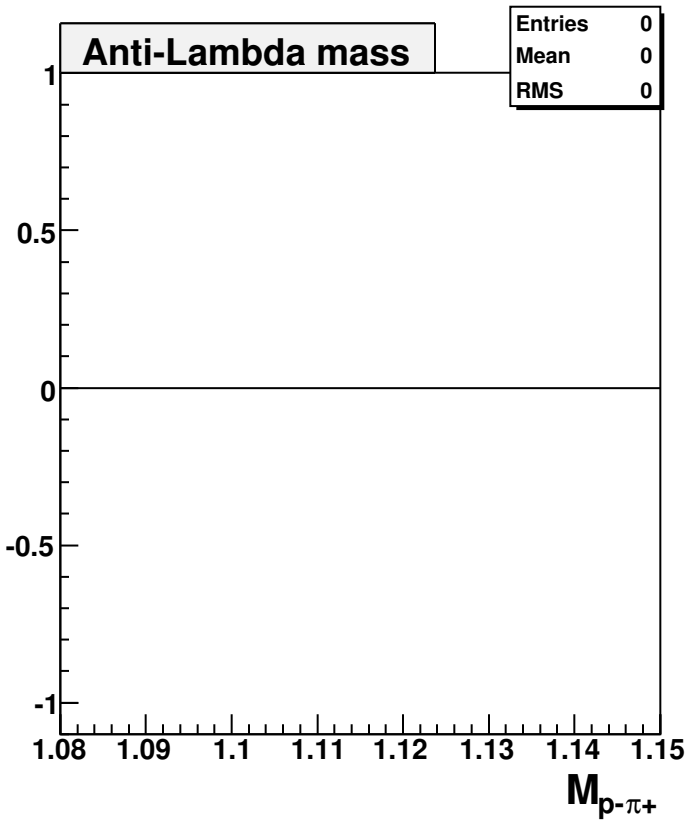


Vertices (Primary - best)

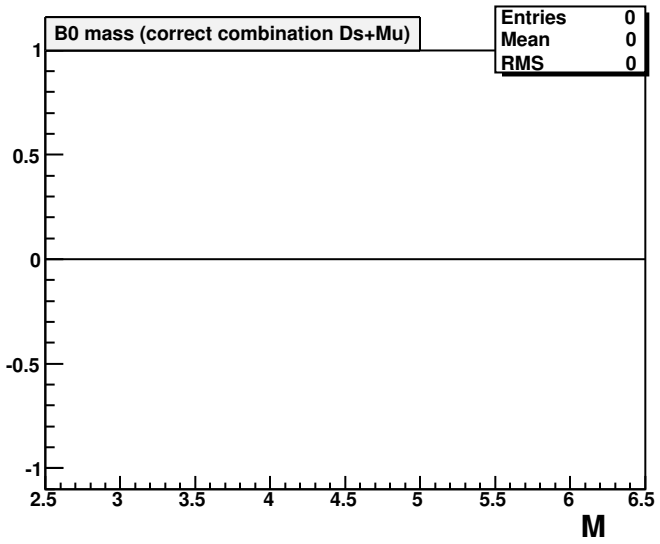

Kshort mass
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7
$M_{\pi\pi}$

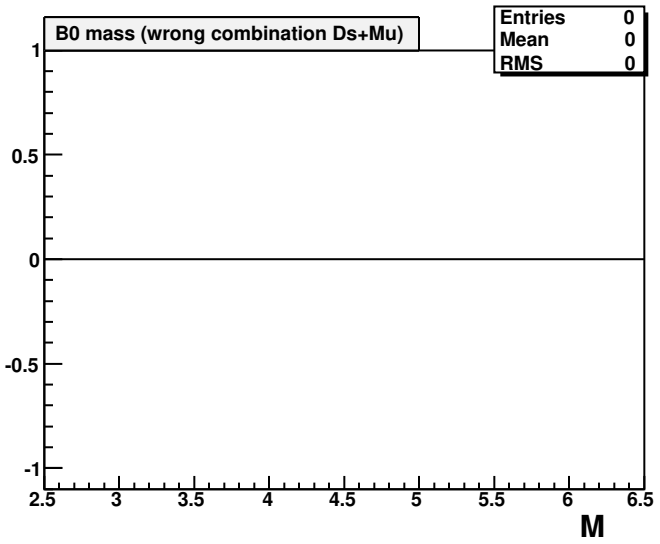

Lambda mass
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
$M_{p+\pi-}$

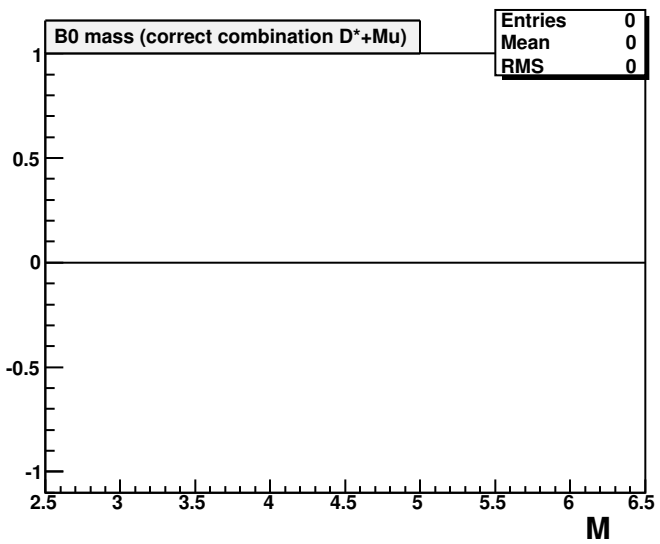

Jpsi mass
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
2 2.2 2.4 2.6 2.8 3 3.2 3.4 3.6 3.8 4
$M_{\mu\mu}$

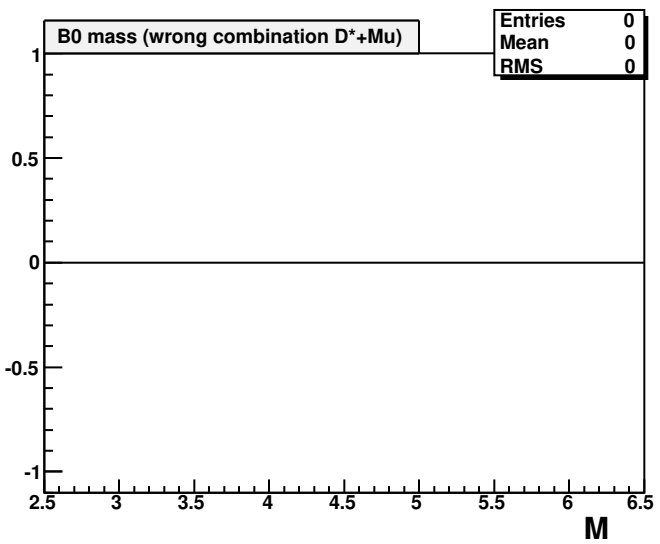

Anti-Lambda mass
Entries 0
Mean 0
RMS 0
1
0.5
0
-0.5
-1
1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15
$M_{p-\pi+}$

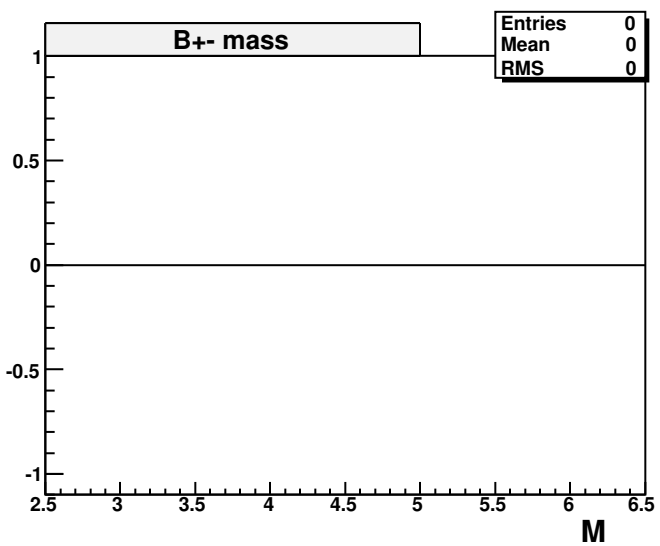
V0 (All)



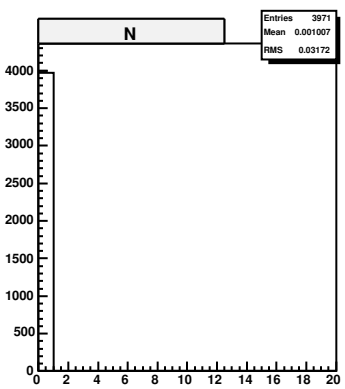


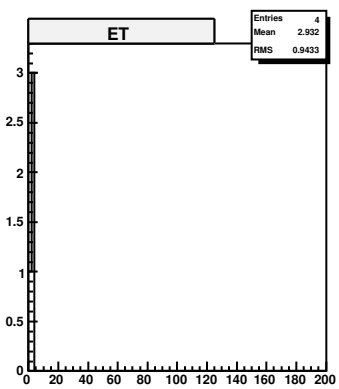


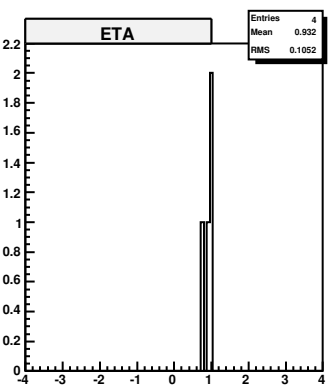


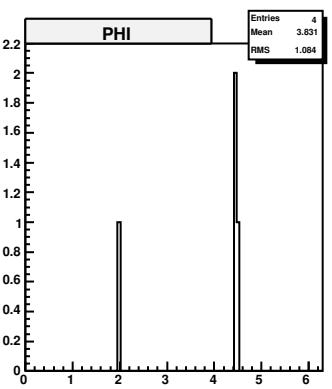


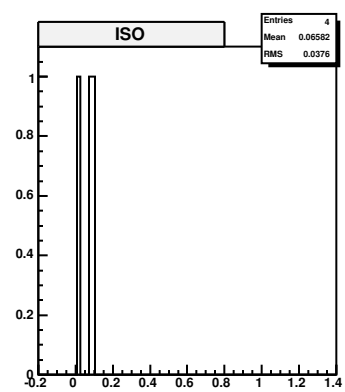
V0(B mesons) (All)

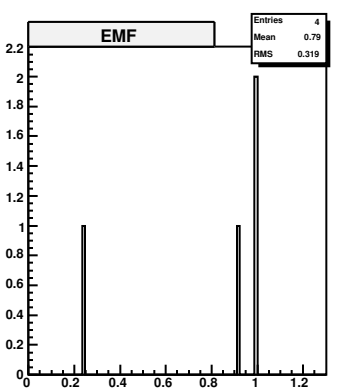


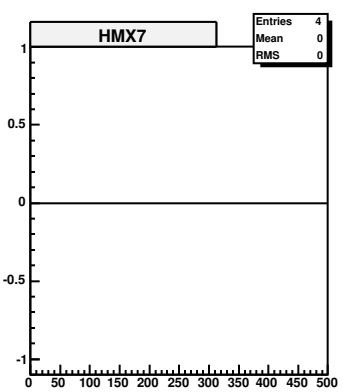


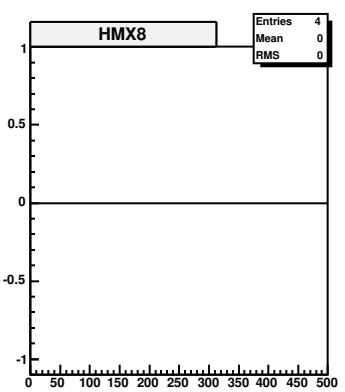


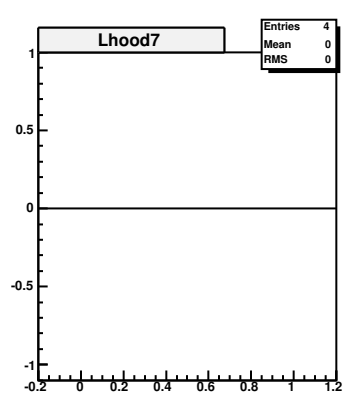


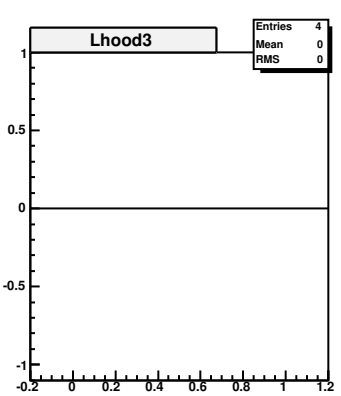


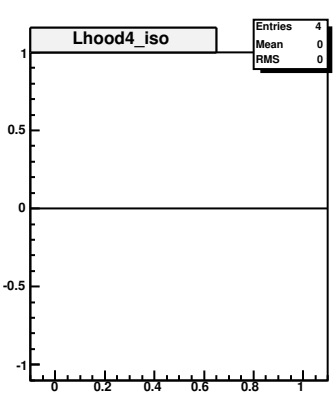


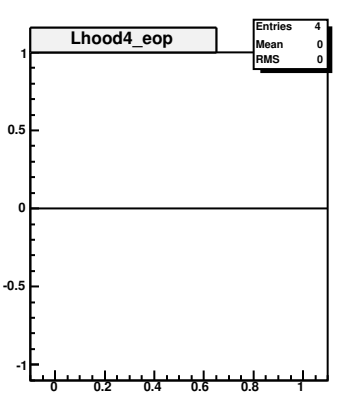


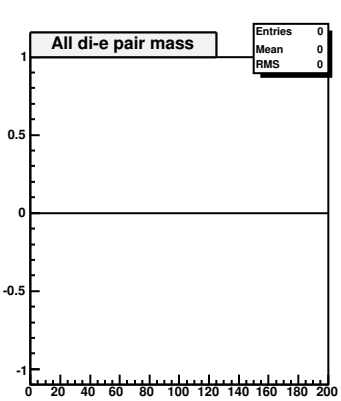


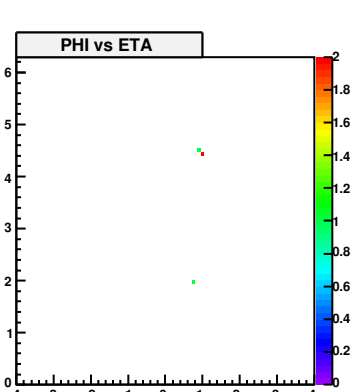


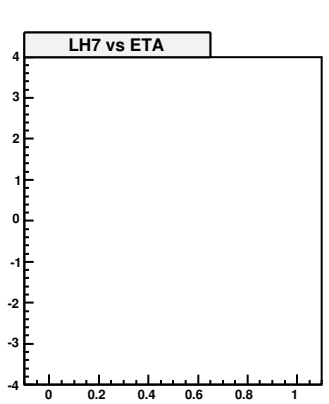


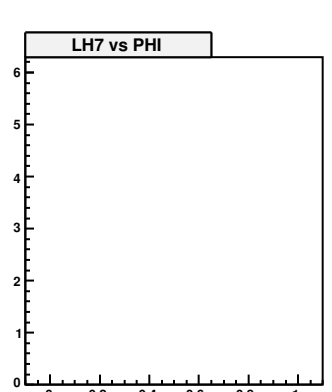




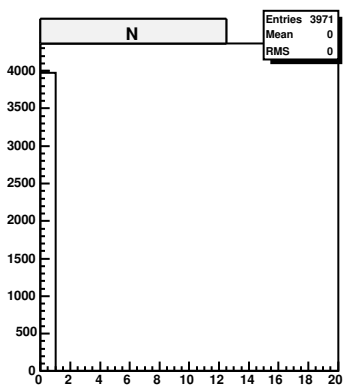


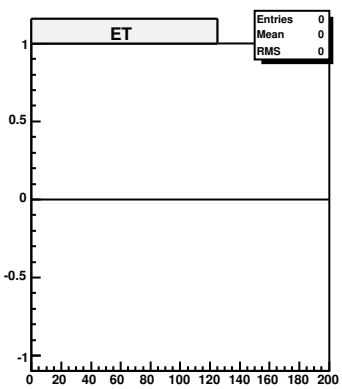


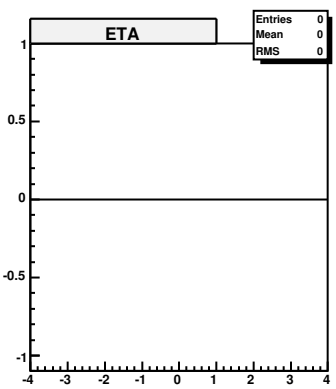


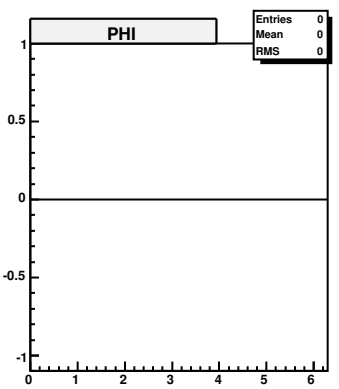


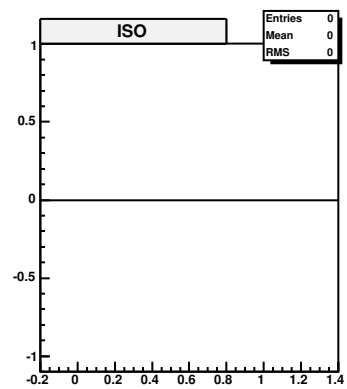
Electrons (SCONE All)

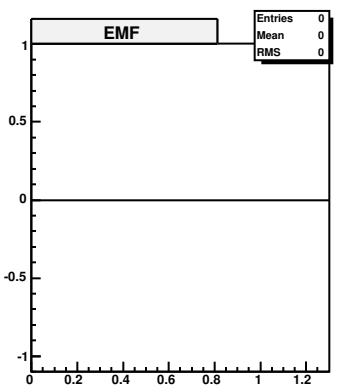


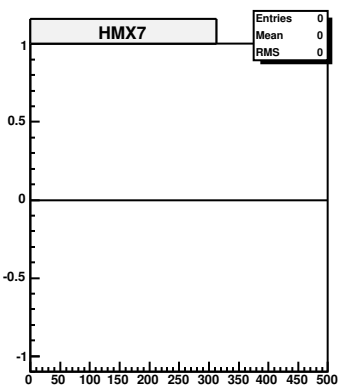


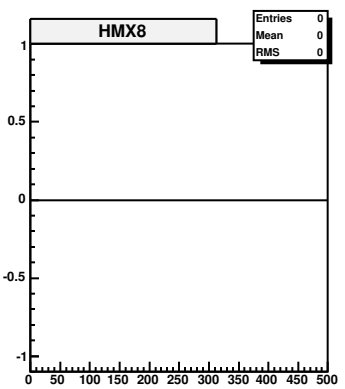


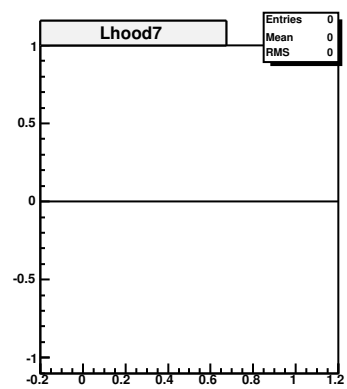


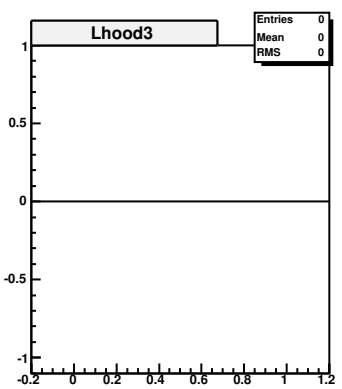


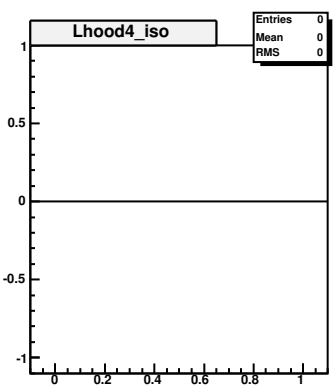


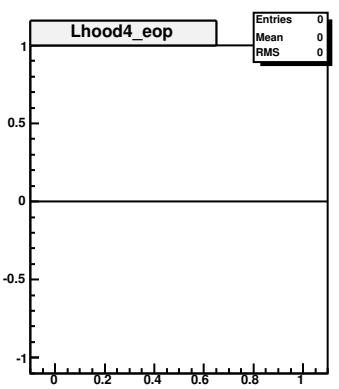


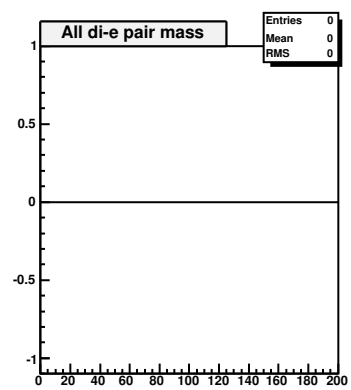


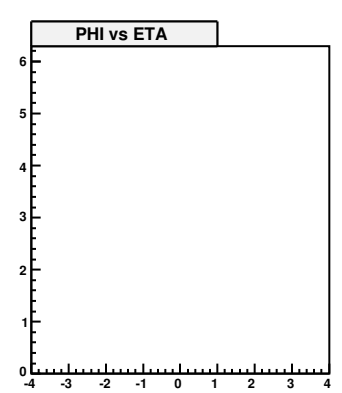


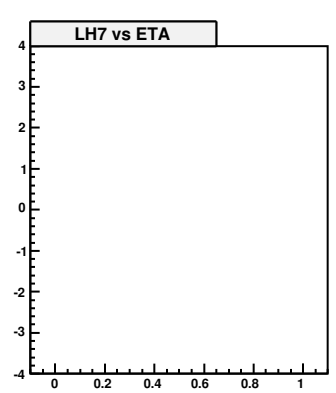


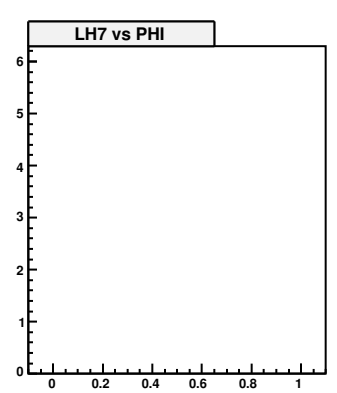




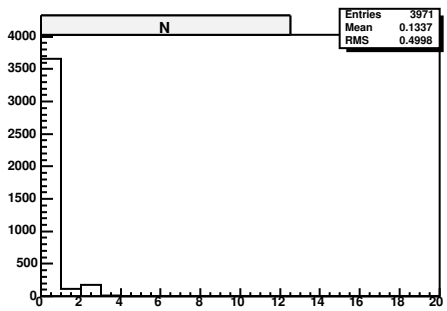


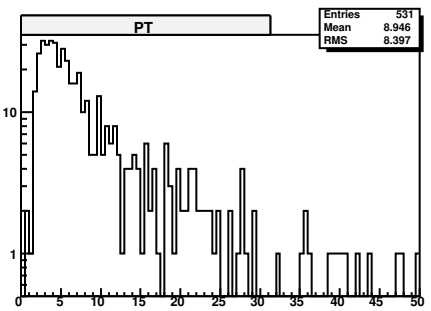


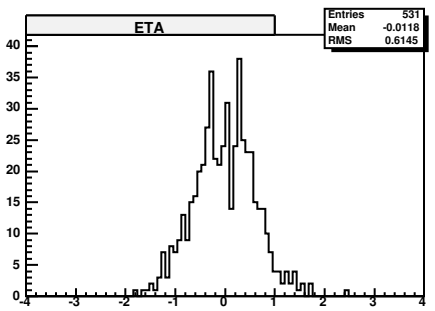


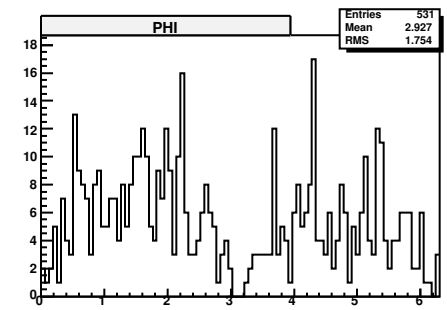


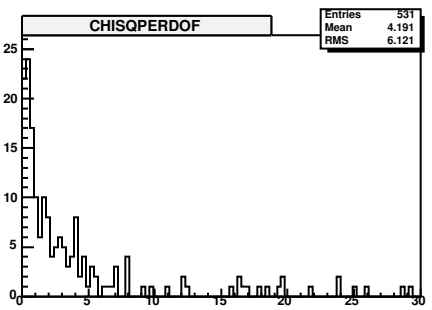
Electrons (SCONE Tight)

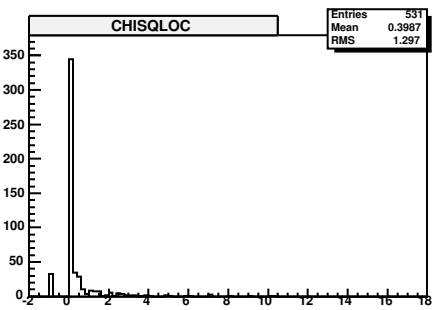

N
Entries 3971
Mean 0.1337
RMS 0.4998

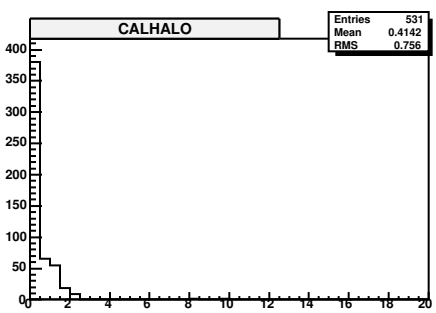

PT
Entries 531
Mean 8.946
RMS 8.397

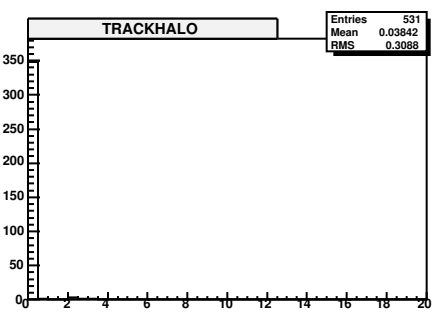

ETA
Entries 531
Mean -0.0118
RMS 0.6145

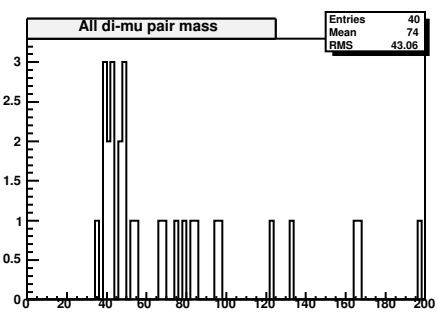

PHI
Entries 531
Mean 2.927
RMS 1.754

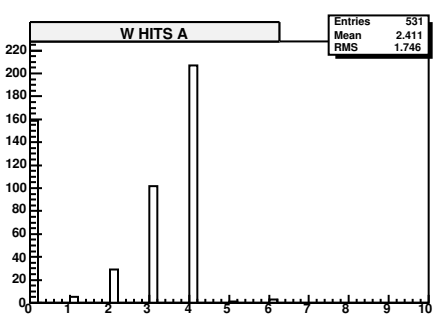

CHISQPERDOF
Entries 531
Mean 4.191
RMS 6.121

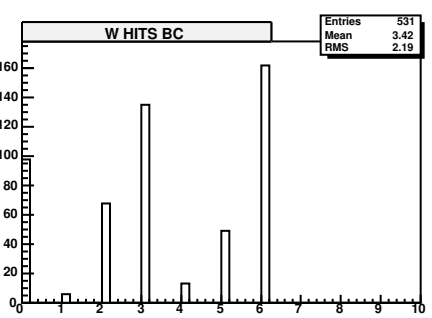

CHISQLOC
Entries 531
Mean 0.3987
RMS 1.297

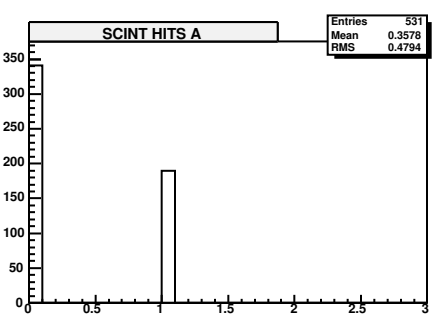

CALHALO
Entries 531
Mean 0.4142
RMS 0.756

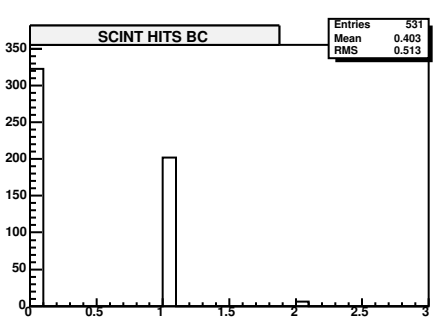

TRACKHALO
Entries 531
Mean 0.03842
RMS 0.3088


All di-mu pair mass
Entries 40
Mean 74
RMS 43.06

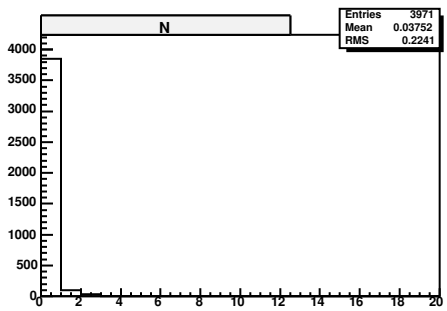

W HITS A
Entries 531
Mean 2.411
RMS 1.746

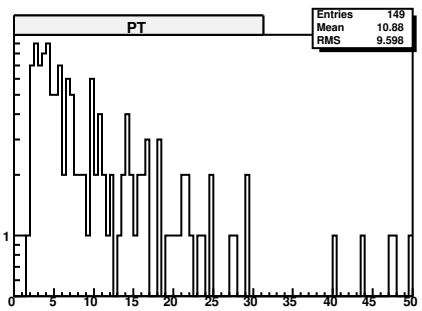

W HITS BC
Entries 531
Mean 3.42
RMS 2.19

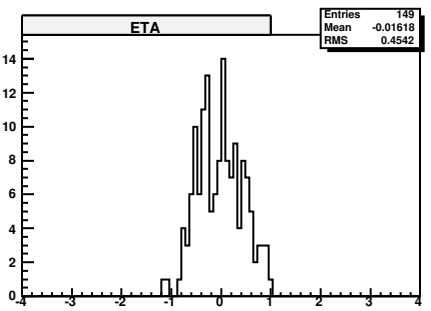

SCINT HITS A
Entries 531
Mean 0.3578
RMS 0.4794

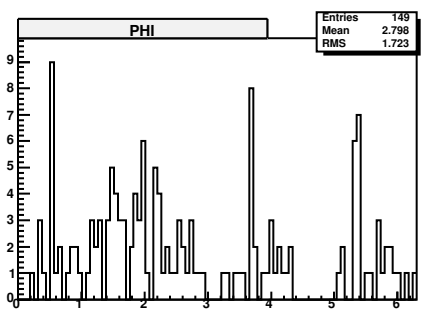

SCINT HITS BC
Entries 531
Mean 0.403
RMS 0.513

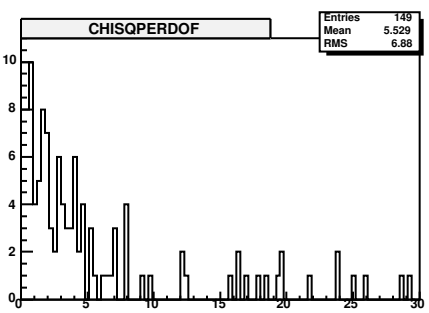
Muons (All)

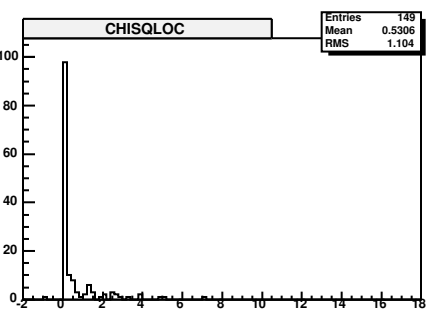


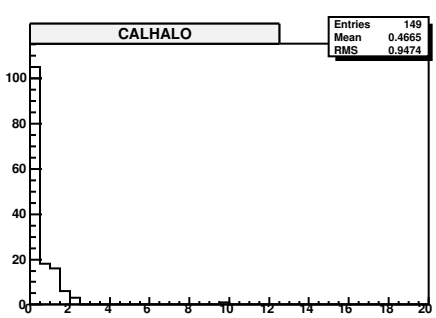


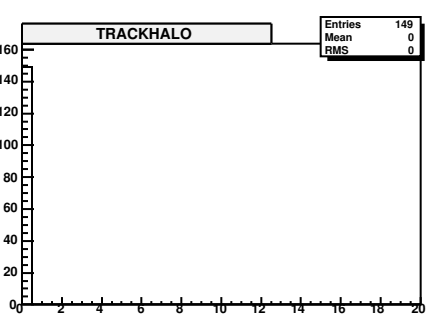


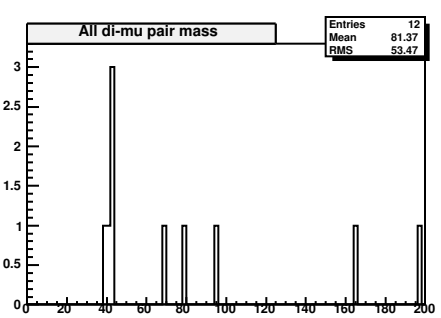


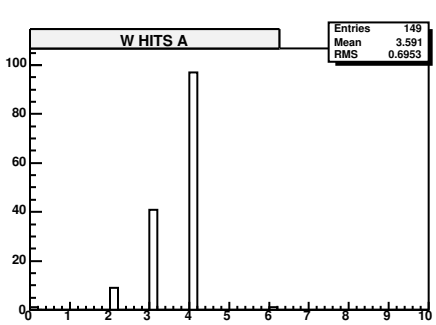


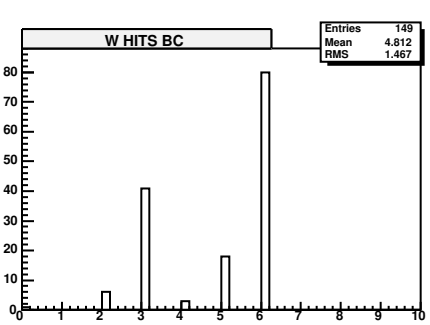


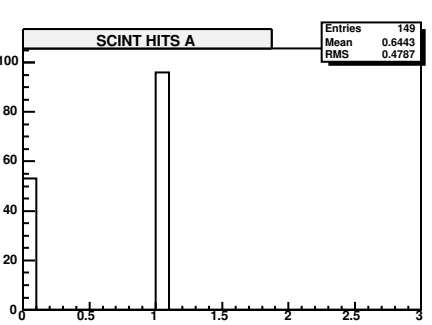


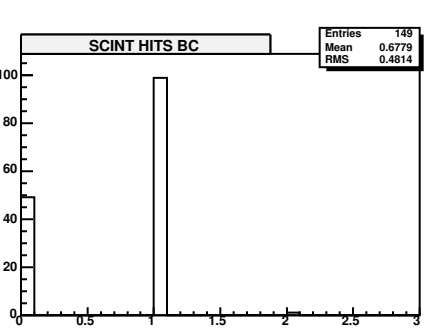




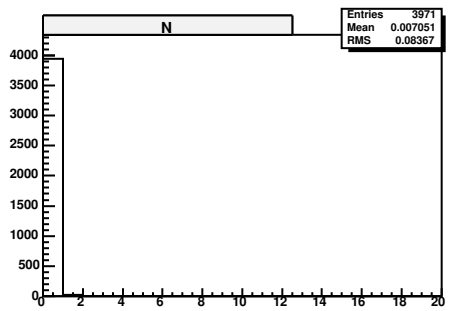


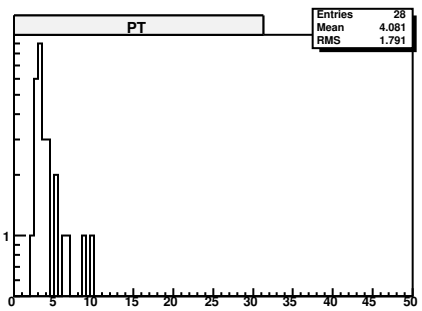


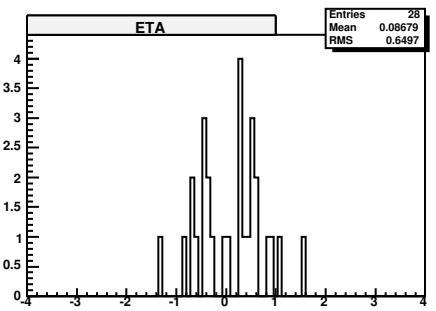


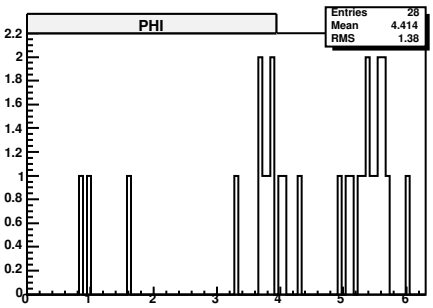


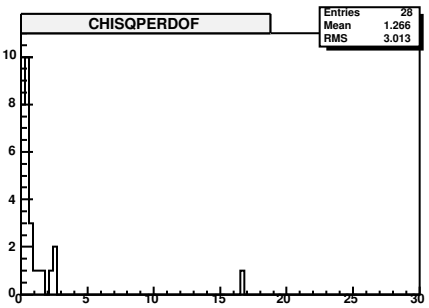
Muons (Matched)

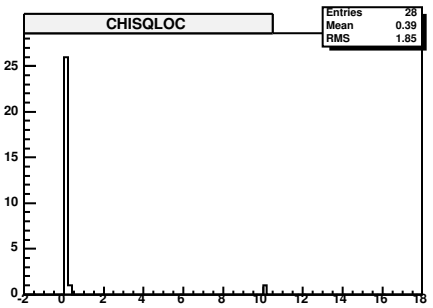

N
Entries 3971
Mean 0.007051
RMS 0.08367

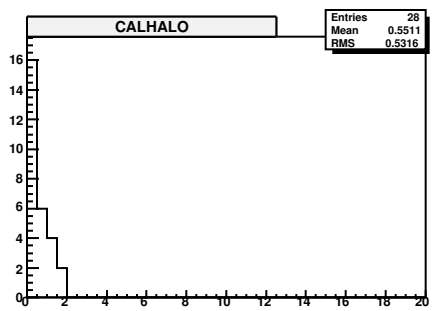

PT
Entries 28
Mean 4.081
RMS 1.791

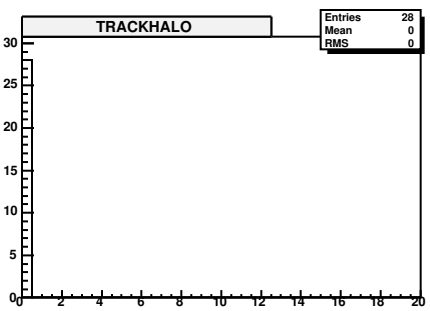

ETA
Entries 28
Mean 0.08679
RMS 0.6497

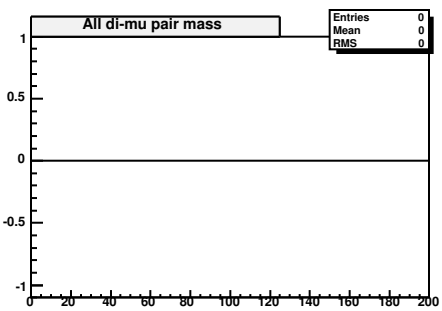

PHI
Entries 28
Mean 4.414
RMS 1.38

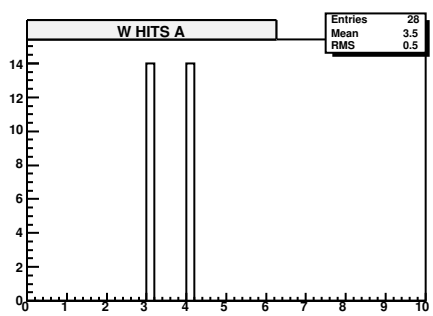

CHISQPERDOF
Entries 28
Mean 1.266
RMS 3.013

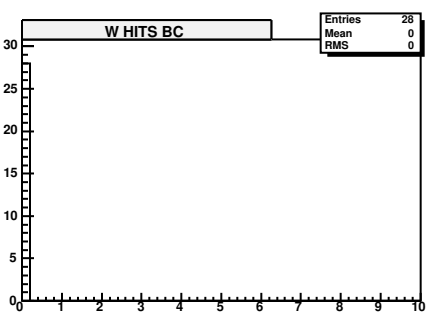

CHISQLOC
Entries 28
Mean 0.39
RMS 1.85

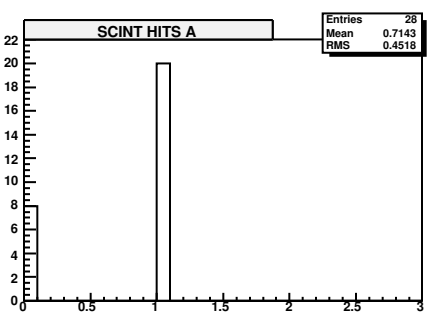

CALHALO
Entries 28
Mean 0.5511
RMS 0.5316

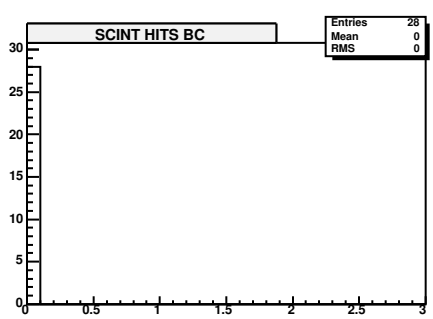

TRACKHALO
Entries 28
Mean 0
RMS 0


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

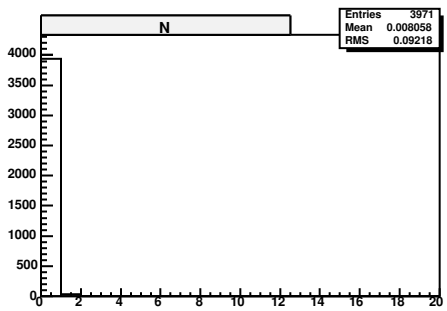

W HITS A
Entries 28
Mean 3.5
RMS 0.5

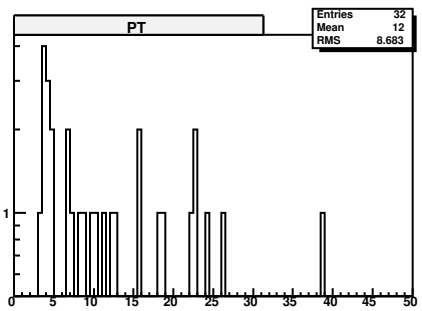

W HITS BC
Entries 28
Mean 0
RMS 0

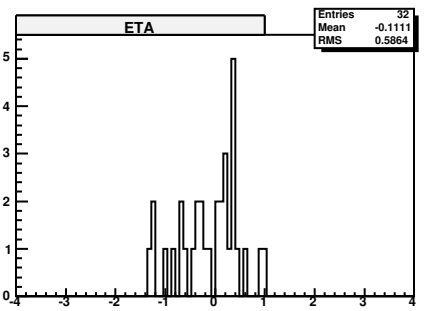

SCINT HITS A
Entries 28
Mean 0.7143
RMS 0.4518

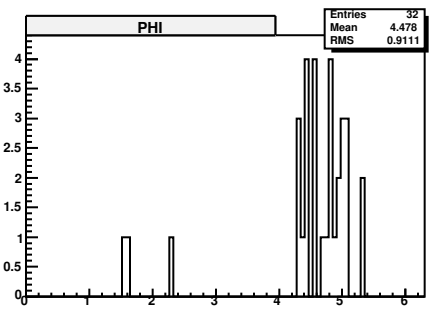

SCINT HITS BC
Entries 28
Mean 0
RMS 0

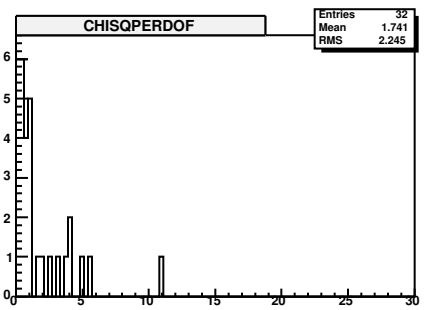
Muons (Astub)

