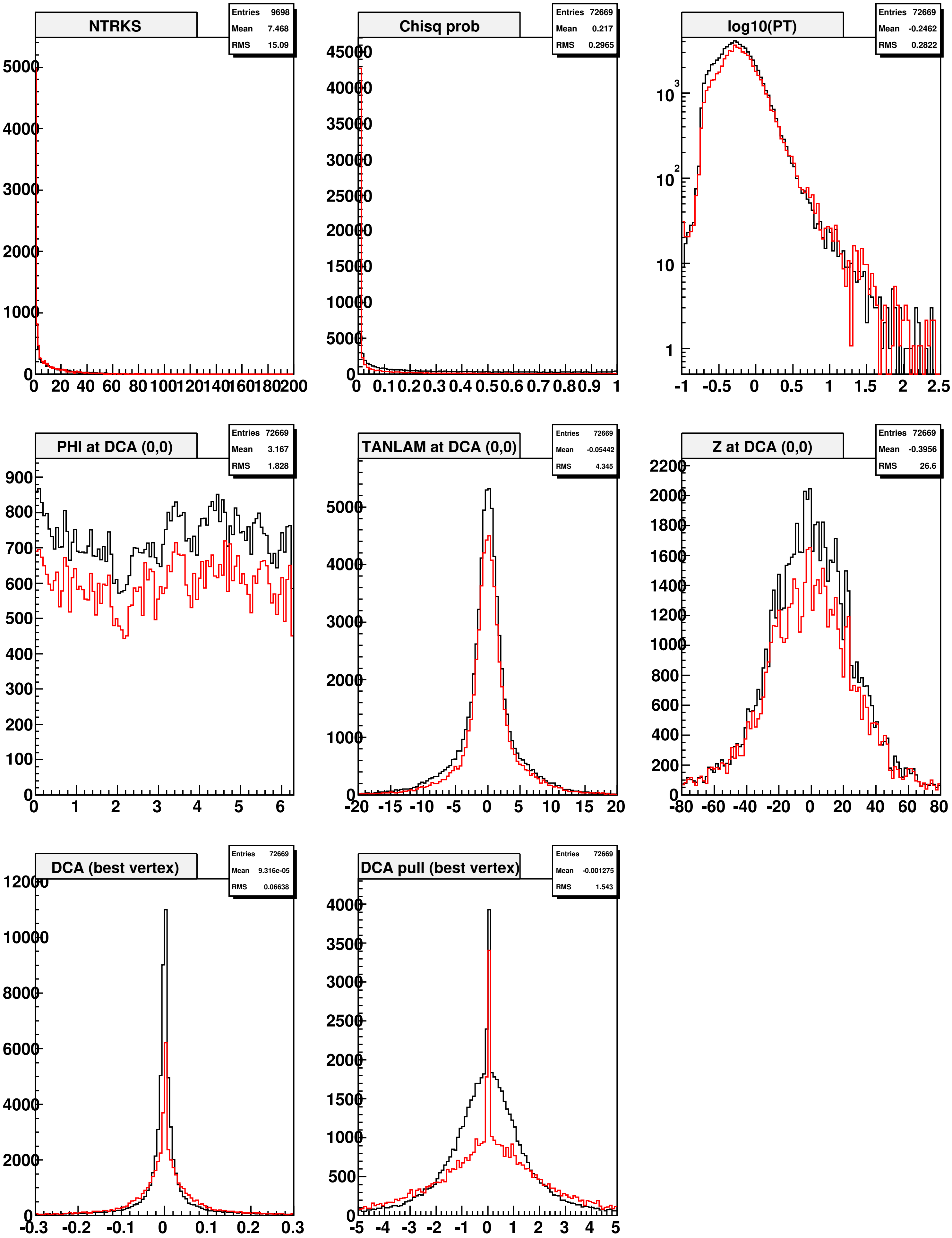
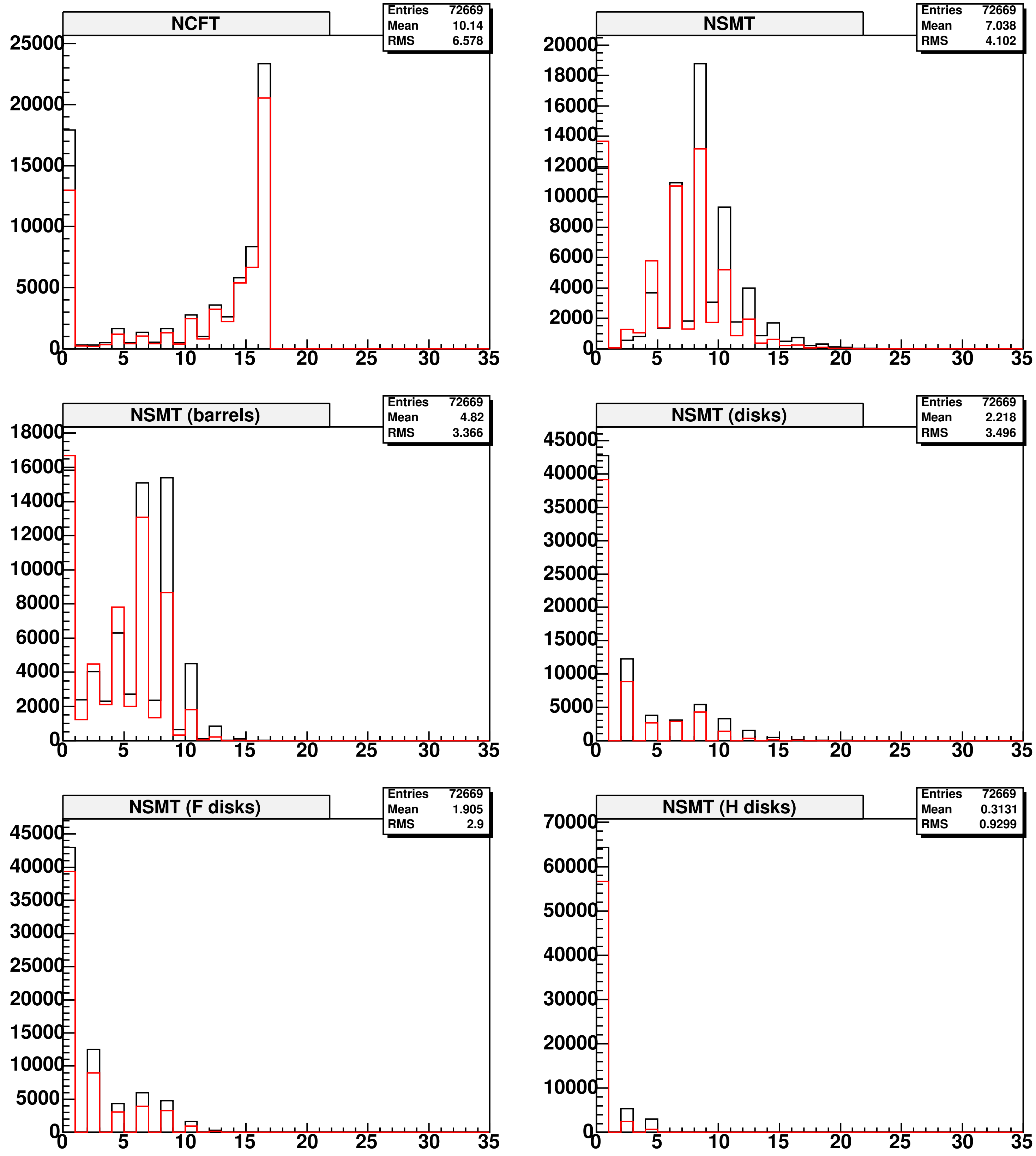
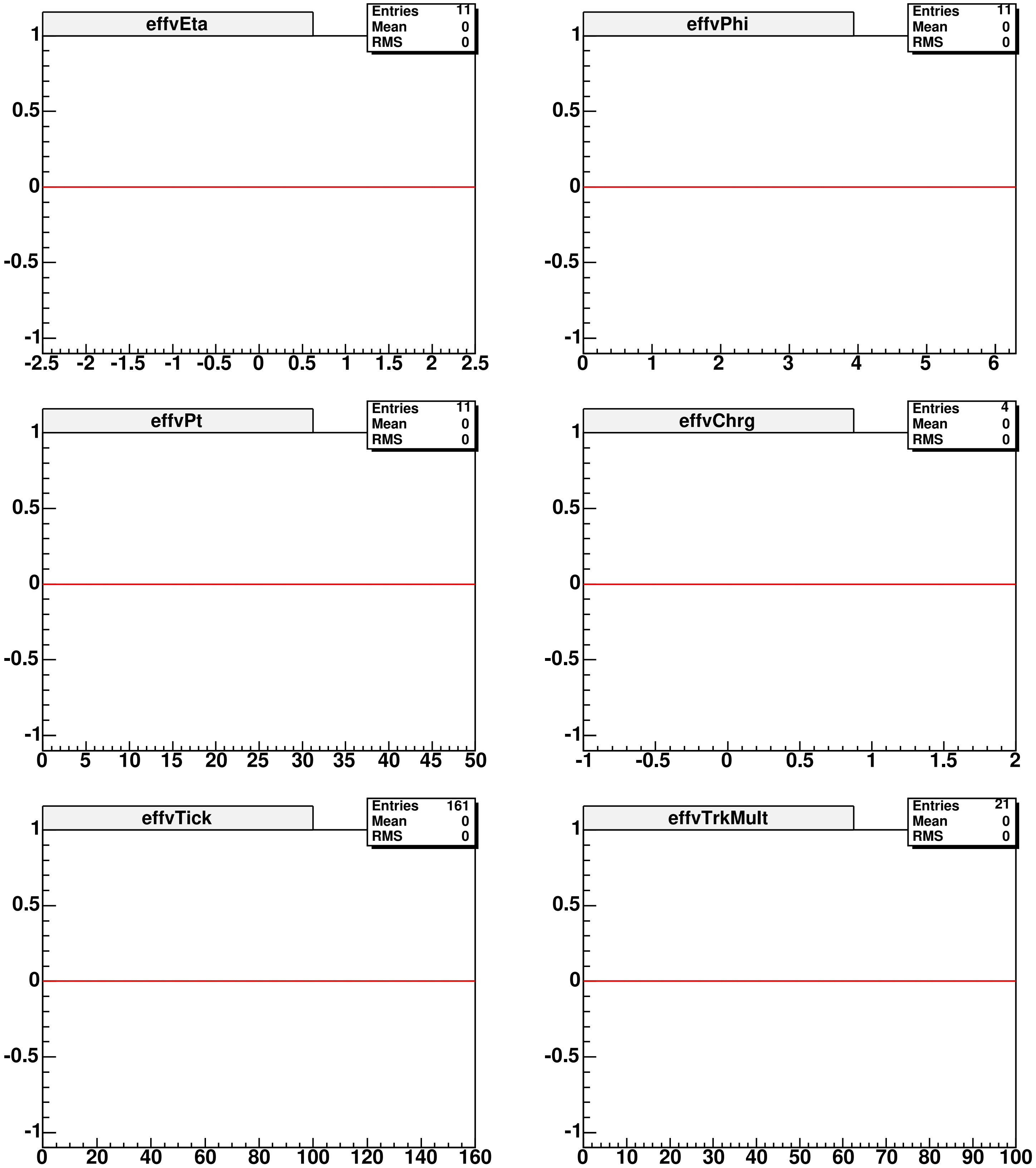


NTRKS
Entries 9698
Mean 7.468
RMS 15.09
Chisq prob
Entries 72669
Mean 0.217
RMS 0.2965
log10(PT)
Entries 72669
Mean -0.2462
RMS 0.2822
PHI at DCA (0,0)
Entries 72669
Mean 3.167
RMS 1.828
TANLAM at DCA (0,0)
Entries 72669
Mean -0.05442
RMS 4.345
Z at DCA (0,0)
Entries 72669
Mean -0.3956
RMS 26.6
DCA (best vertex)
Entries 72669
Mean 9.316e-05
RMS 0.06638
DCA pull (best vertex)
Entries 72669
Mean -0.001275
RMS 1.543

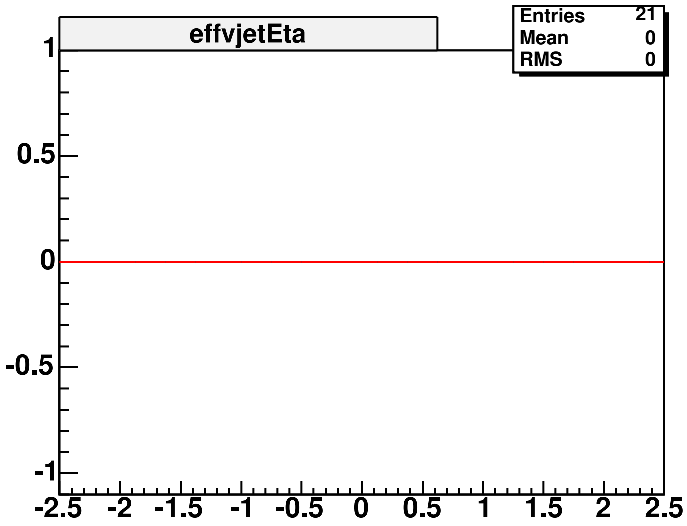
Tracks (All)

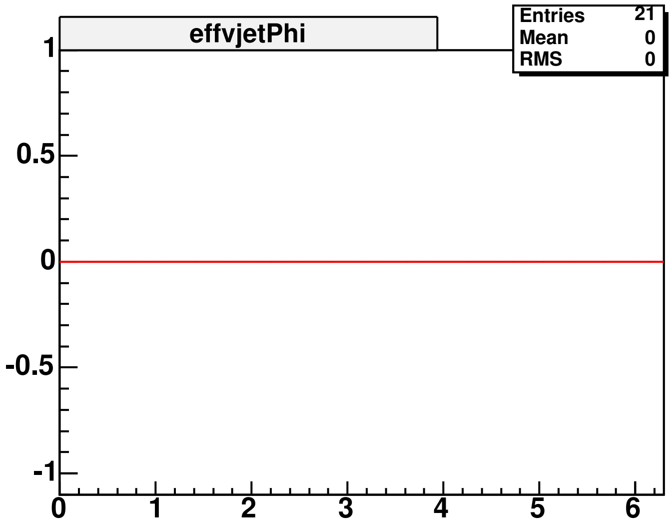


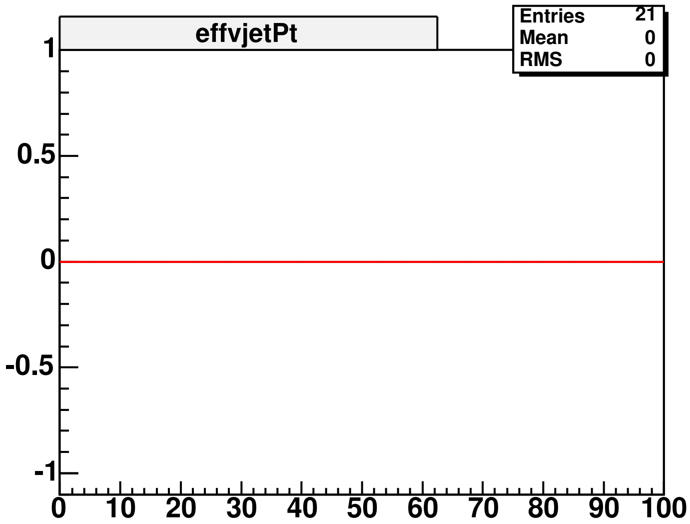
Track Hits (All)



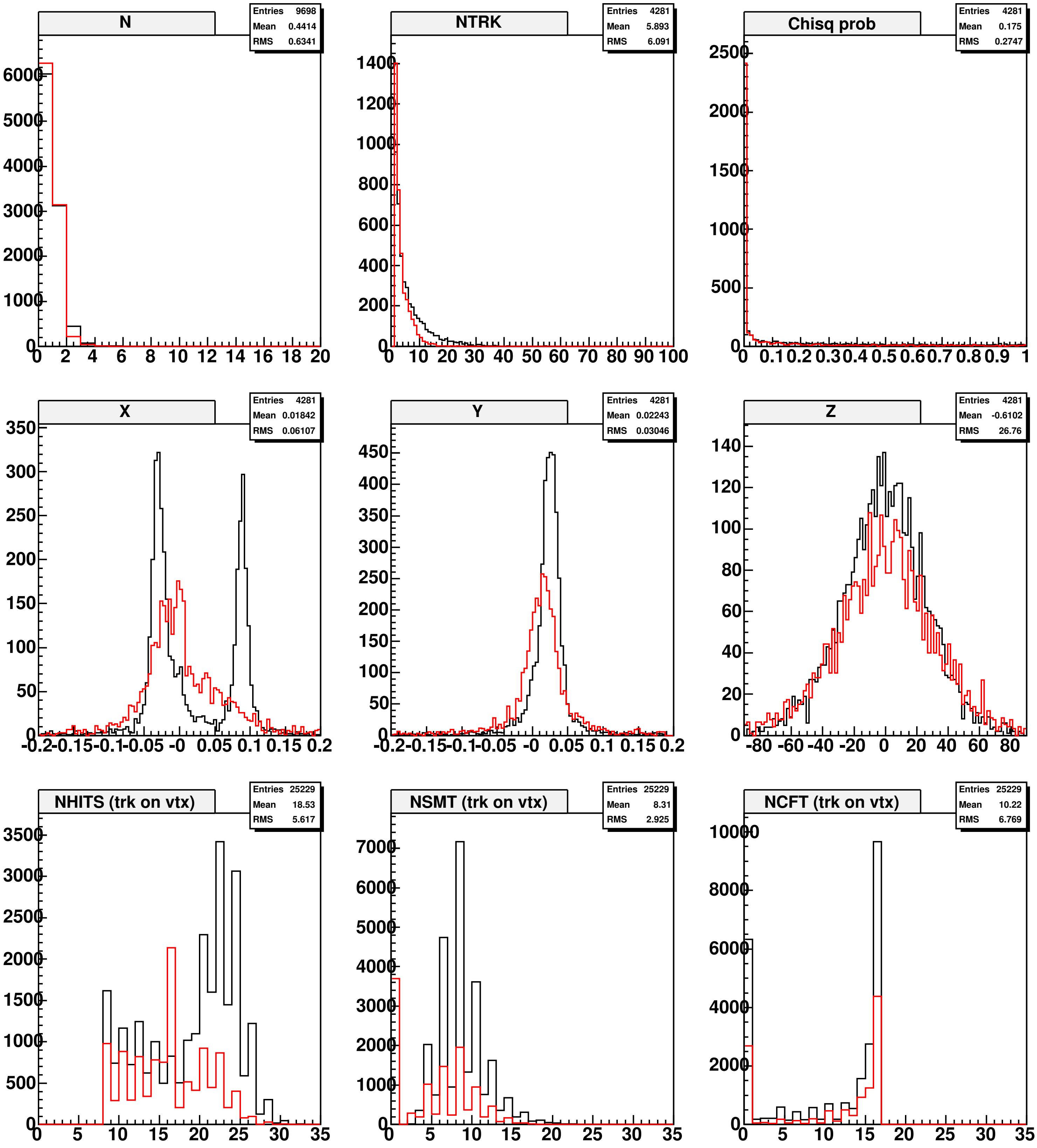
Tracking (Efficiency-Isolated)



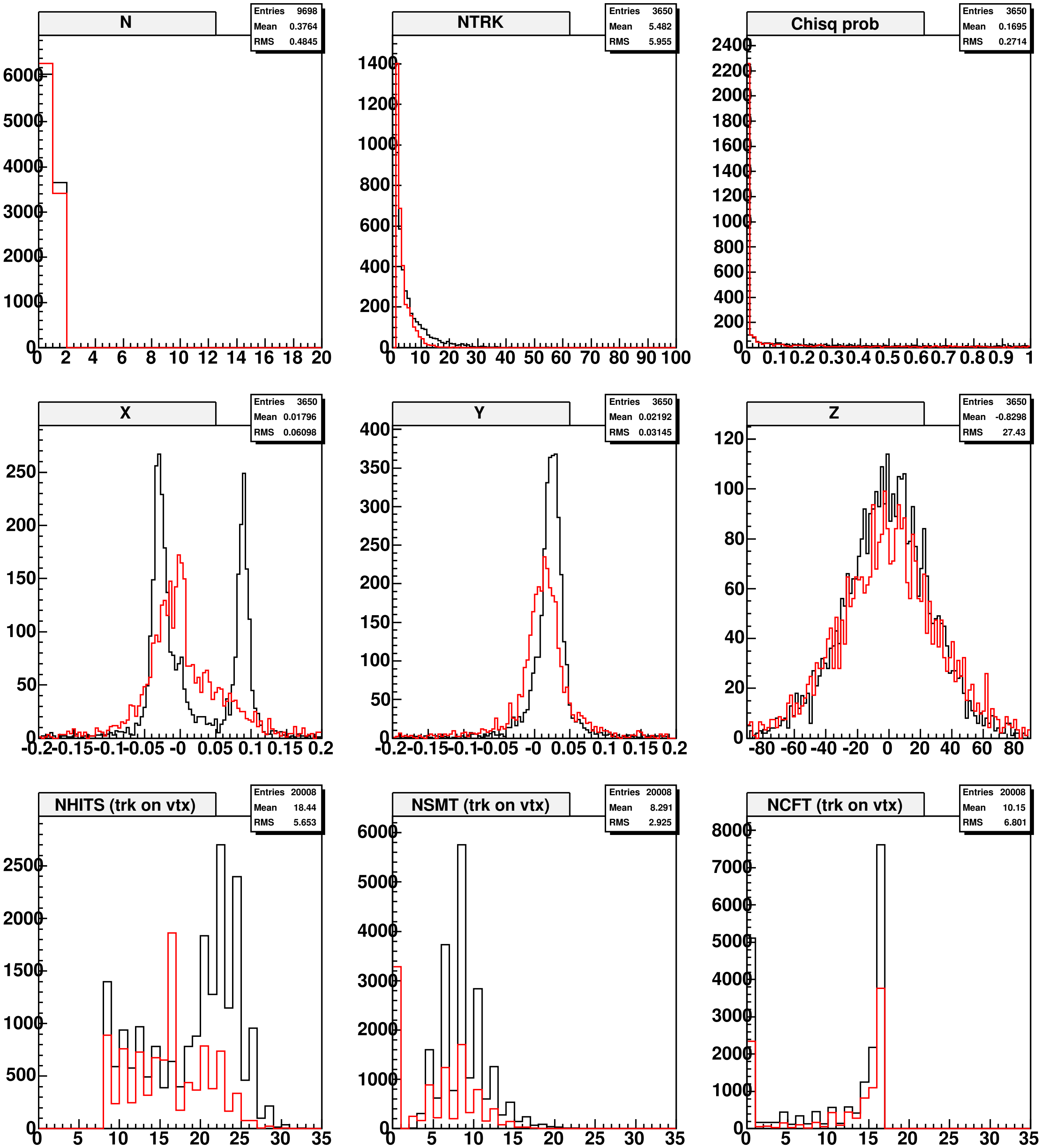




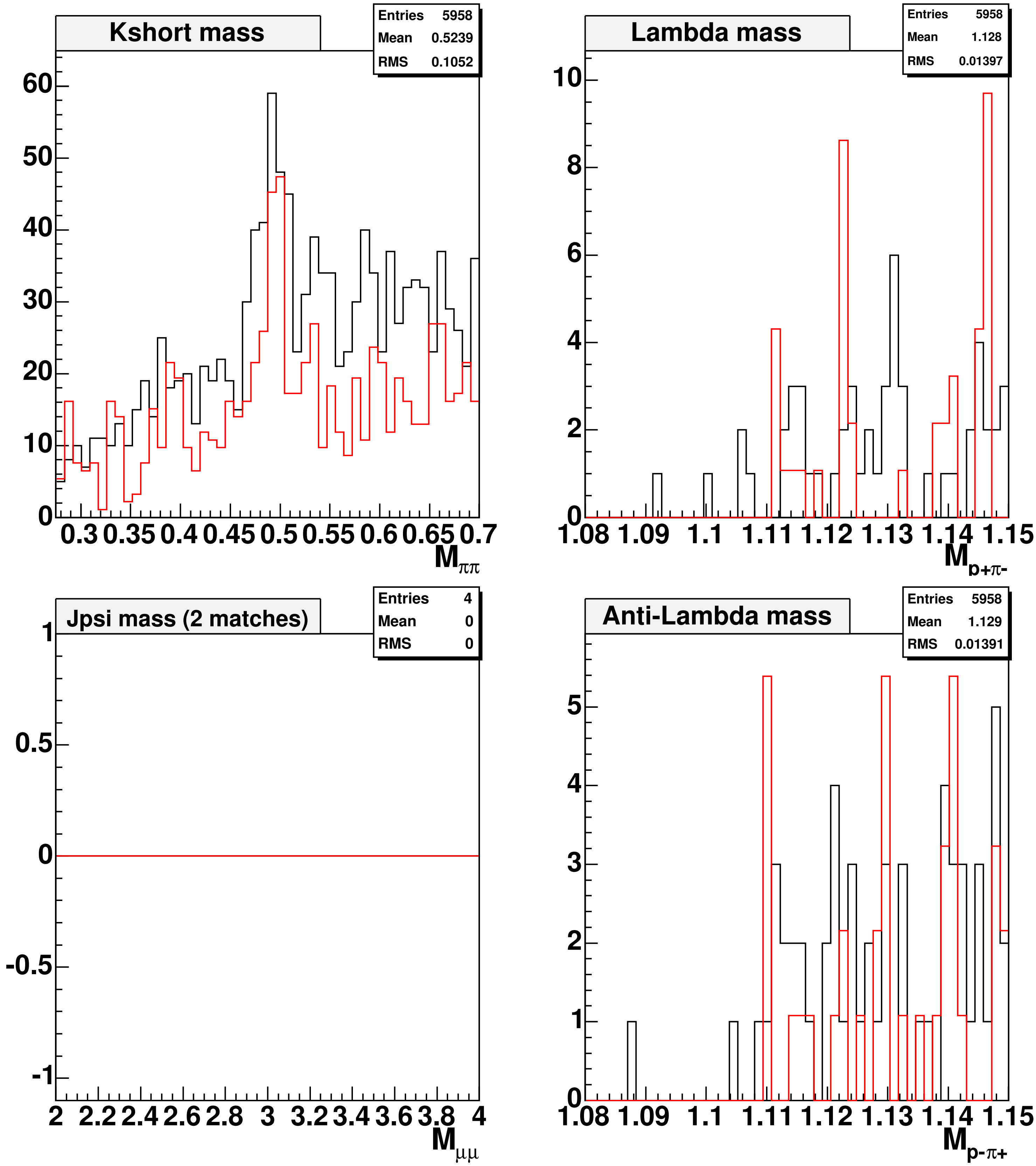
Tracking (Efficiency-InJets)