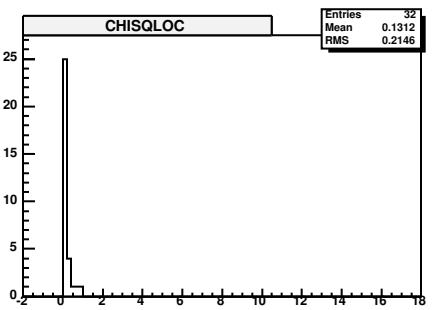


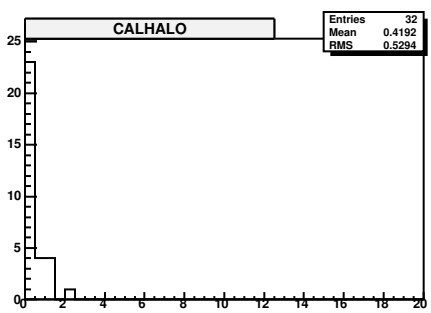


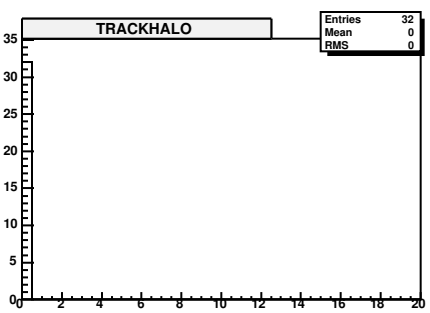


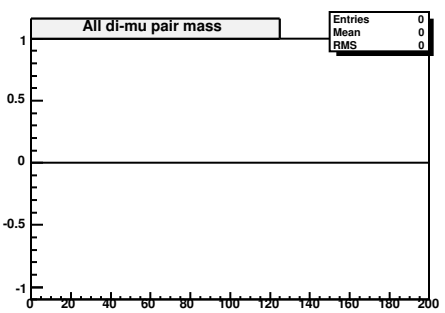


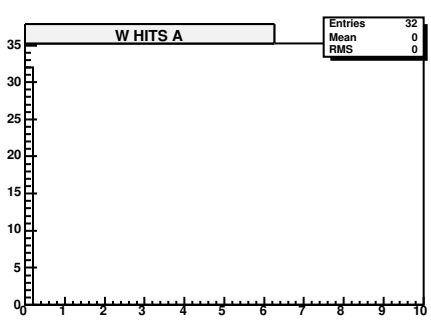


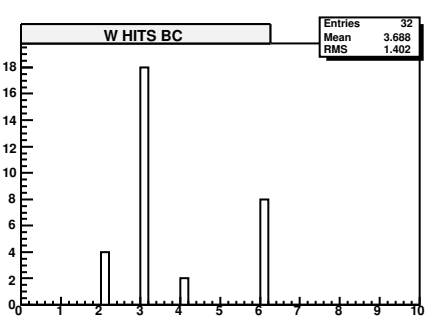


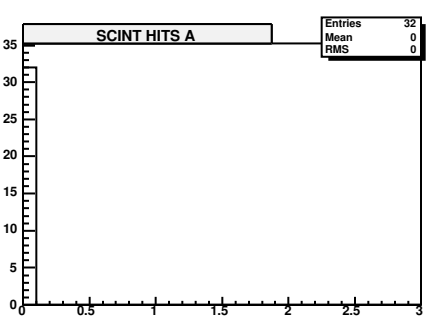


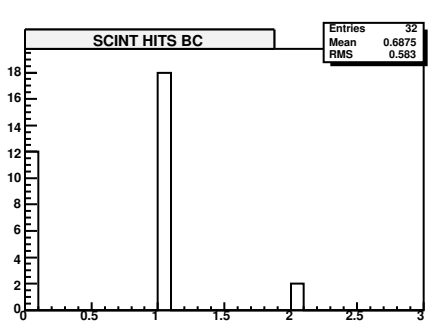




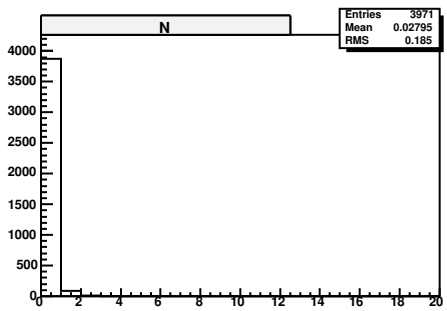


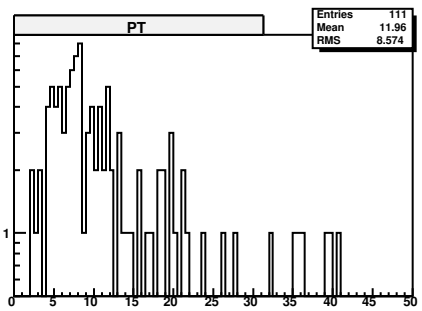


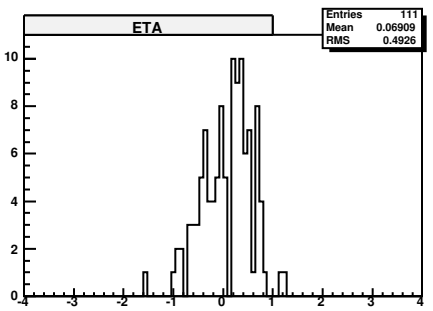


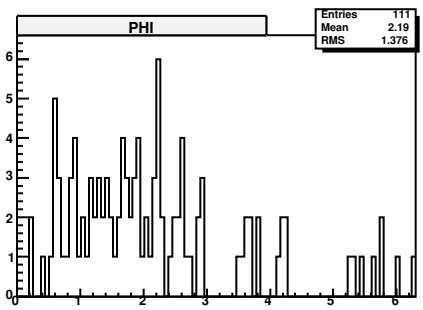


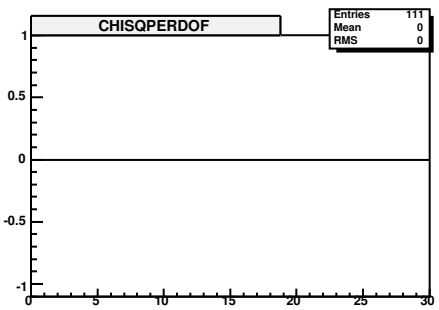
Muons (BCstub)

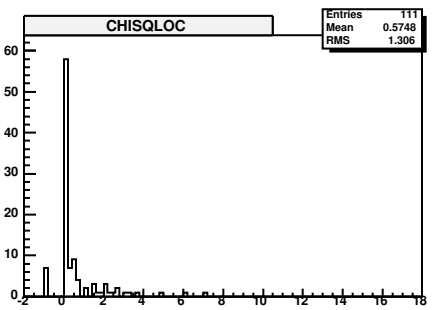


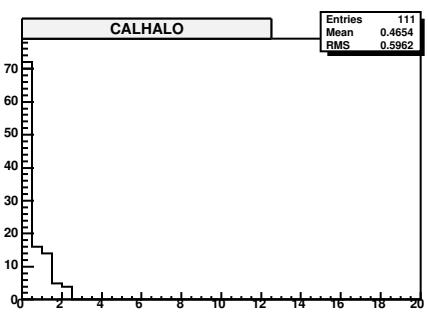


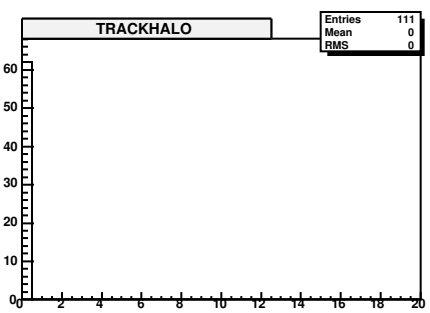


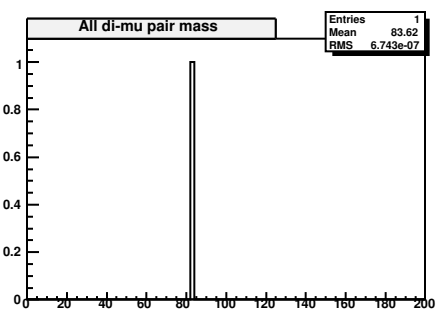


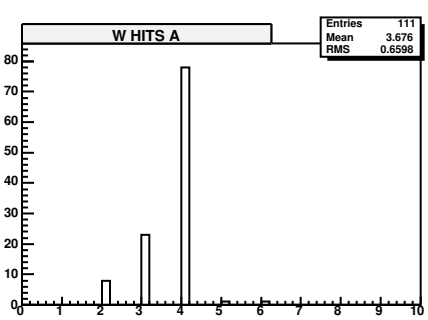


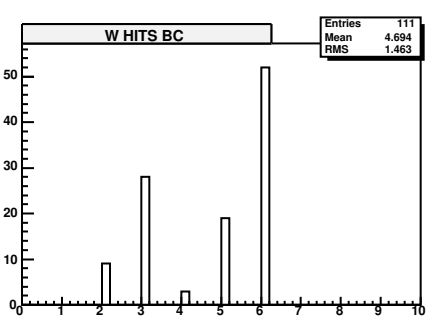


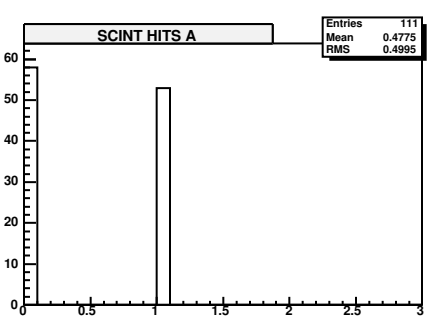


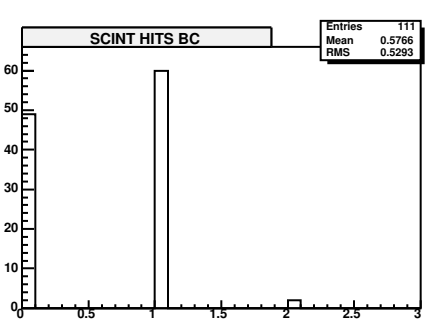




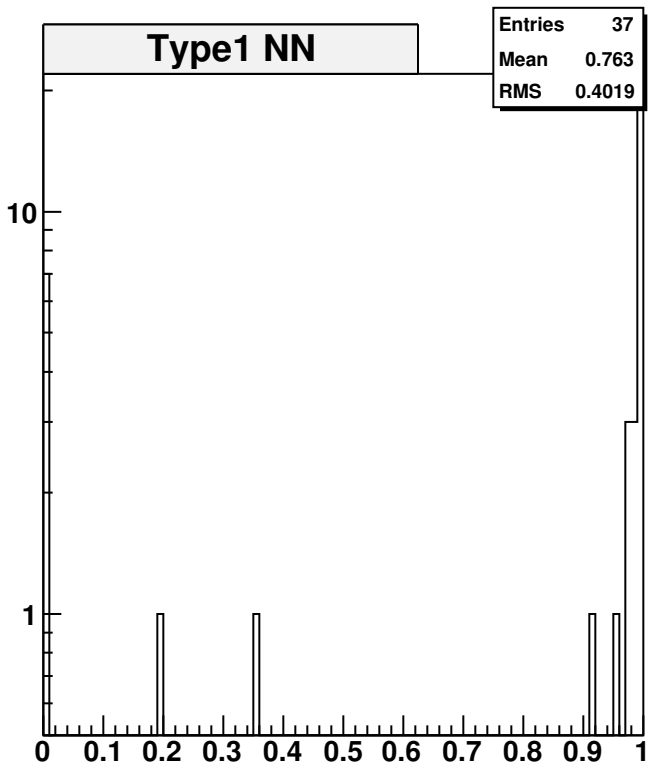




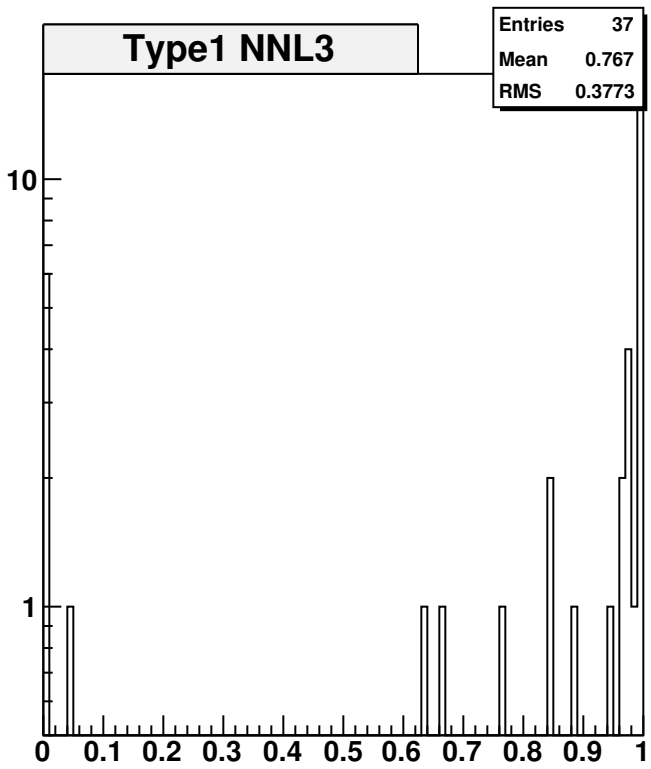


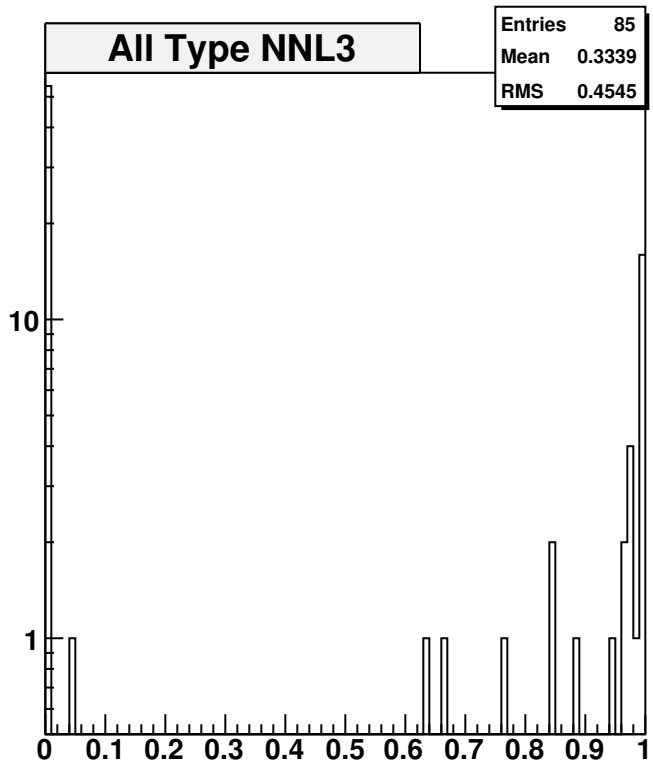


Muons (Unmatched)

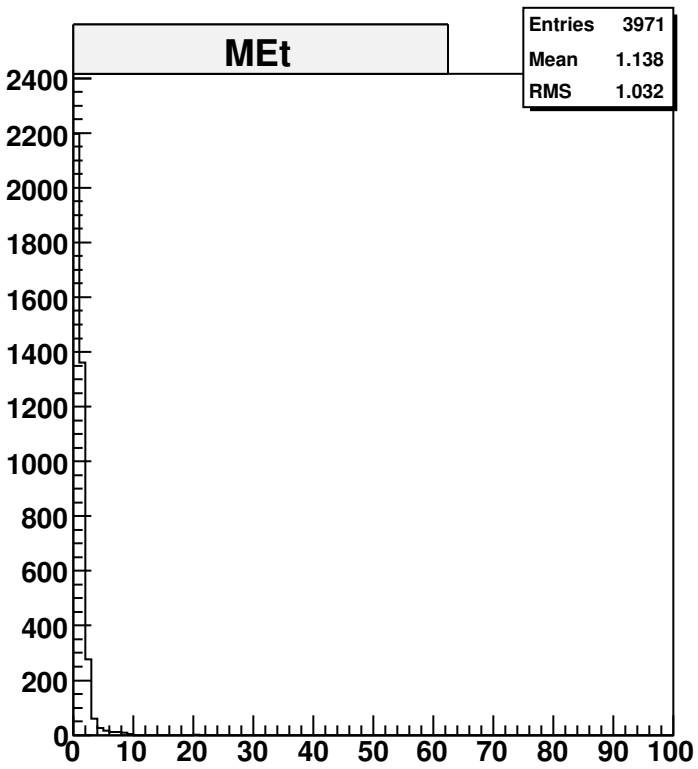


Taus NN (TAU All)





Taus NNL3 (TAU All)


MEt
Entries 3971
Mean 1.138
RMS 1.032
2400
2200
2000
1800
1600
1400
1200
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400
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0
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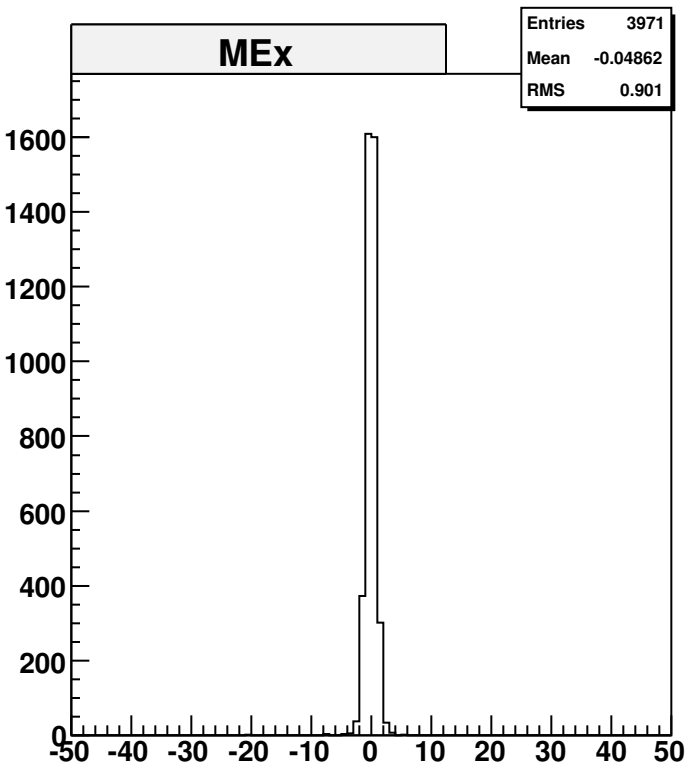
MEx
Entries 3971
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RMS 0.901
1600
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1200
1000
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400
200
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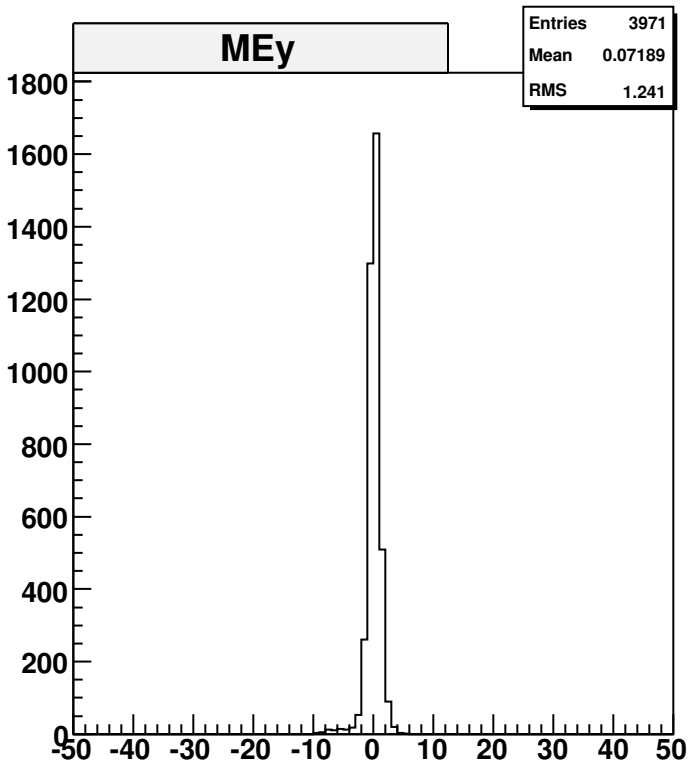
MEy
Entries 3971
Mean 0.07189
RMS 1.241
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1200
1000
800
600
400
200
0
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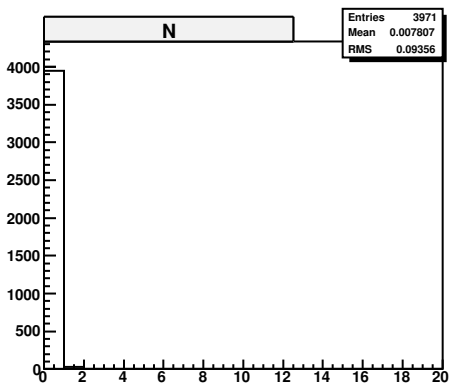
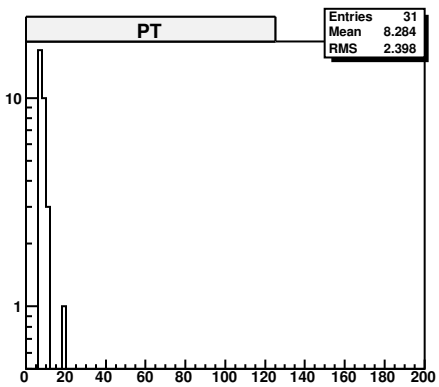
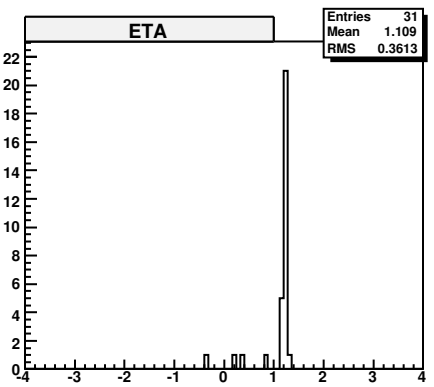
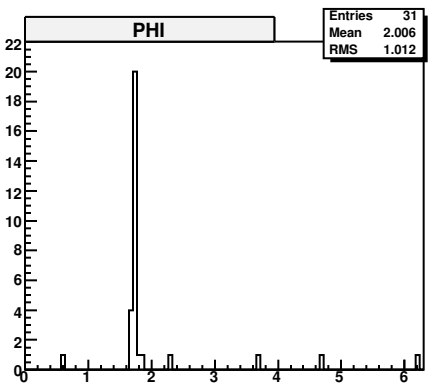
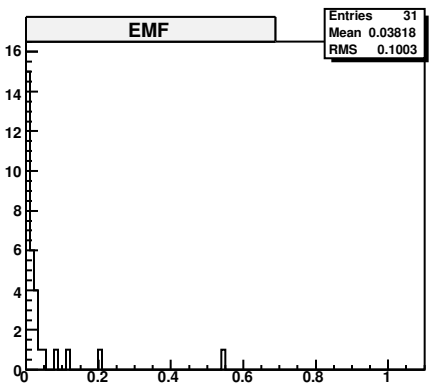
Met (No cuts)

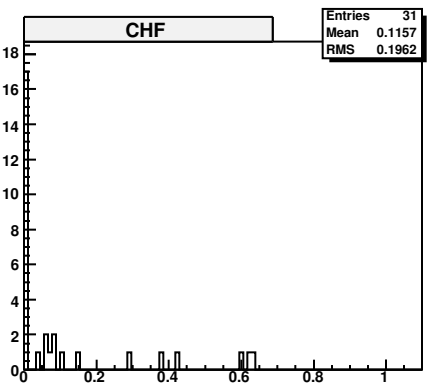


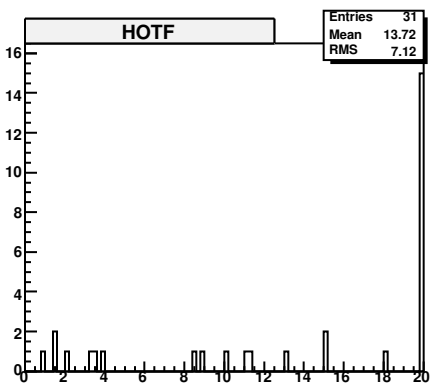


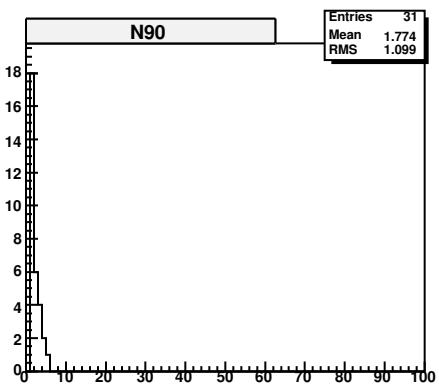


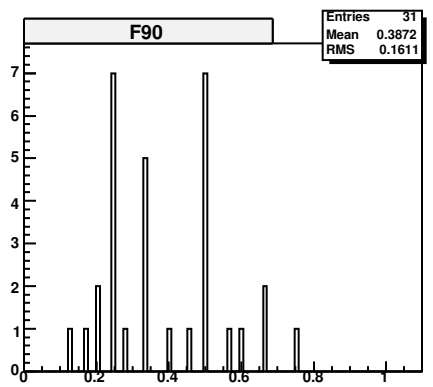


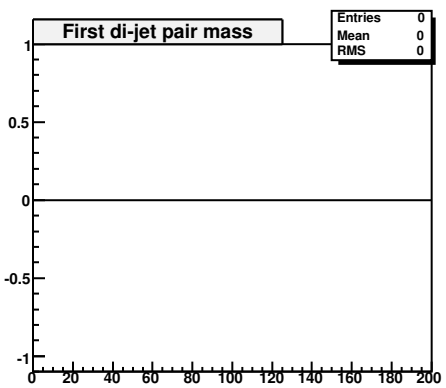


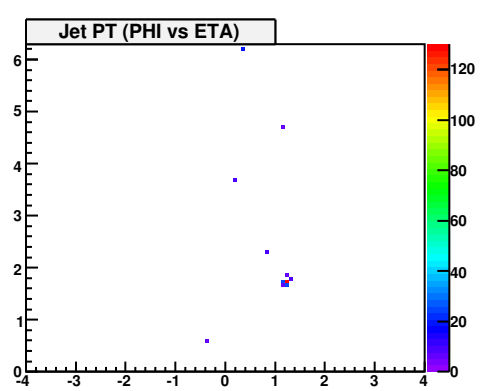




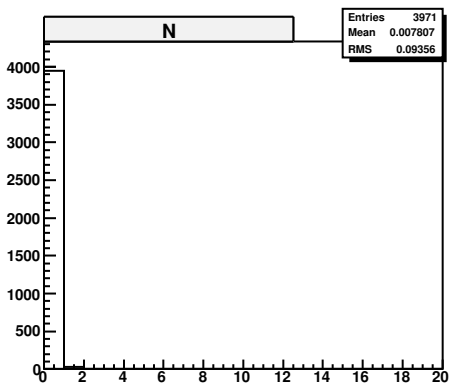


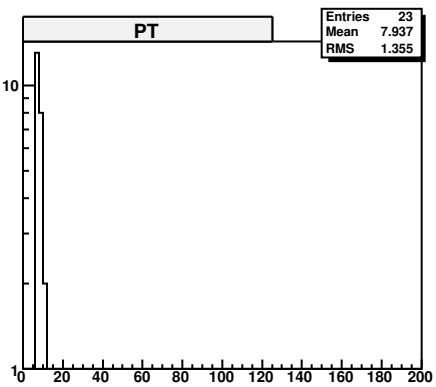


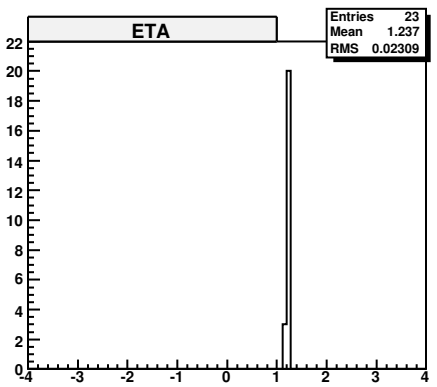


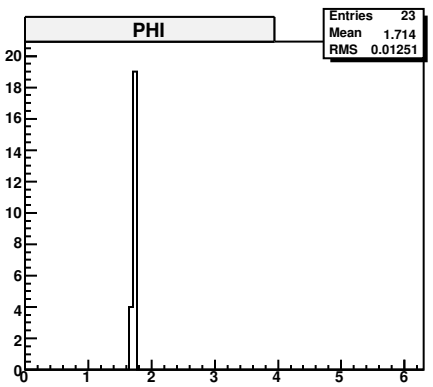


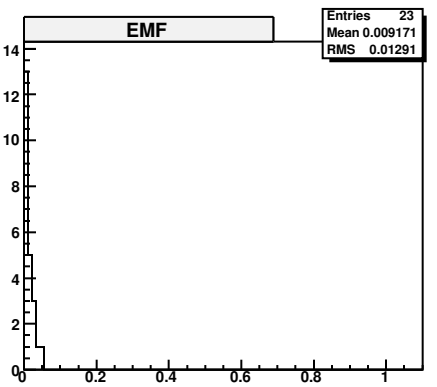
Jets (Cone R 0.7 (no cuts))

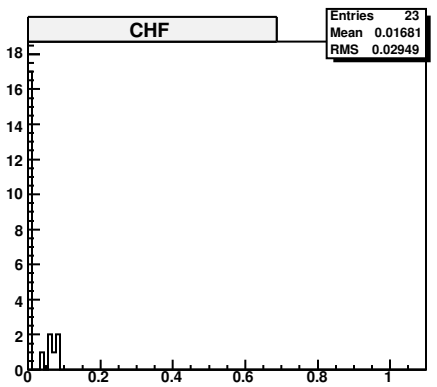


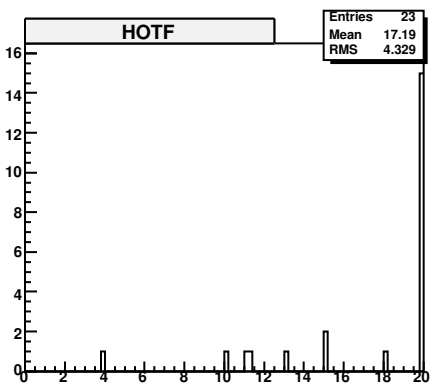


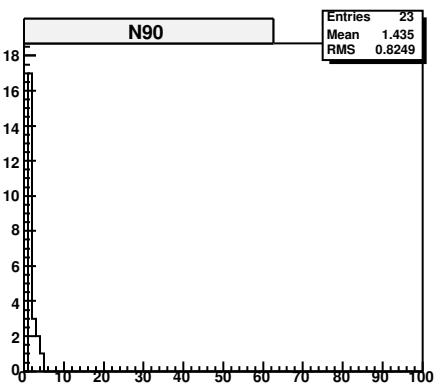


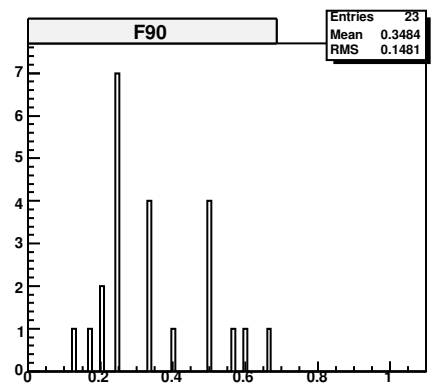


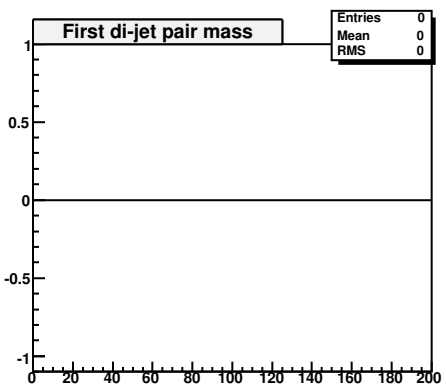


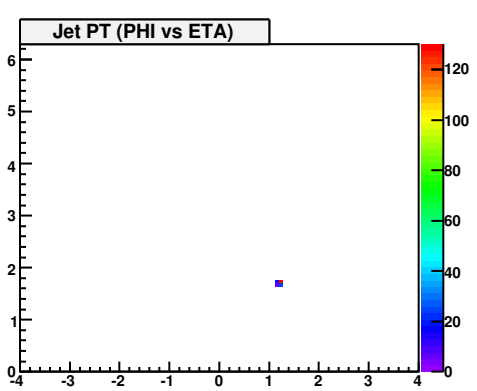




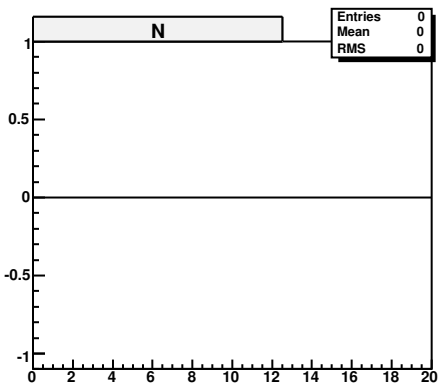


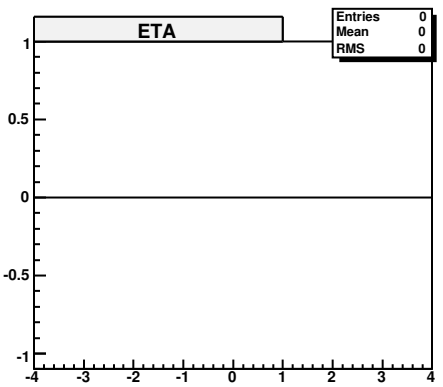


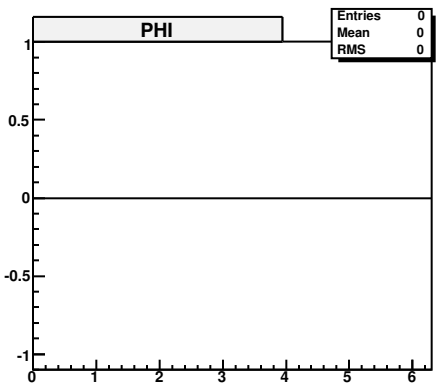


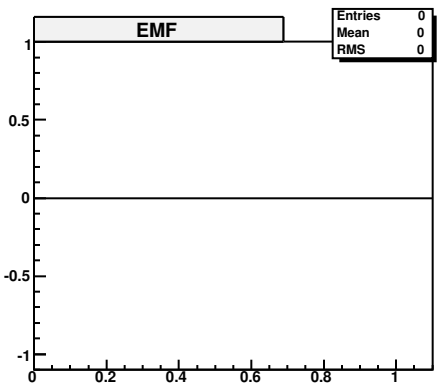


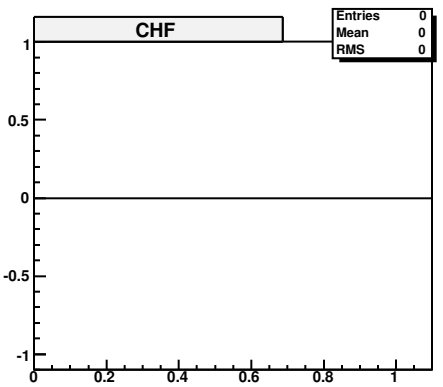
Jets (Cone R 0.7 (standard cuts))