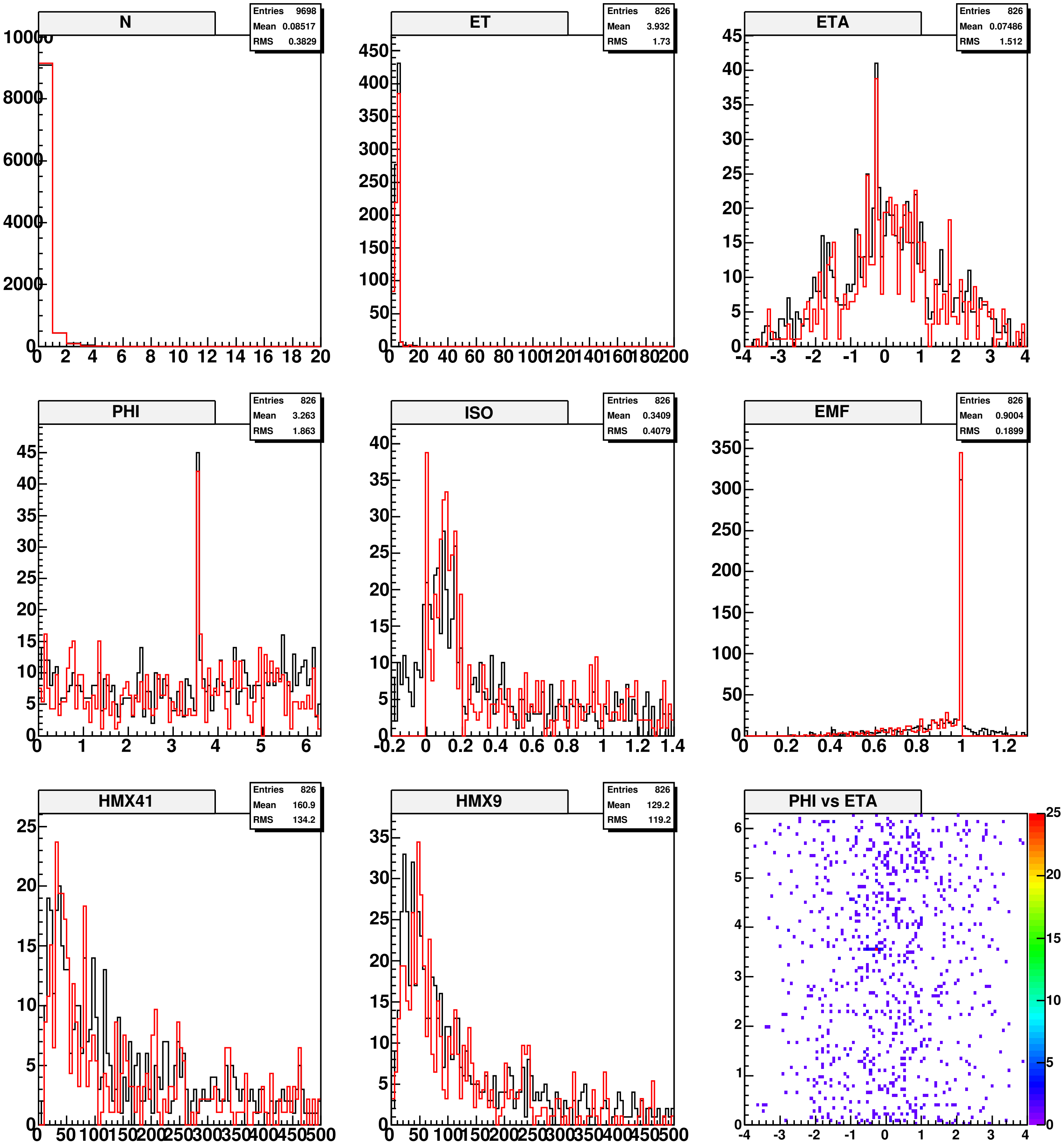
Vertices (Primary - all candidates)



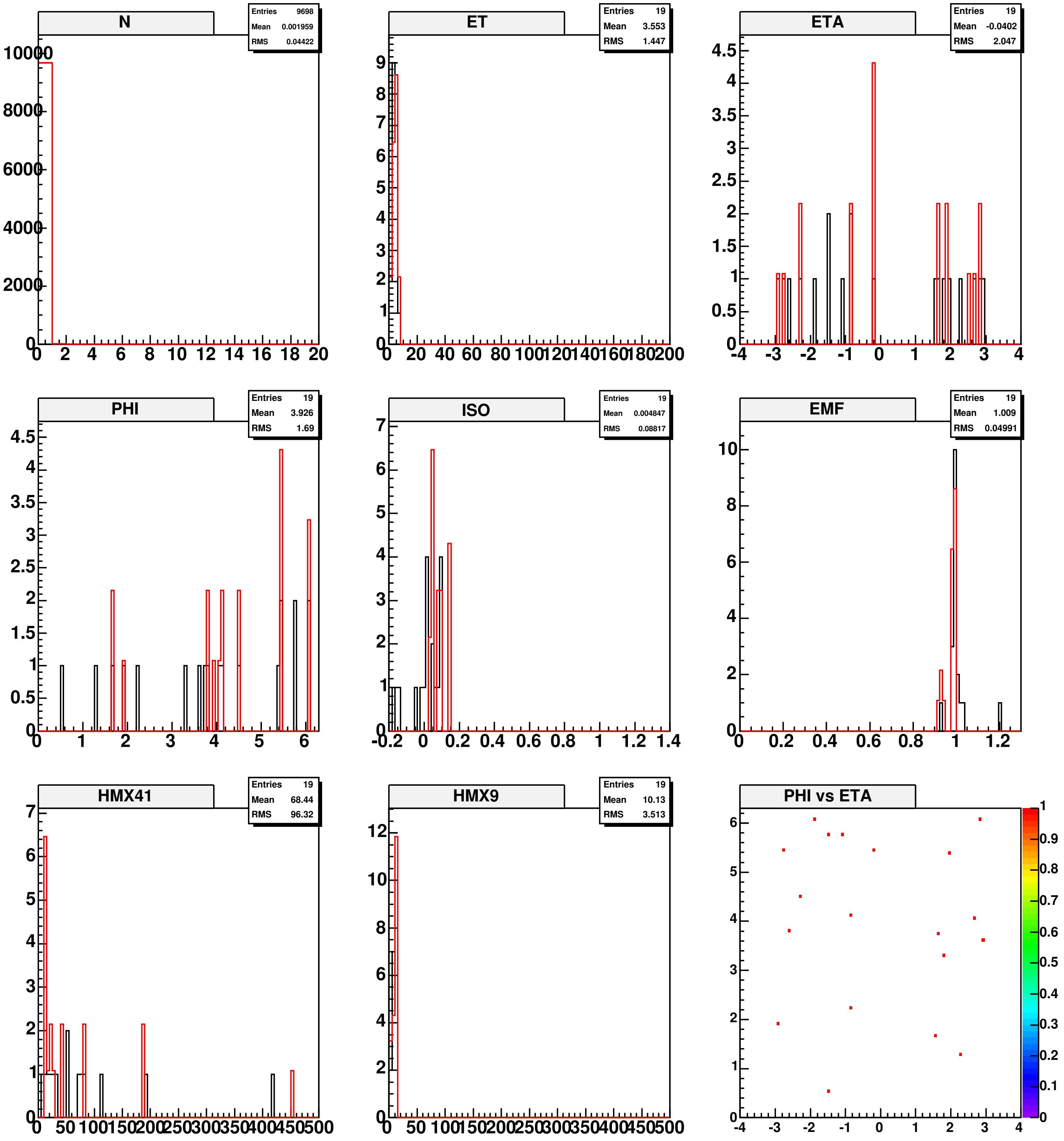
Vertices (Primary - best)


Kshort mass
Entries 5958
Mean 0.5239
RMS 0.1052
Lambda mass
Entries 5958
Mean 1.128
RMS 0.01397
Jpsi mass (2 matches)
Entries 4
Mean 0
RMS 0
Anti-Lambda mass
Entries 5958
Mean 1.129
RMS 0.01391

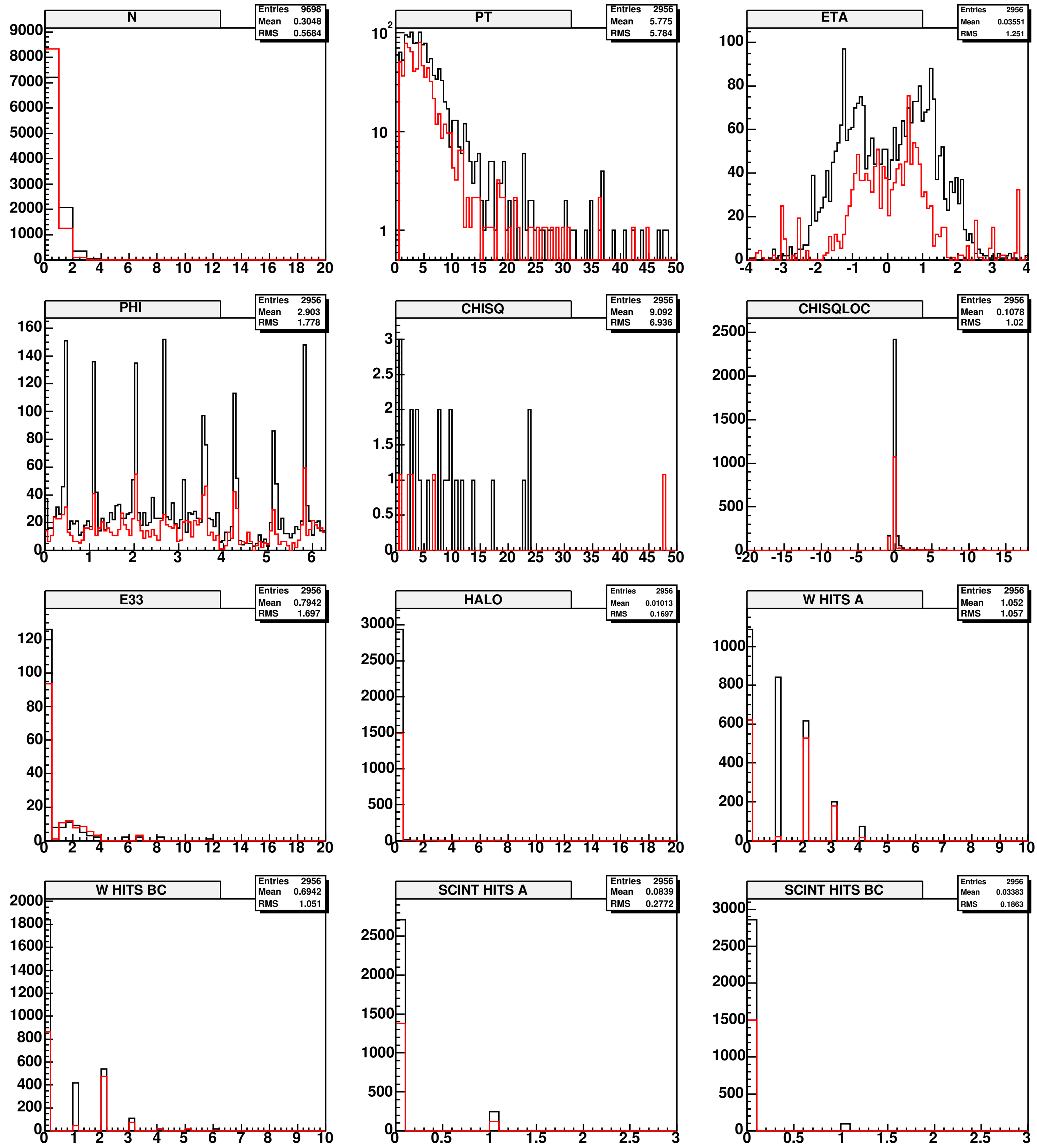
V0 (All)



Electrons (SCONE All)

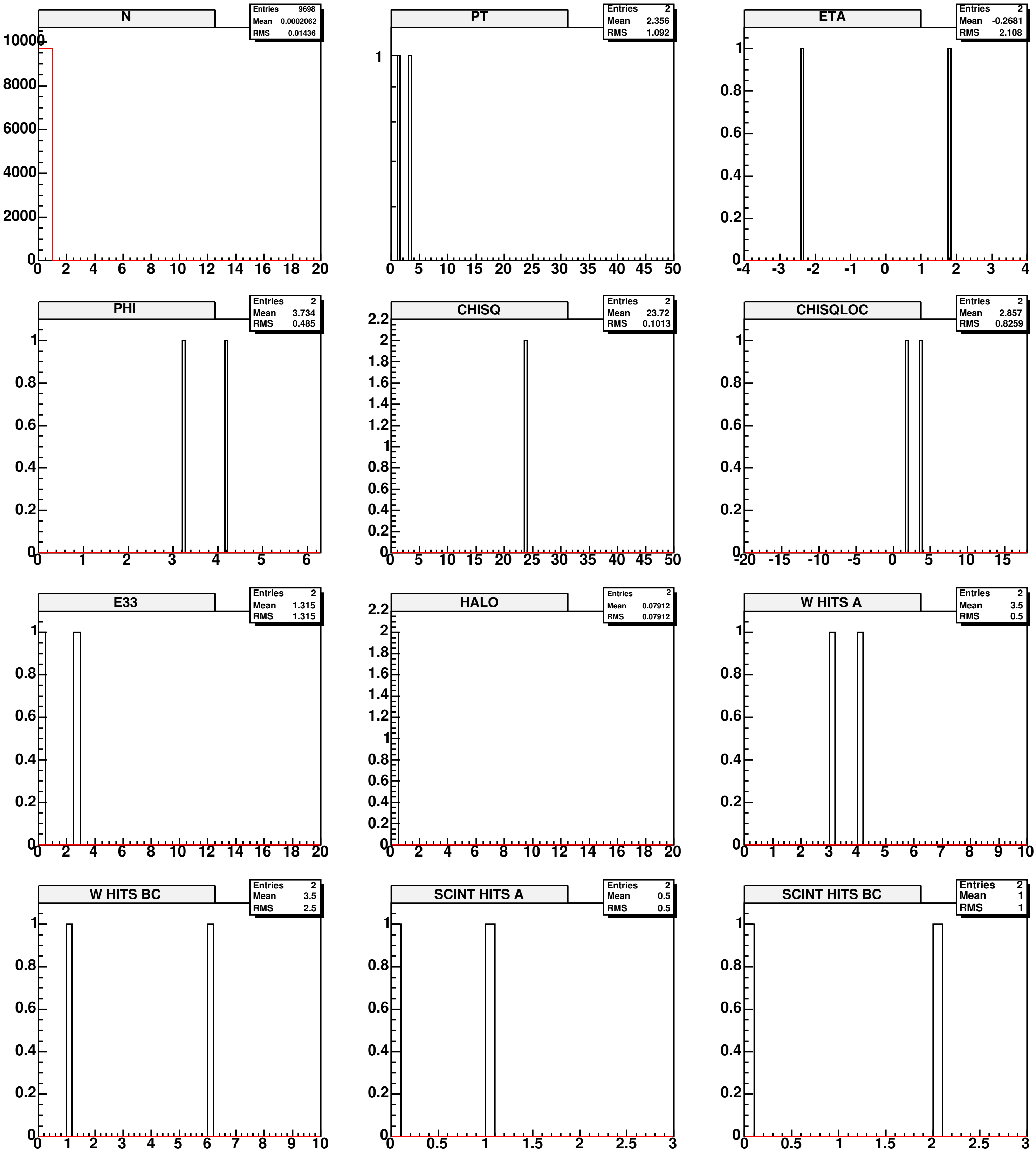


Electrons (SCONE Tight)

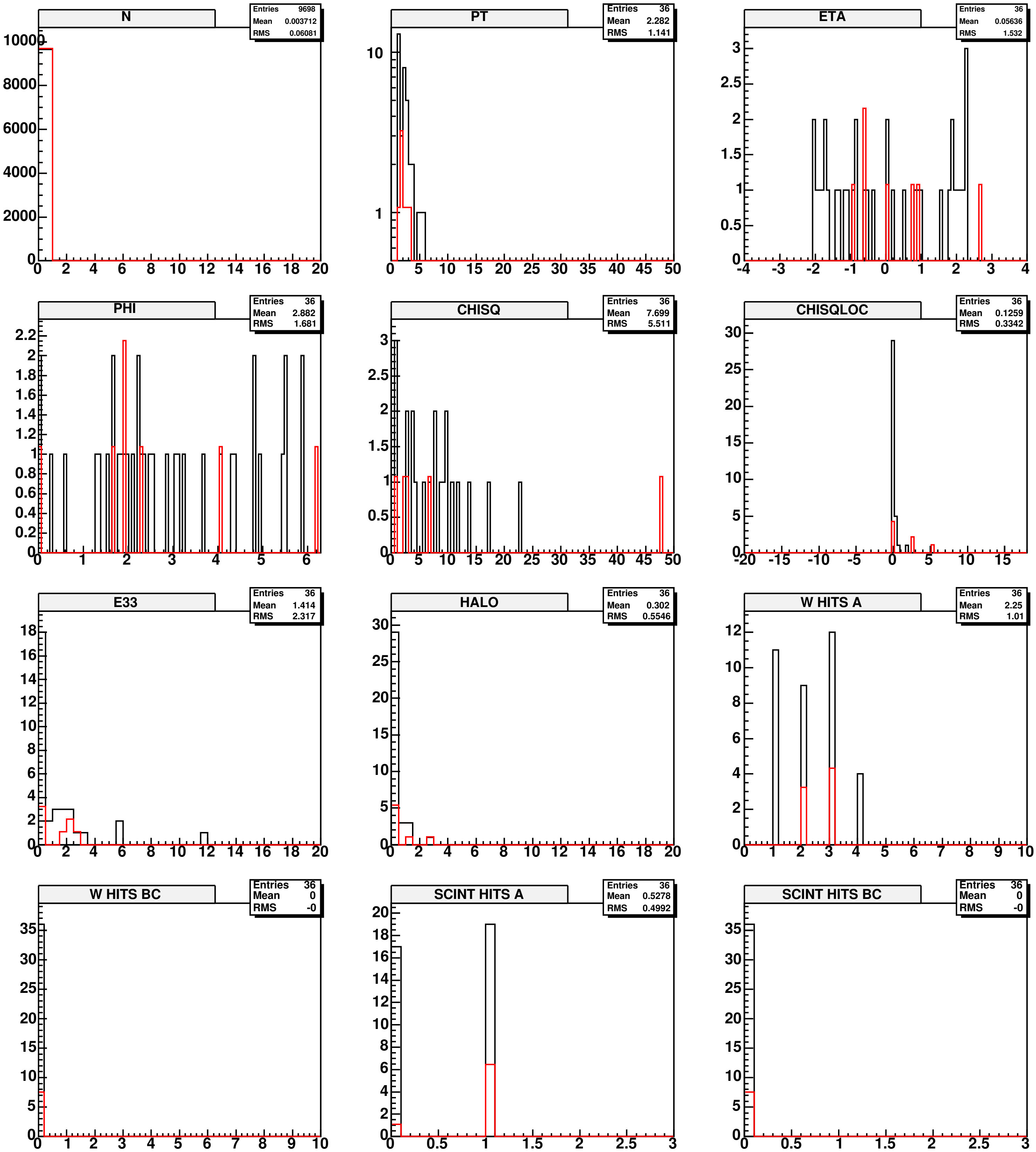


N
Entries 9698
Mean 0.3048
RMS 0.5684
PT
Entries 2956
Mean 5.775
RMS 5.784
ETA
Entries 2956
Mean 0.03551
RMS 1.251
PHI
Entries 2956
Mean 2.903
RMS 1.778
CHISQ
Entries 2956
Mean 9.092
RMS 6.936
CHISQLOC
Entries 2956
Mean 0.1078
RMS 1.02
E33
Entries 2956
Mean 0.7942
RMS 1.697
HALO
Entries 2956
Mean 0.01013
RMS 0.1697
W HITS A
Entries 2956
Mean 1.052
RMS 1.057
W HITS BC
Entries 2956
Mean 0.6942
RMS 1.051
SCINT HITS A
Entries 2956
Mean 0.0839
RMS 0.2772
SCINT HITS BC
Entries 2956
Mean 0.03383
RMS 0.1863

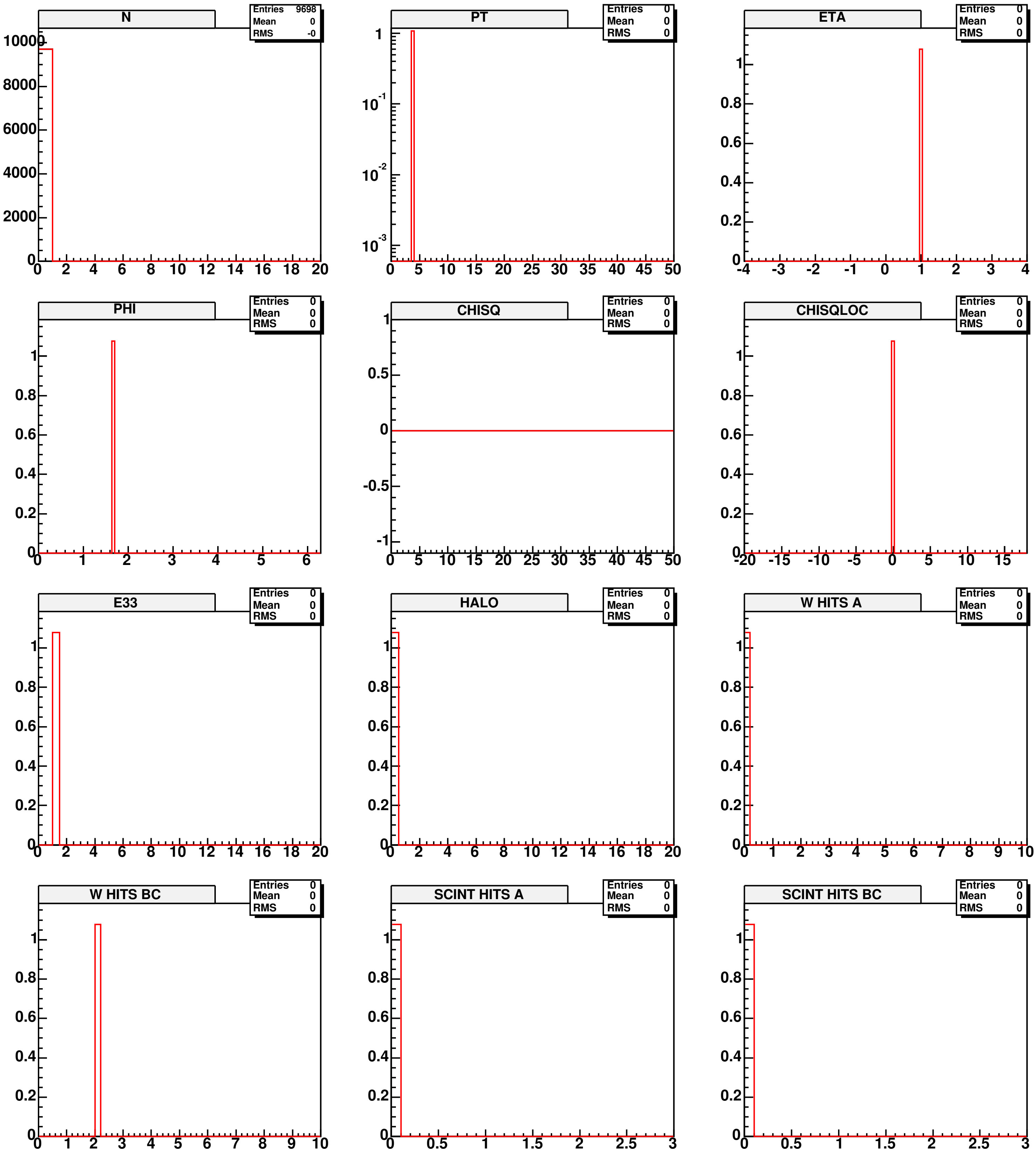
Muons (All)