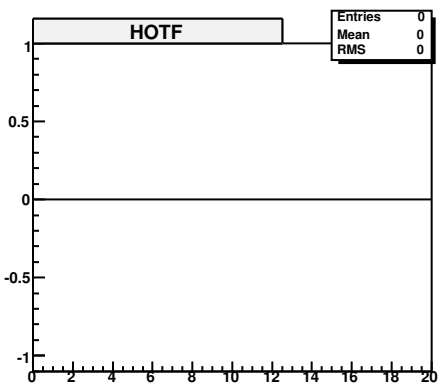


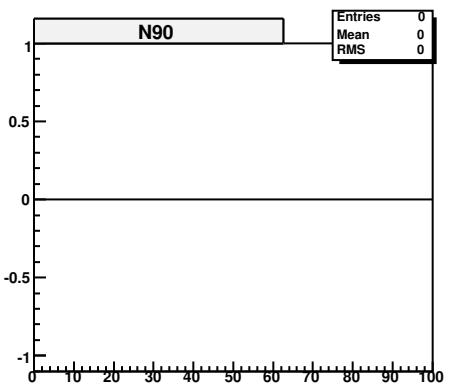


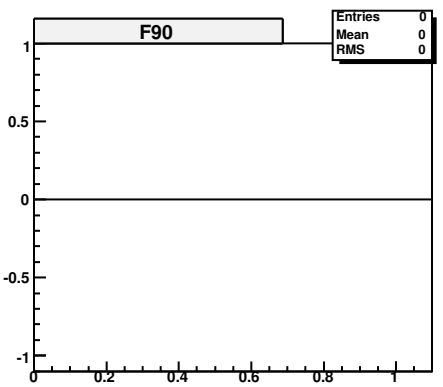


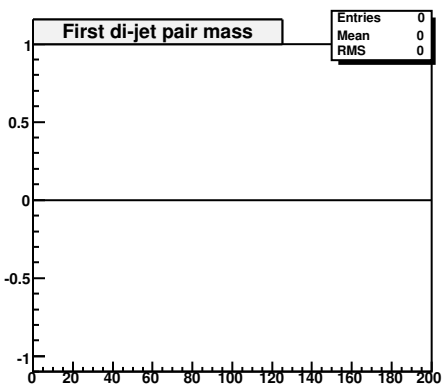


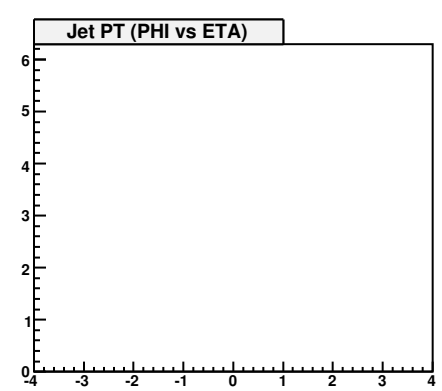




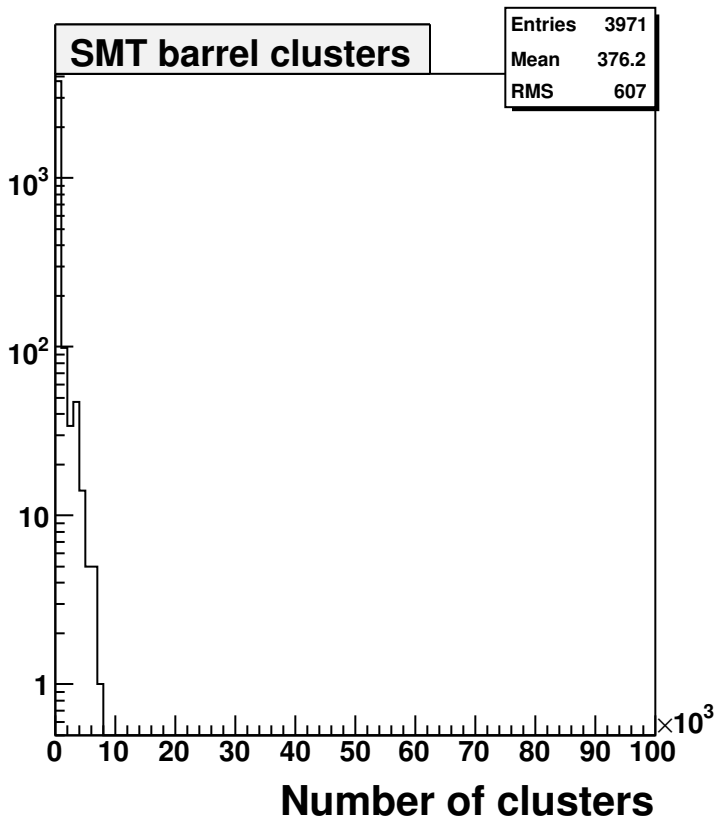


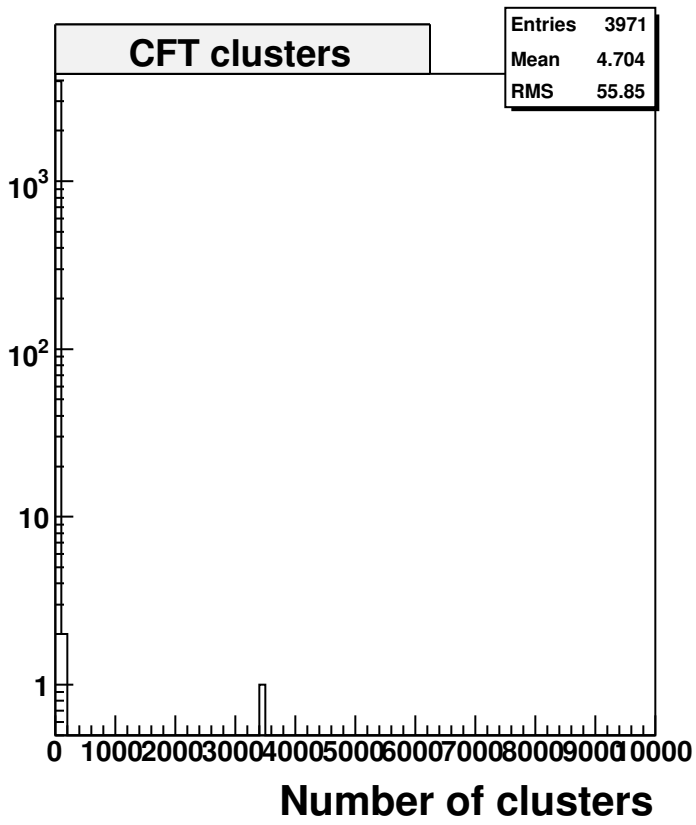


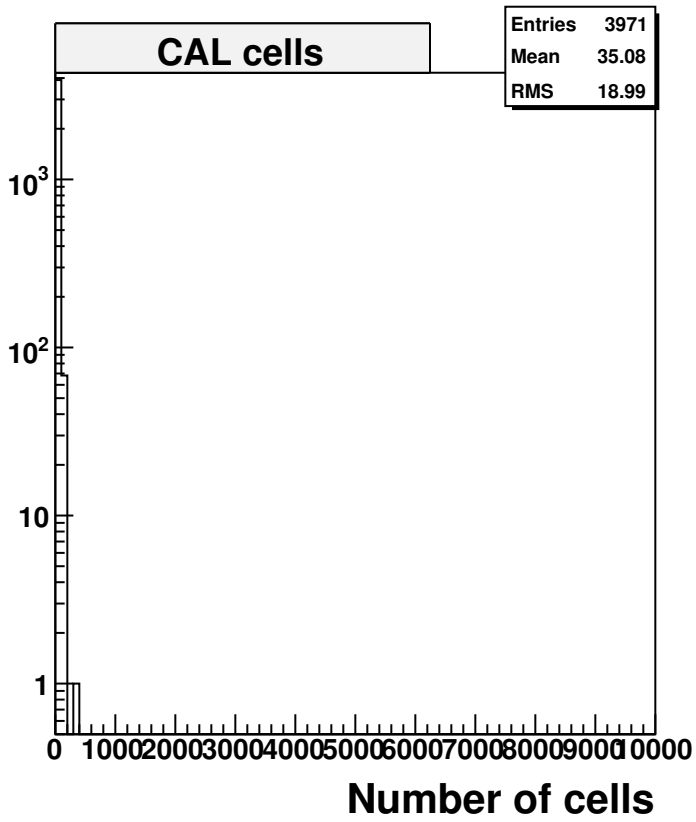


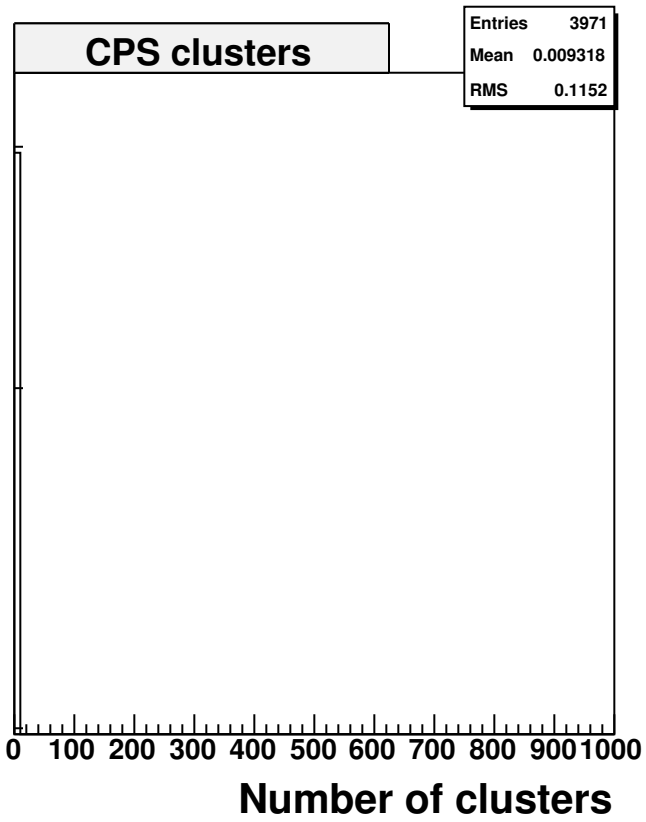


Jets (Cone R 0.7 (standard cuts, MET>30))

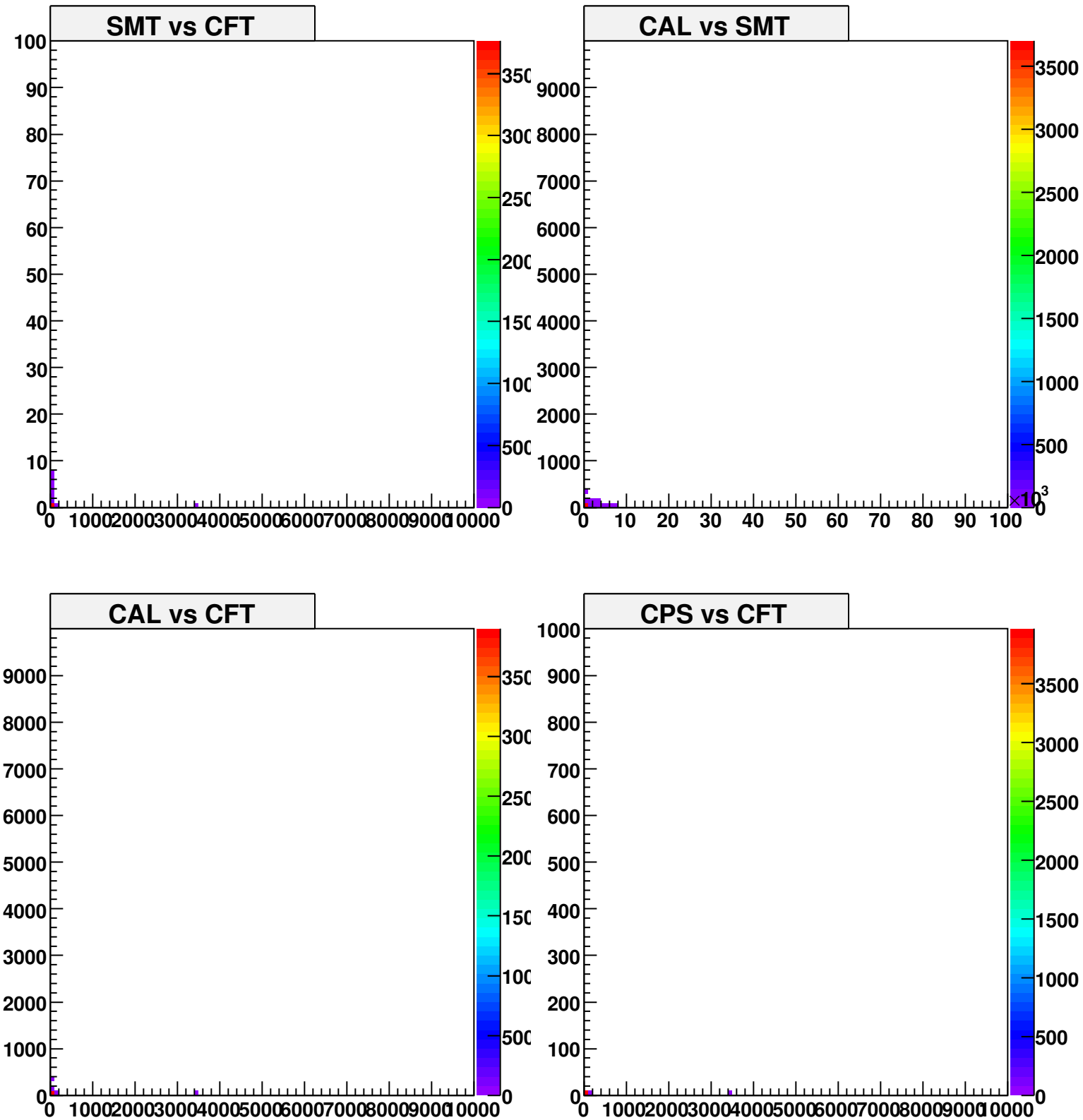


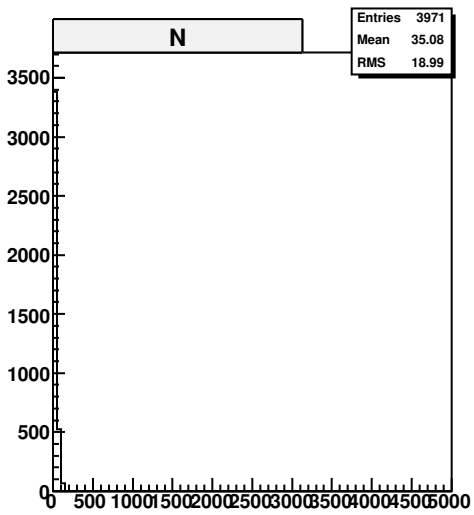


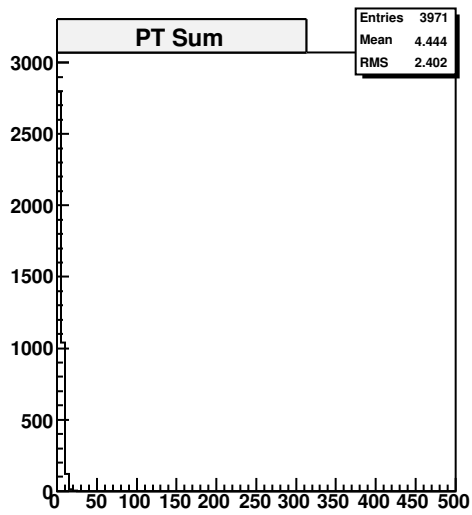


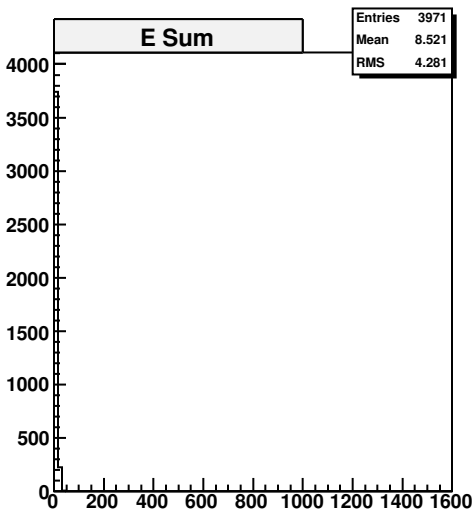


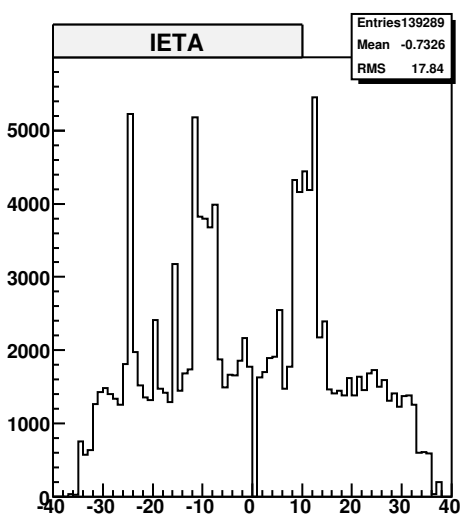
Detector Occupancy (Detector)

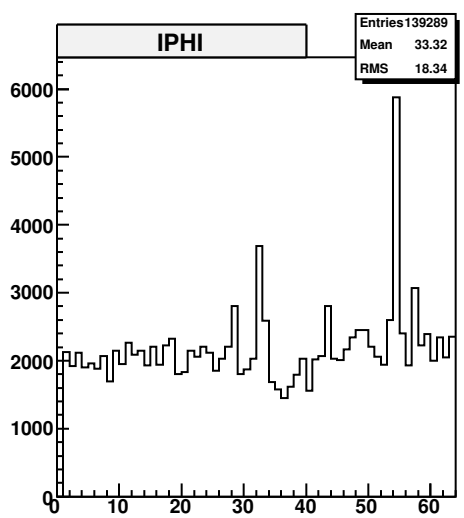

SMT vs CFT
CAL vs SMT
CAL vs CFT
CPS vs CFT
Detector Occupancy (Detector)

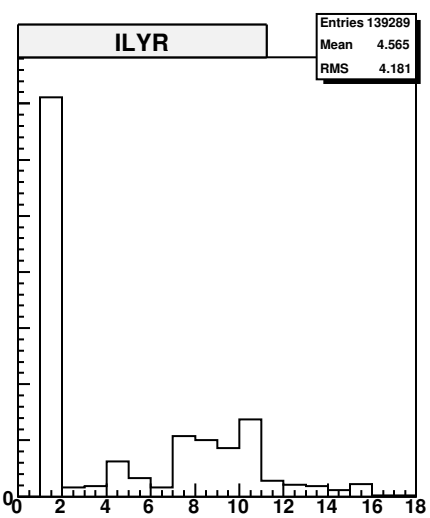


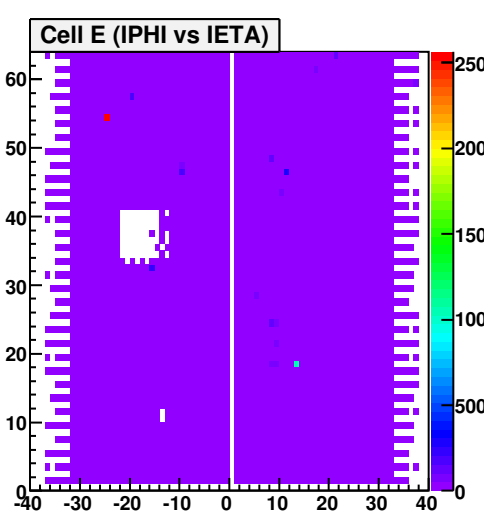


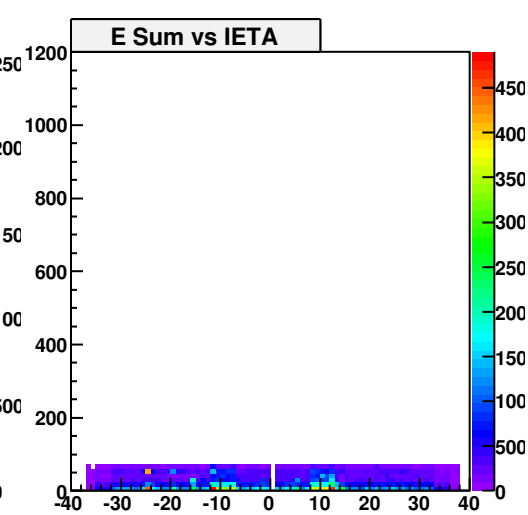


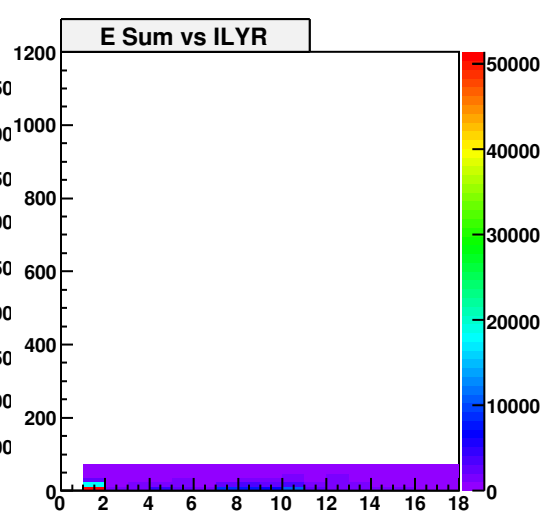




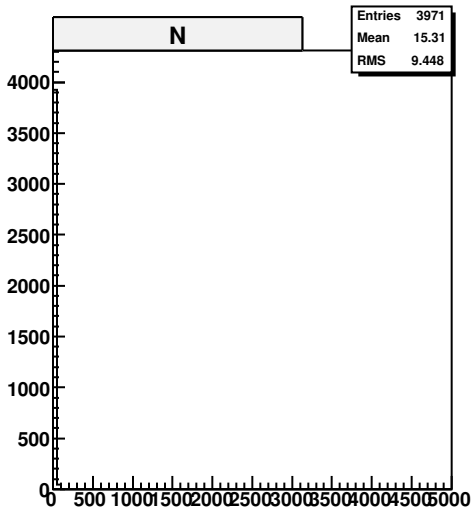


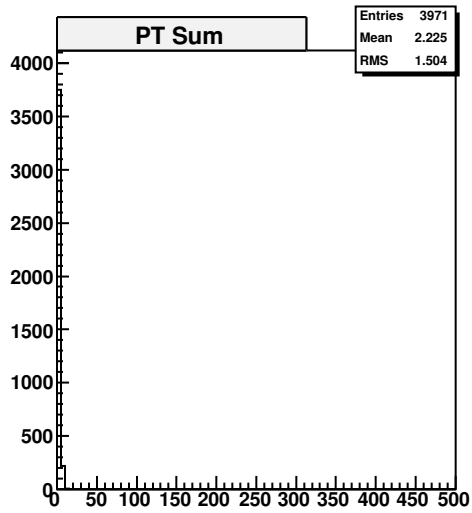


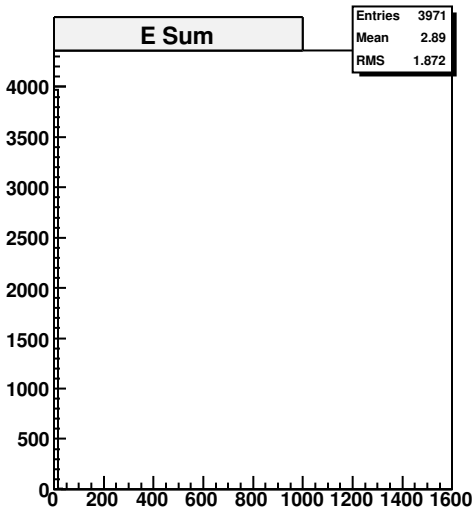


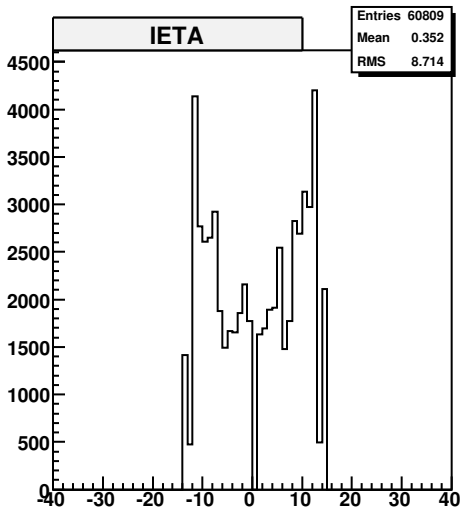


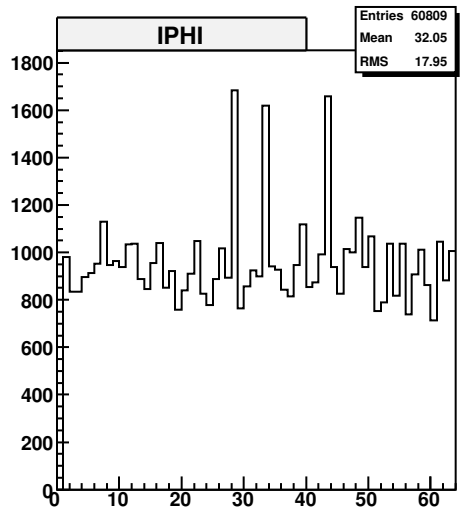
Calorimeter (All cells)

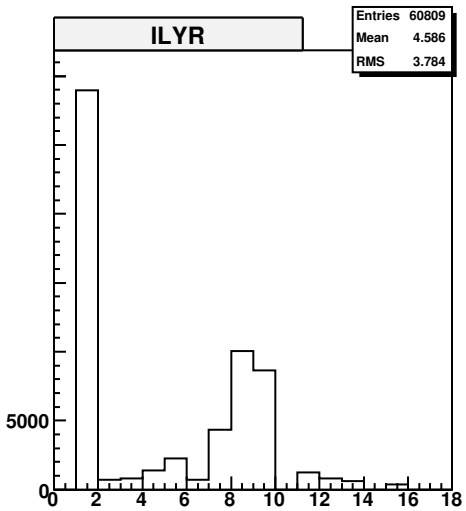


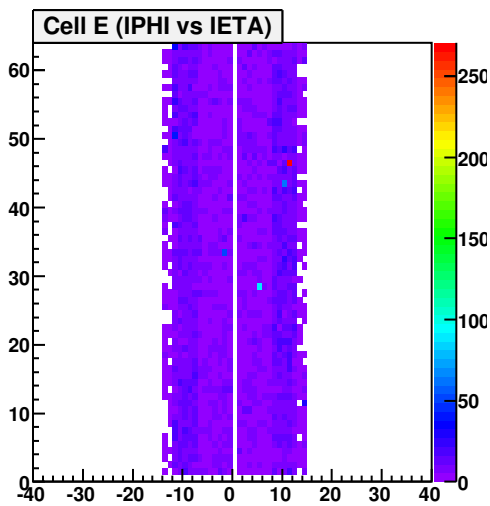


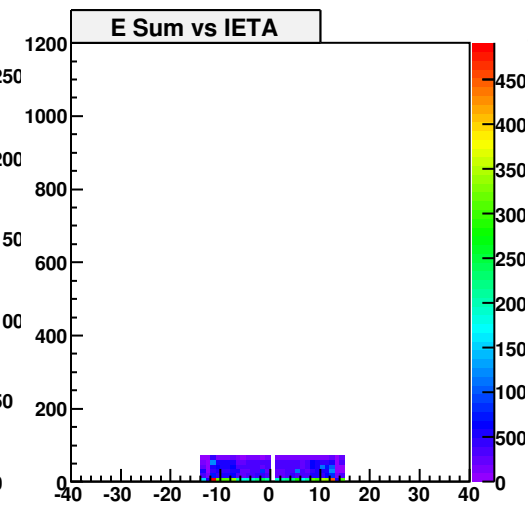


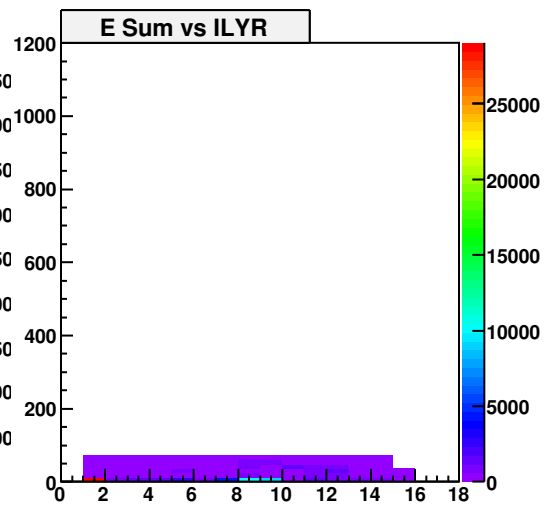




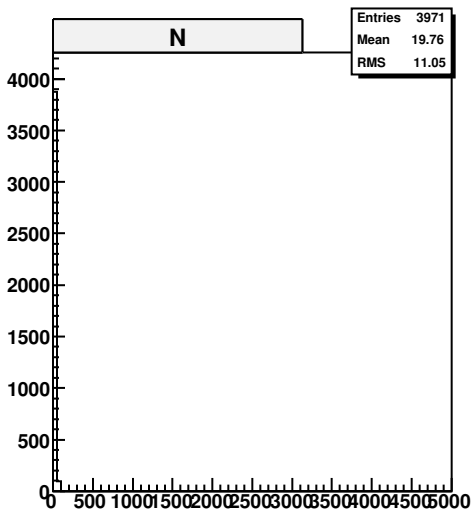


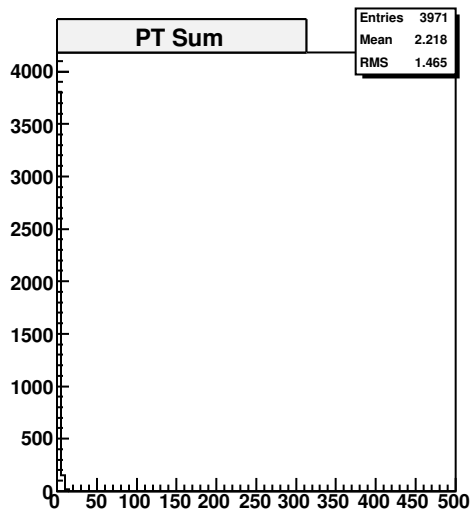


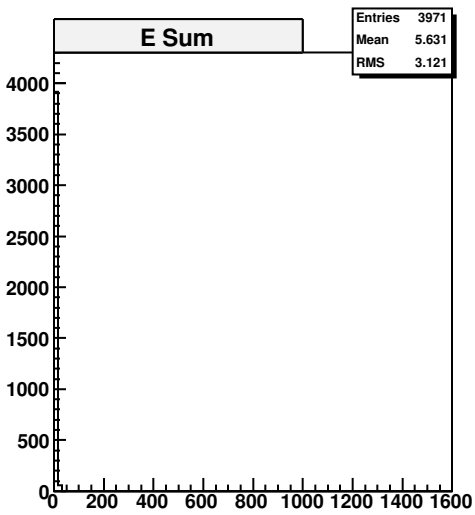


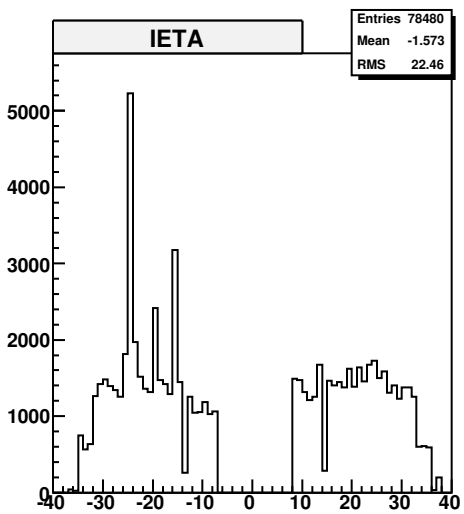


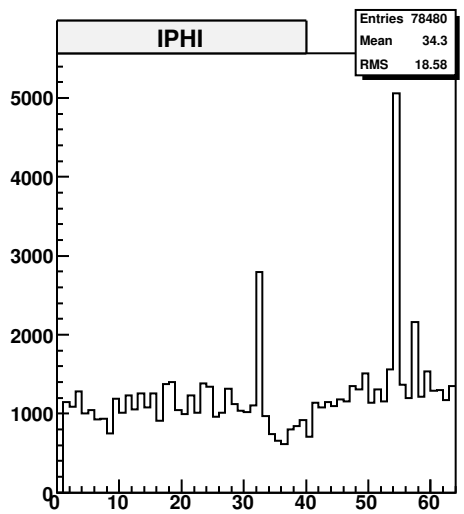
Calorimeter (All CC cells)

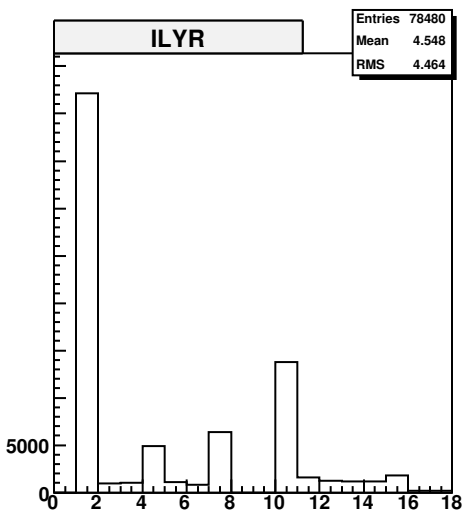


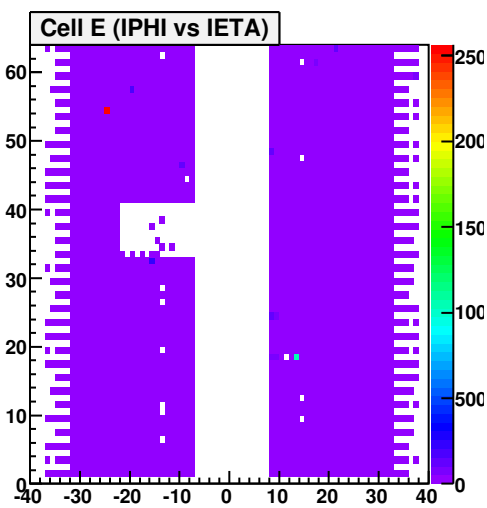


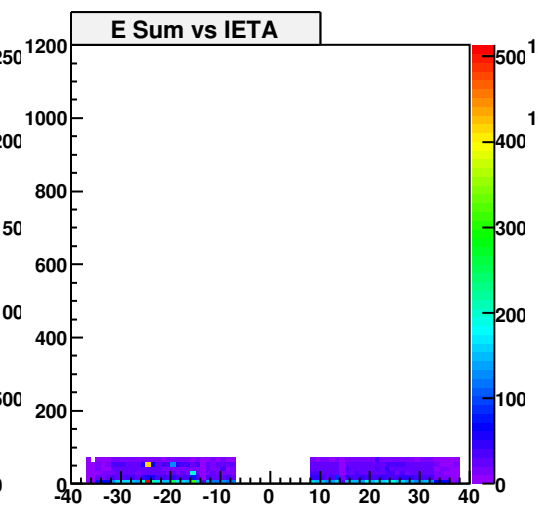


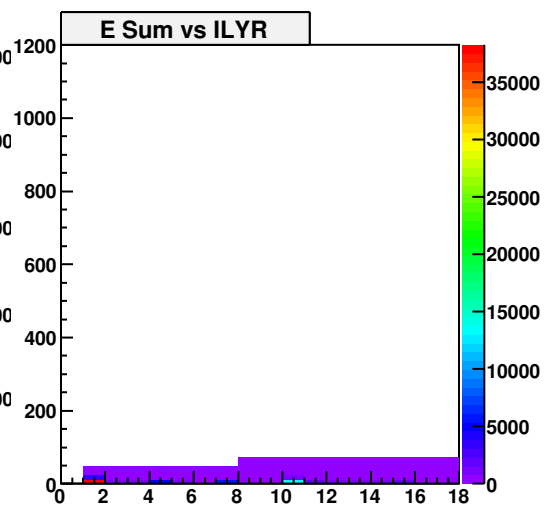




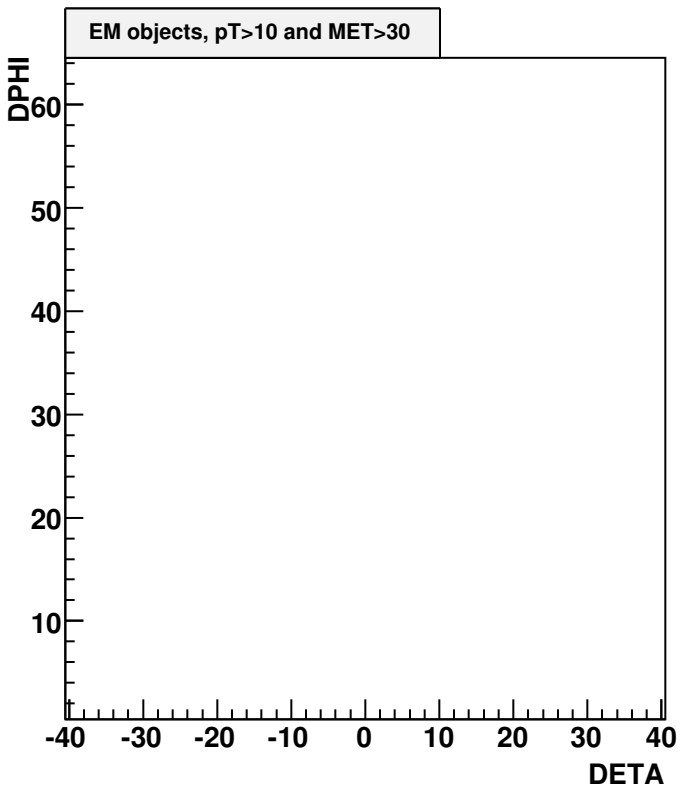


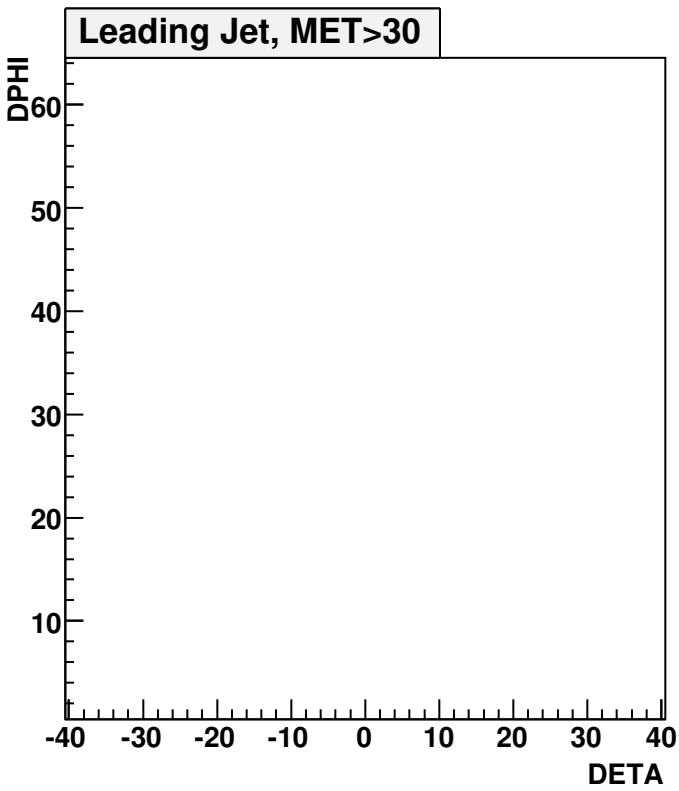


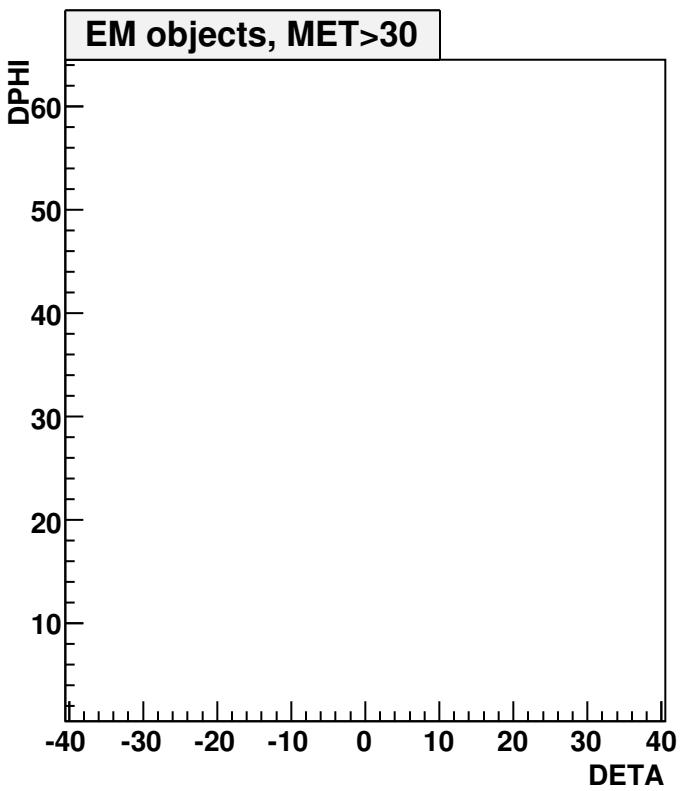


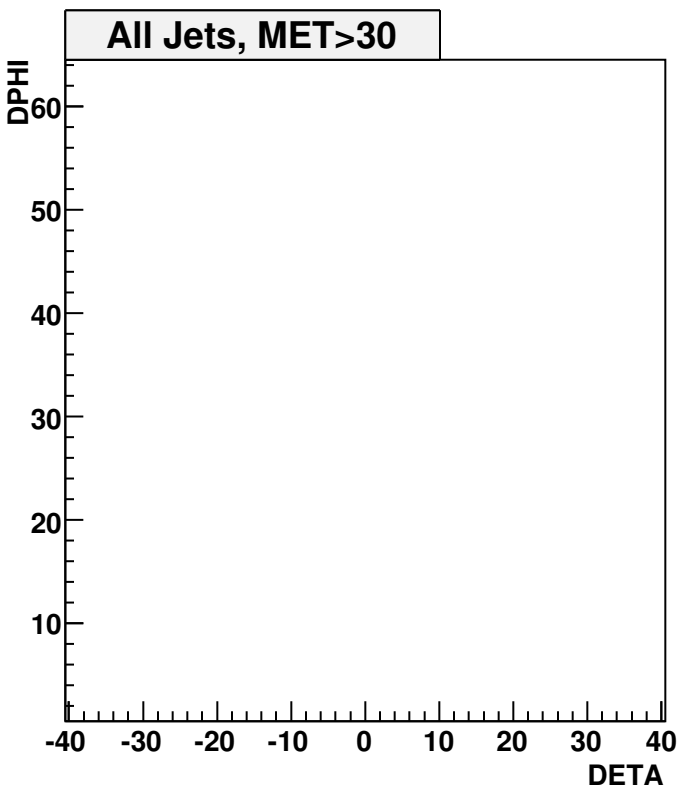


Calorimeter (All EC cells)