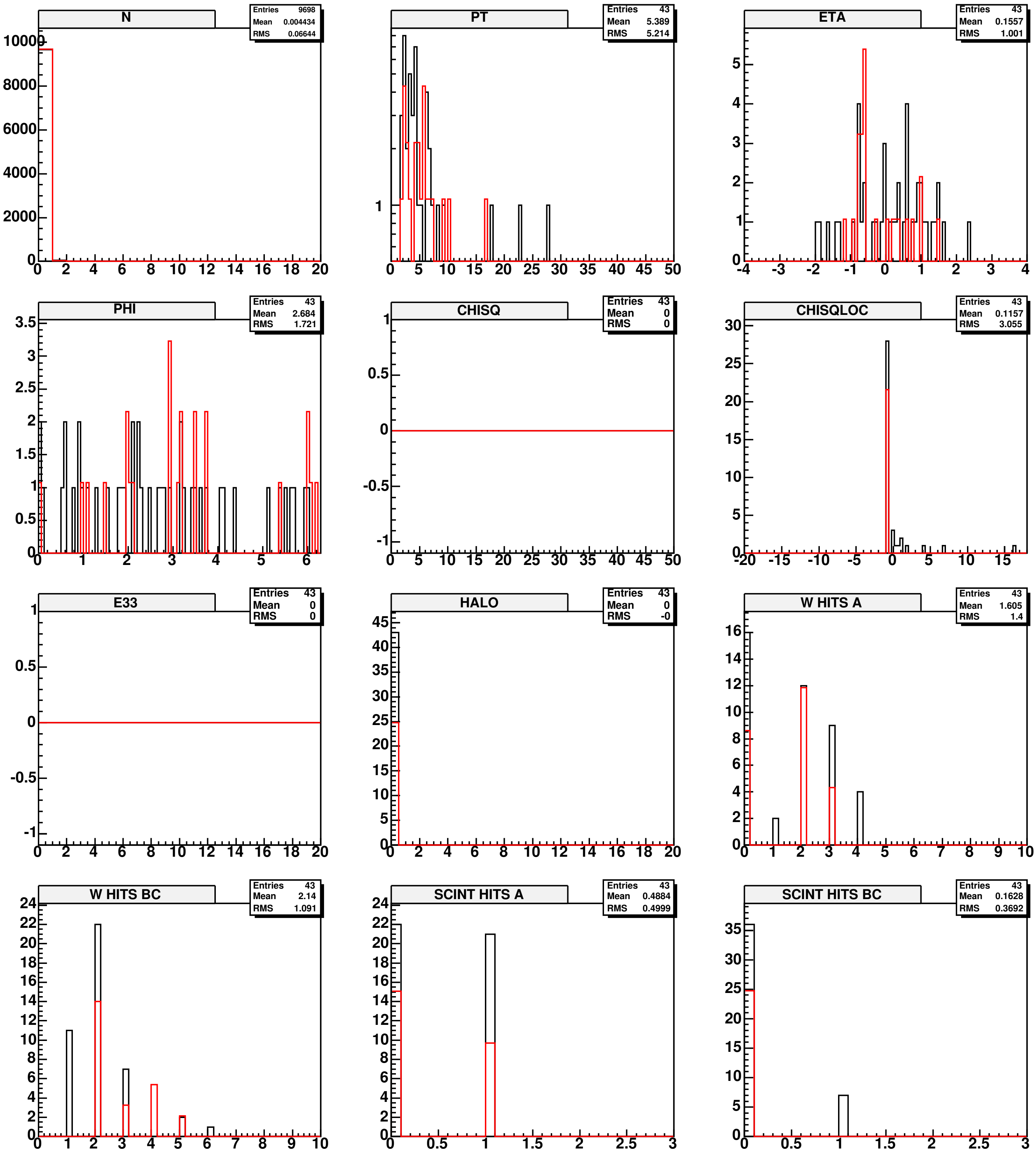
Muons (Matched)


N
Entries 9698
Mean 0.003712
RMS 0.06081
PT
Entries 36
Mean 2.282
RMS 1.141
ETA
Entries 36
Mean 0.05636
RMS 1.532
PHI
Entries 36
Mean 2.882
RMS 1.681
CHISQ
Entries 36
Mean 7.699
RMS 5.511
CHISQLOC
Entries 36
Mean 0.1259
RMS 0.3342
E33
Entries 36
Mean 1.414
RMS 2.317
HALO
Entries 36
Mean 0.302
RMS 0.5546
W HITS A
Entries 36
Mean 2.25
RMS 1.01
W HITS BC
Entries 36
Mean 0
RMS -0
SCINT HITS A
Entries 36
Mean 0.5278
RMS 0.4992
SCINT HITS BC
Entries 36
Mean 0
RMS -0

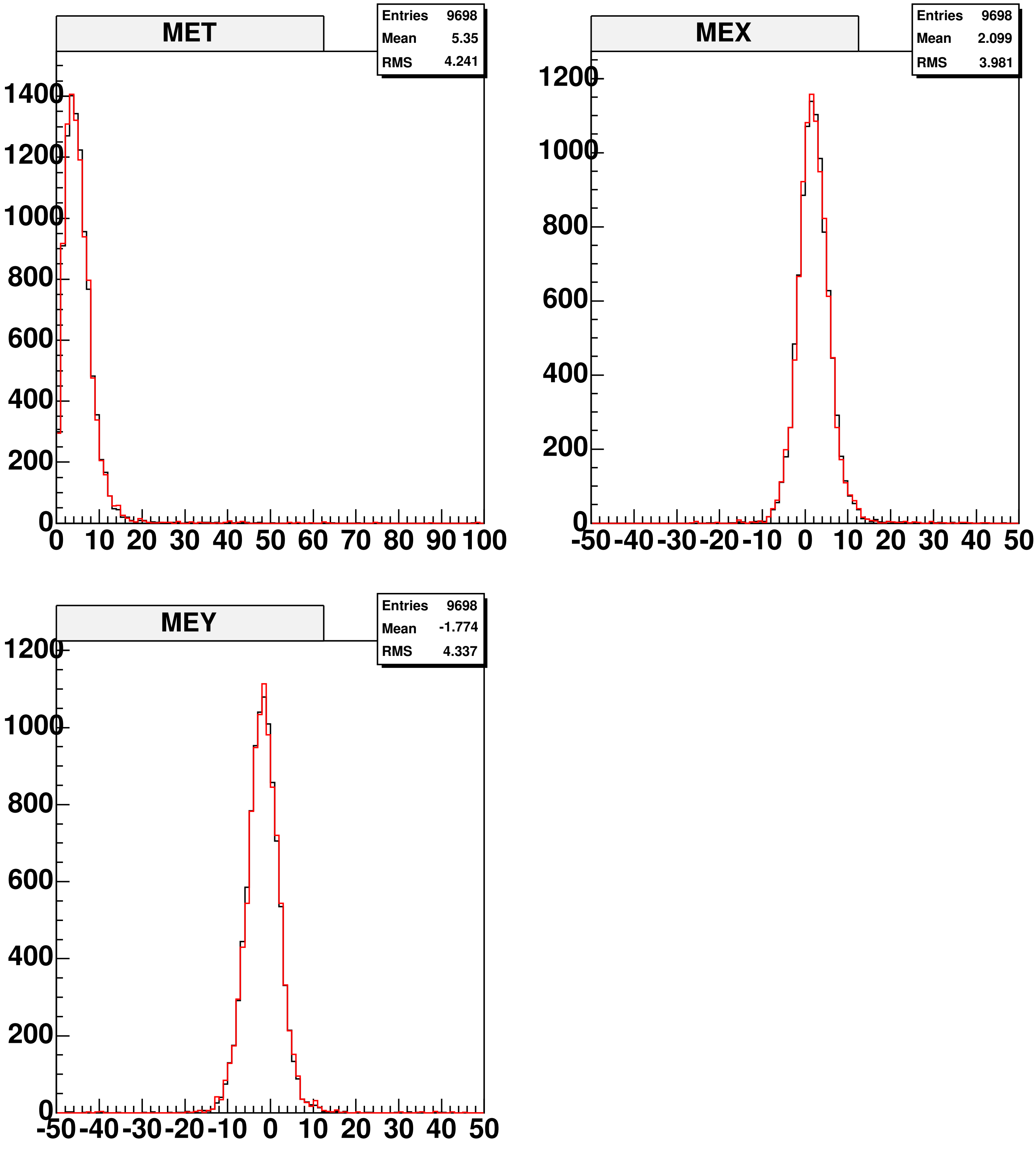
Muons (Astub)



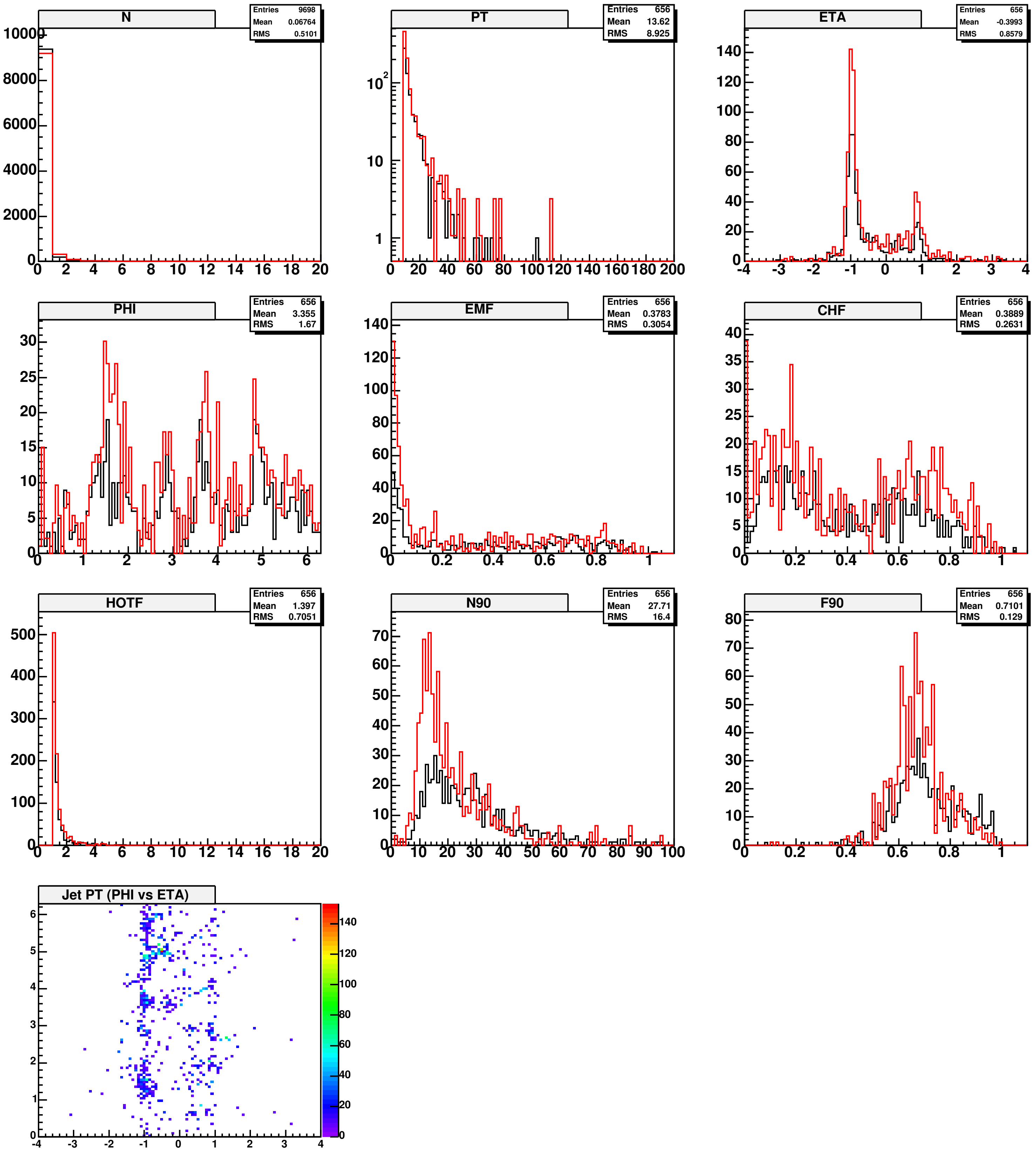
Muons (BCstub)



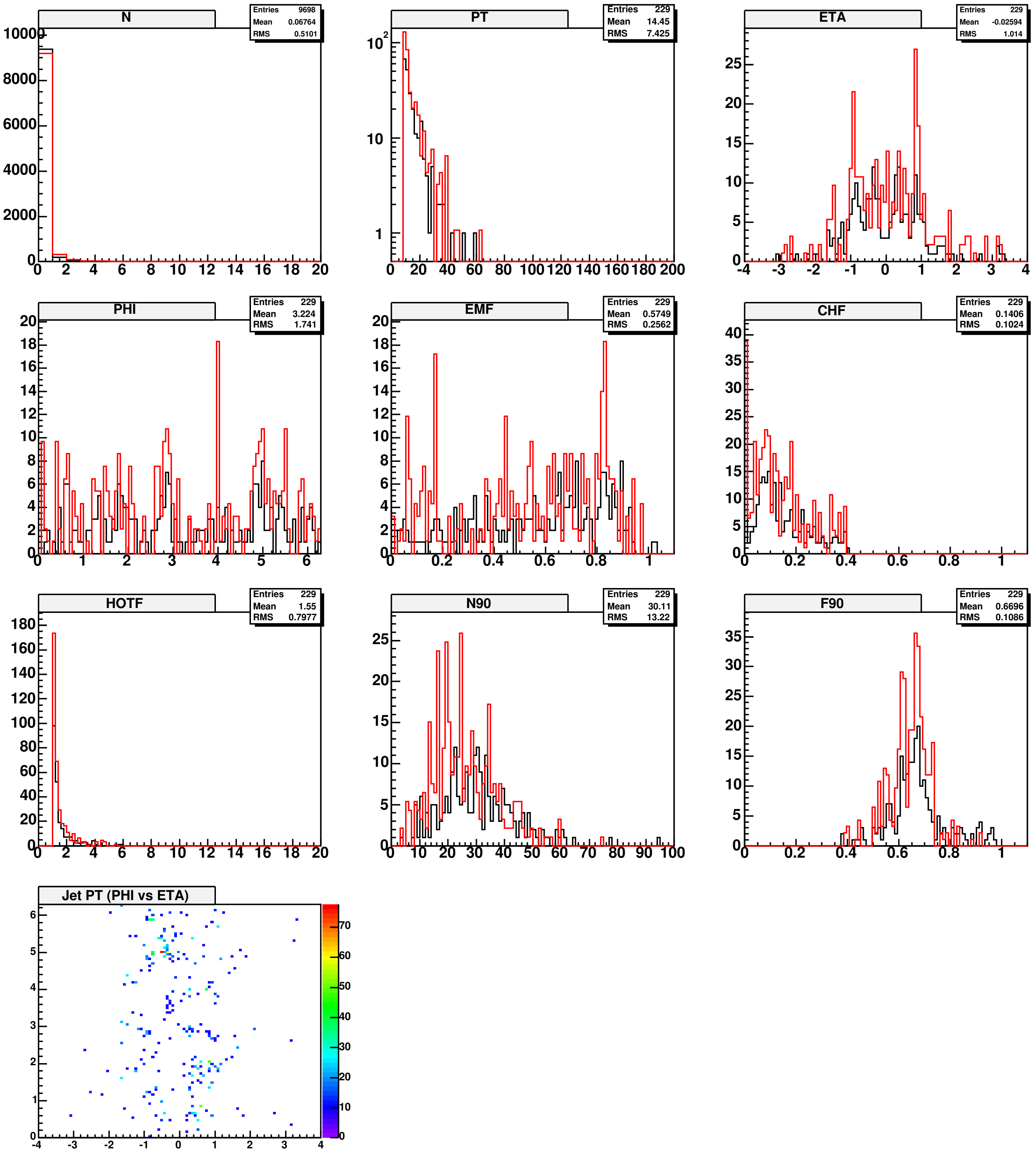
Muons (Unmatched)


MET
Entries 9698
Mean 5.35
RMS 4.241
0
200
400
600
800
1000
1200
1400
0 10 20 30 40 50 60 70 80 90 100
MEX
Entries 9698
Mean 2.099
RMS 3.981
0
200
400
600
800
1000
1200
-50 -40 -30 -20 -10 0 10 20 30 40 50
MEY
Entries 9698
Mean -1.774
RMS 4.337
0
200
400
600
800
1000
1200
-50 -40 -30 -20 -10 0 10 20 30 40 50

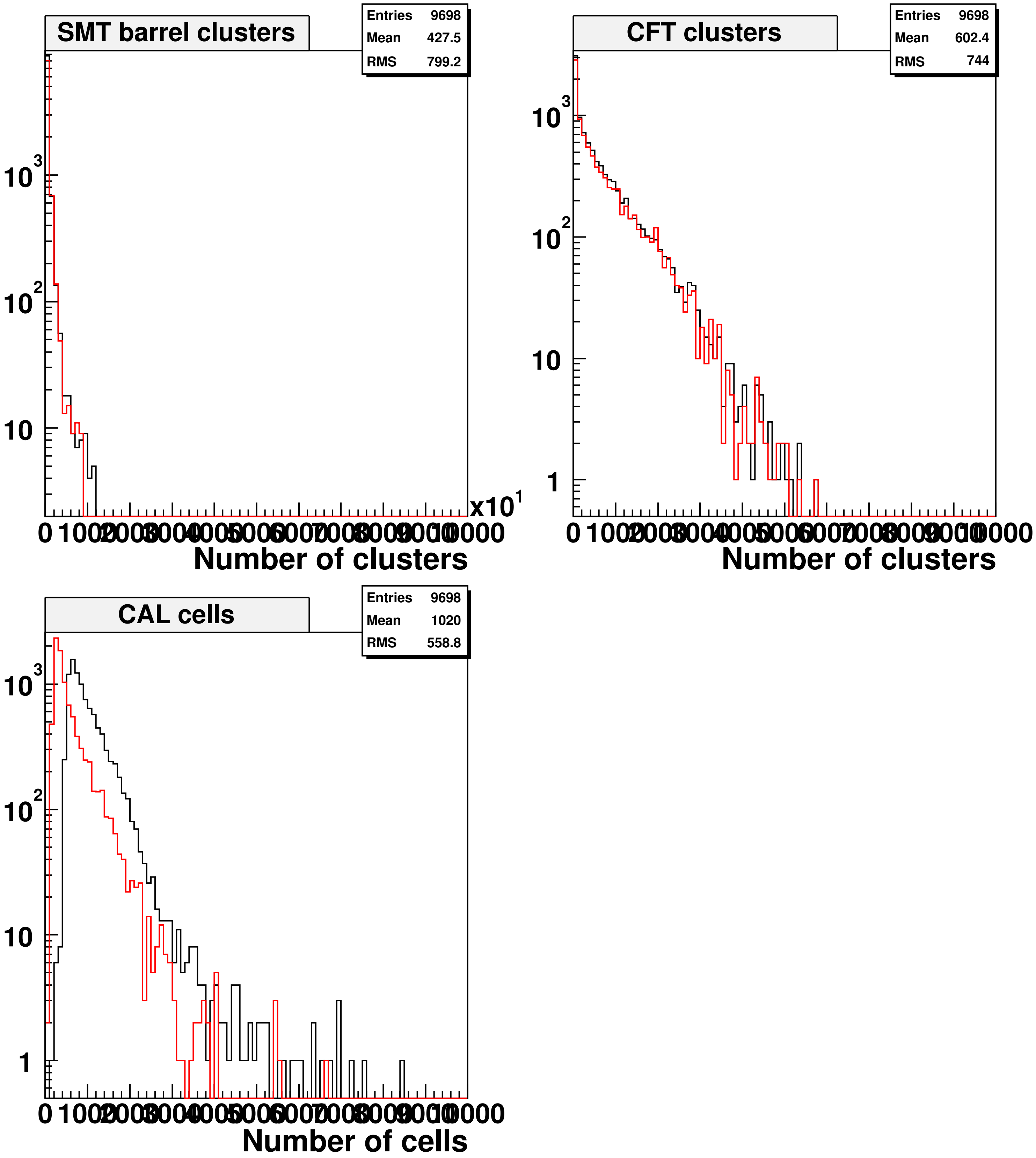
Met (No cuts)



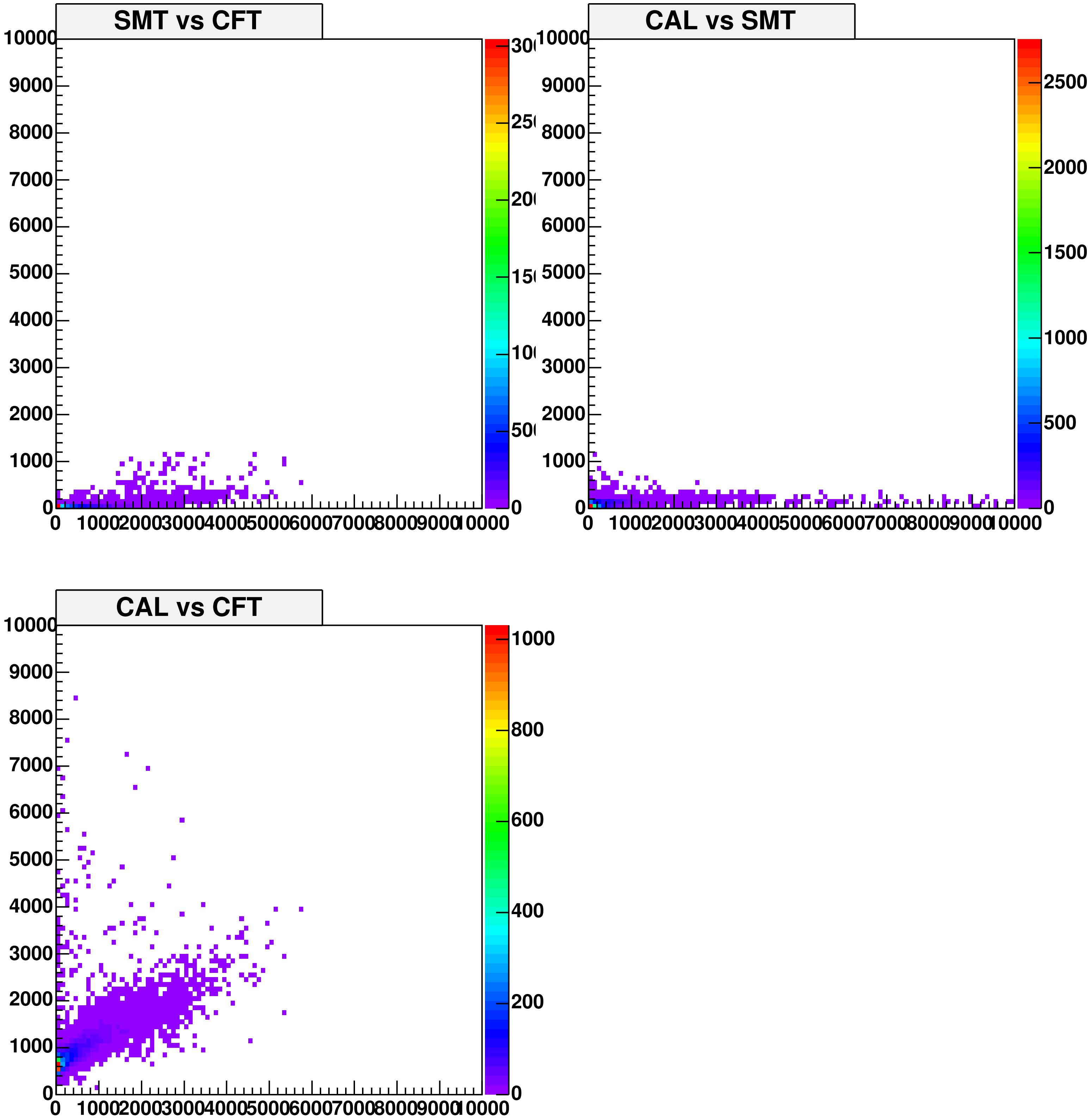
Jets (Cone R 0.7 (no cuts))