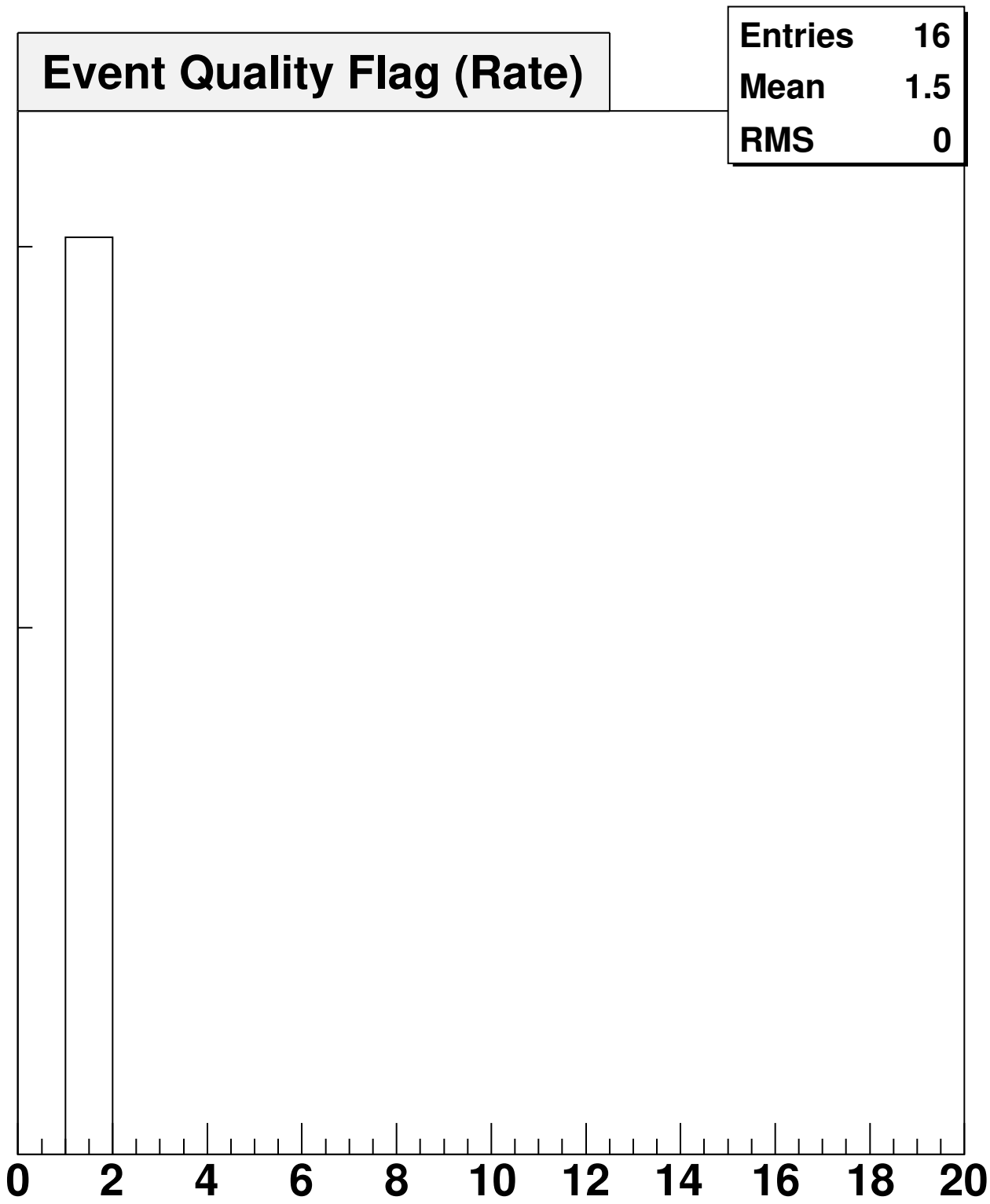


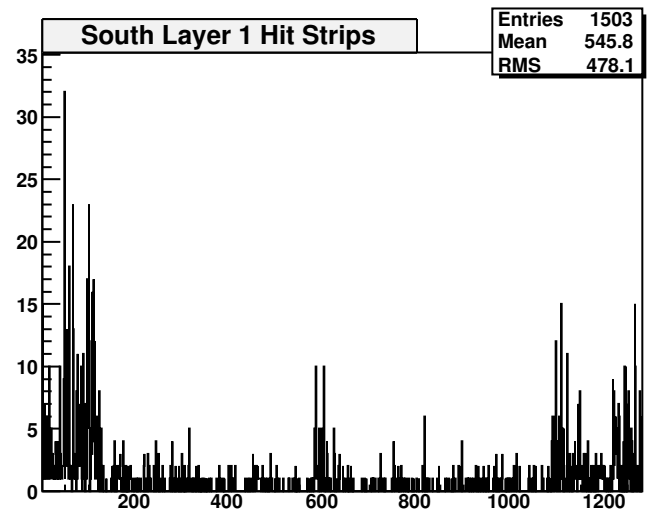


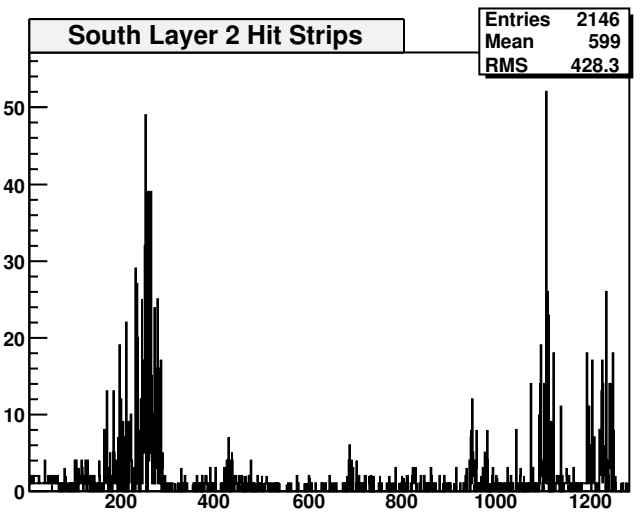


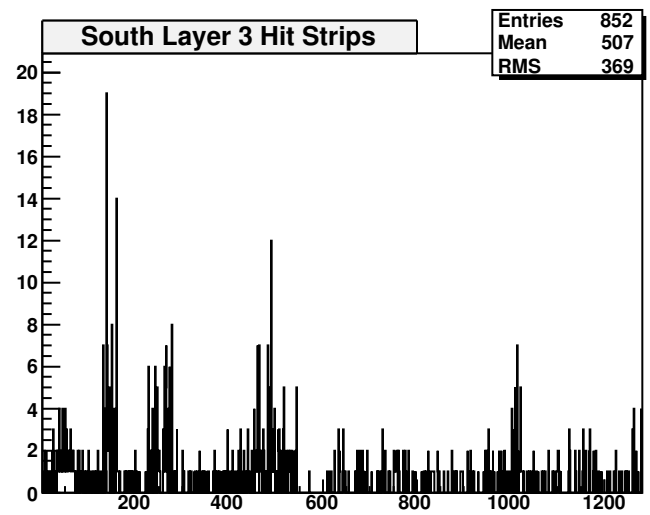


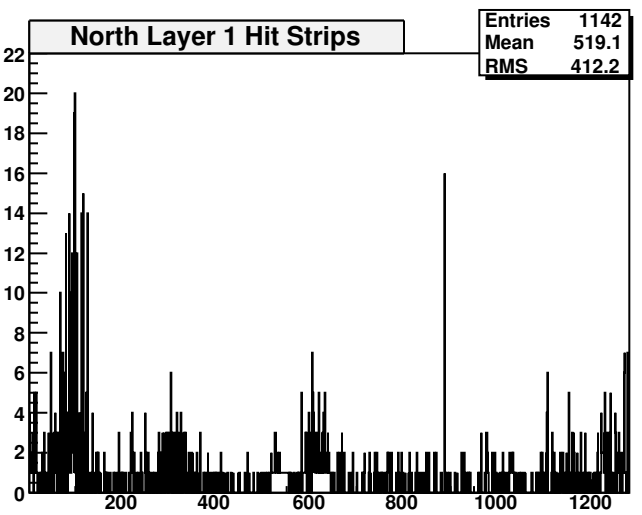
Cal Objects with MET>30 (All cells)

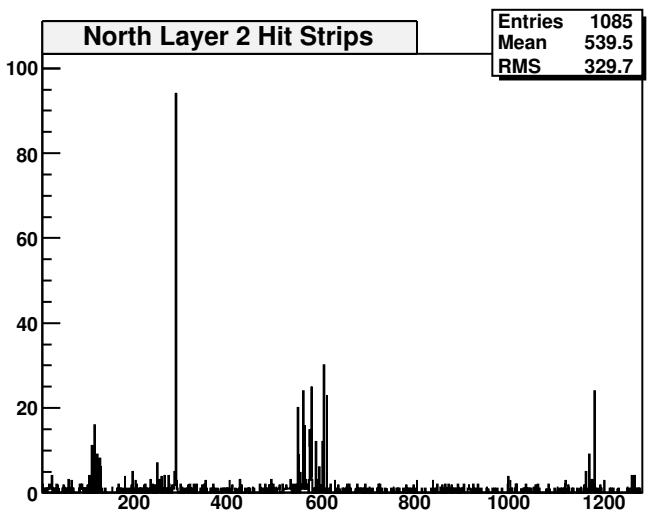

Event Quality Flag (Rate)
Entries 16
Mean 1.5
RMS 0
0 2 4 6 8 10 12 14 16 18 20
Calorimeter Event Quality (All cells)

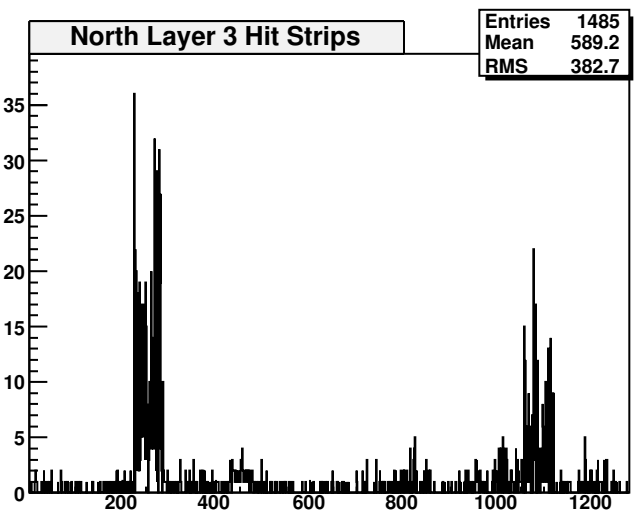




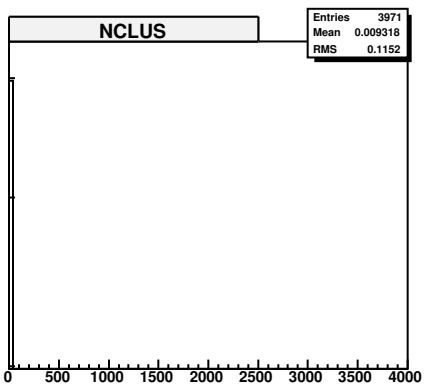


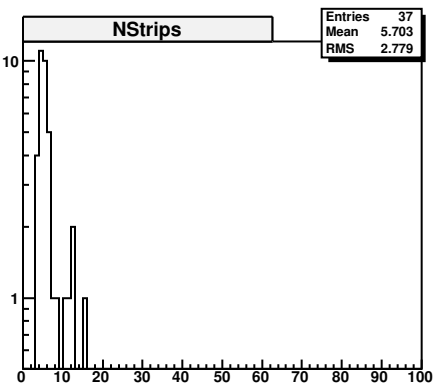


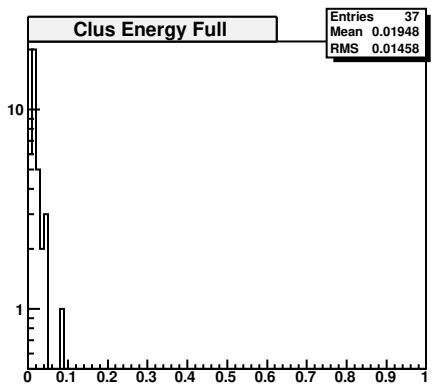


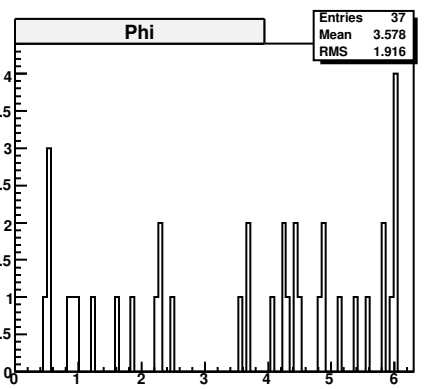


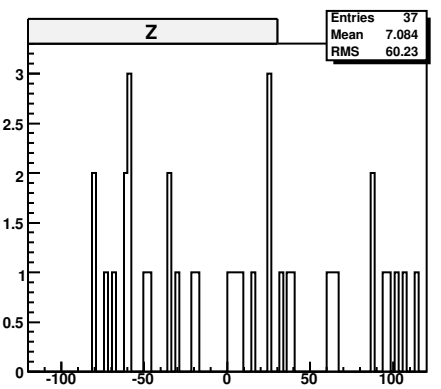
CPS Hit Strips (All Clusters)

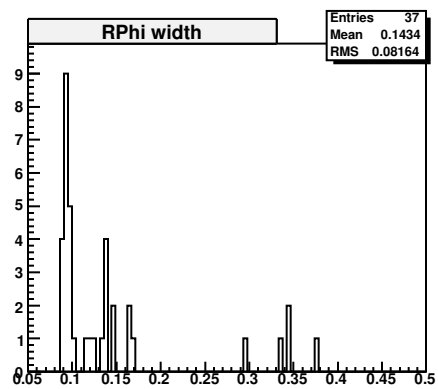


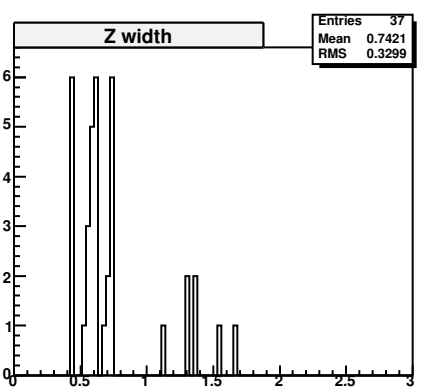


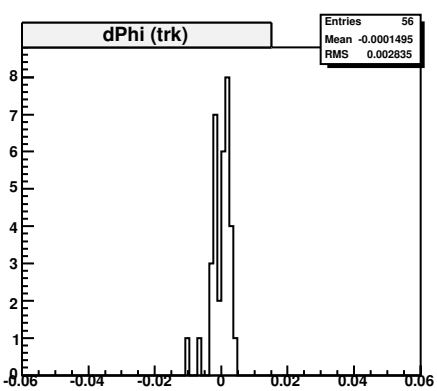


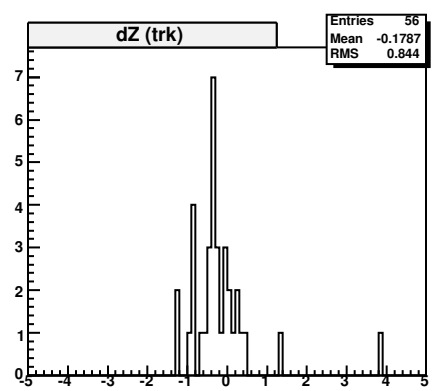


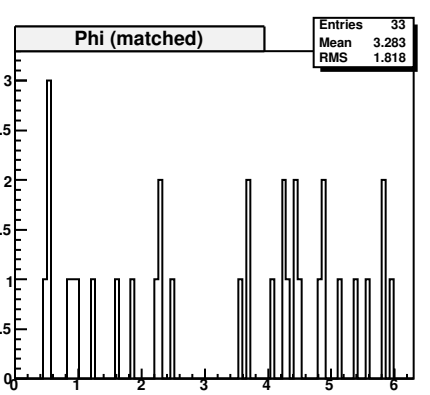


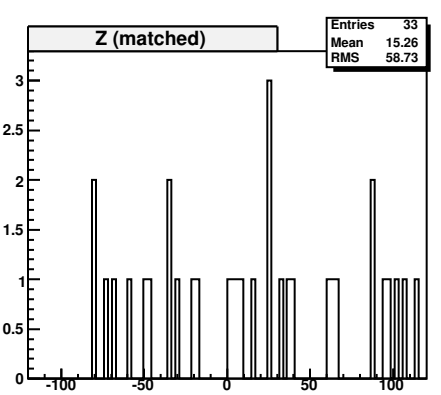




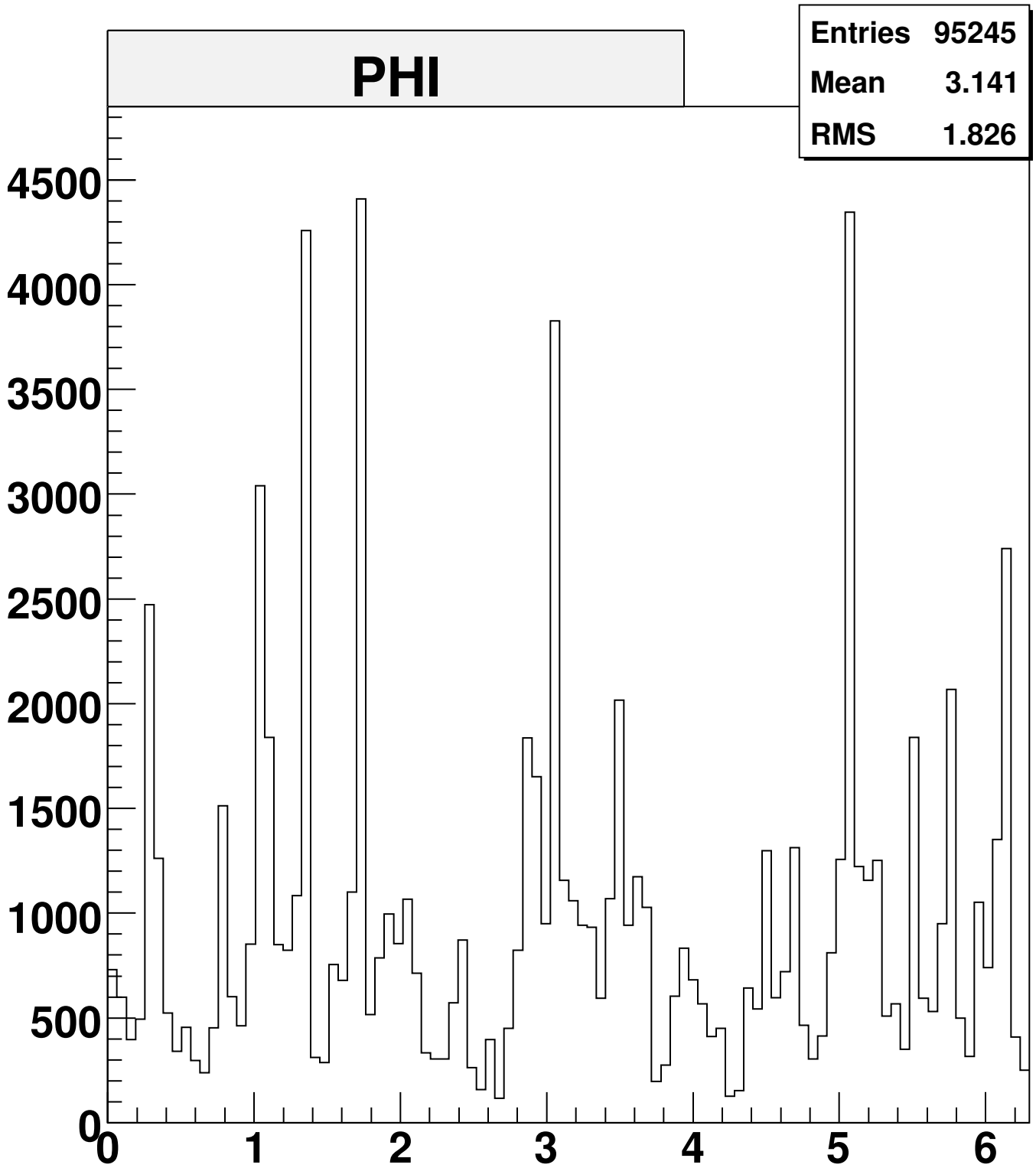


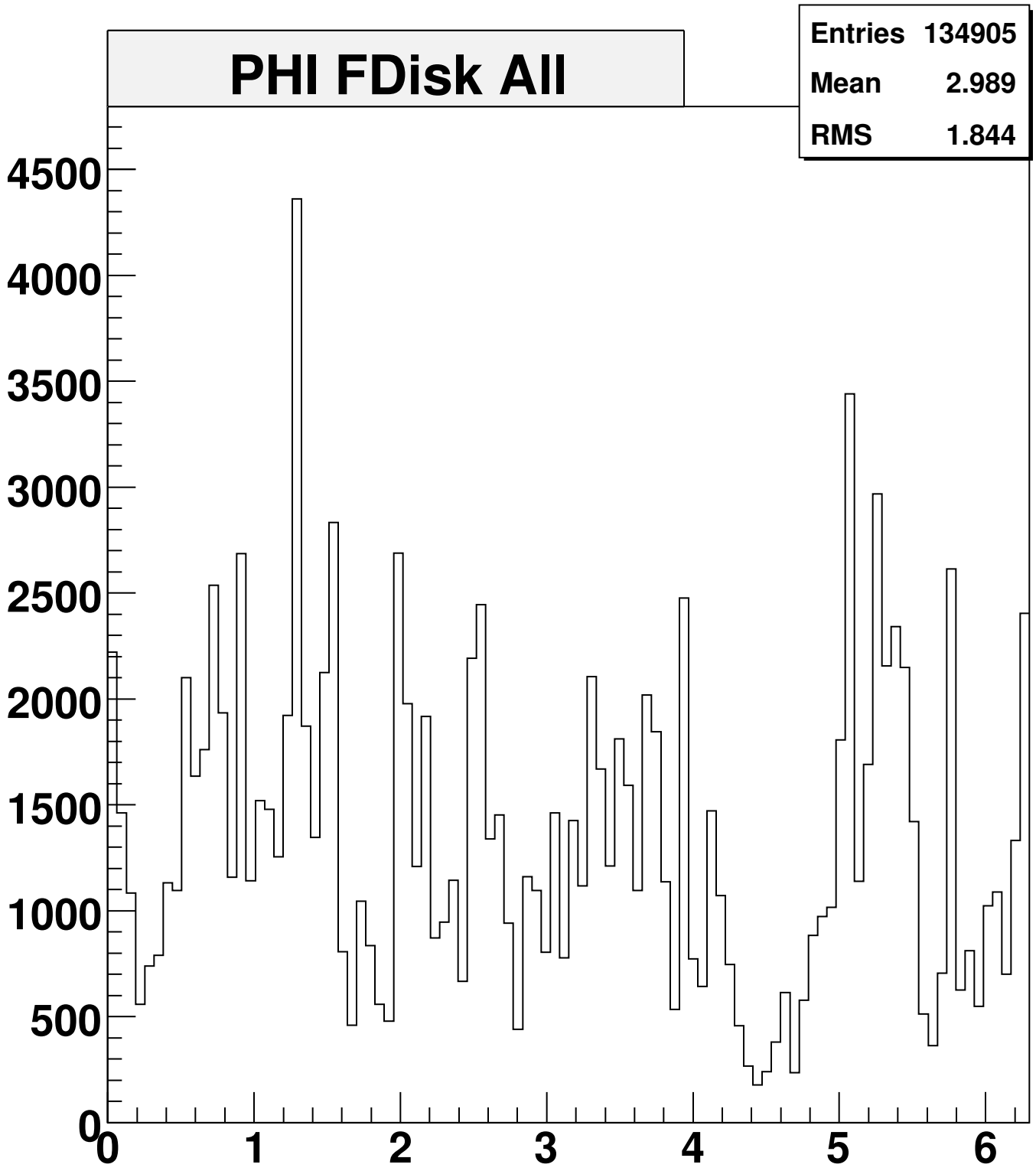


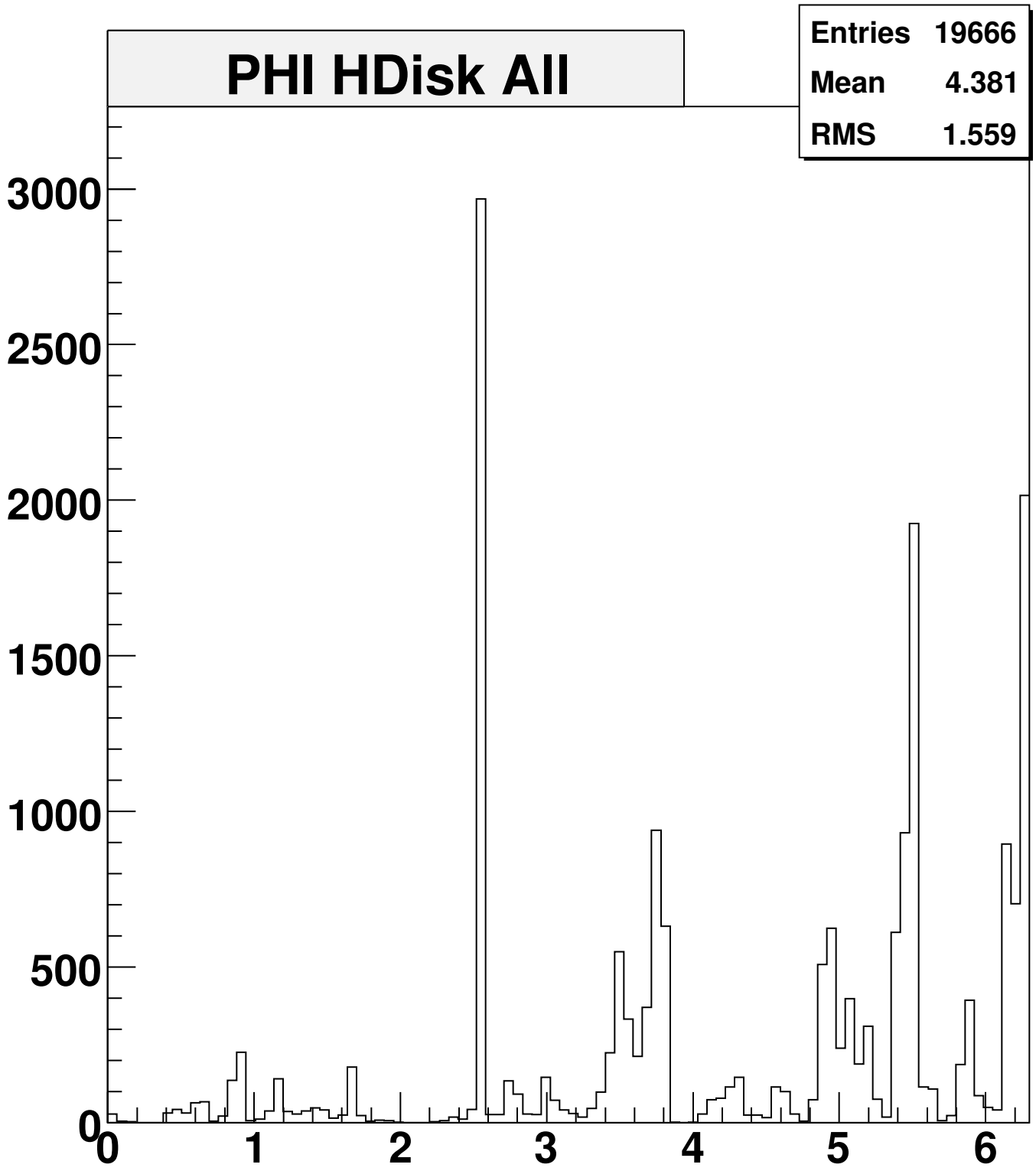


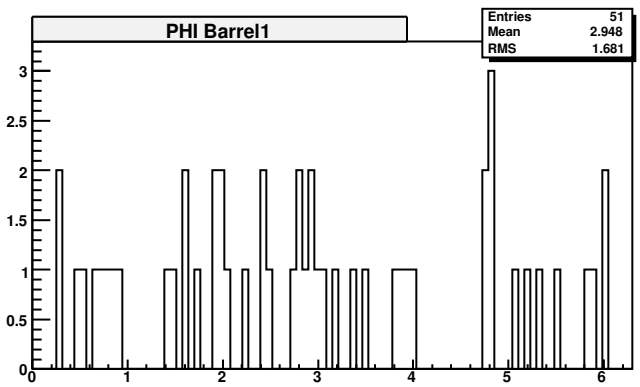


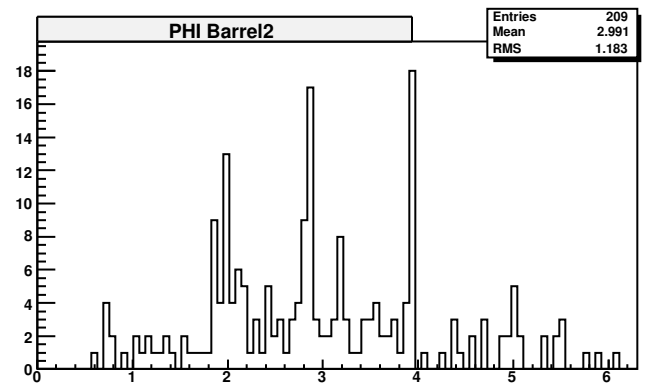
CPS Clusters (All Clusters)

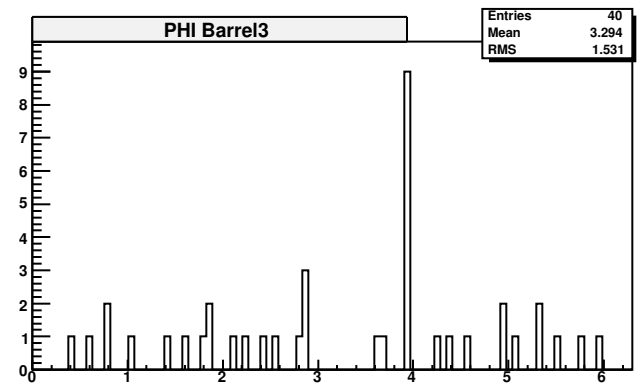

PHI
Entries 95245
Mean 3.141
RMS 1.826
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
SmtClusters (allBarClusters)

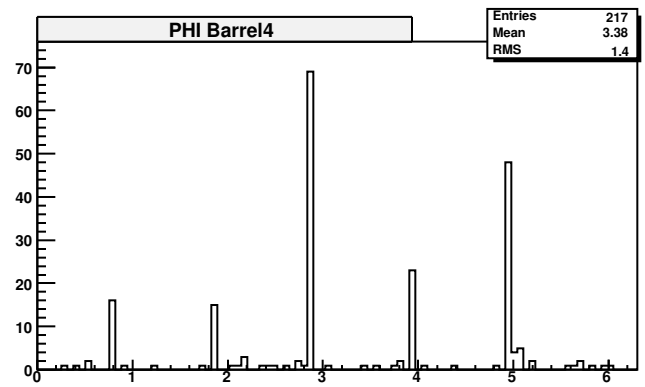

PHI FDisk All
Entries 134905
Mean 2.989
RMS 1.844
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

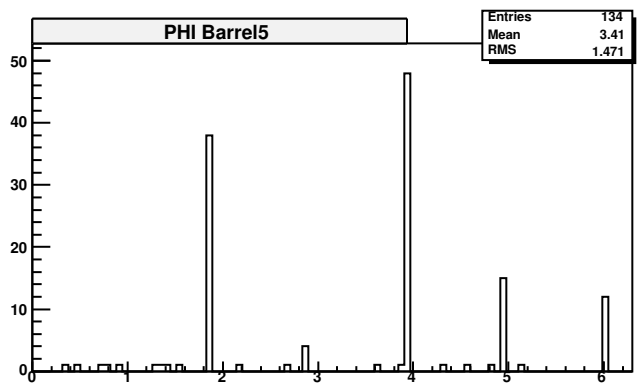

PHI HDisk All
Entries 19666
Mean 4.381
RMS 1.559
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)

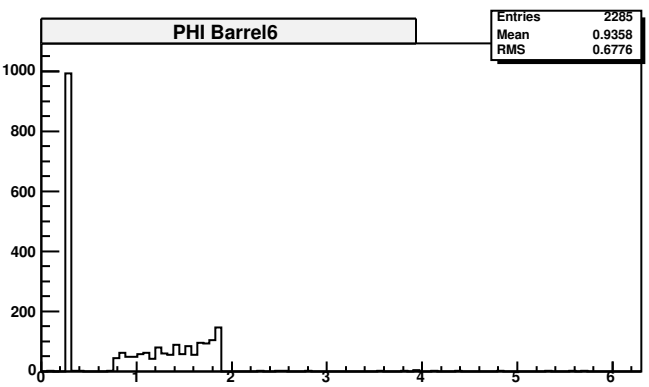


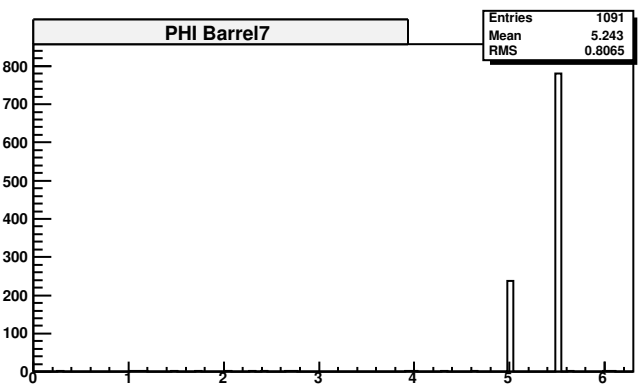


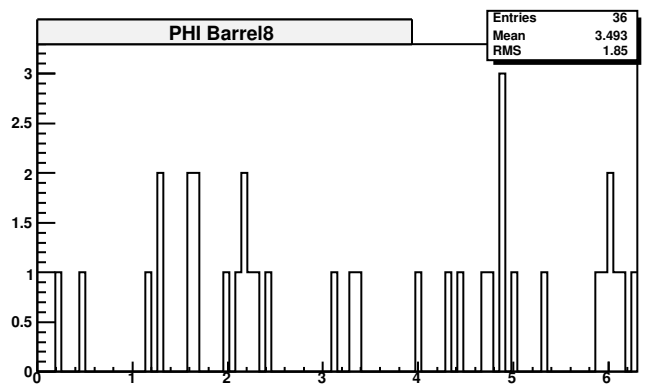




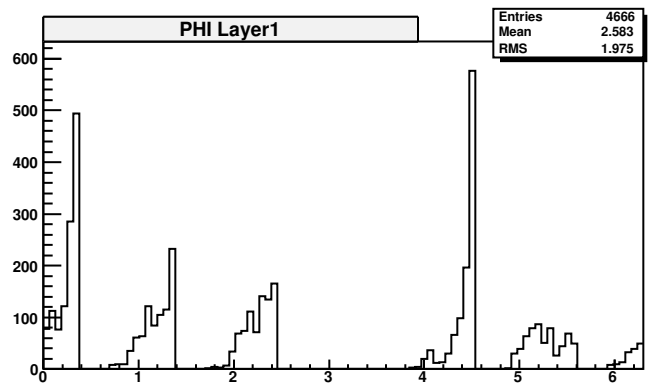


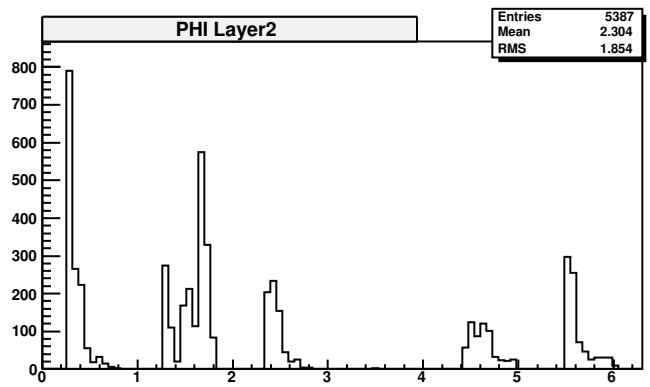


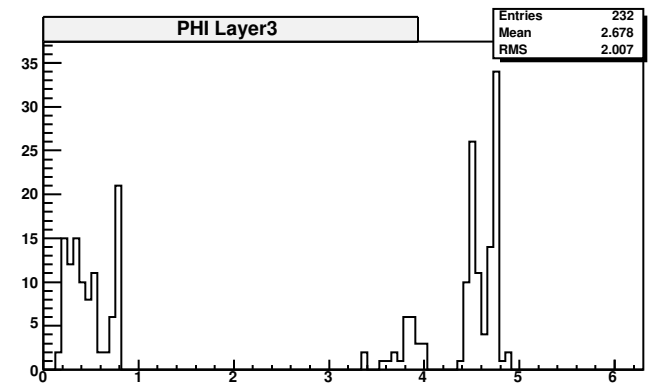


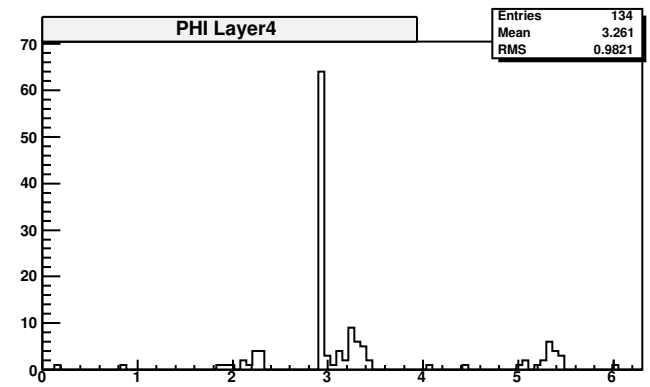


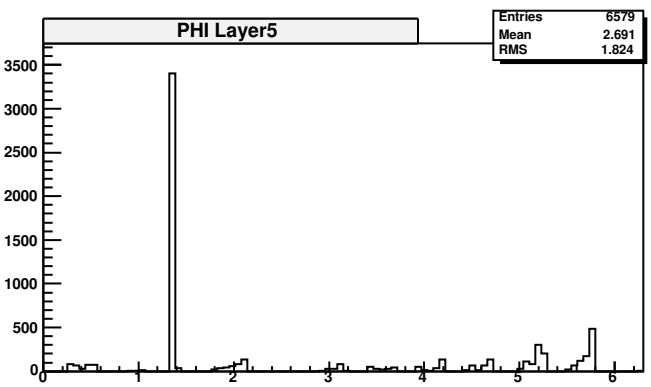
SmtClusters (ClustrLayer0)

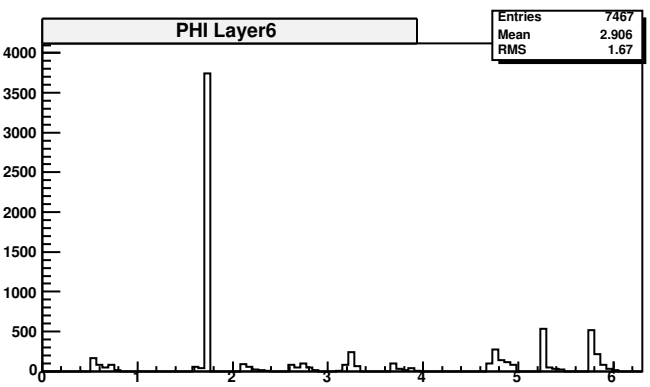


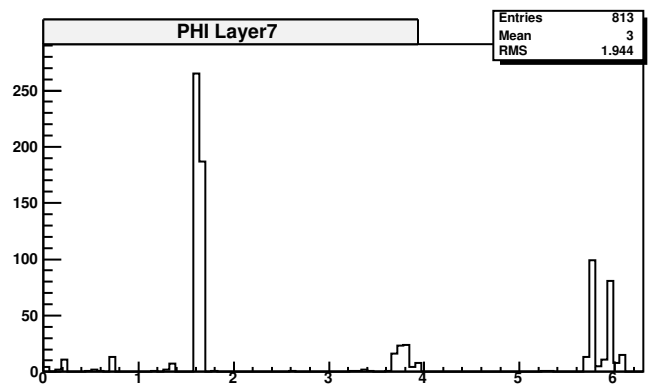


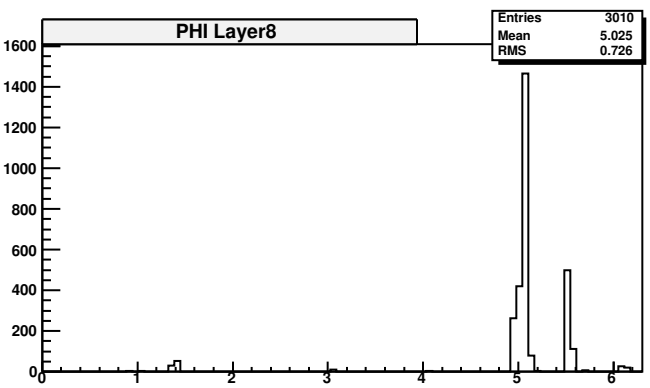




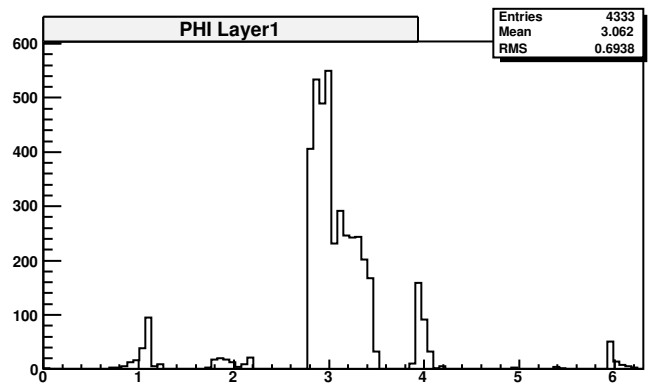


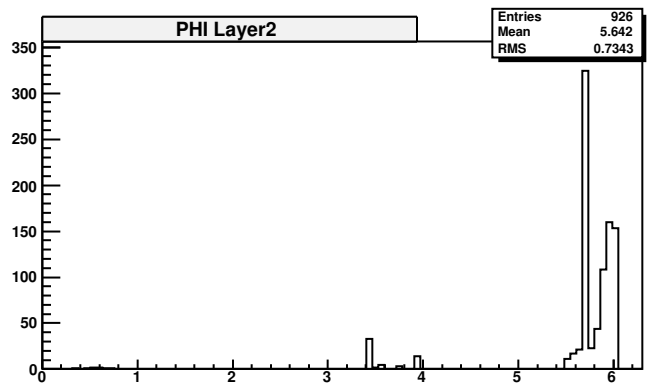


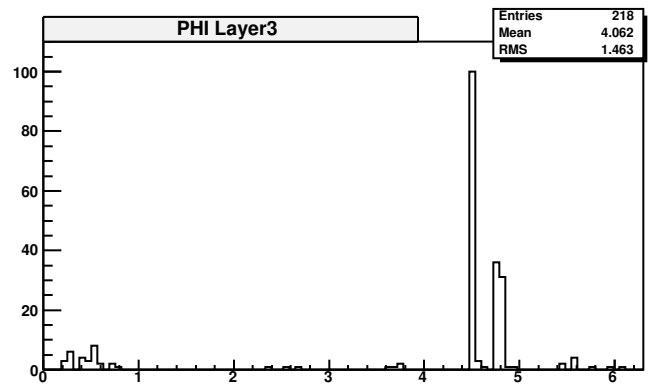


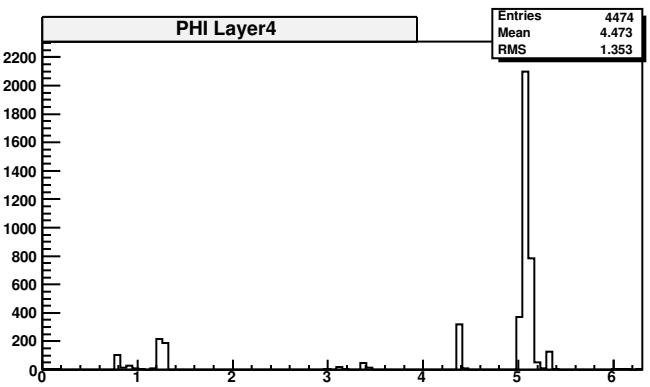


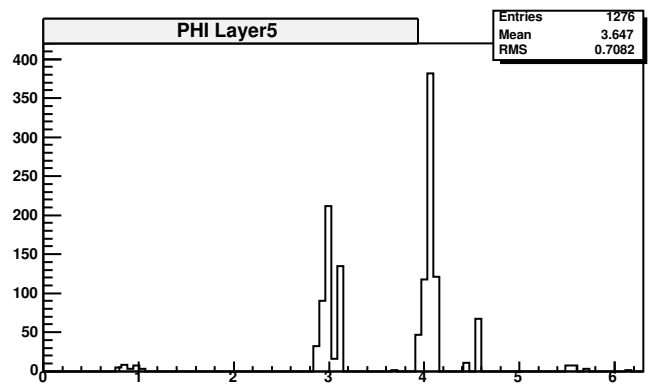
SmtClusters (ClustrBar1)