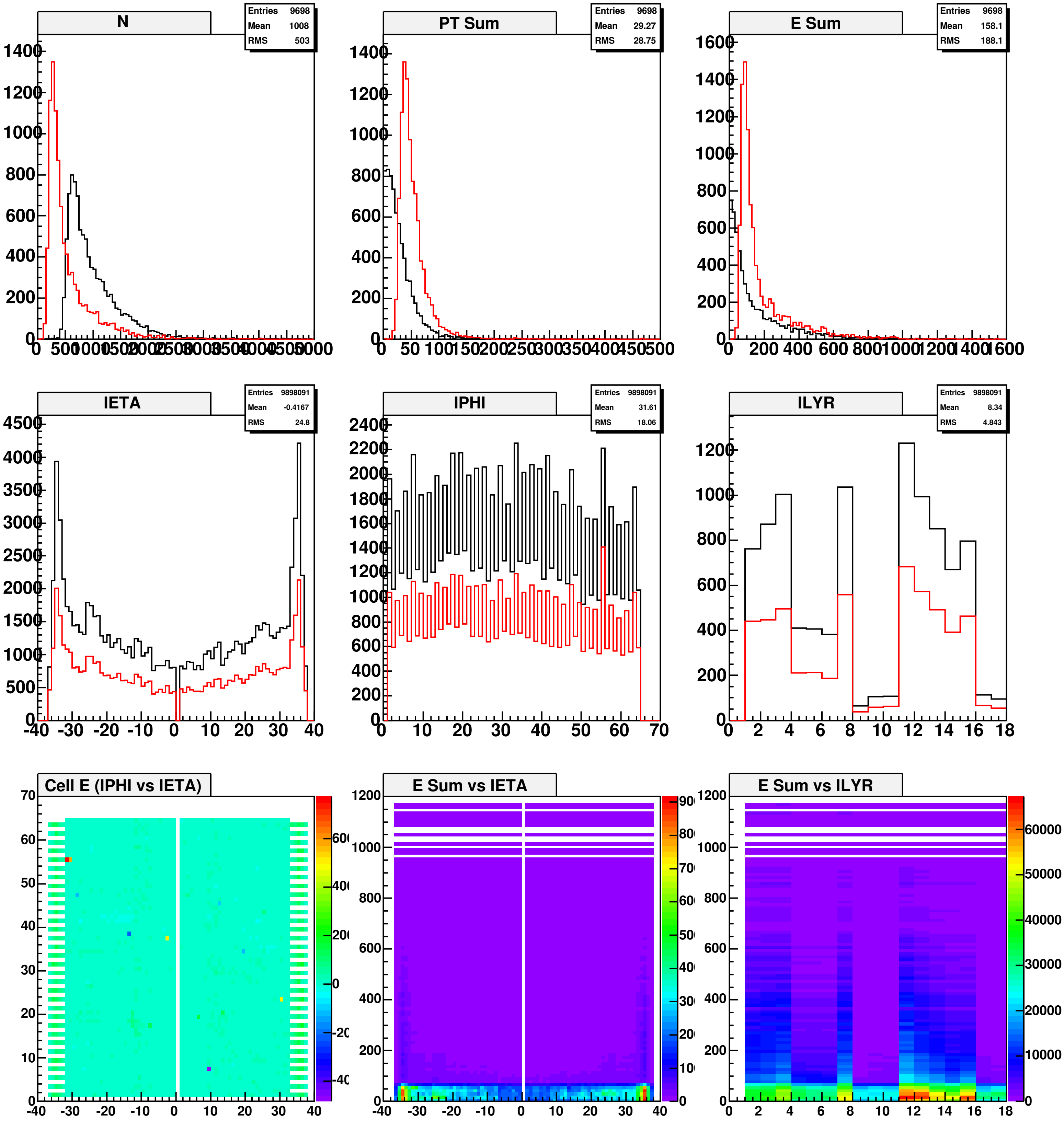
Jets (Cone R 0.7 (standard cuts))



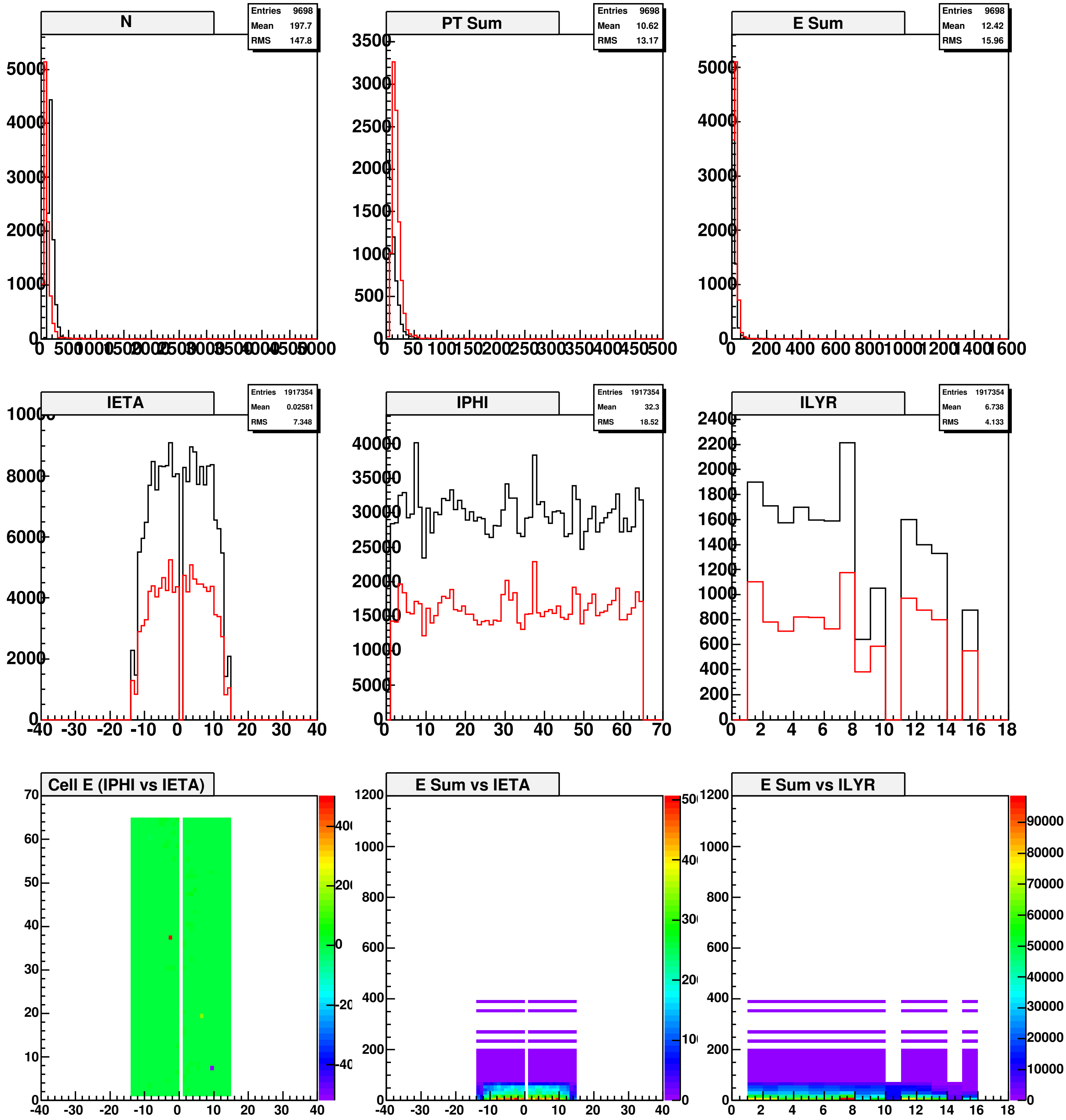
Detector Occupancy (Detector)



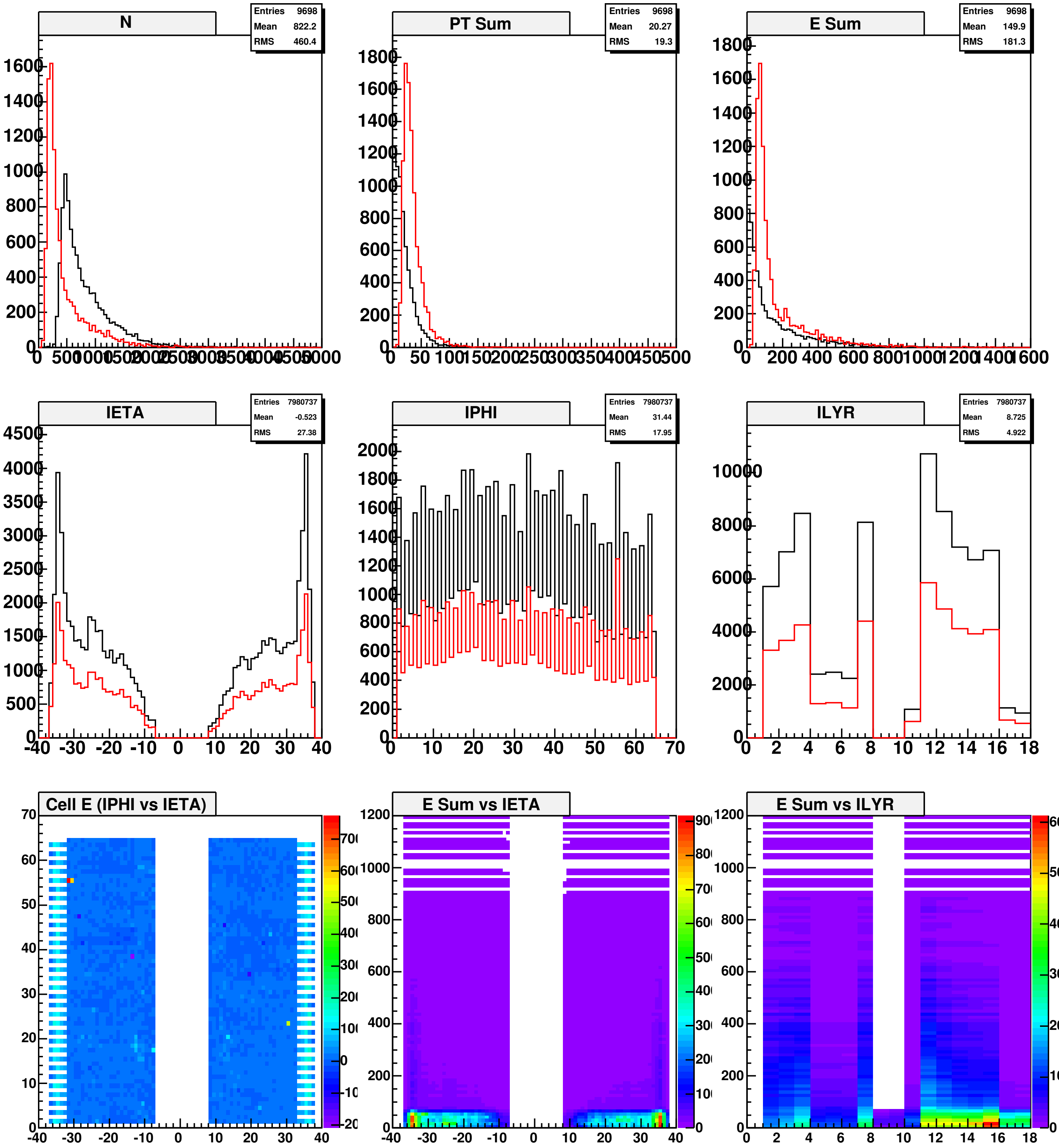
Detector Occupancy (Detector)



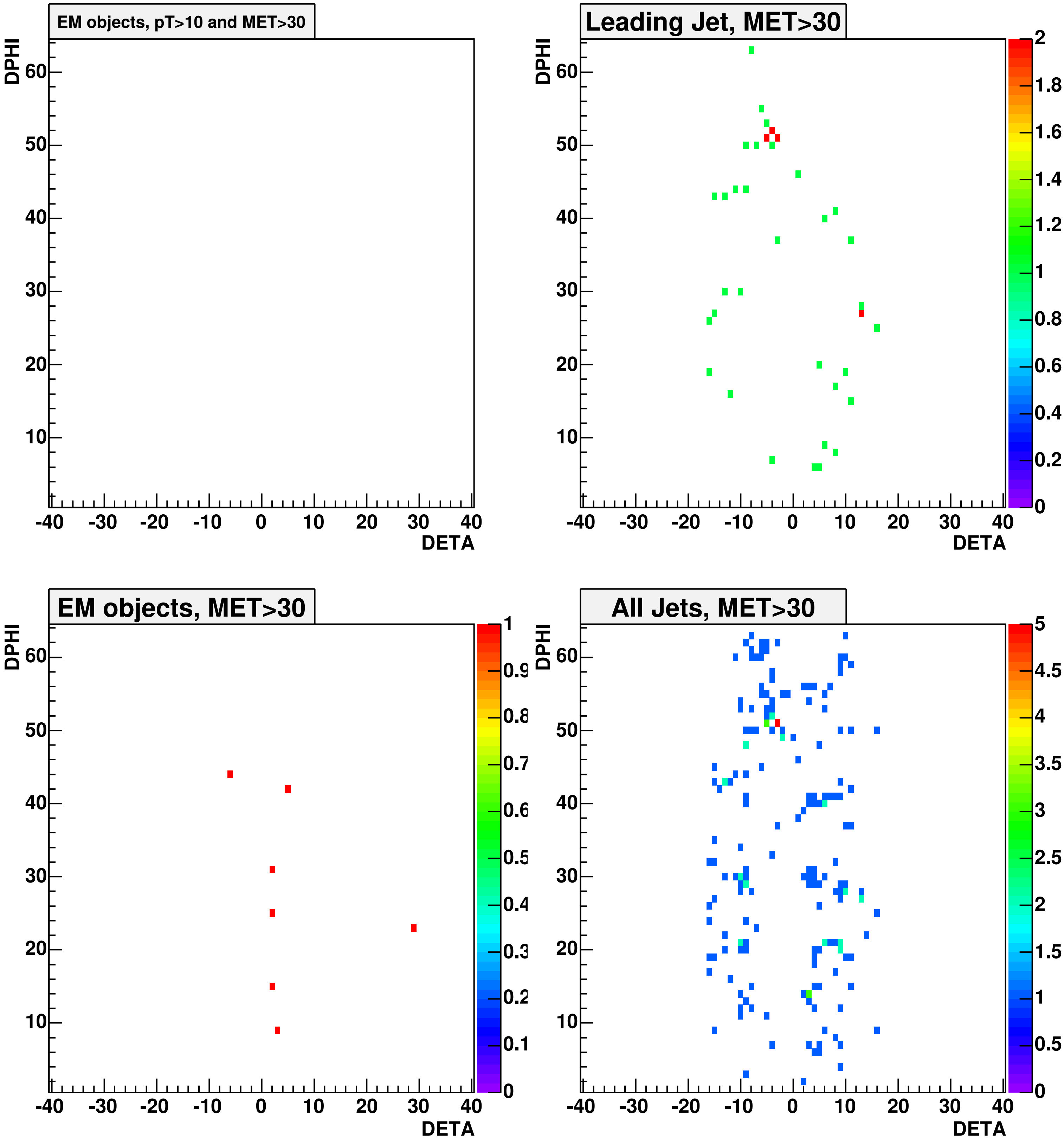
Calorimeter (All cells)