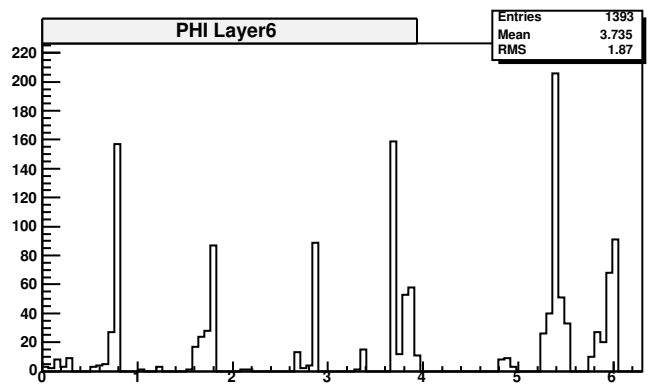


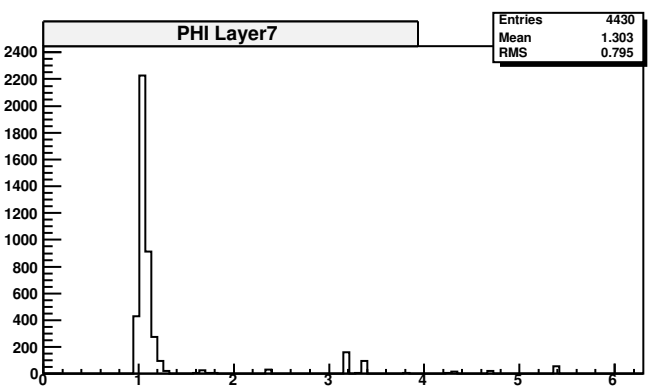


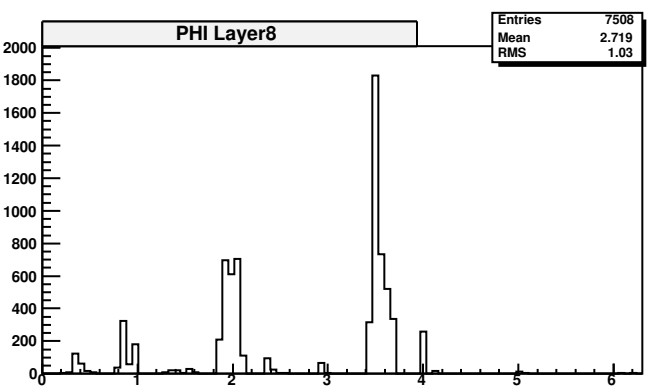




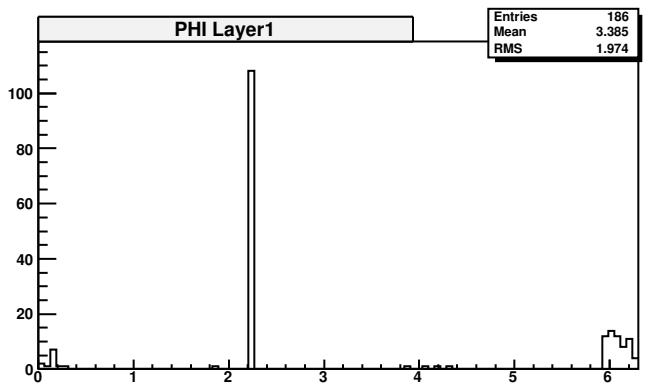


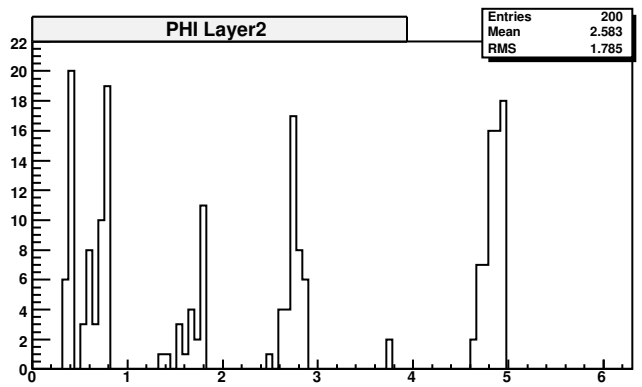


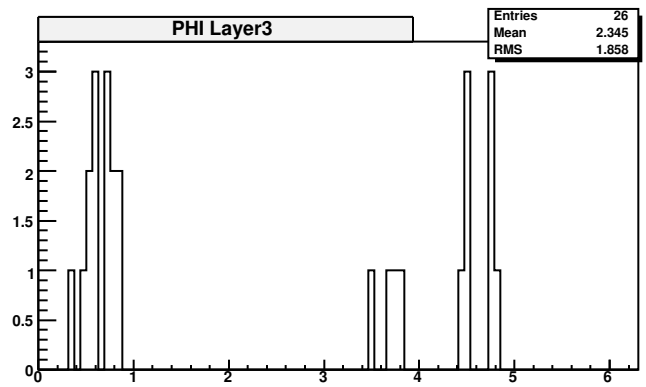


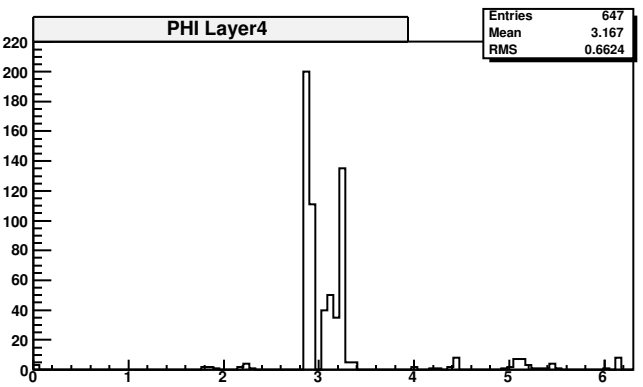


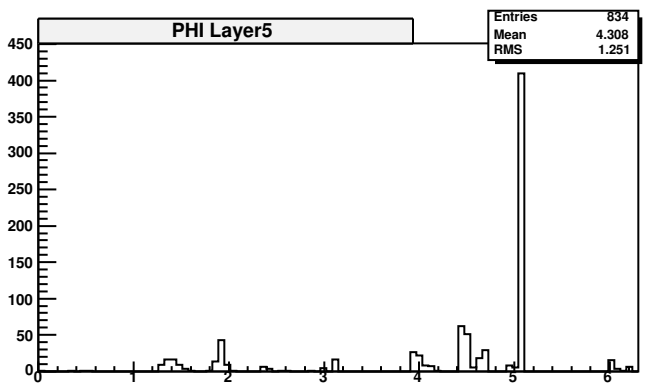
SmtClusters (ClustrBar2)

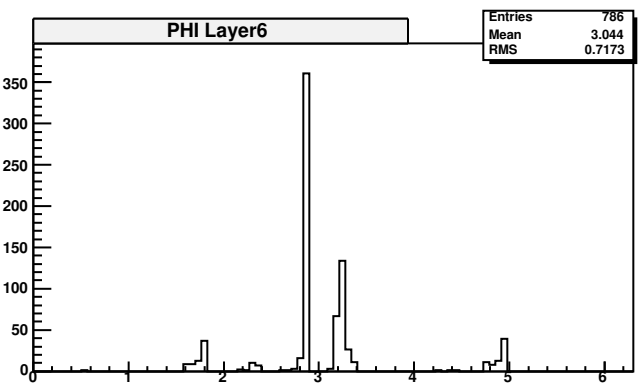


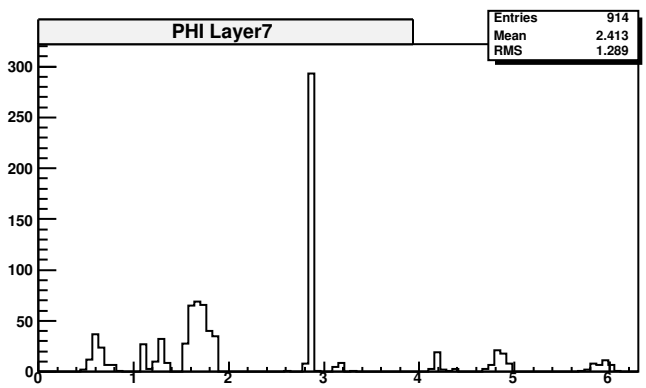


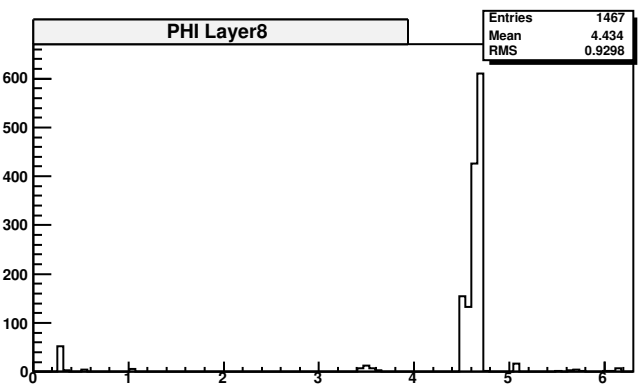




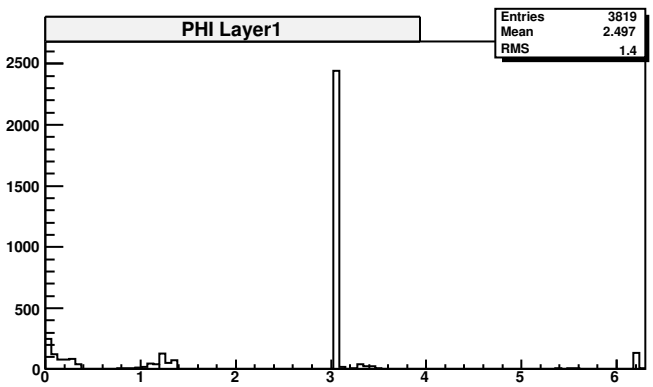


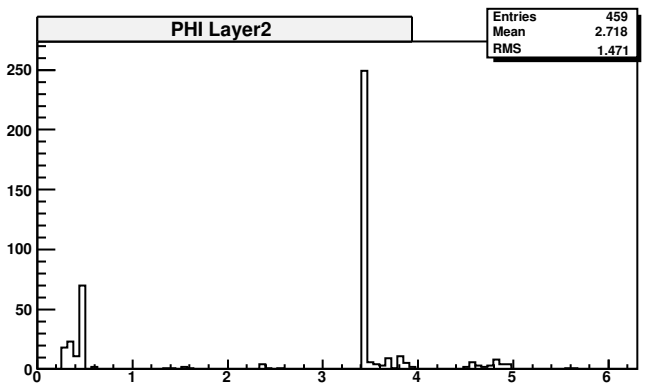


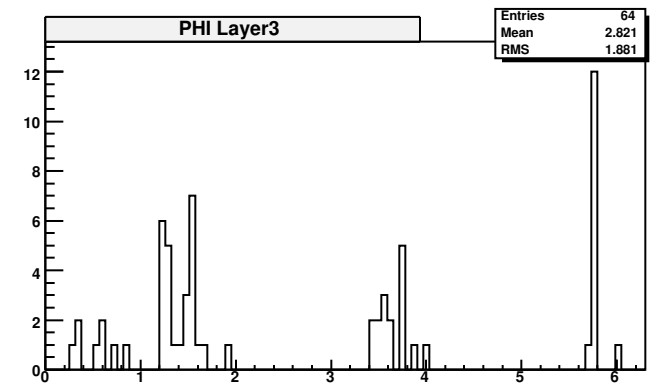


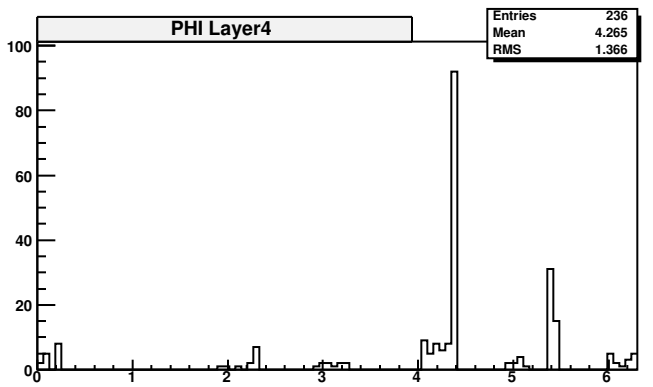


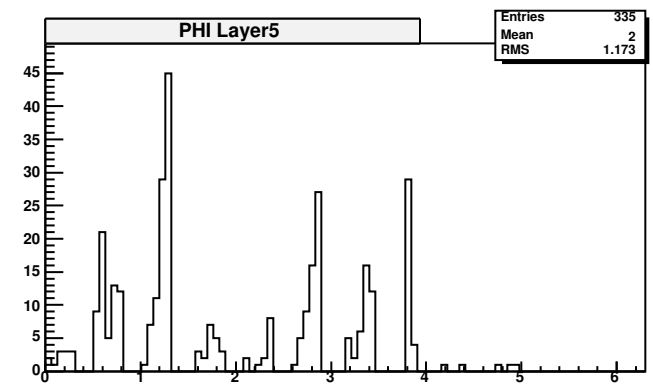
SmtClusters (ClustrBar3)

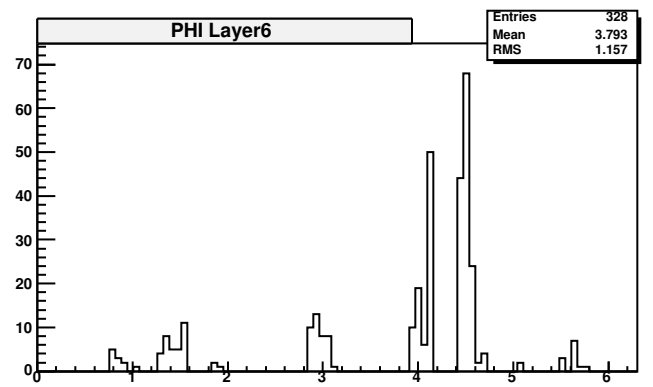


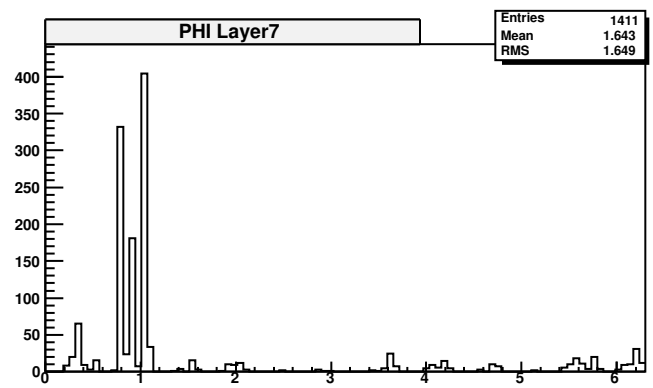


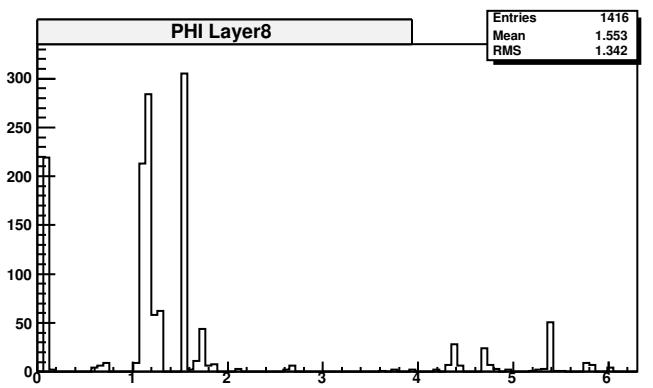




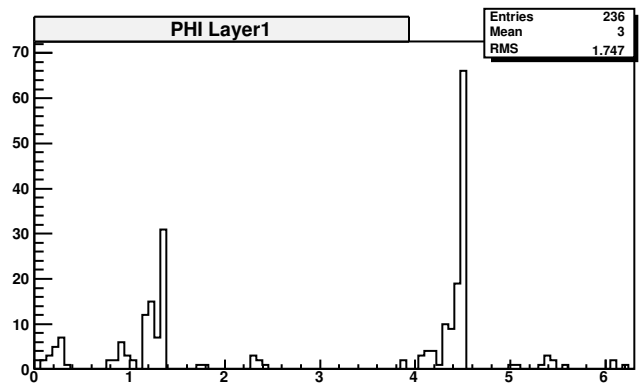


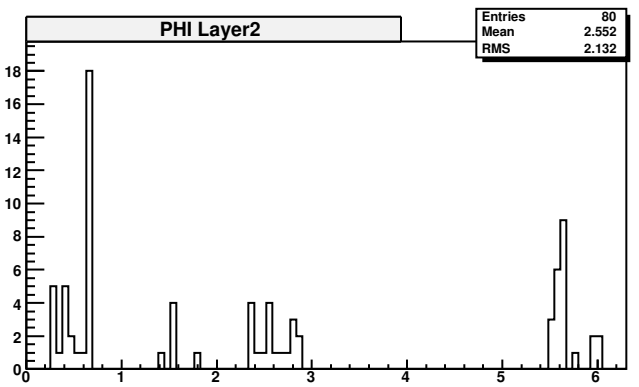


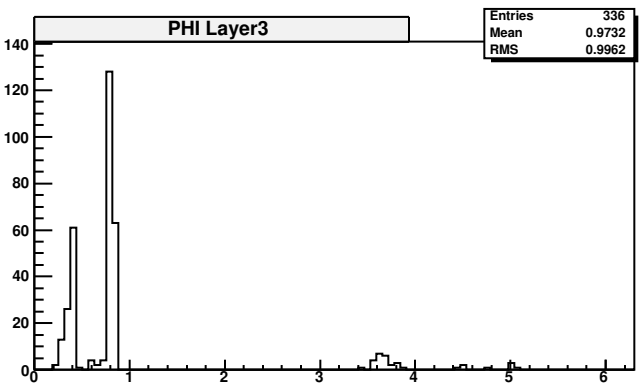


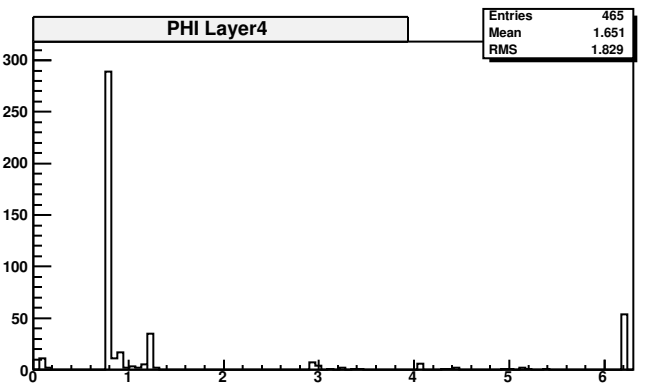


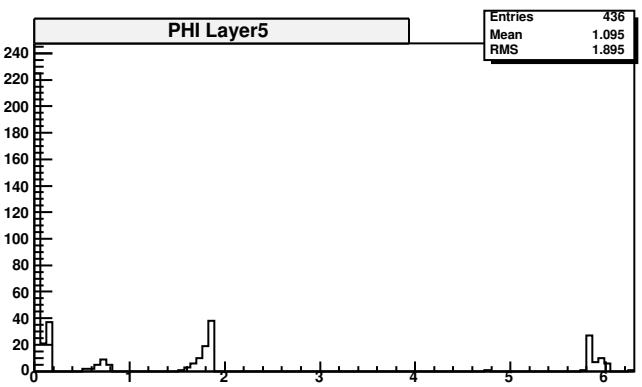
SmtClusters (ClustrBar4)

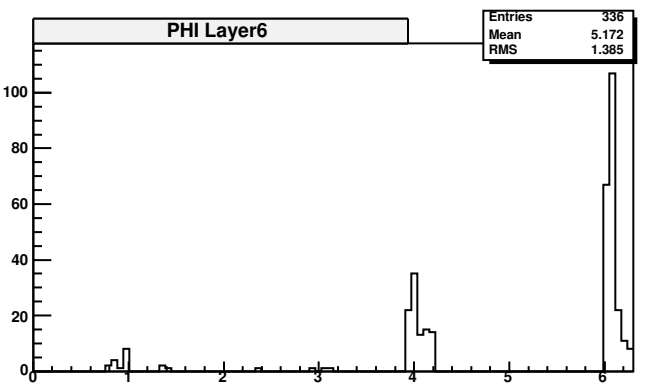


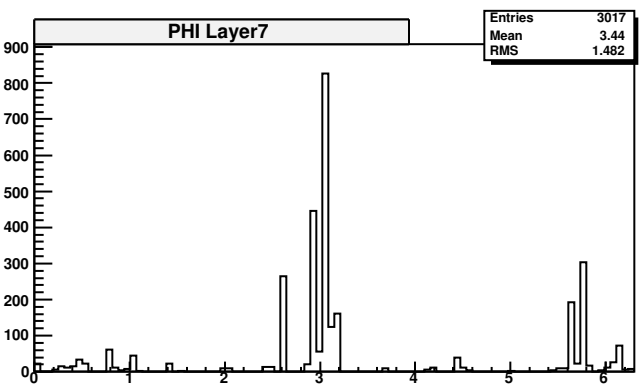


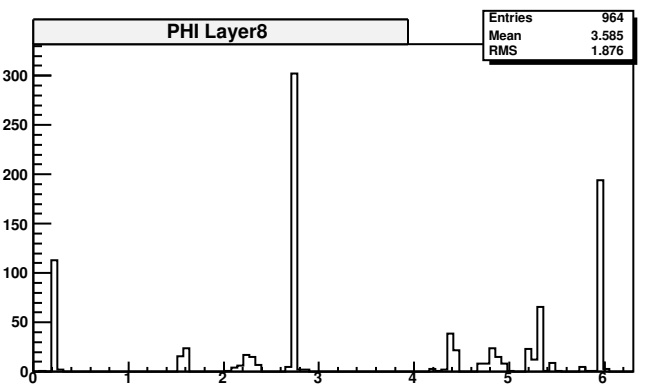




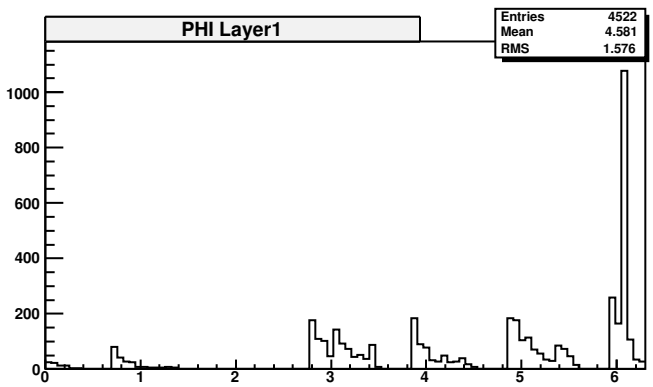


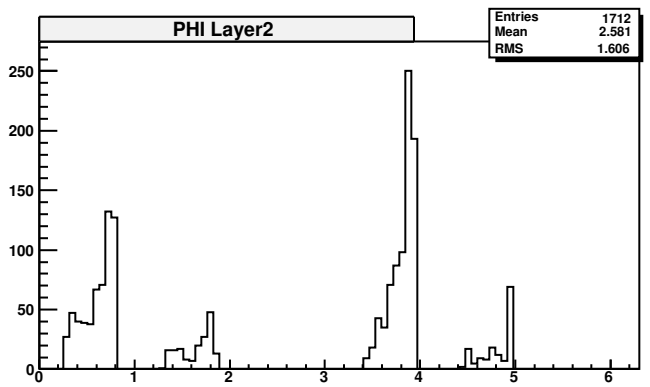


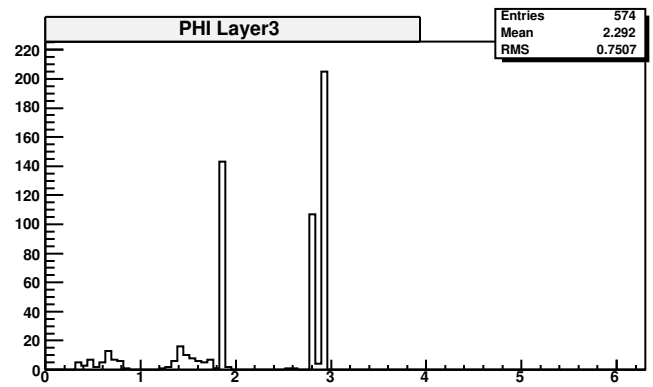


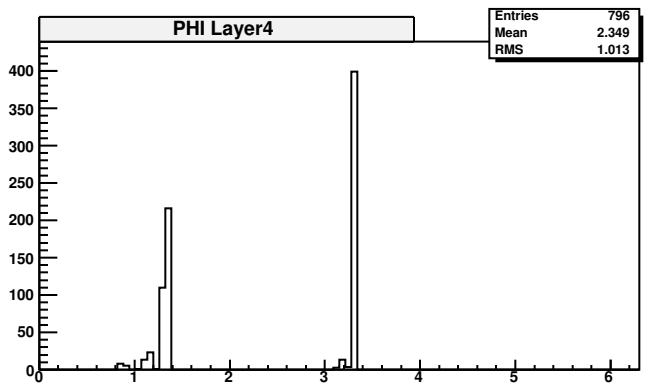


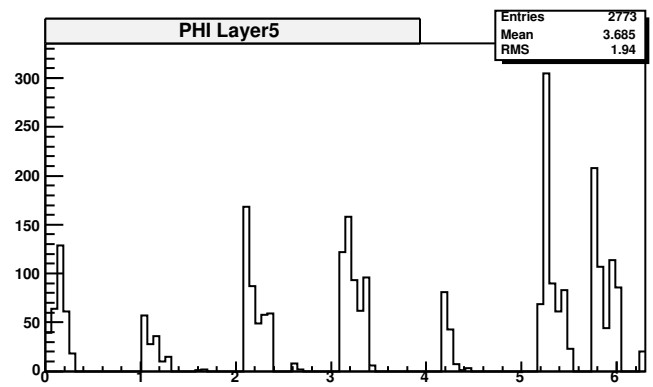
SmtClusters (ClustrBar5)

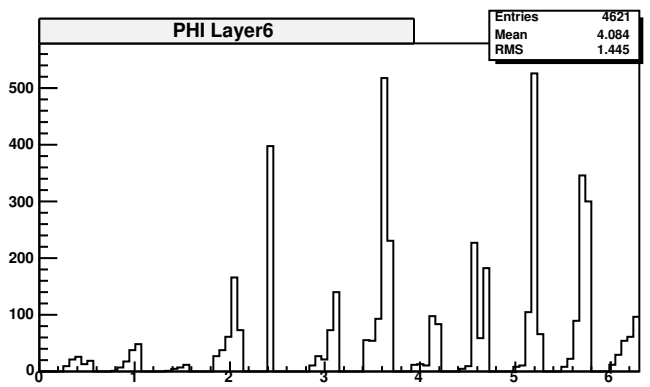


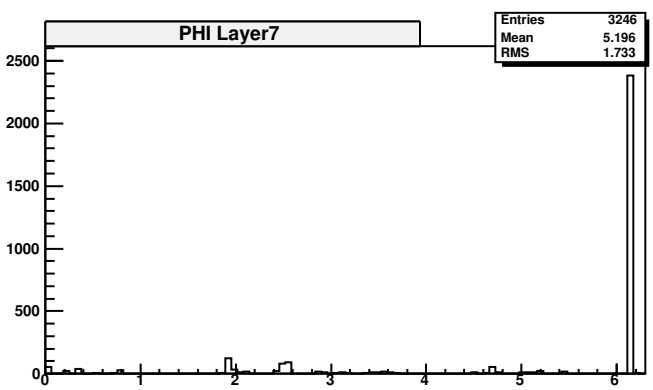


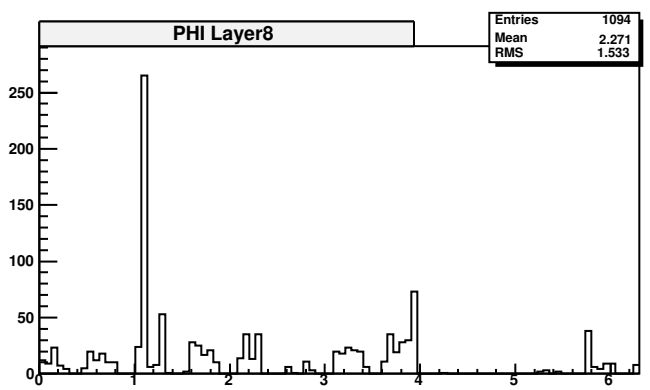




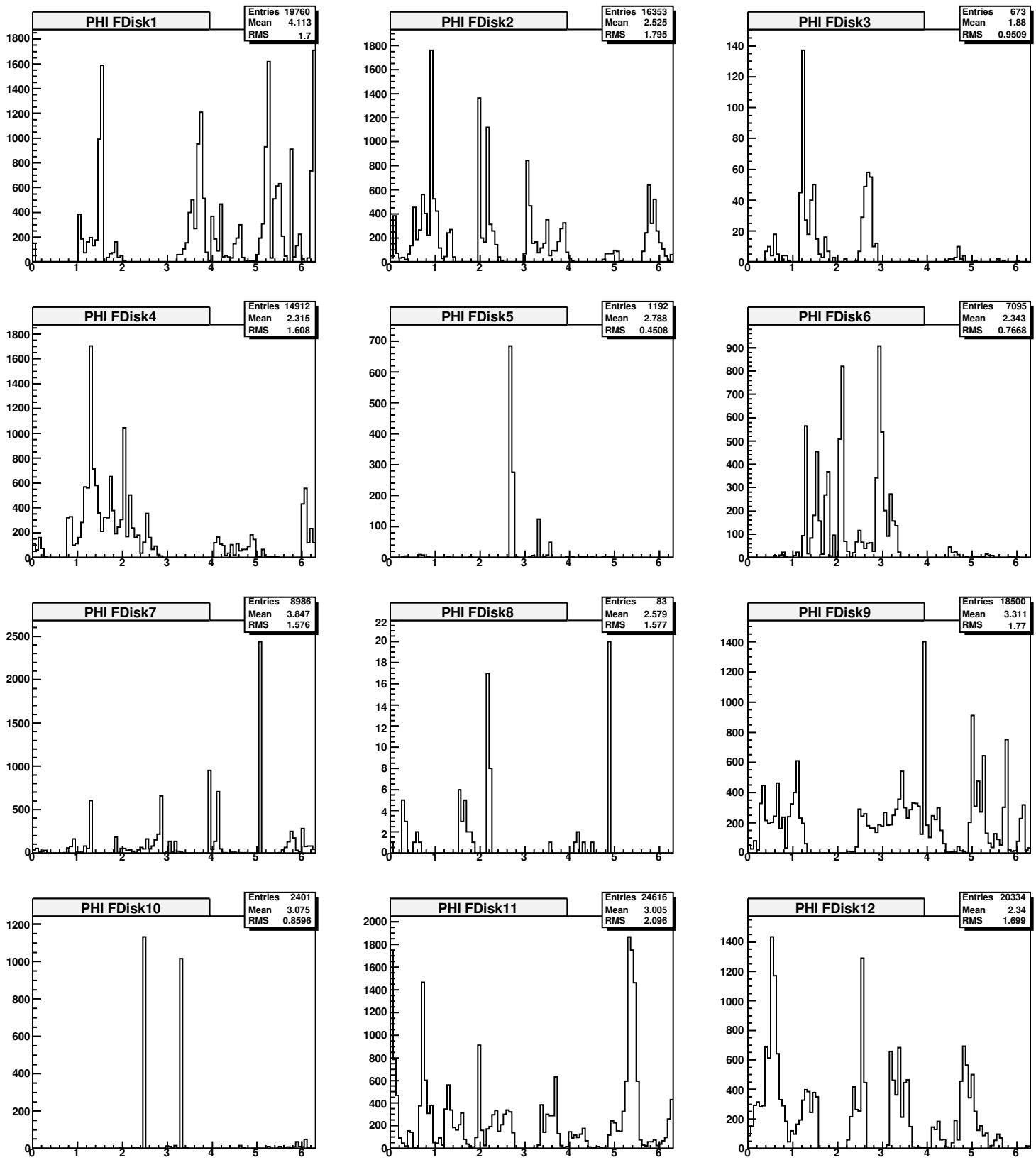




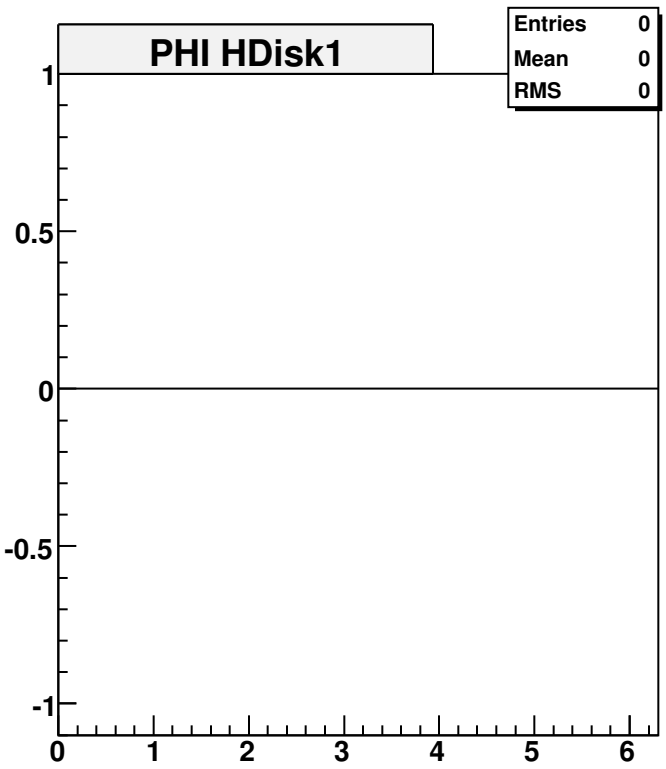


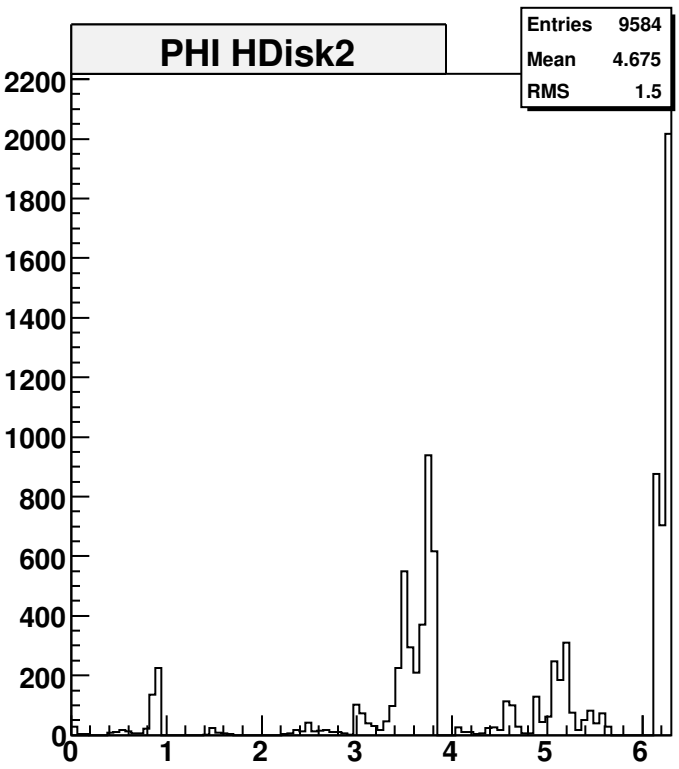


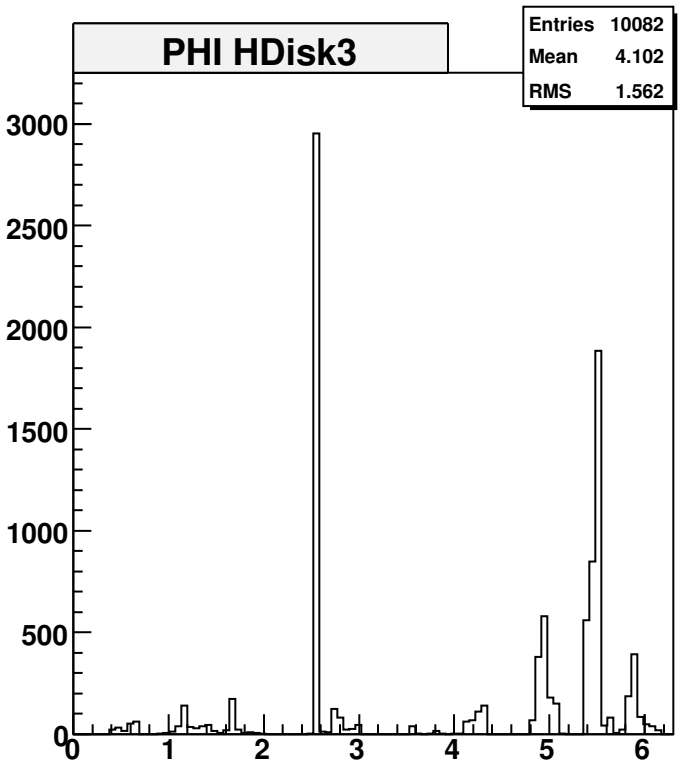
SmtClusters (ClustrBar6)

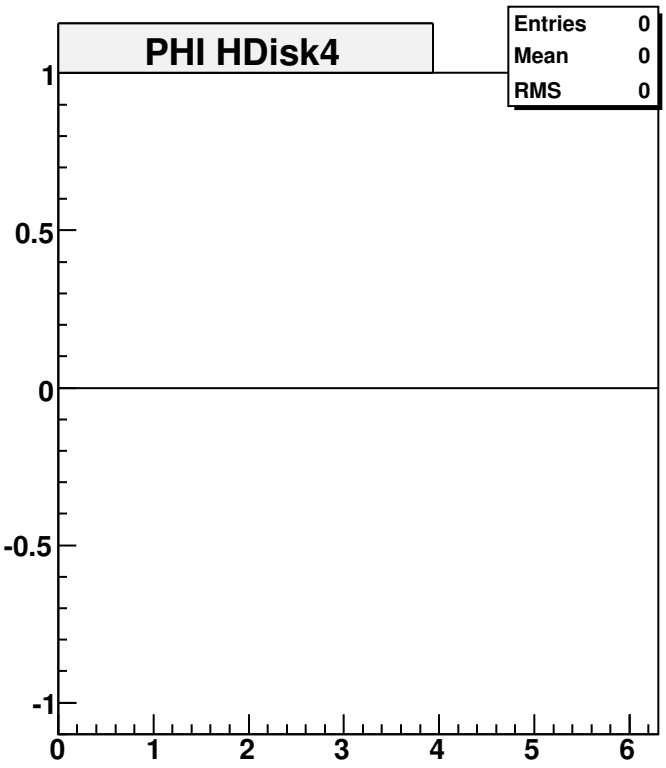


SmtClusters (FDiskClusters)

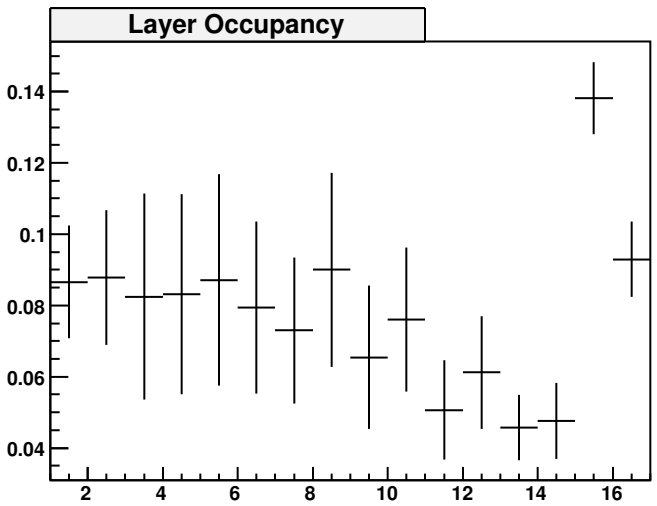


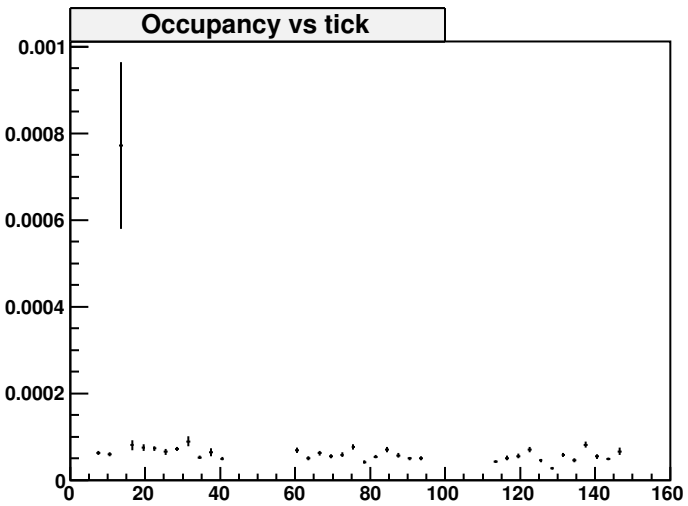


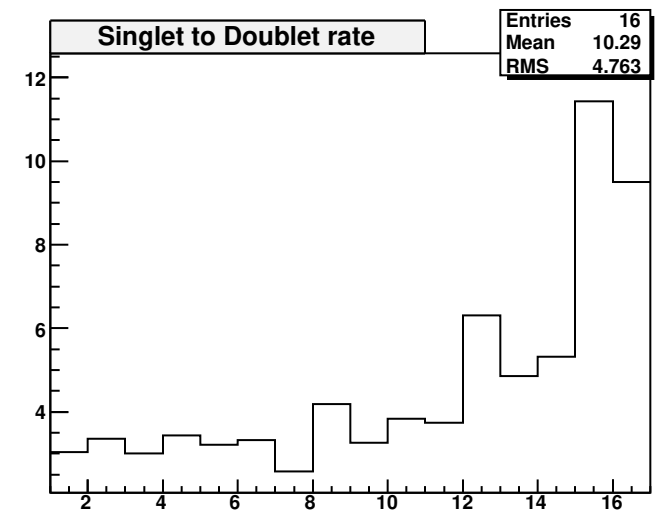


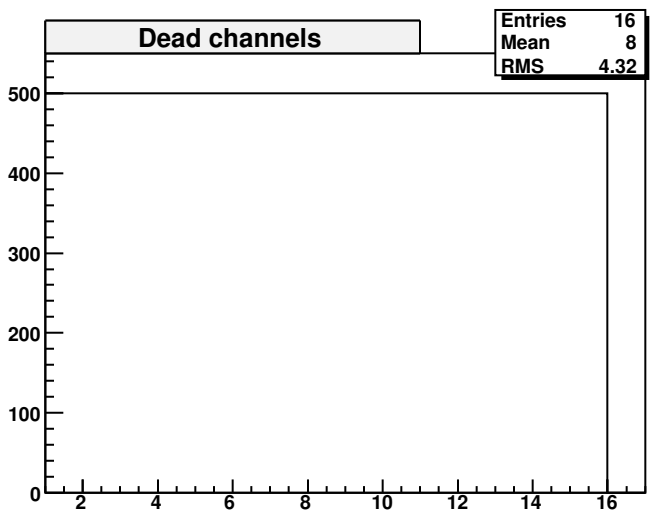


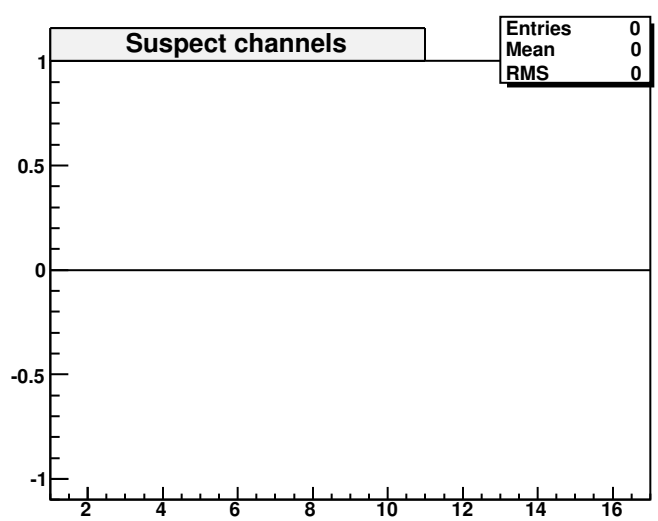
SmtClusters (HDiskClusters)

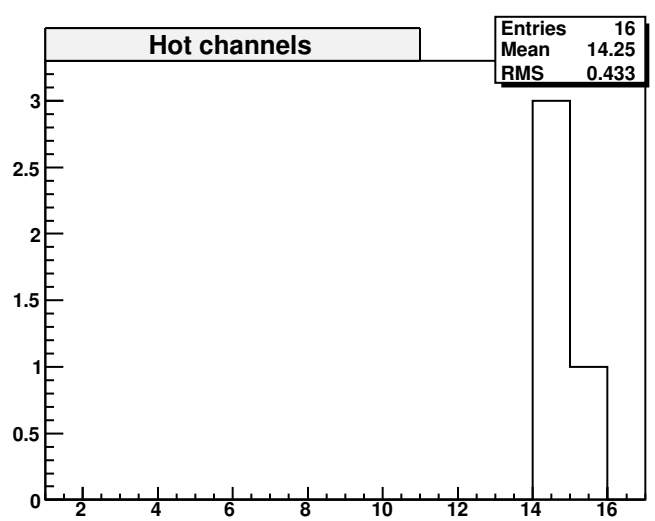




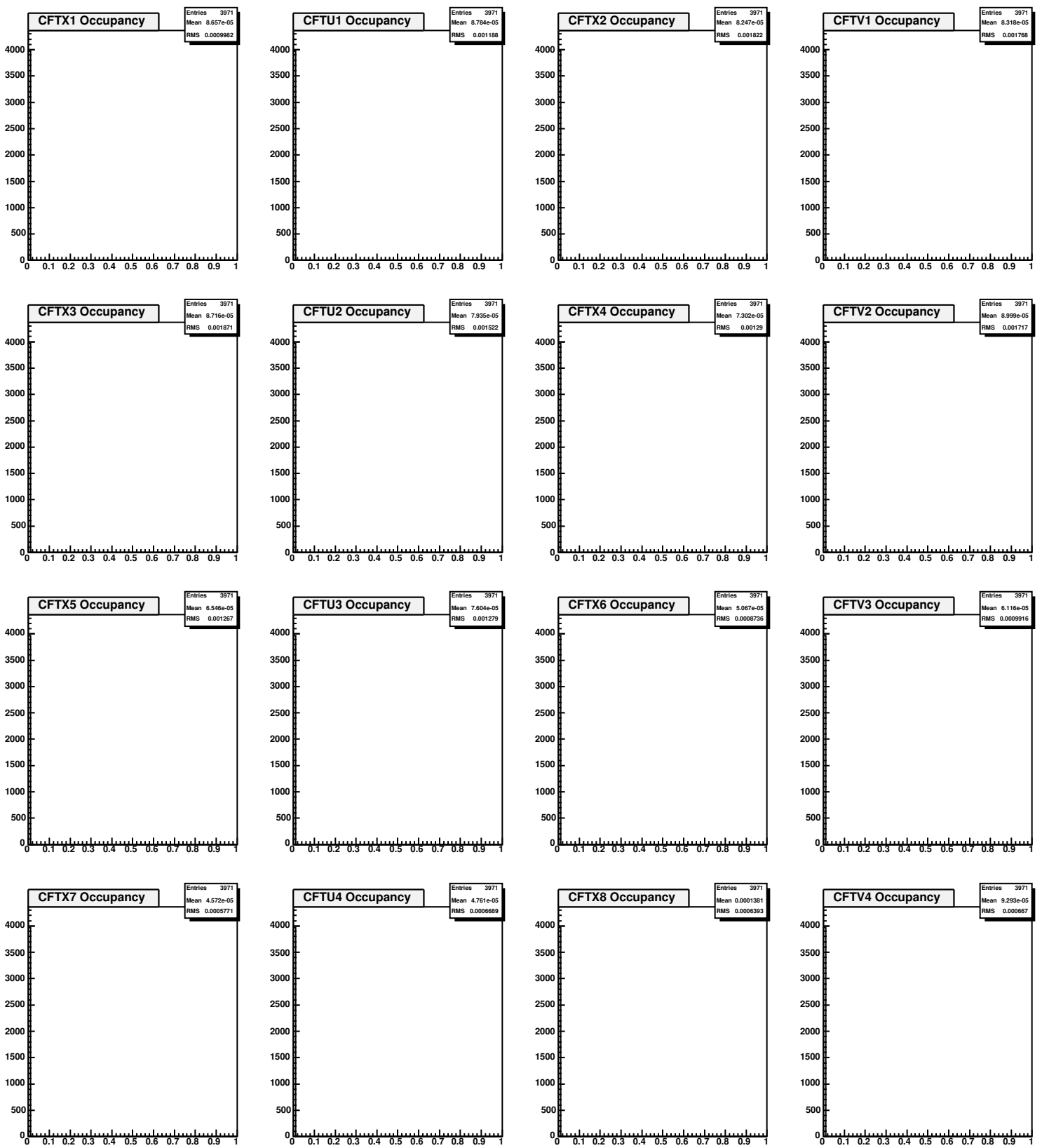




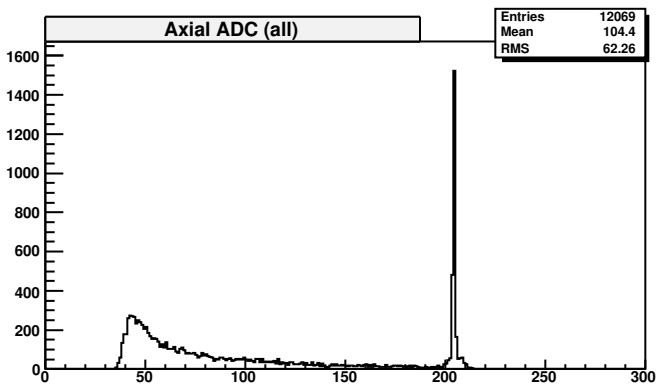


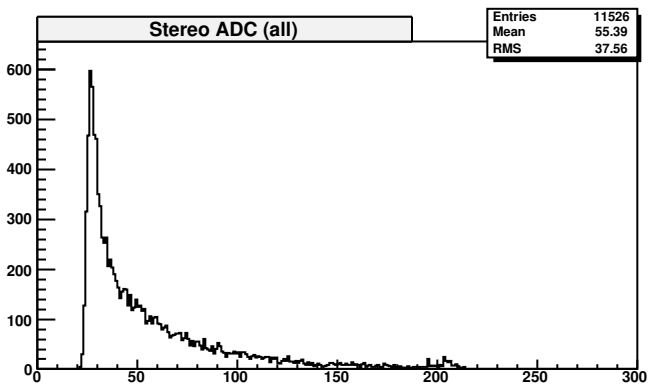


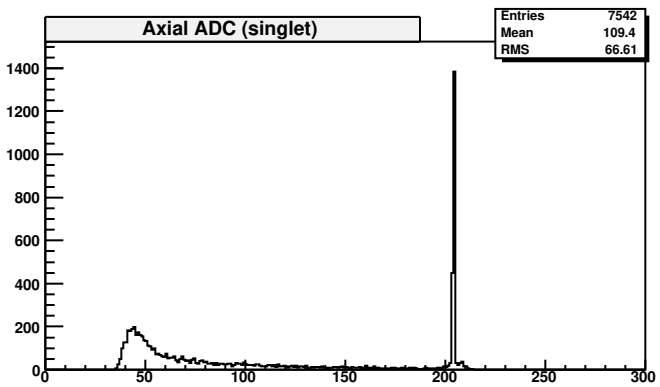
CFT Summary (All Clusters)

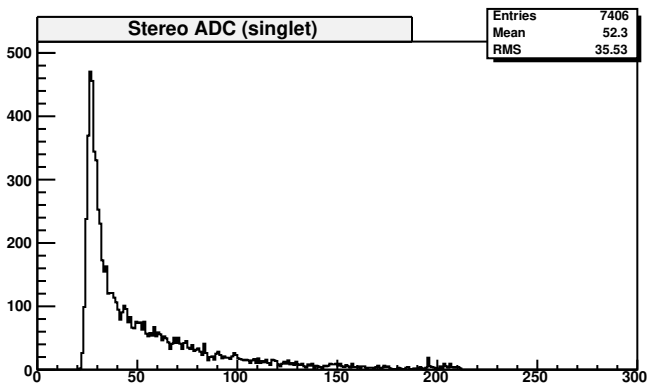


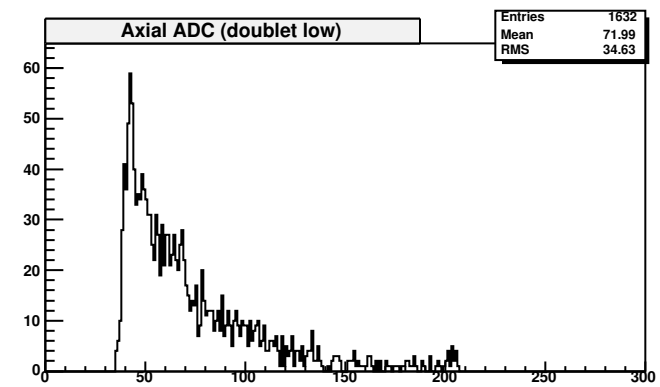
CFT Occupancy (All Clusters)

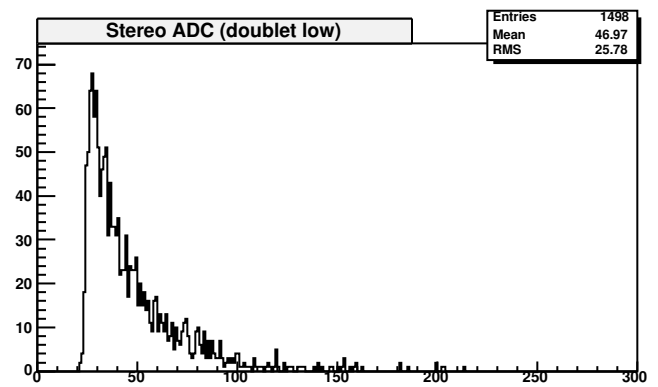


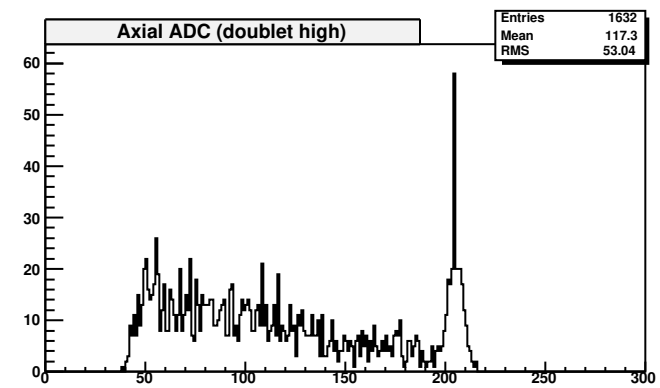


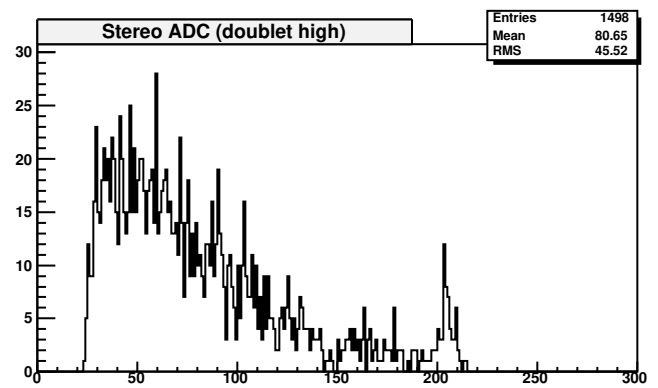




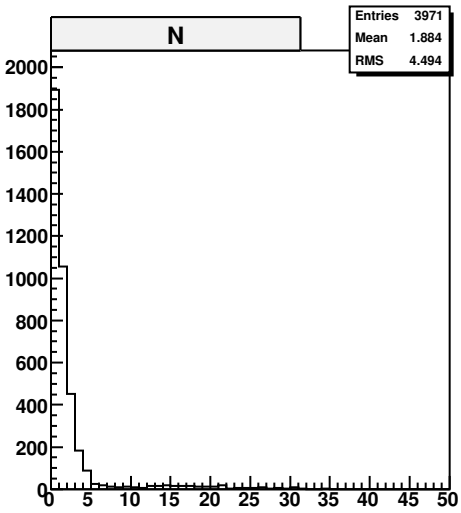


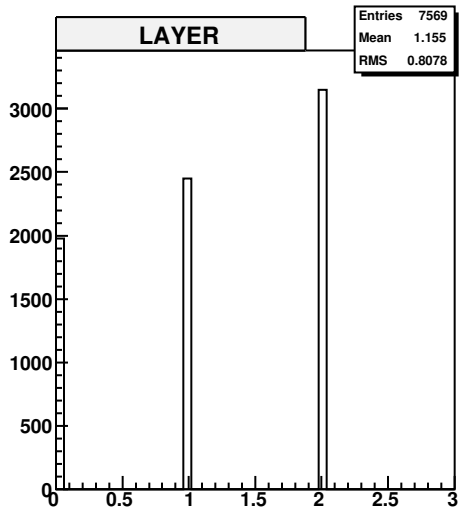


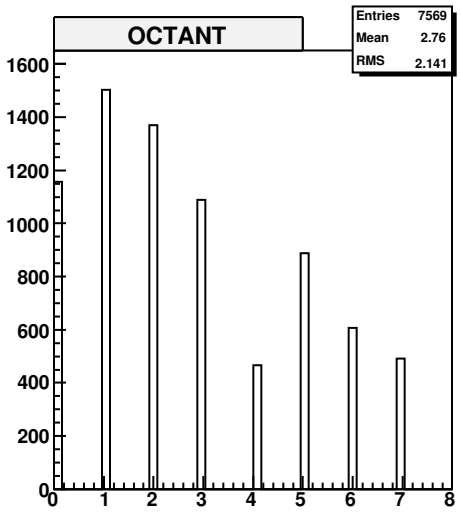


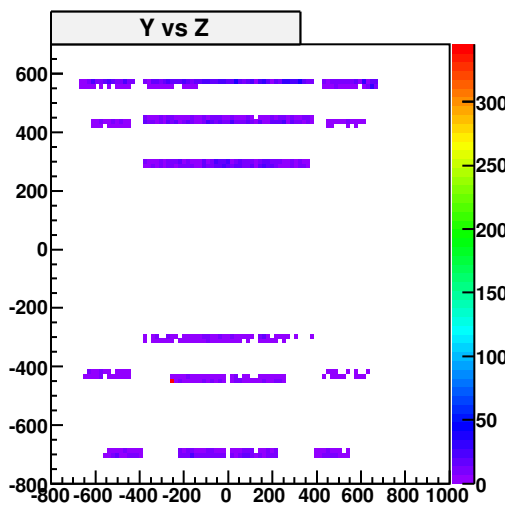


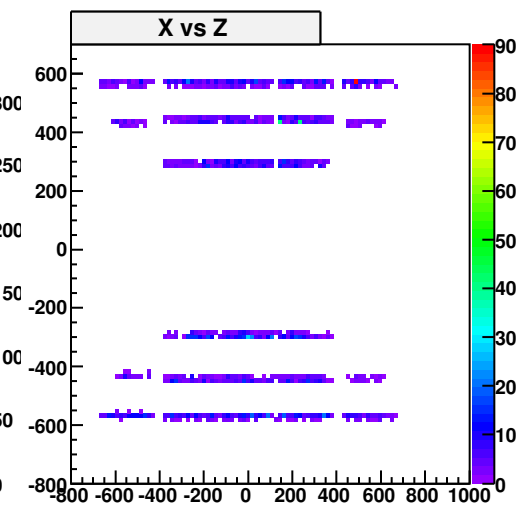
CFT ADC Summary (All Clusters)

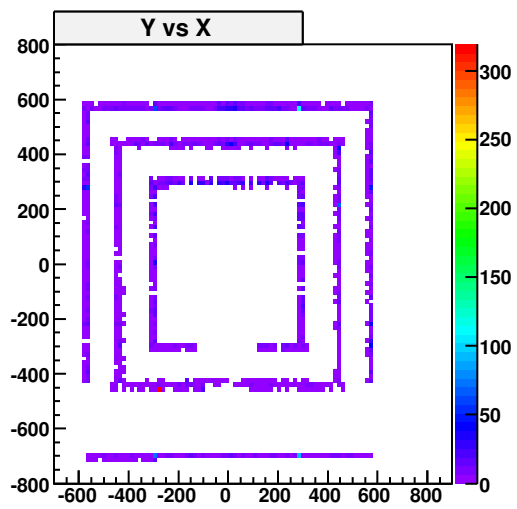

N
Entries 3971
Mean 1.884
RMS 4.494

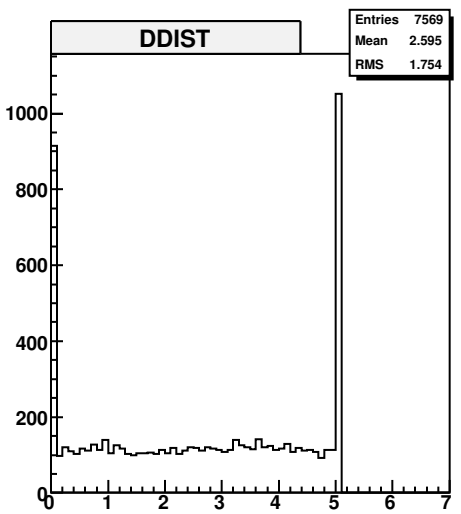

LAYER
Entries 7569
Mean 1.155
RMS 0.8078

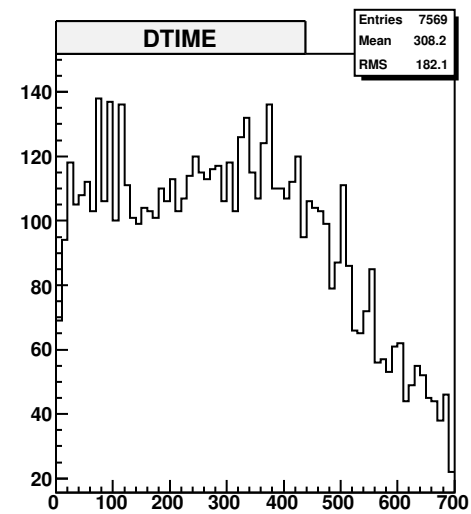

OCTANT
Entries 7569
Mean 2.76
RMS 2.141


Y vs Z

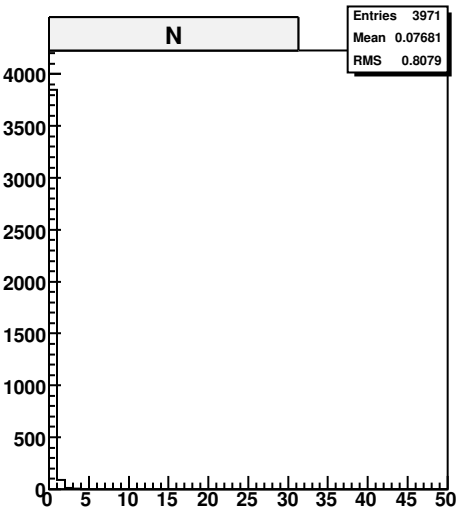

X vs Z

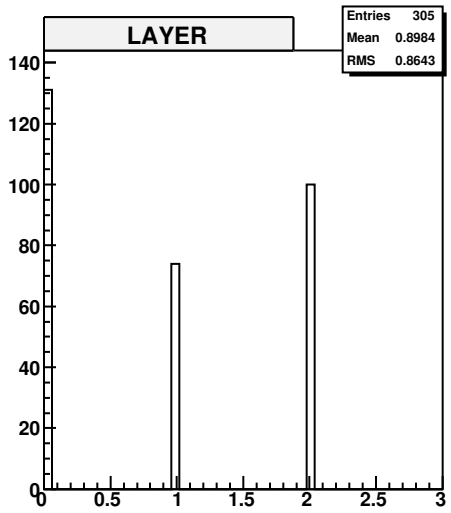

Y vs X

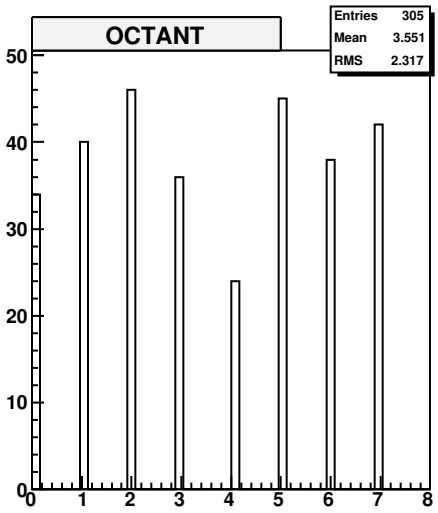

DDIST
Entries 7569
Mean 2.595
RMS 1.754

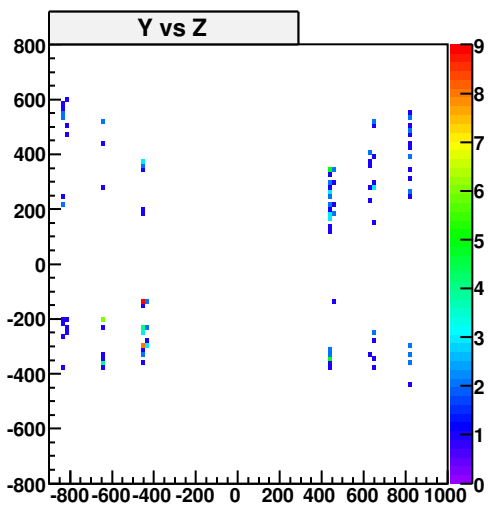

DTIME
Entries 7569
Mean 308.2
RMS 182.1

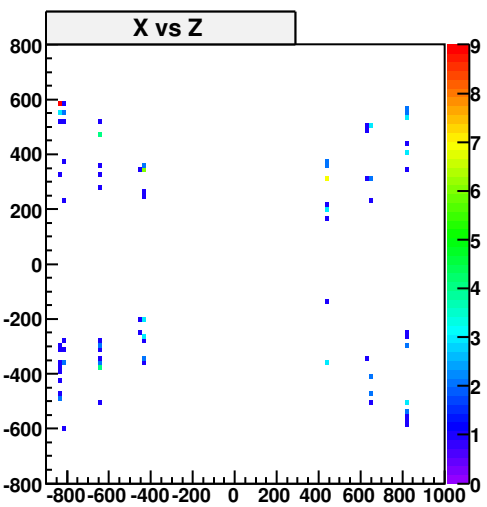
MuonPDT (All)

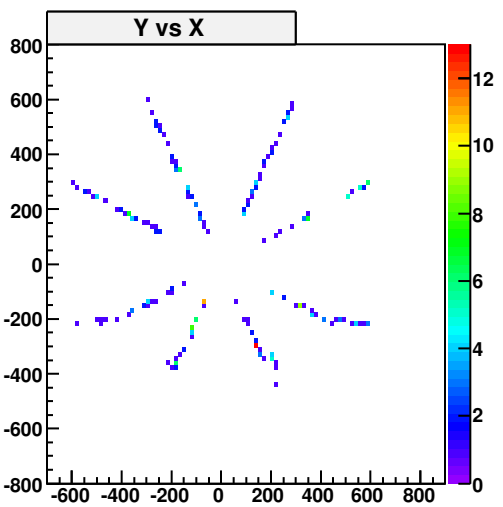

N
Entries 3971
Mean 0.07681
RMS 0.8079

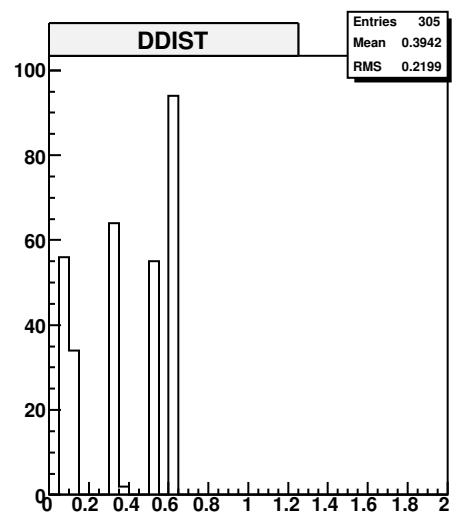

LAYER
Entries 305
Mean 0.8984
RMS 0.8643

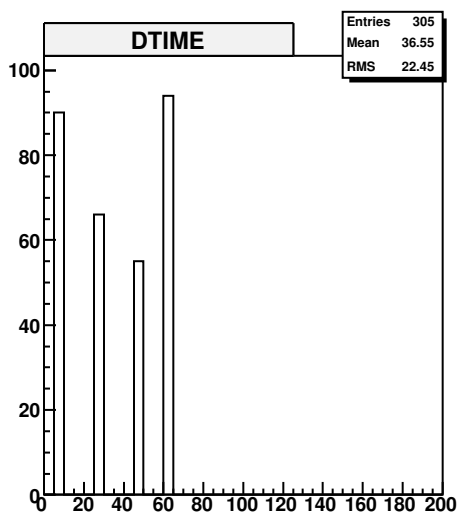

OCTANT
Entries 305
Mean 3.551
RMS 2.317


Y vs Z

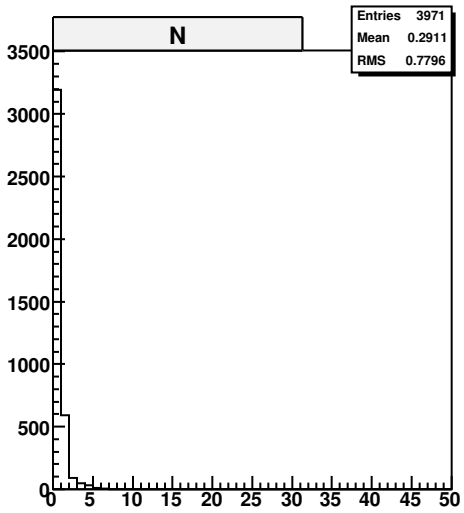

X vs Z

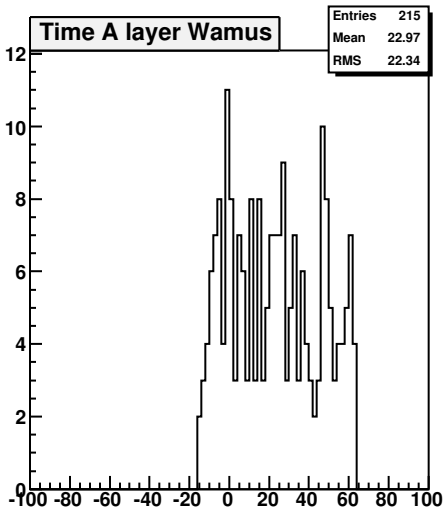

Y vs X

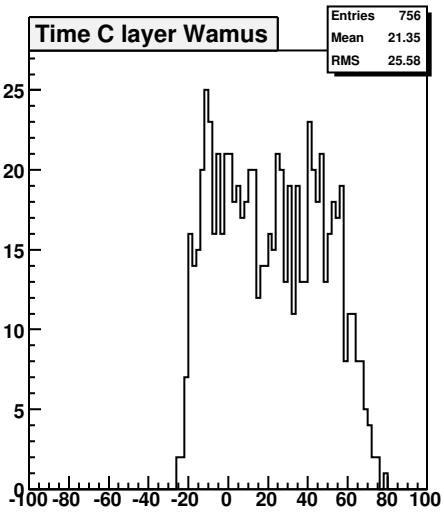

DDIST
Entries 305
Mean 0.3942
RMS 0.2199

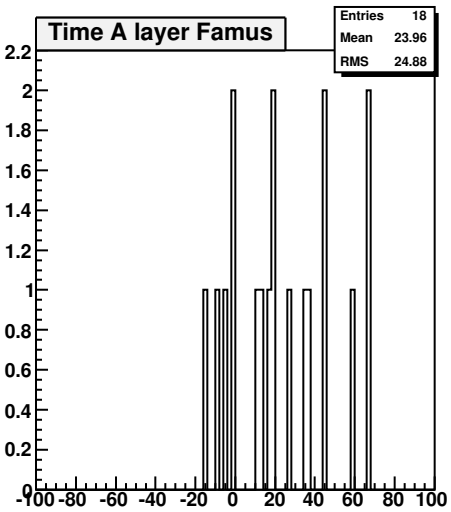

DTIME
Entries 305
Mean 36.55
RMS 22.45

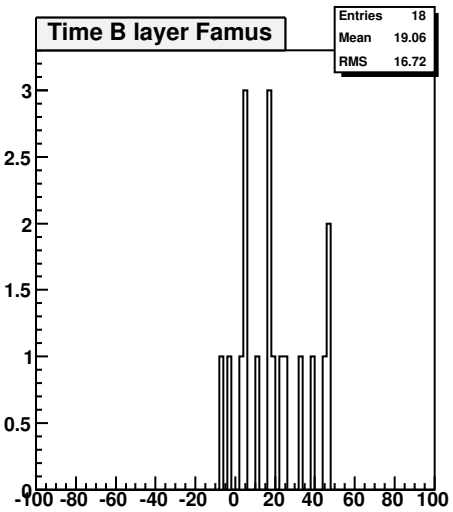
MuonMDT (All)


N
Entries 3971
Mean 0.2911
RMS 0.7796


Time A layer Wamus
Entries 215
Mean 22.97
RMS 22.34


Time C layer Wamus
Entries 756
Mean 21.35
RMS 25.58


Time A layer Famus
Entries 18
Mean 23.96
RMS 24.88


Time B layer Famus
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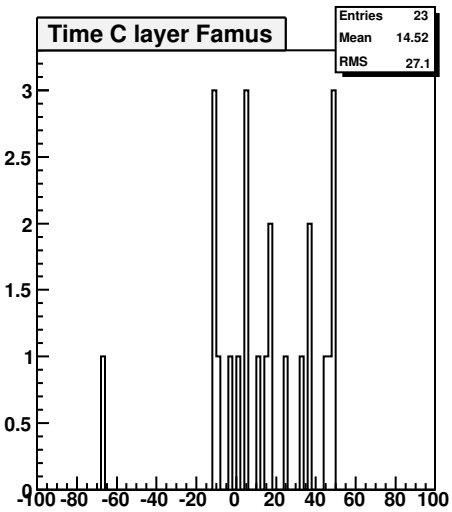
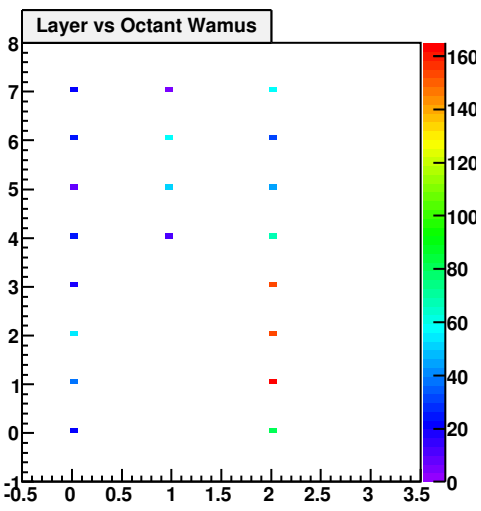
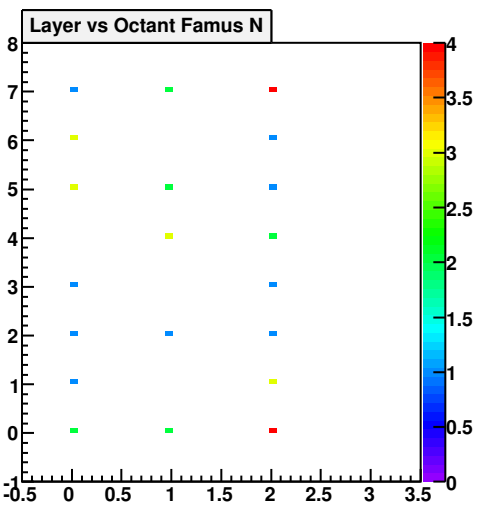
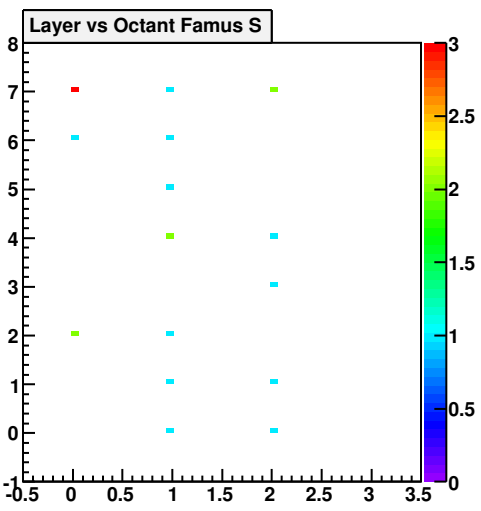
Mean 19.06
RMS 16.72

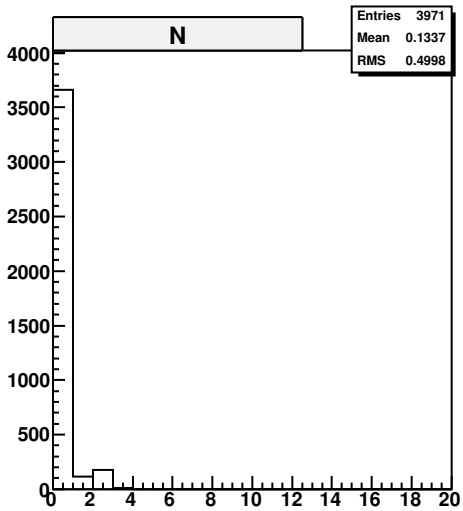

Time C layer Famus
Entries 23
Mean 14.52
RMS 27.1

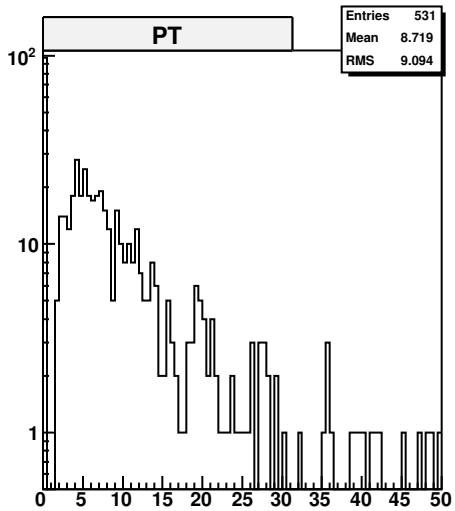

Layer vs Octant Wamus

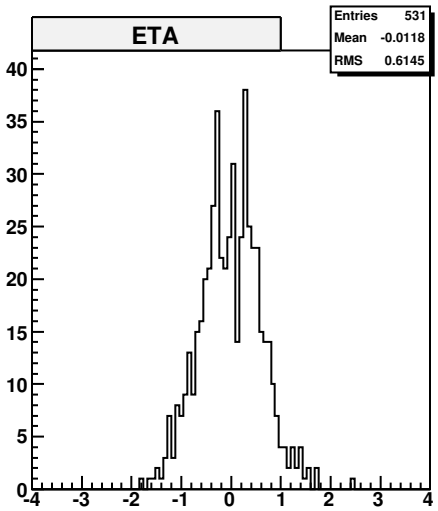

Layer vs Octant Famus N

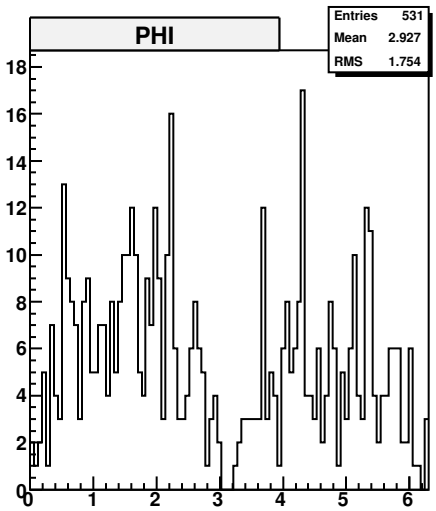

Layer vs Octant Famus S

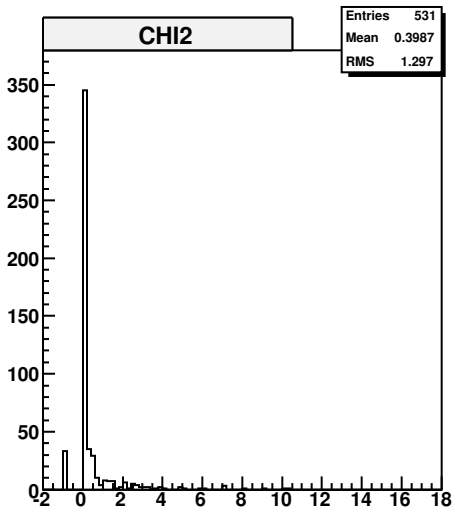
MuonMSC (All)

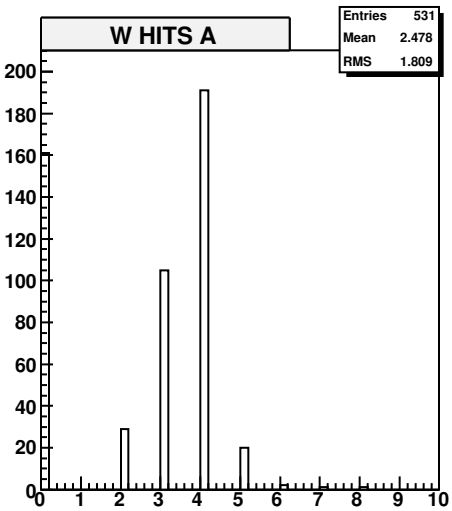


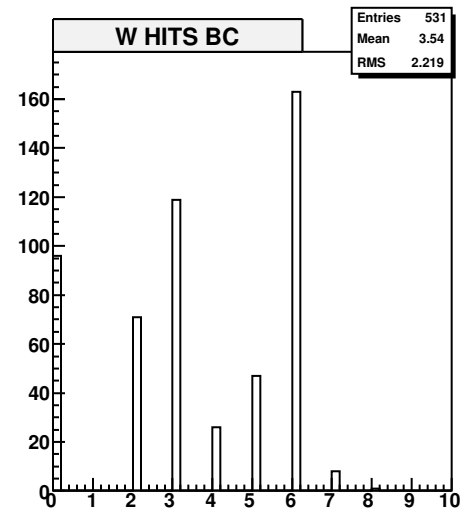


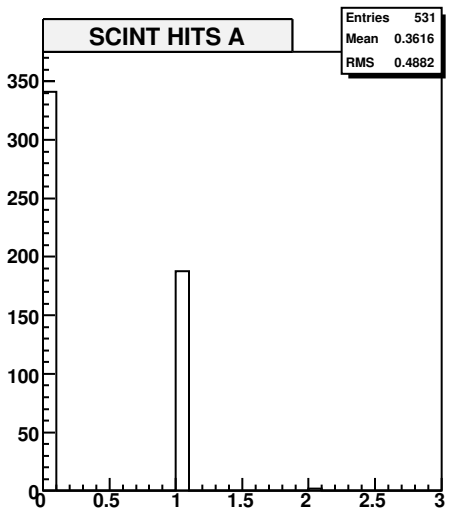


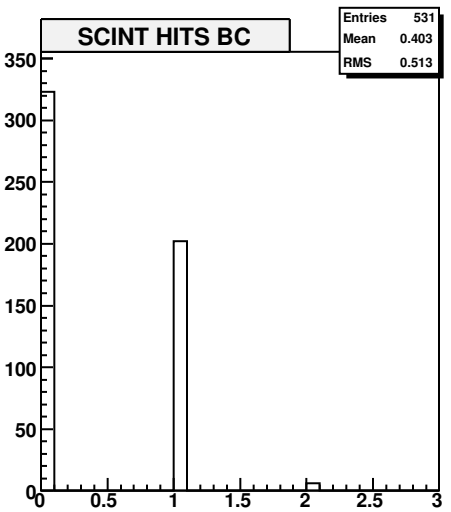




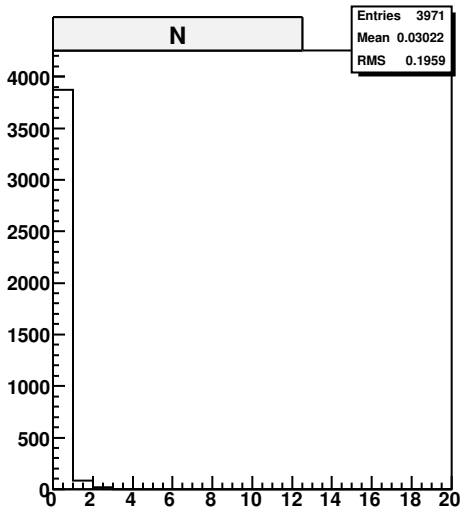


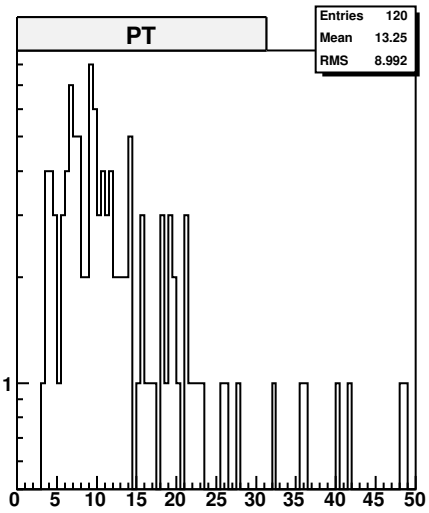


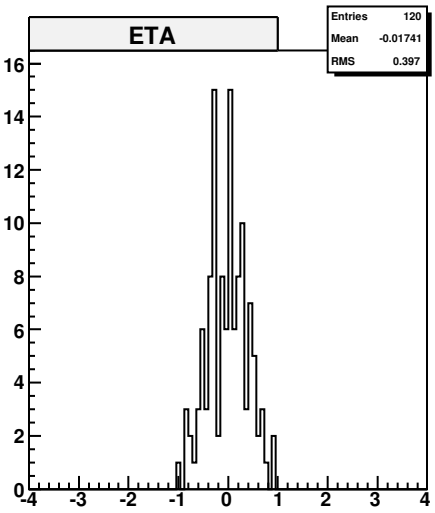


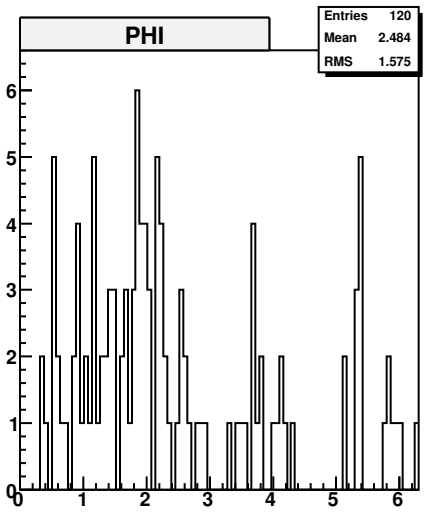


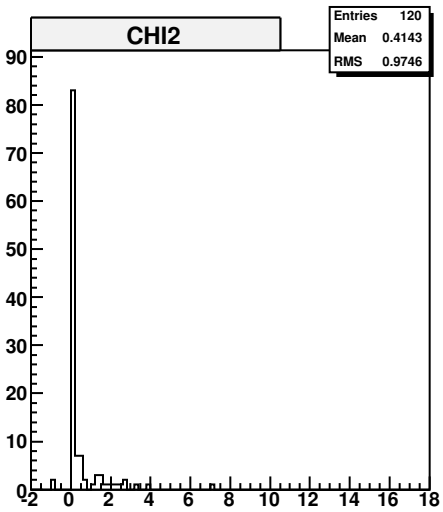
Muon Local Tracks (All)

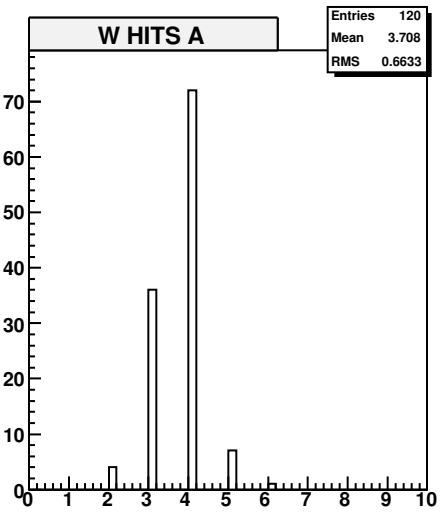


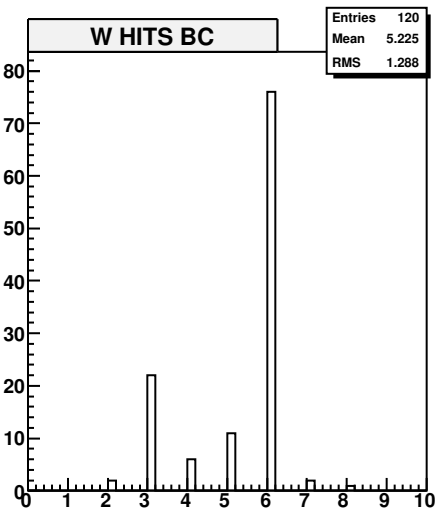


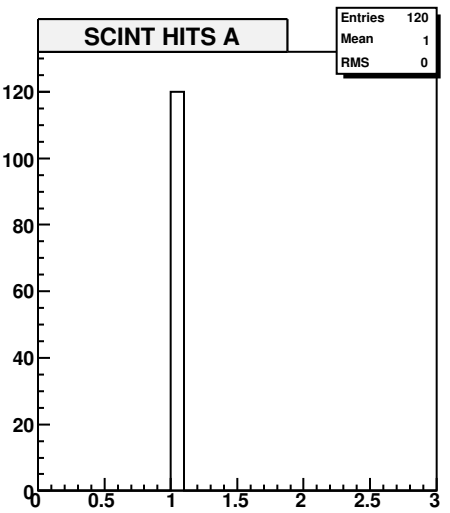


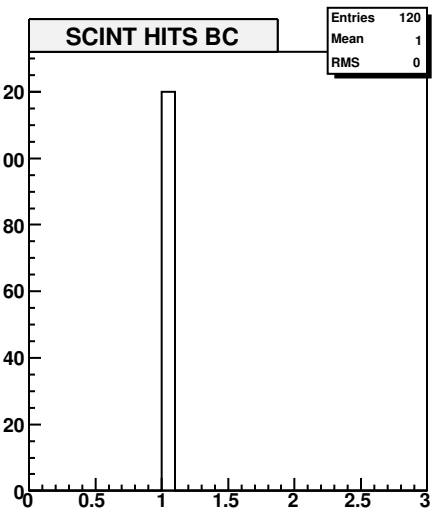




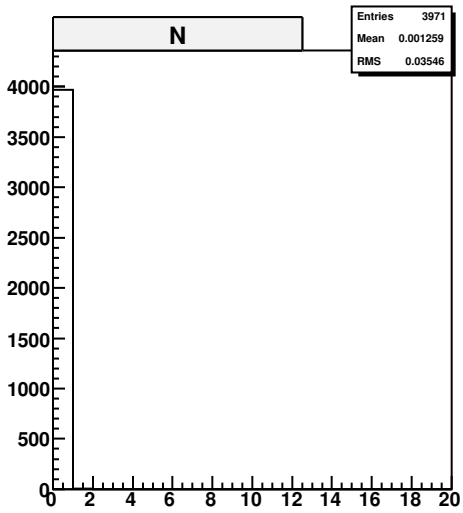


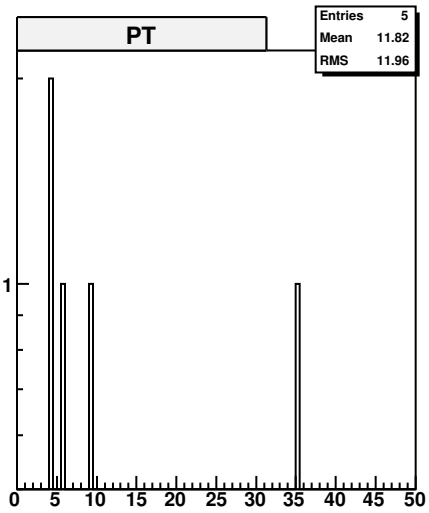


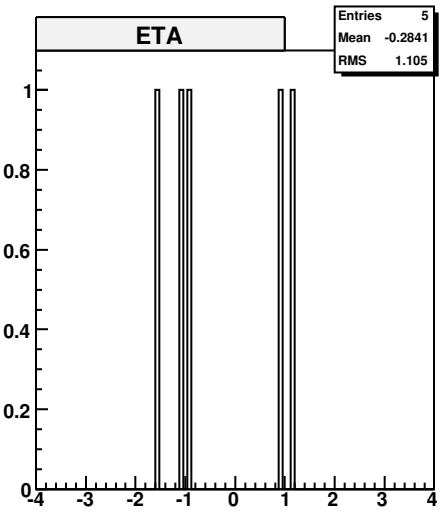


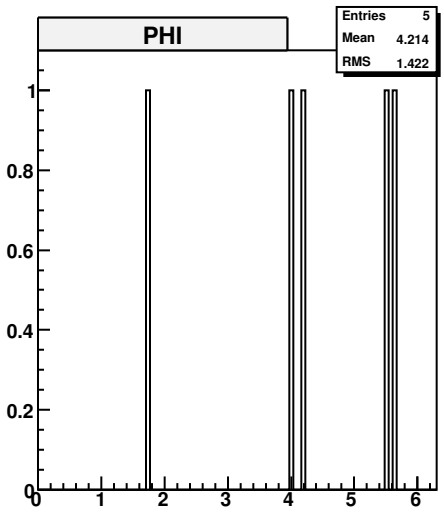


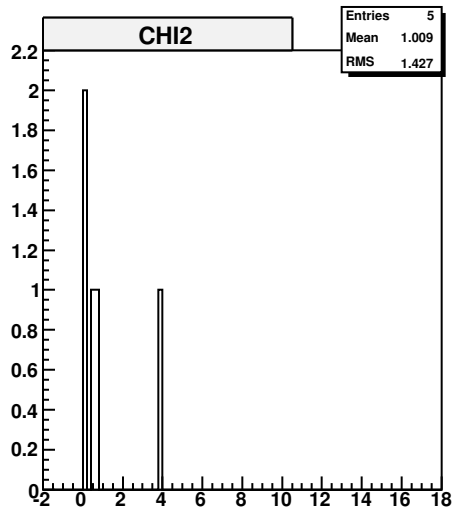
Muon Local Tracks (MediumWamus)

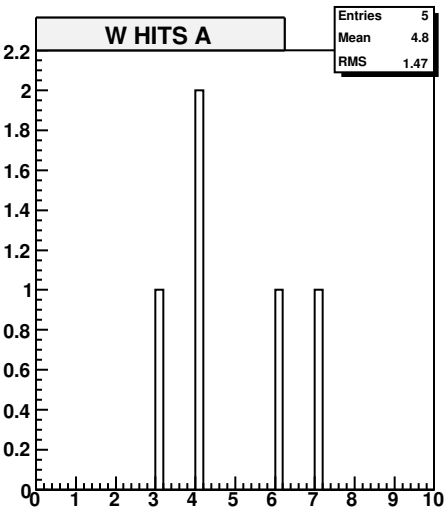


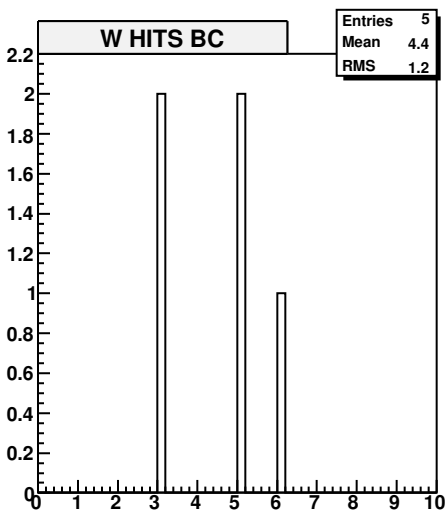


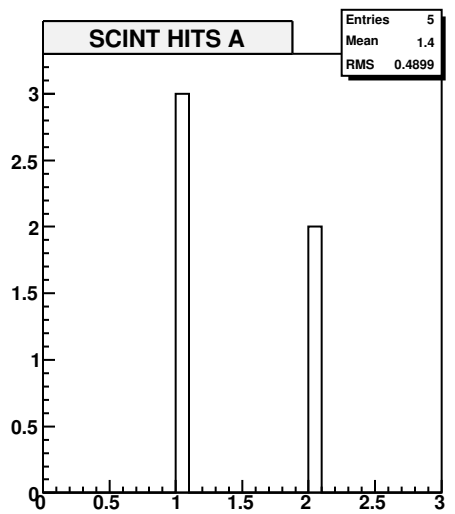


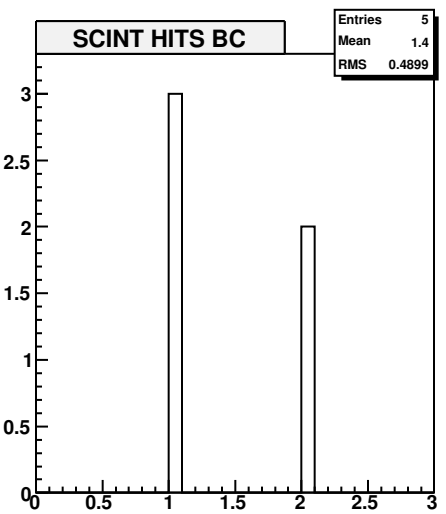




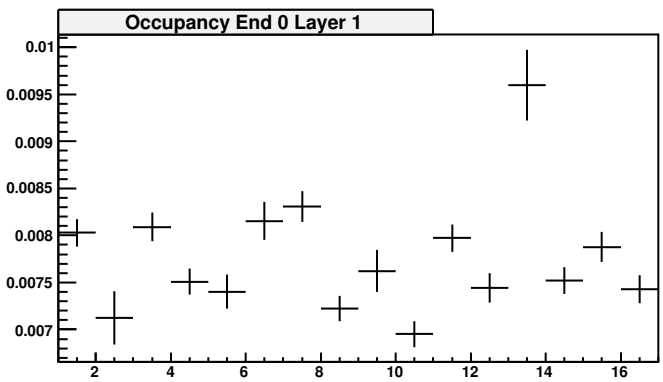


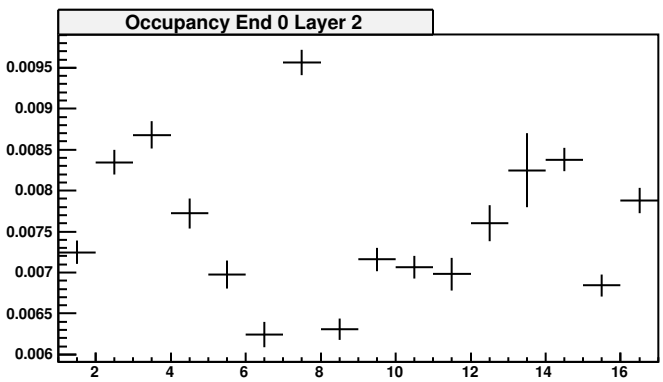


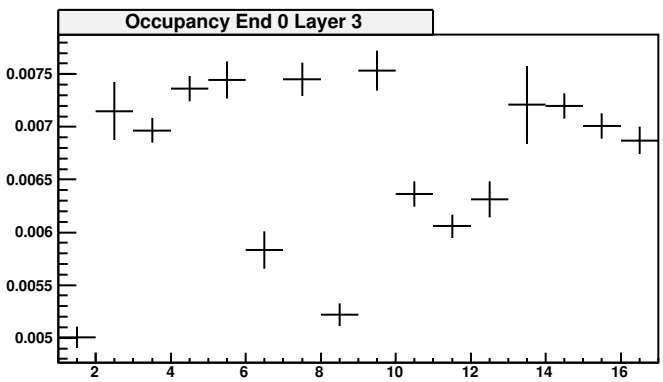


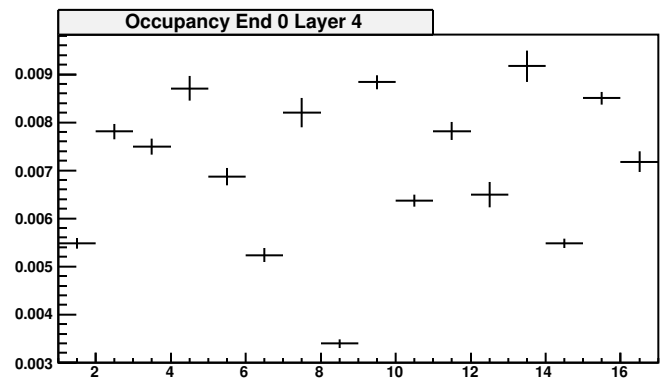


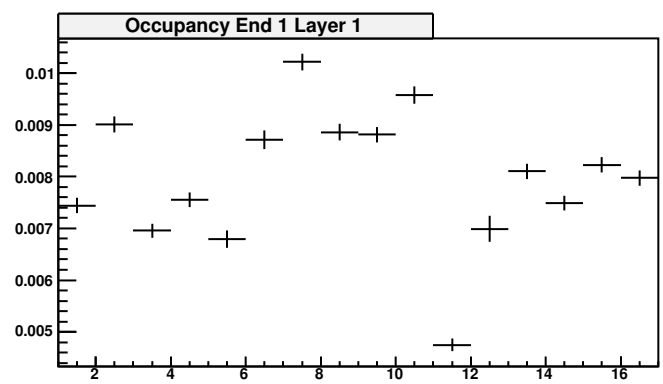
Muon Local Tracks (MediumFamus)

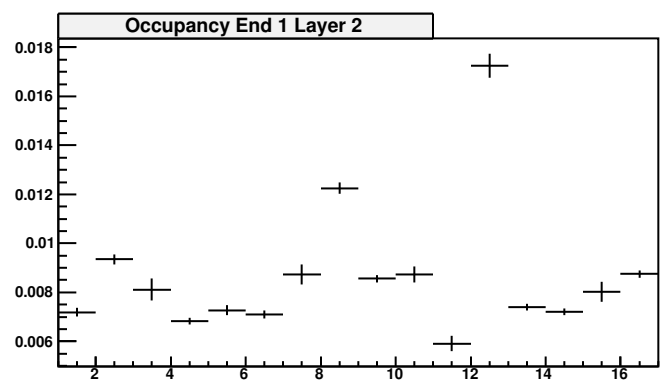


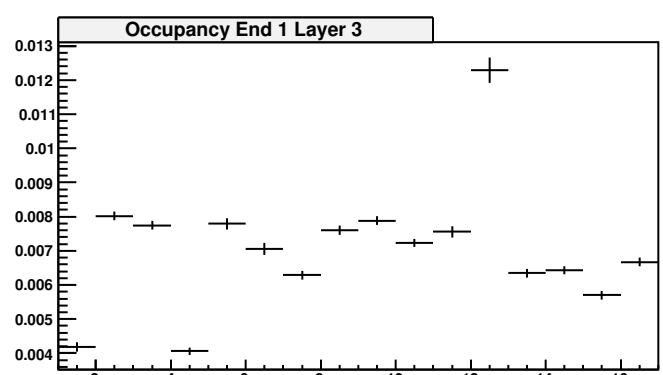


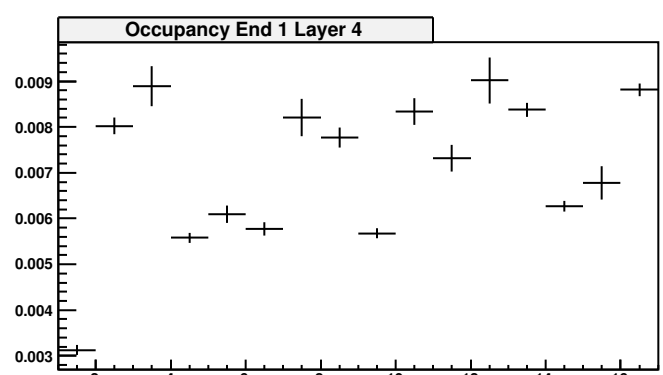




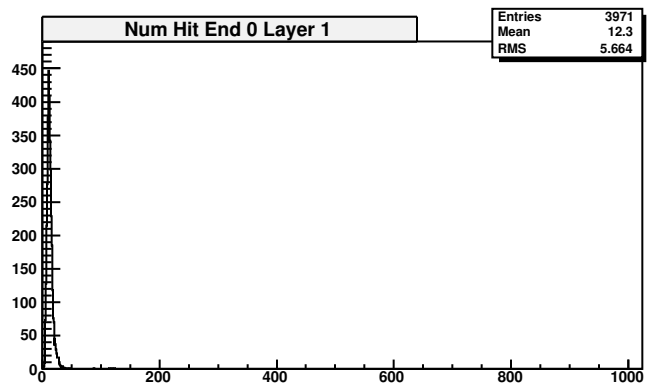


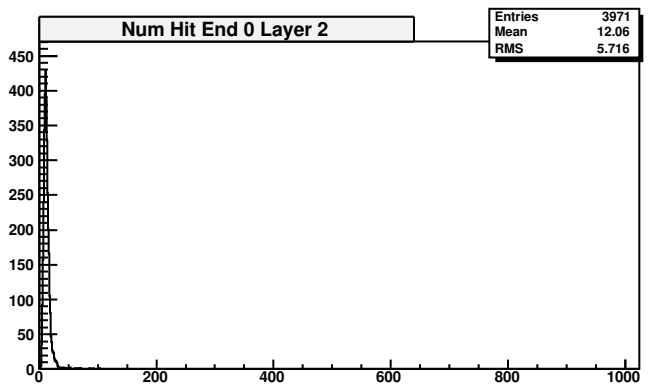


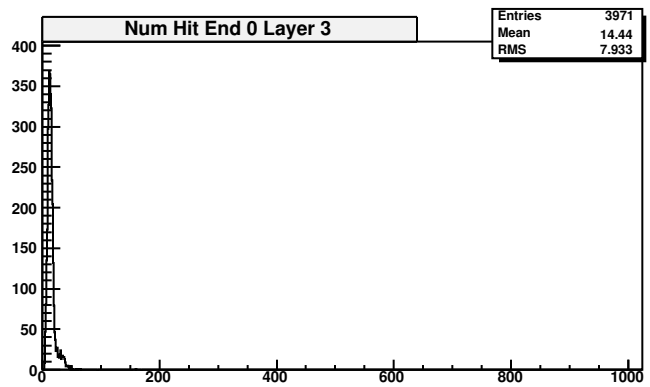


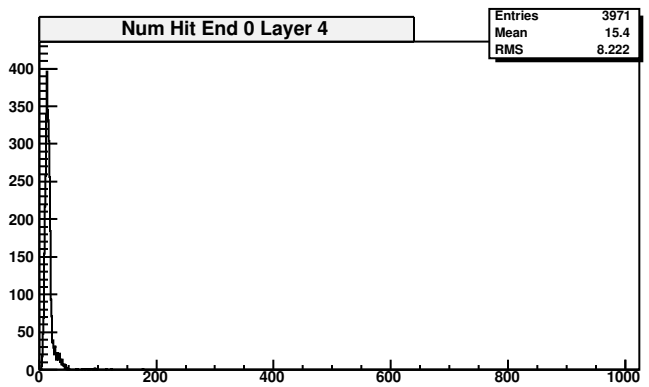


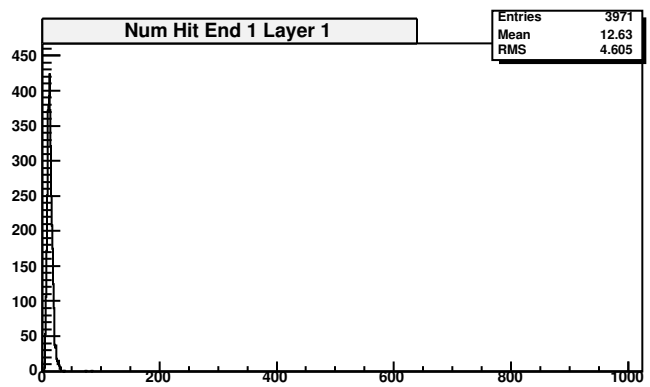
FPS Hit Occupancy (All)

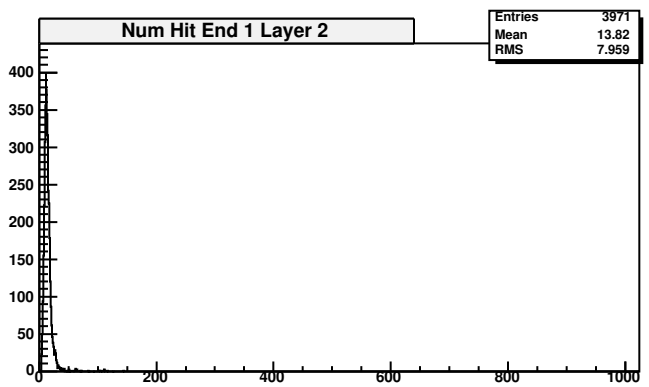


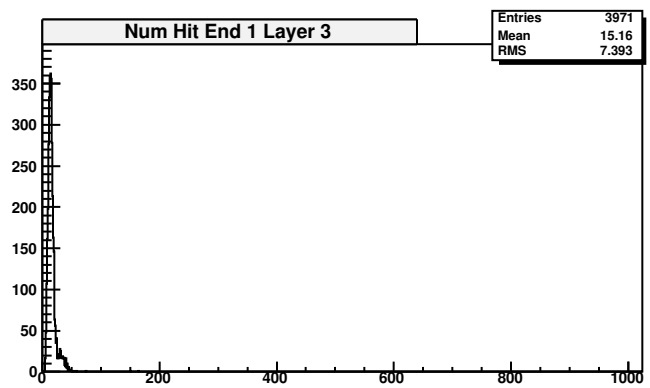


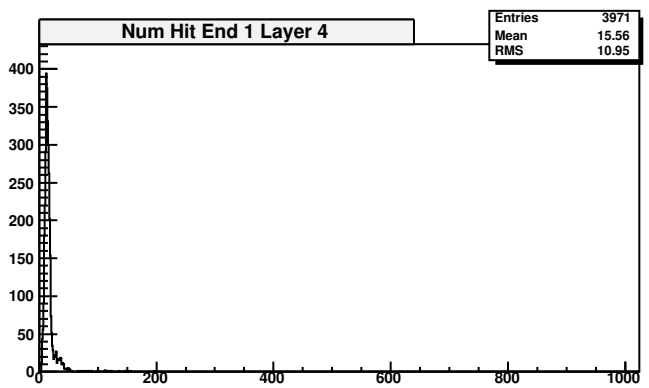




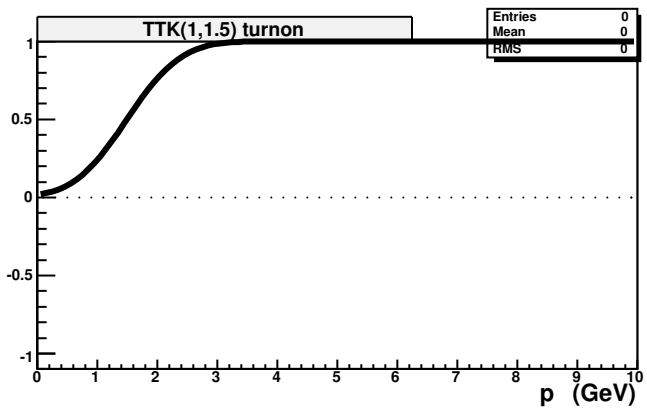


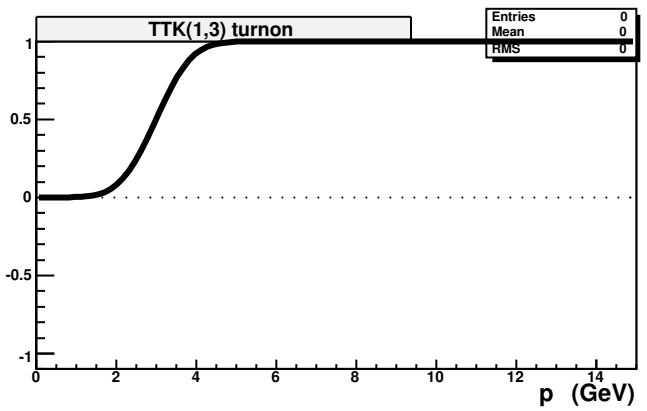


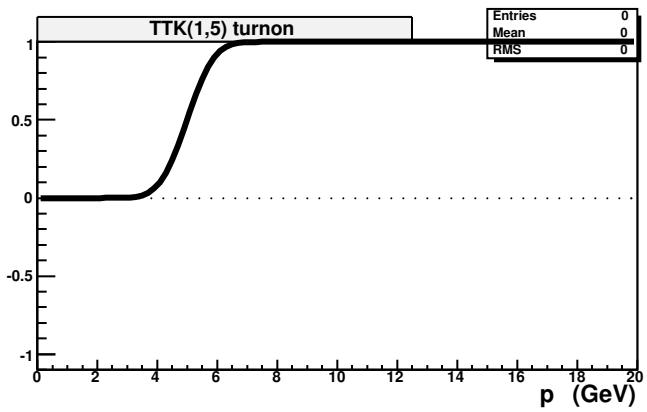


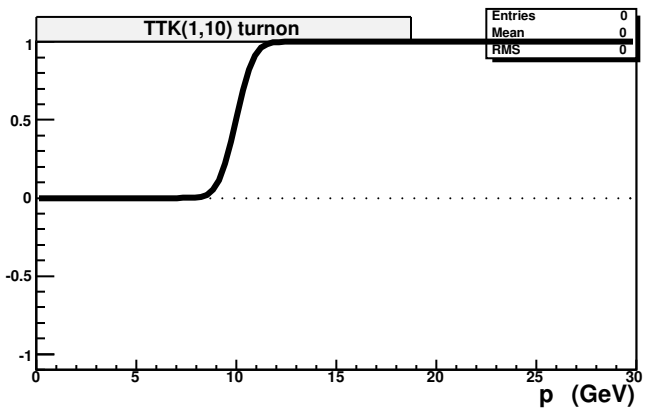


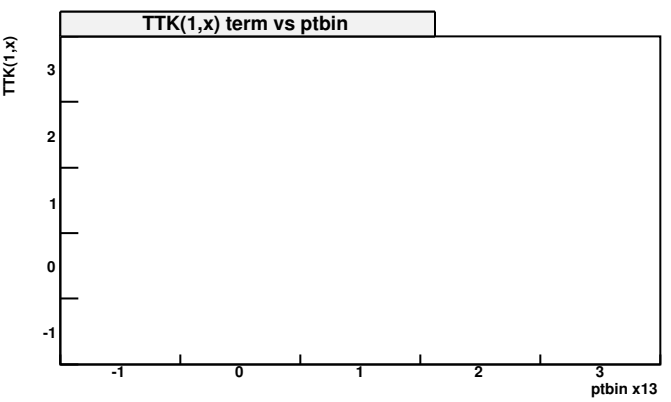
FPS Number of Hits (All)

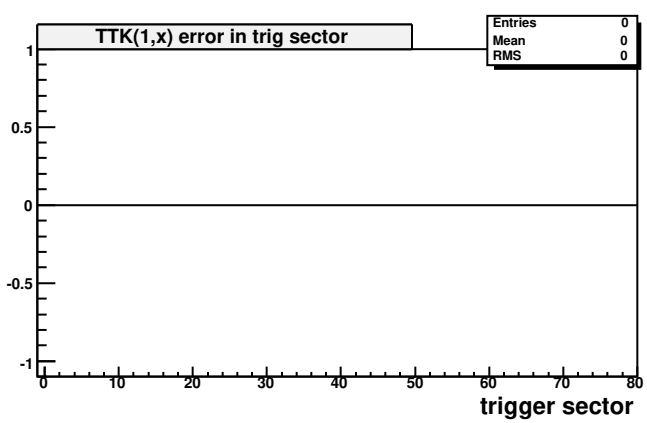


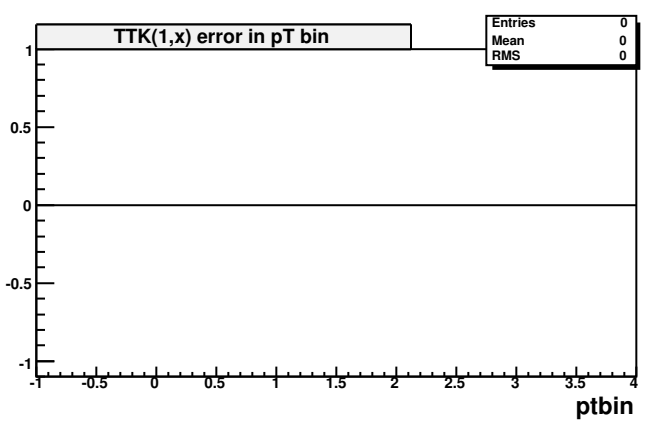




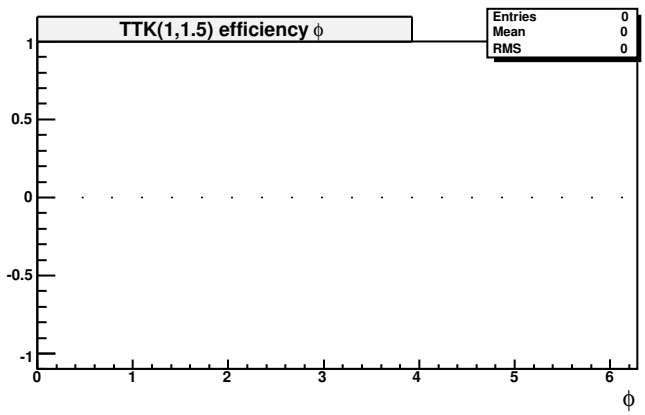


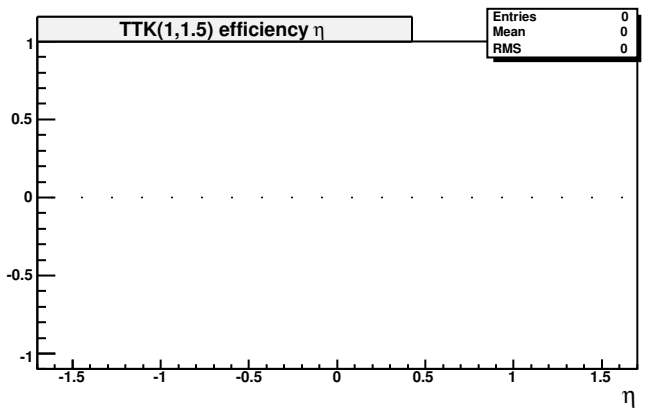


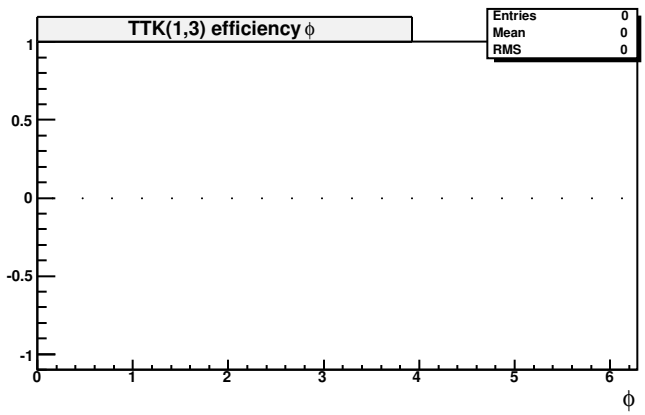


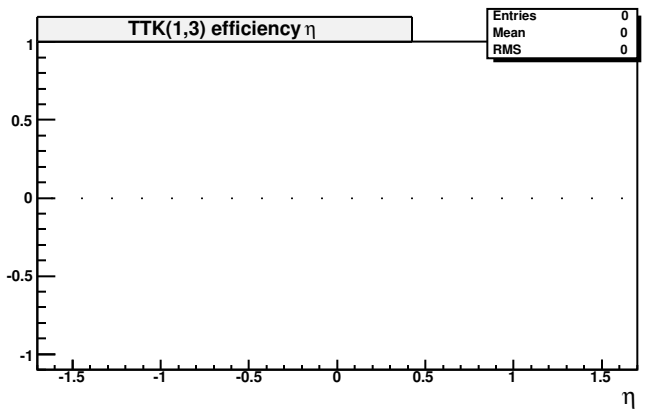


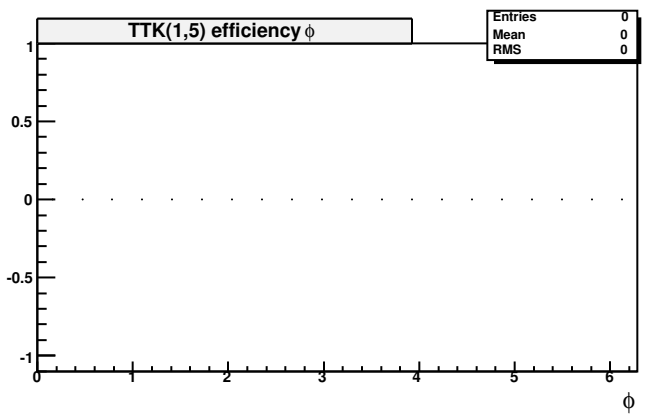
TTK (L1CTT All)

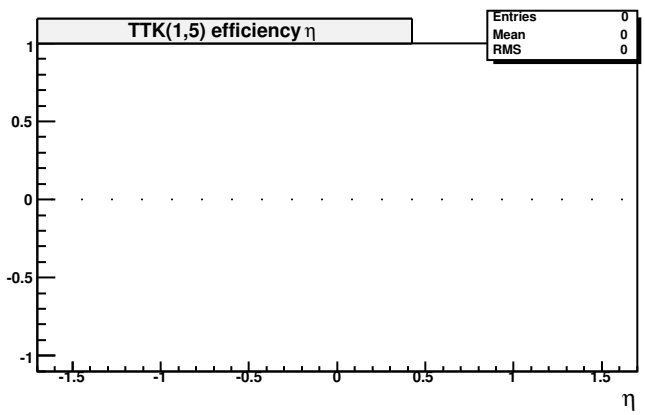


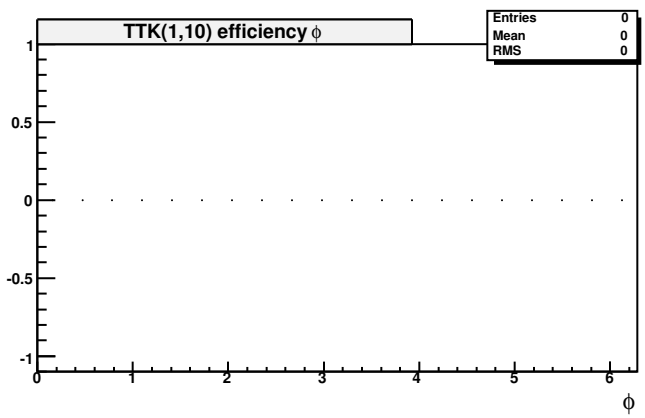


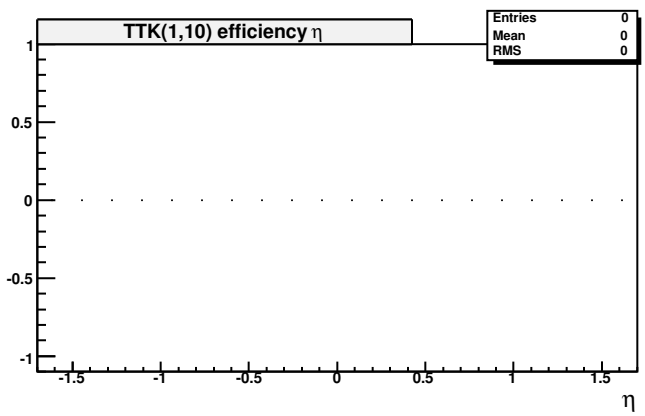












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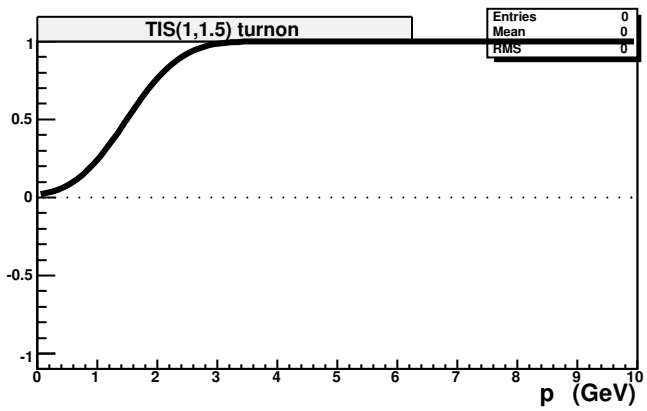

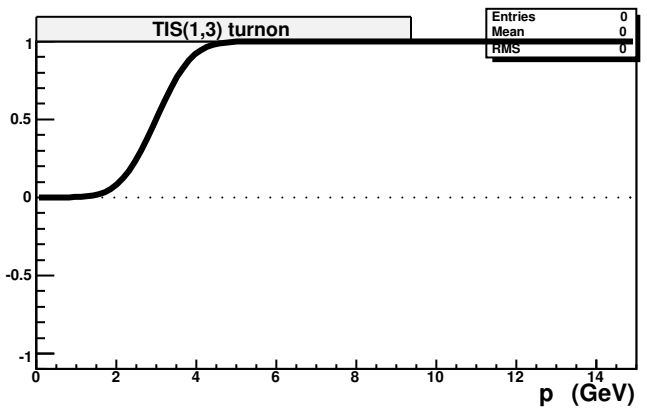

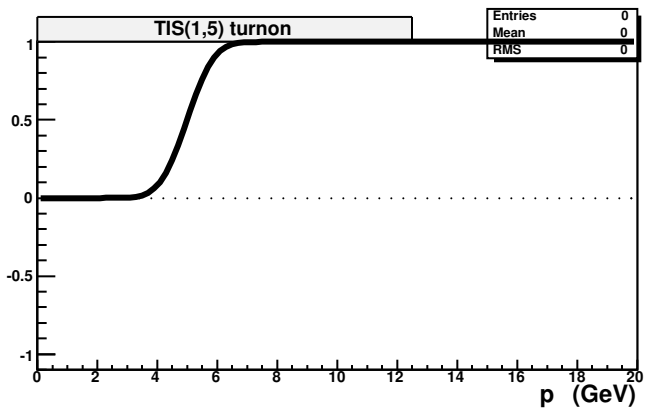

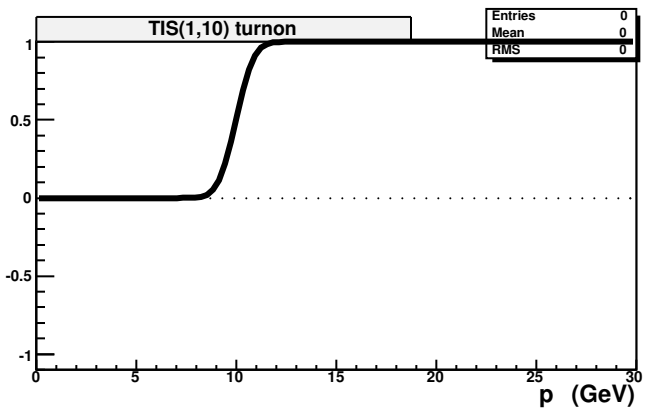

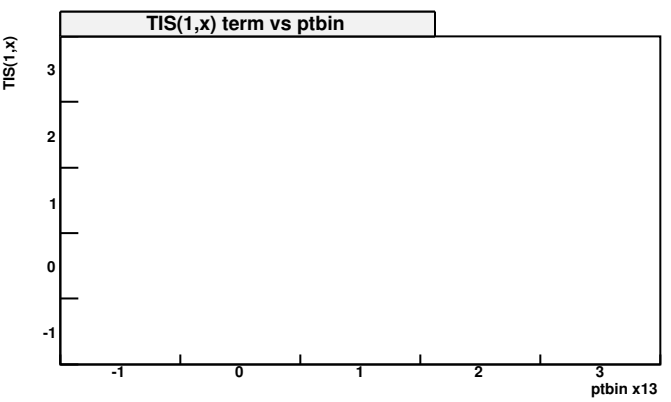

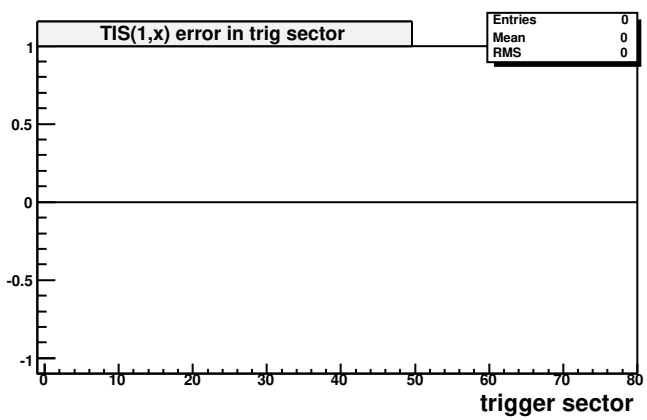

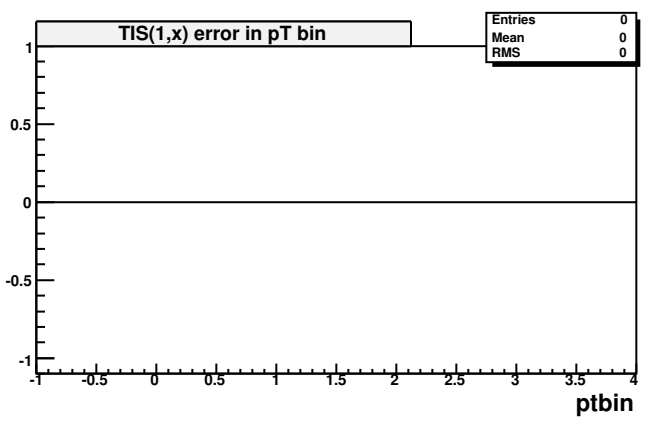

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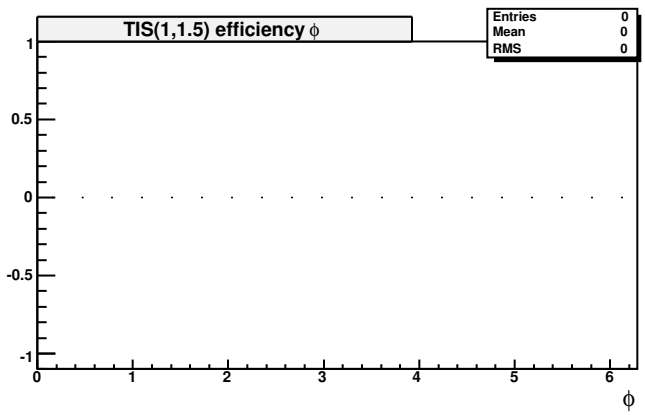

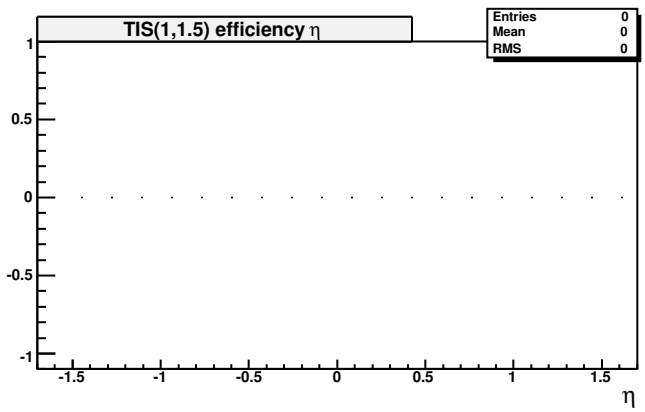

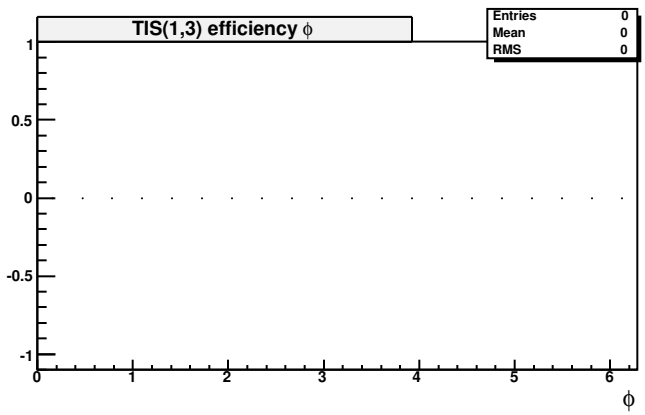

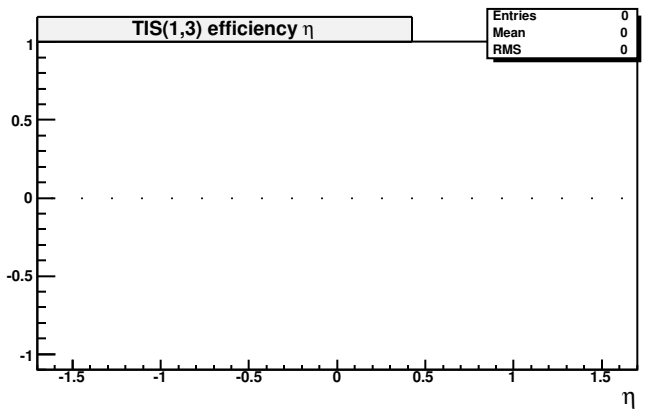

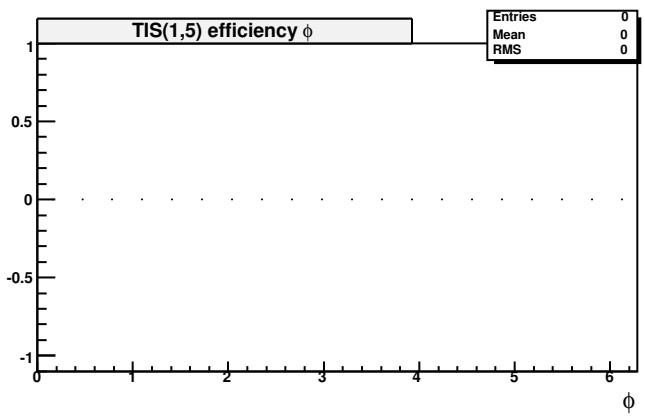

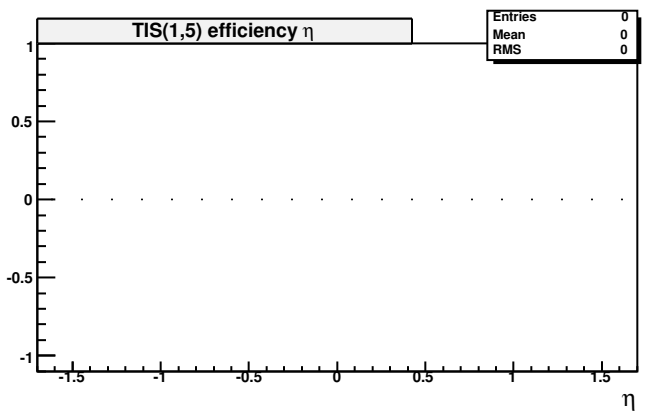

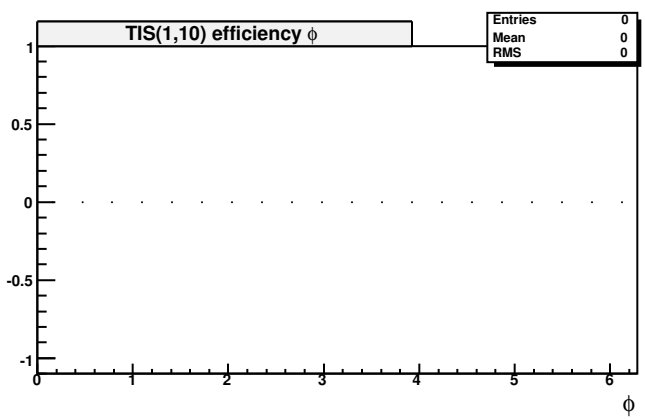

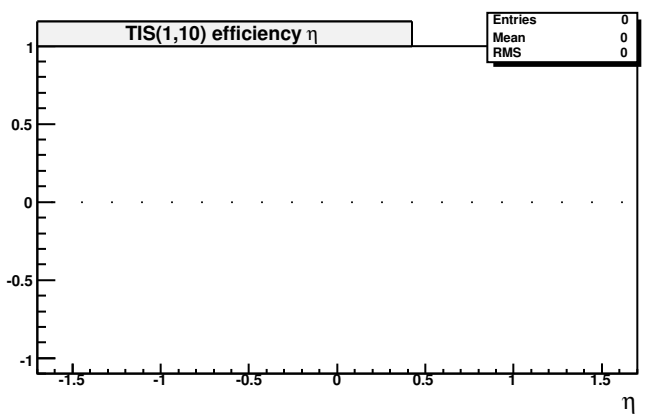

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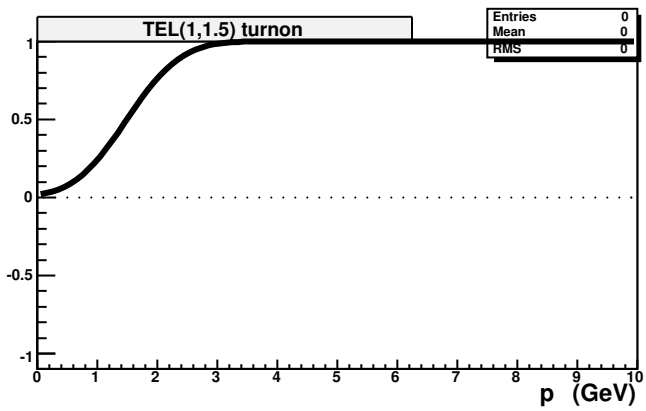

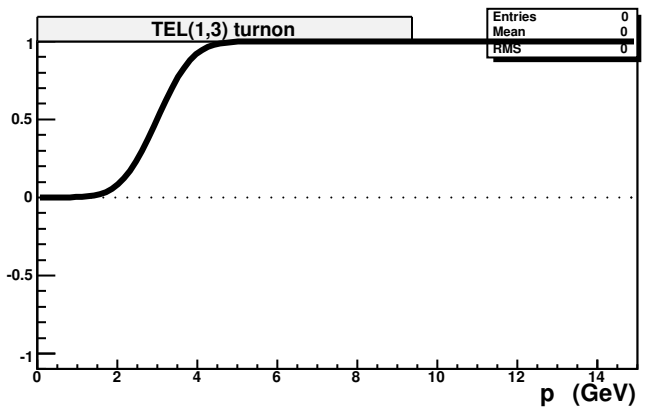

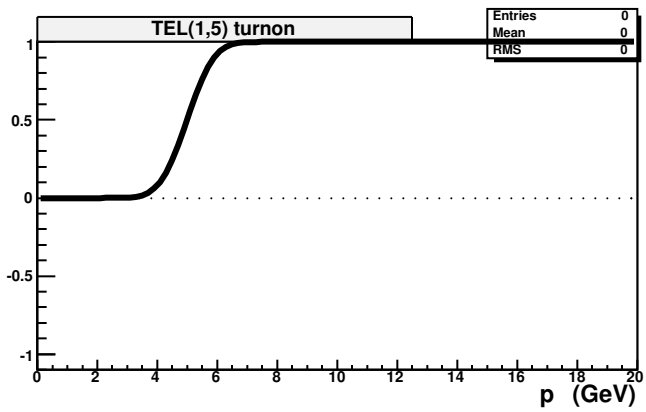

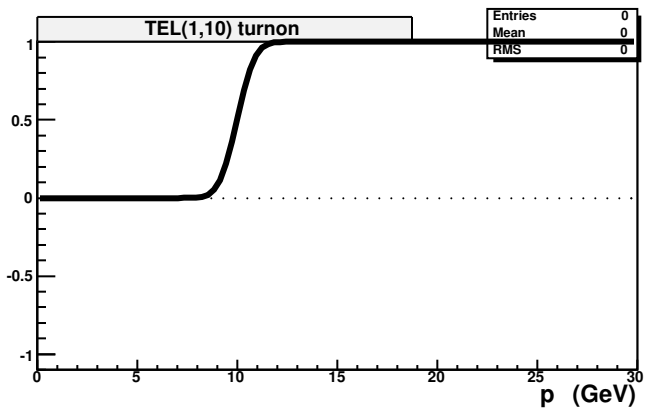

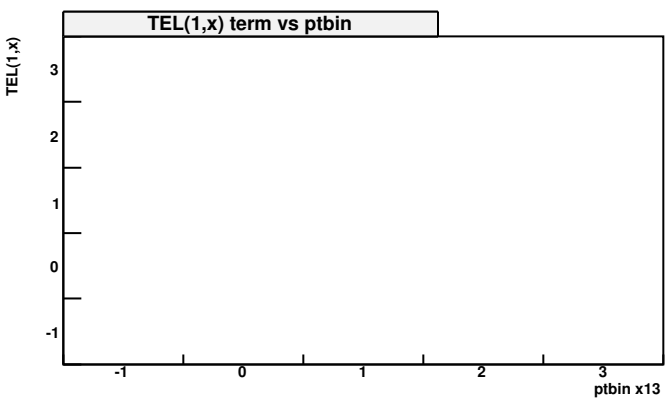

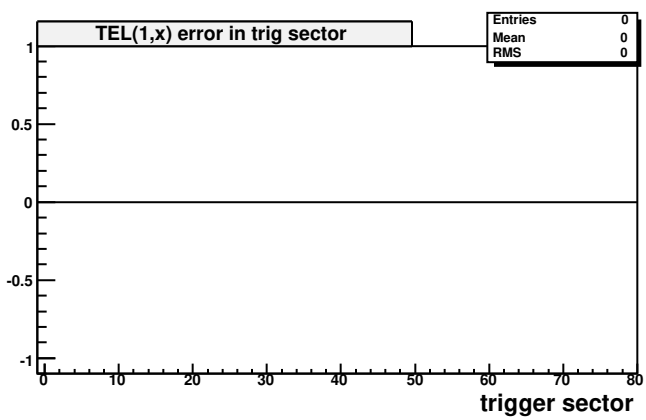

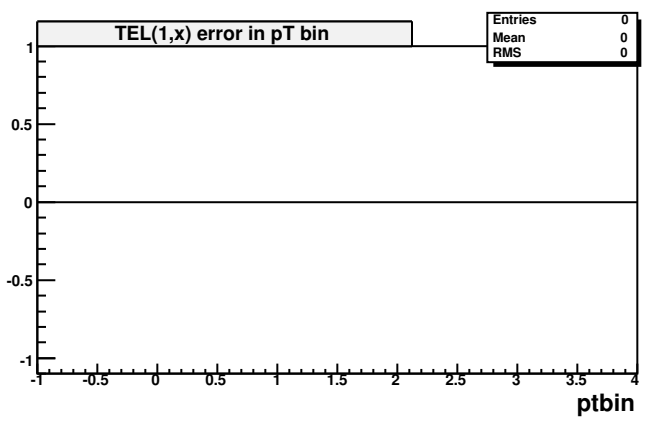

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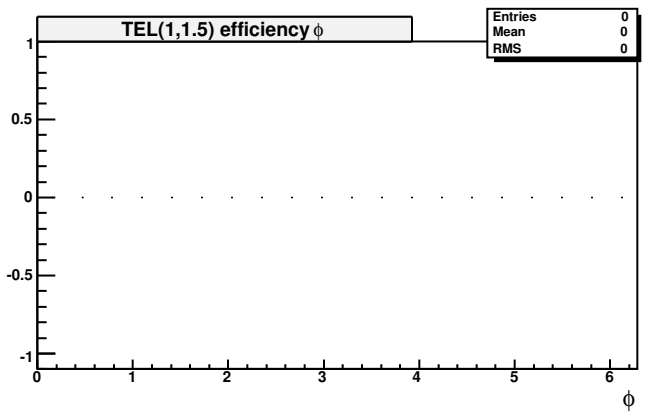

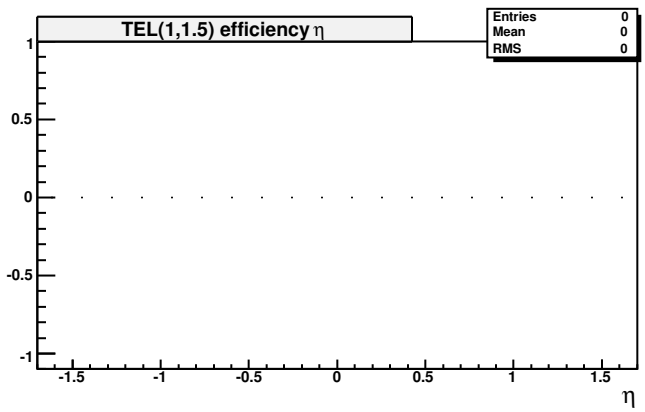

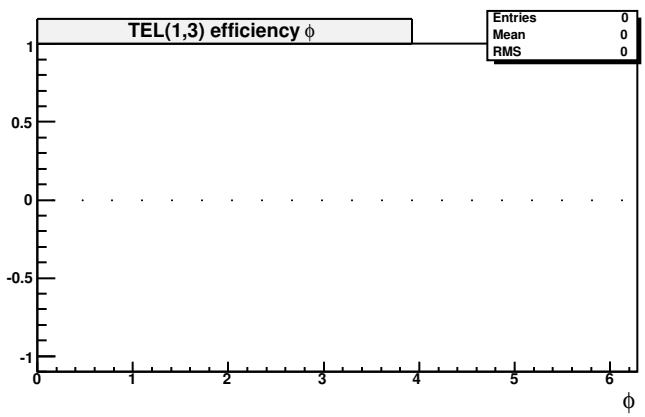

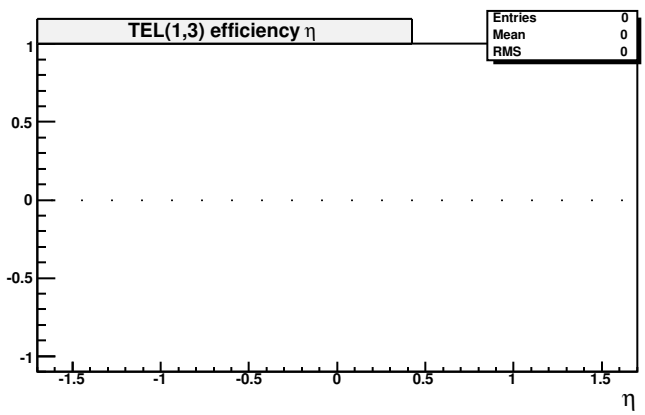

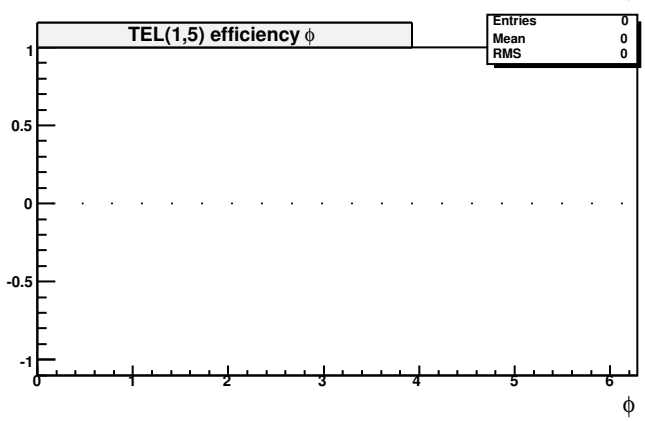

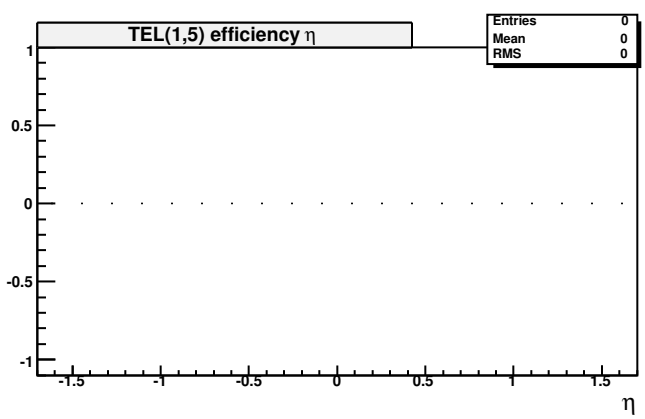

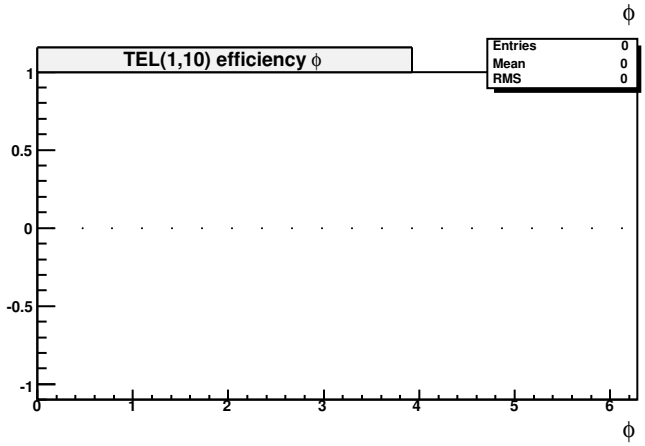

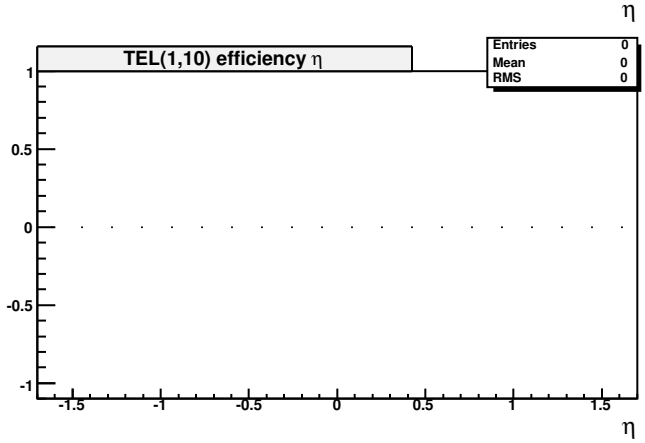

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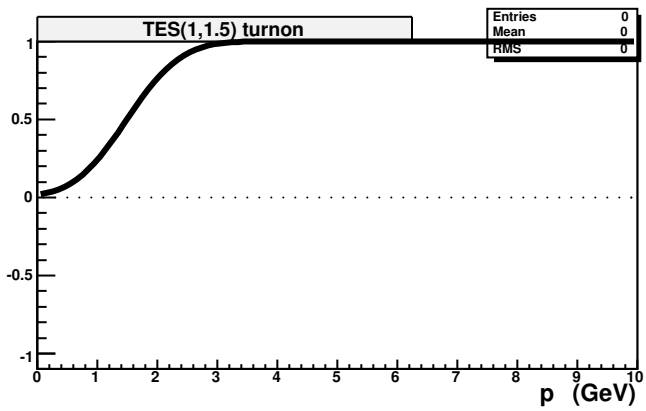
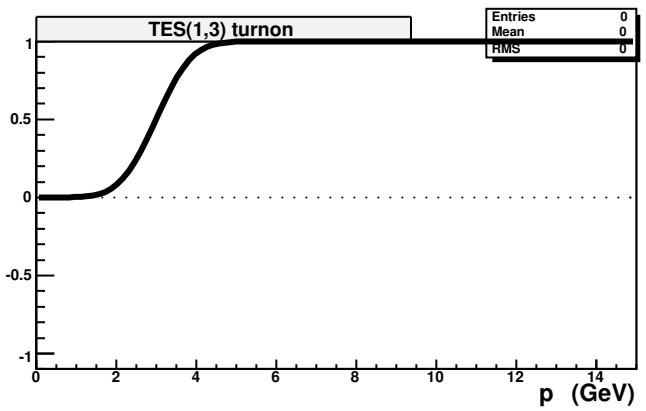
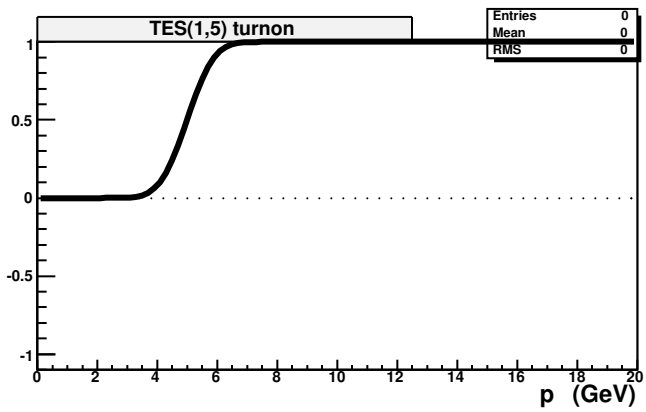
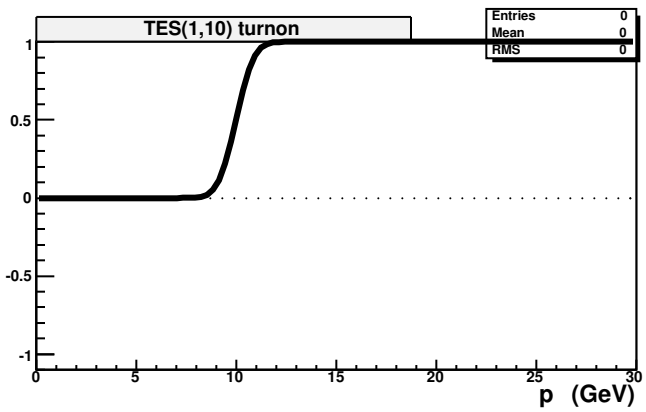
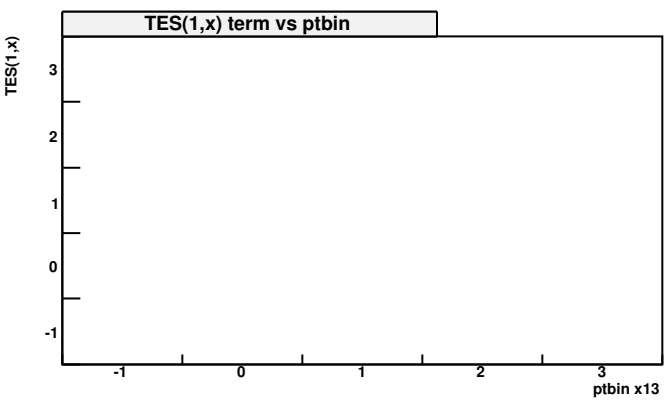
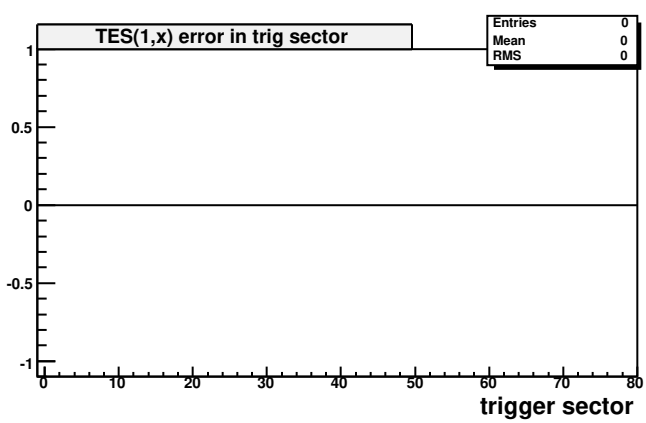


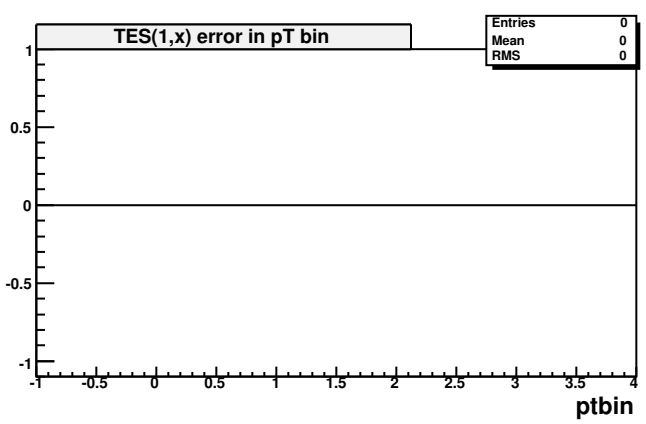




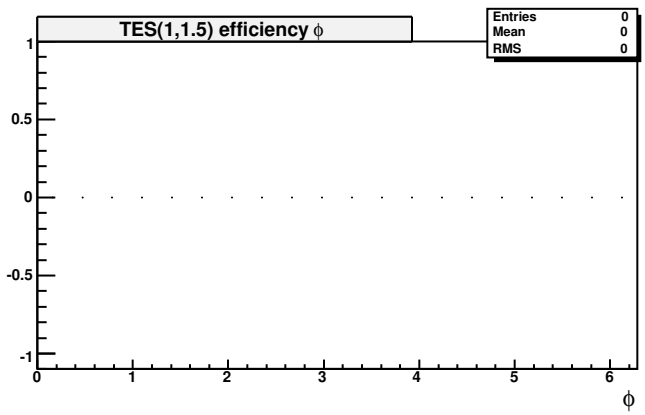


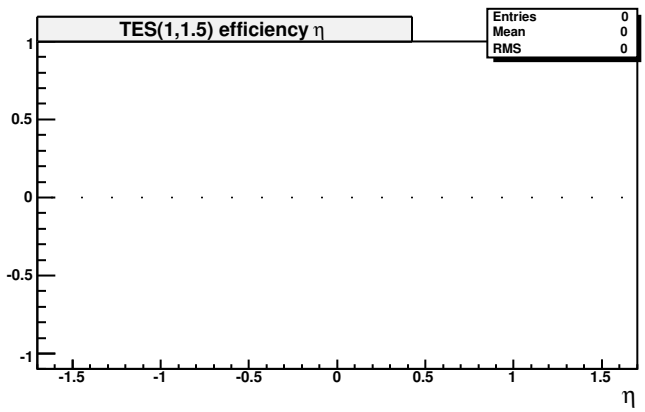


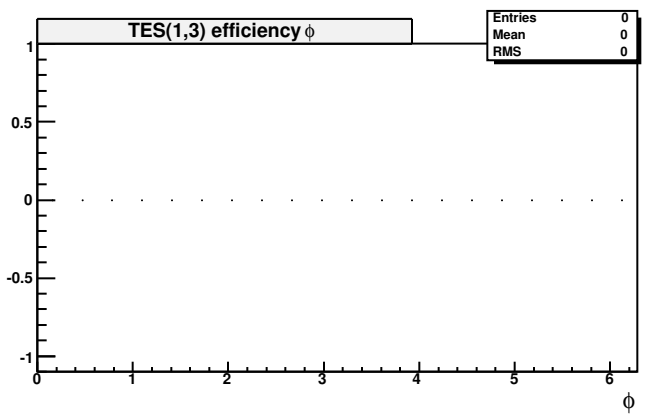


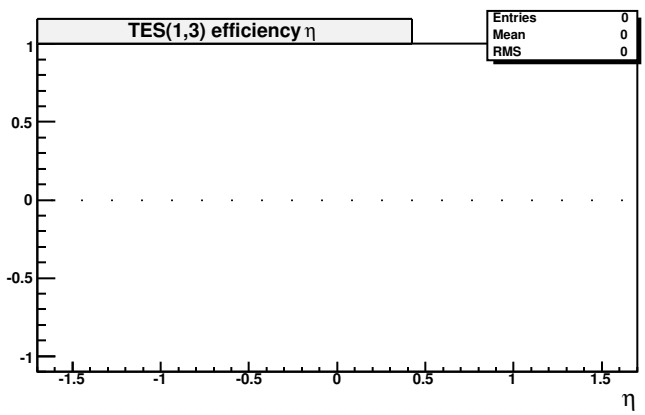


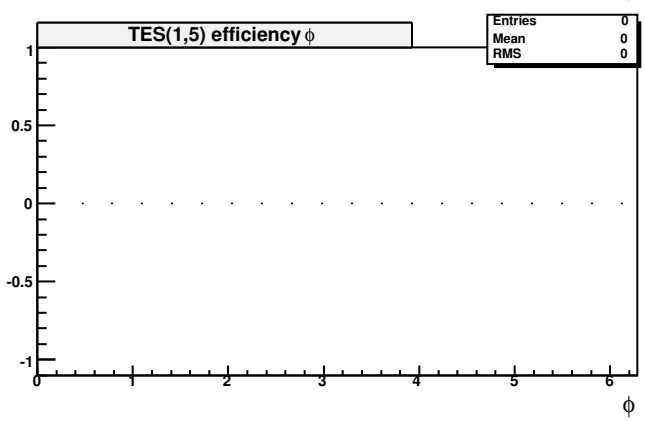
TES (L1CTT All)

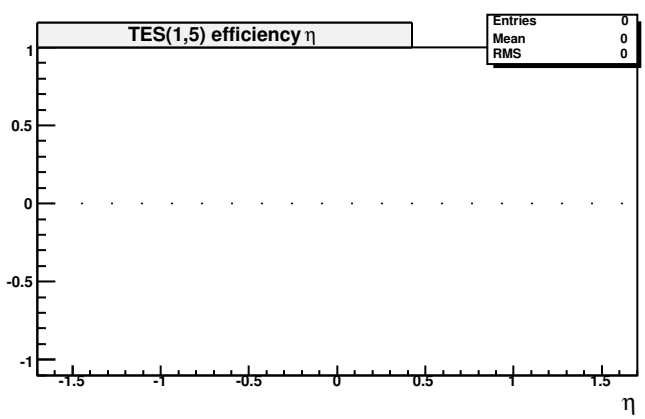


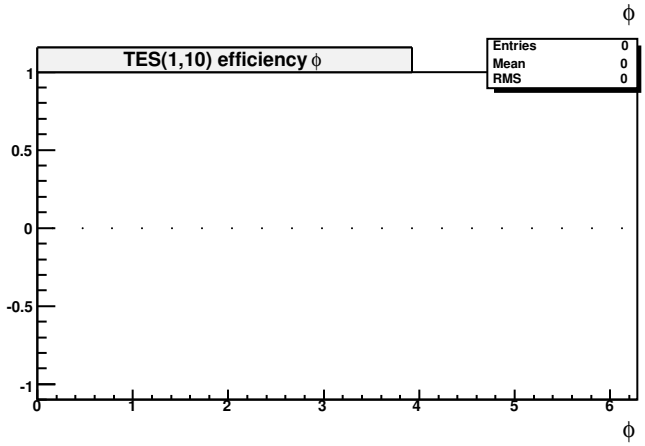


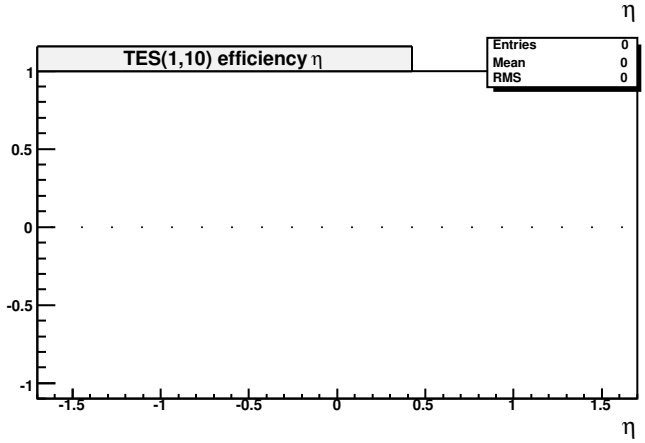












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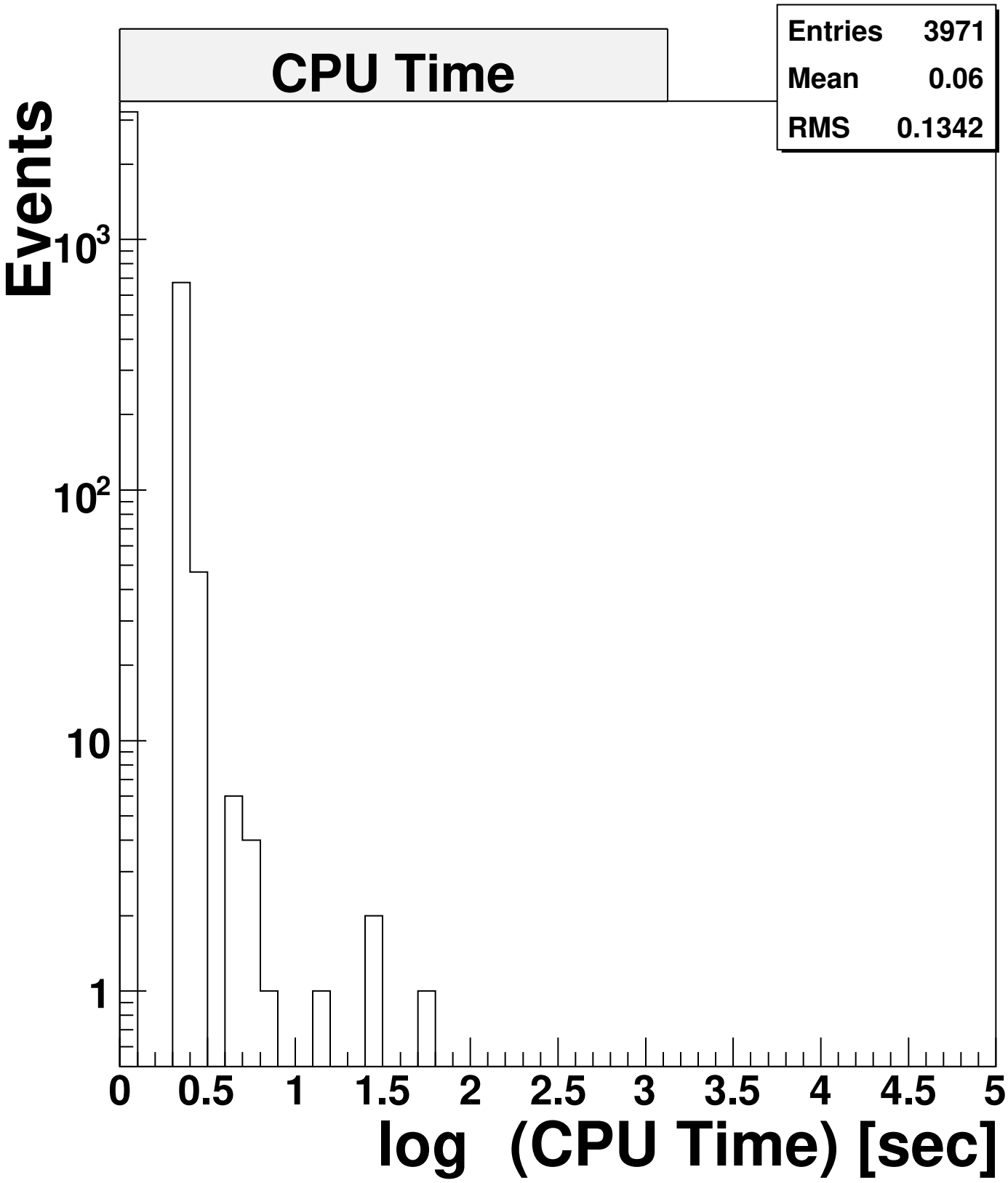

RECO Performance (Timing)