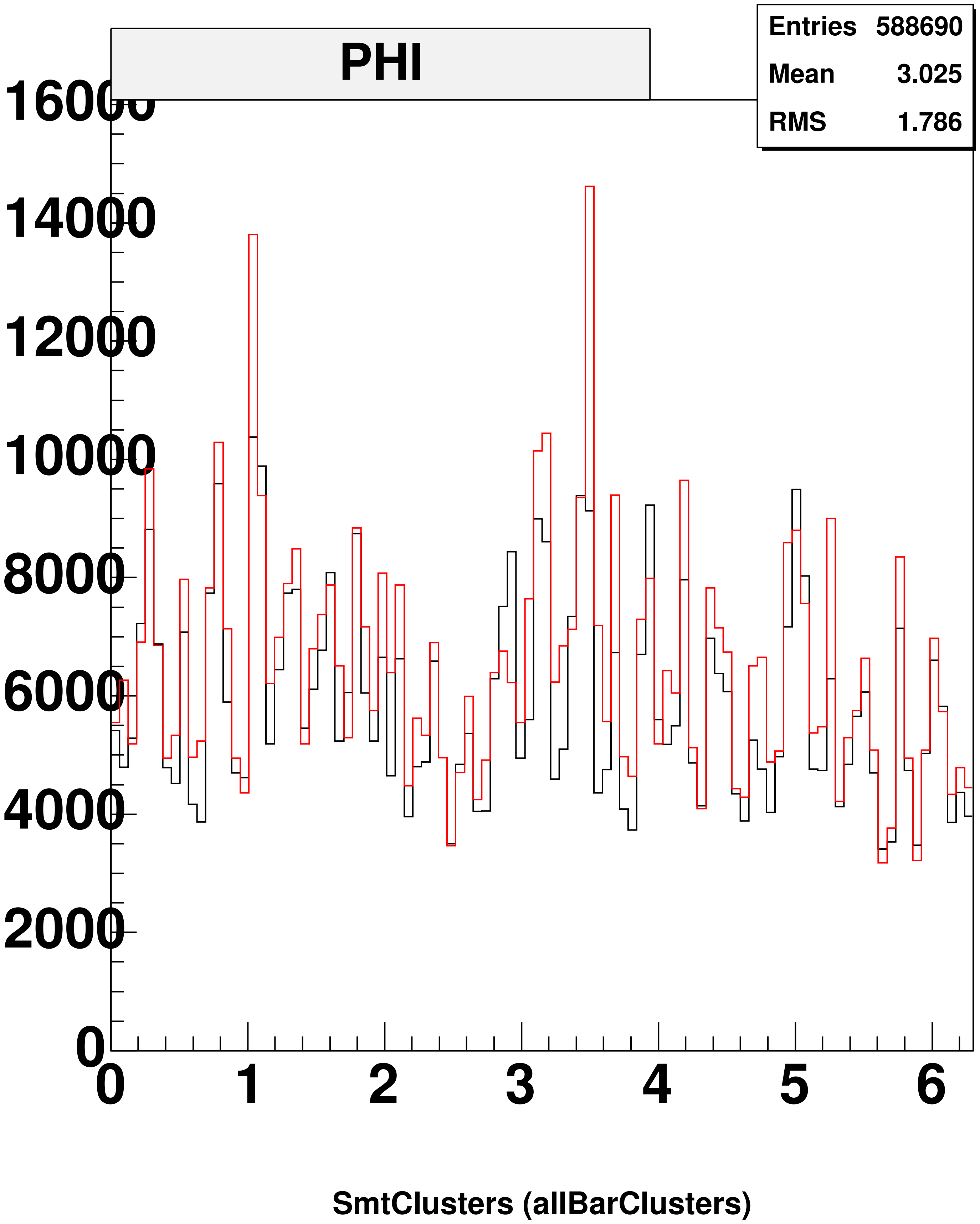
Calorimeter (All CC cells)



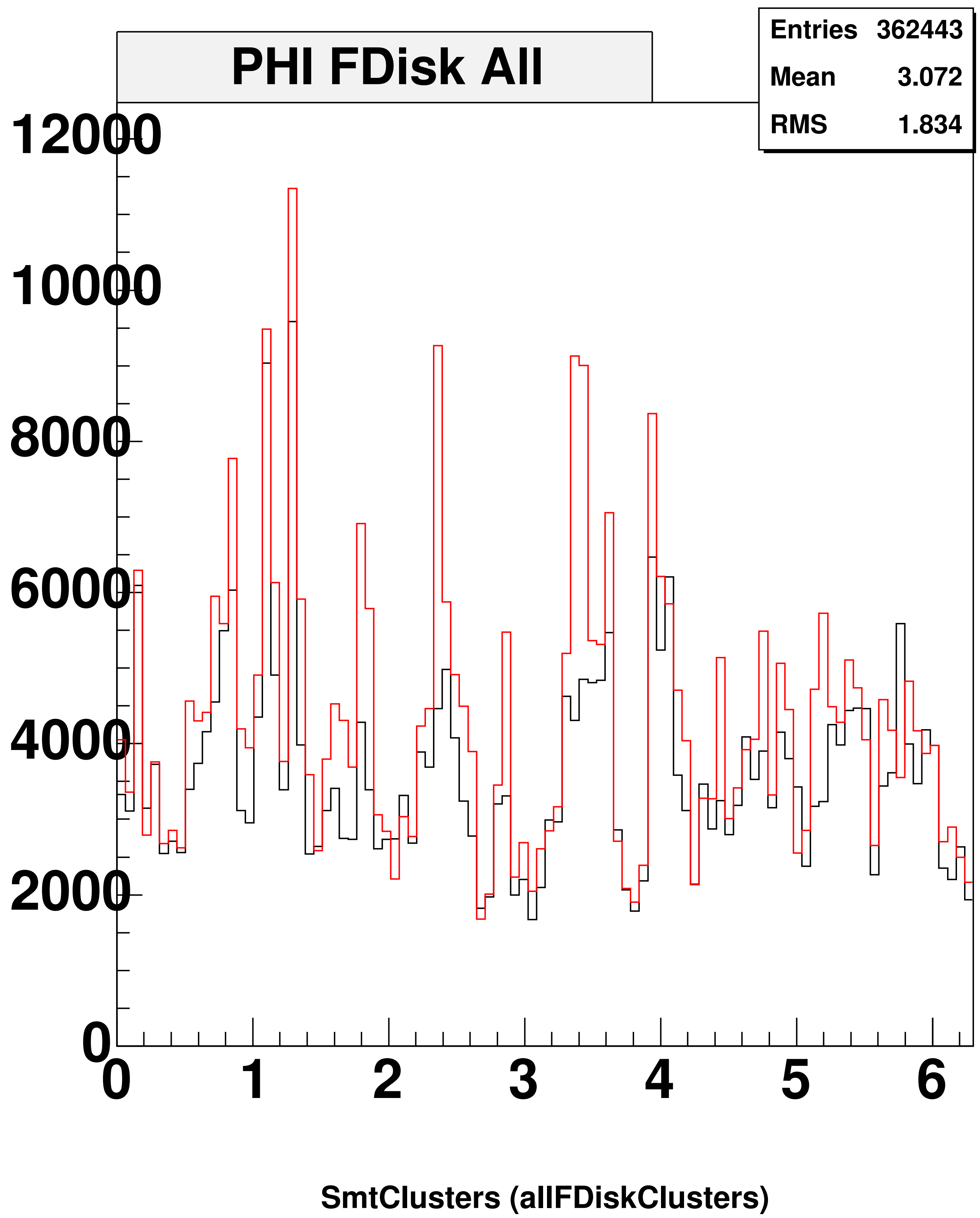
Calorimeter (All EC cells)

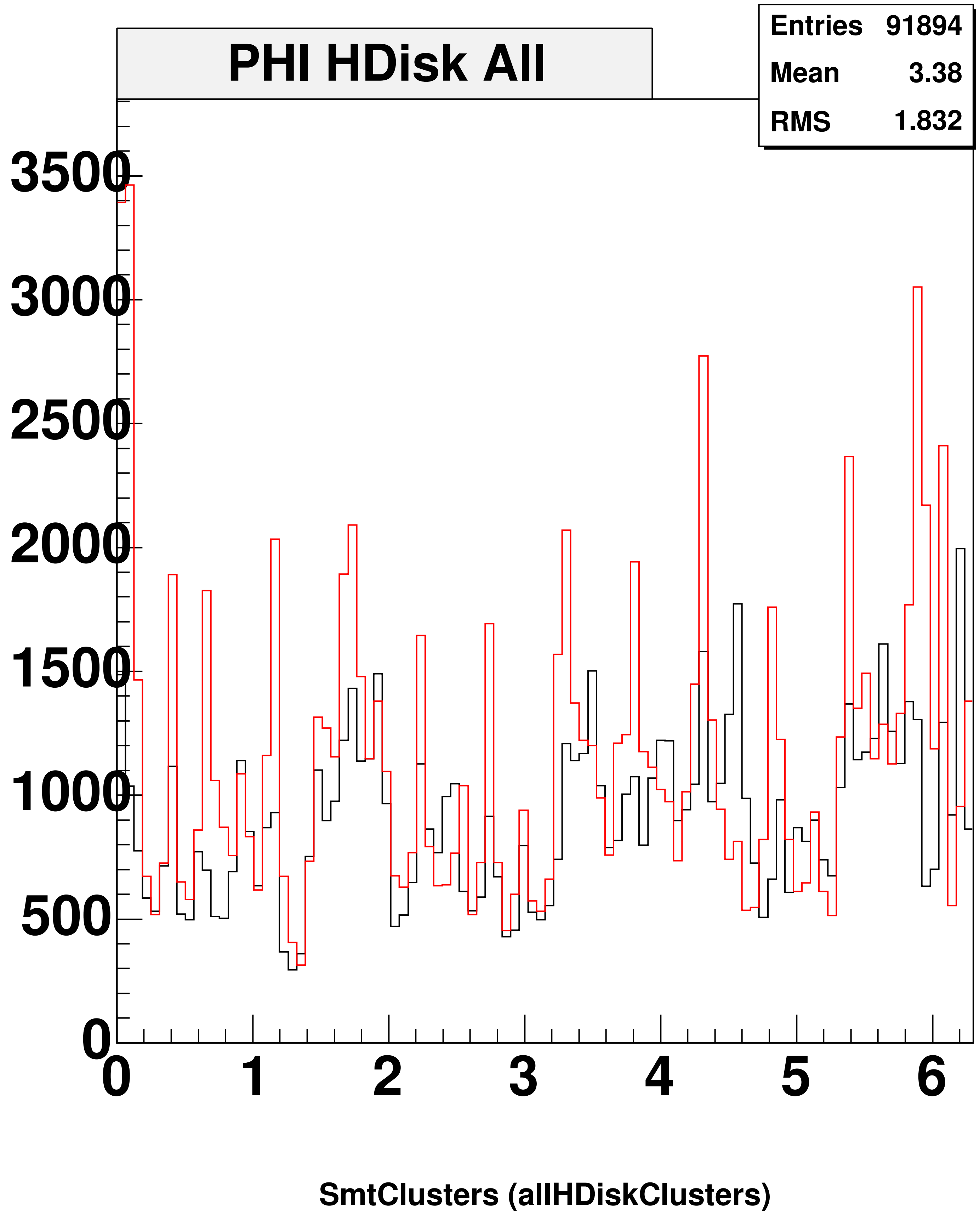


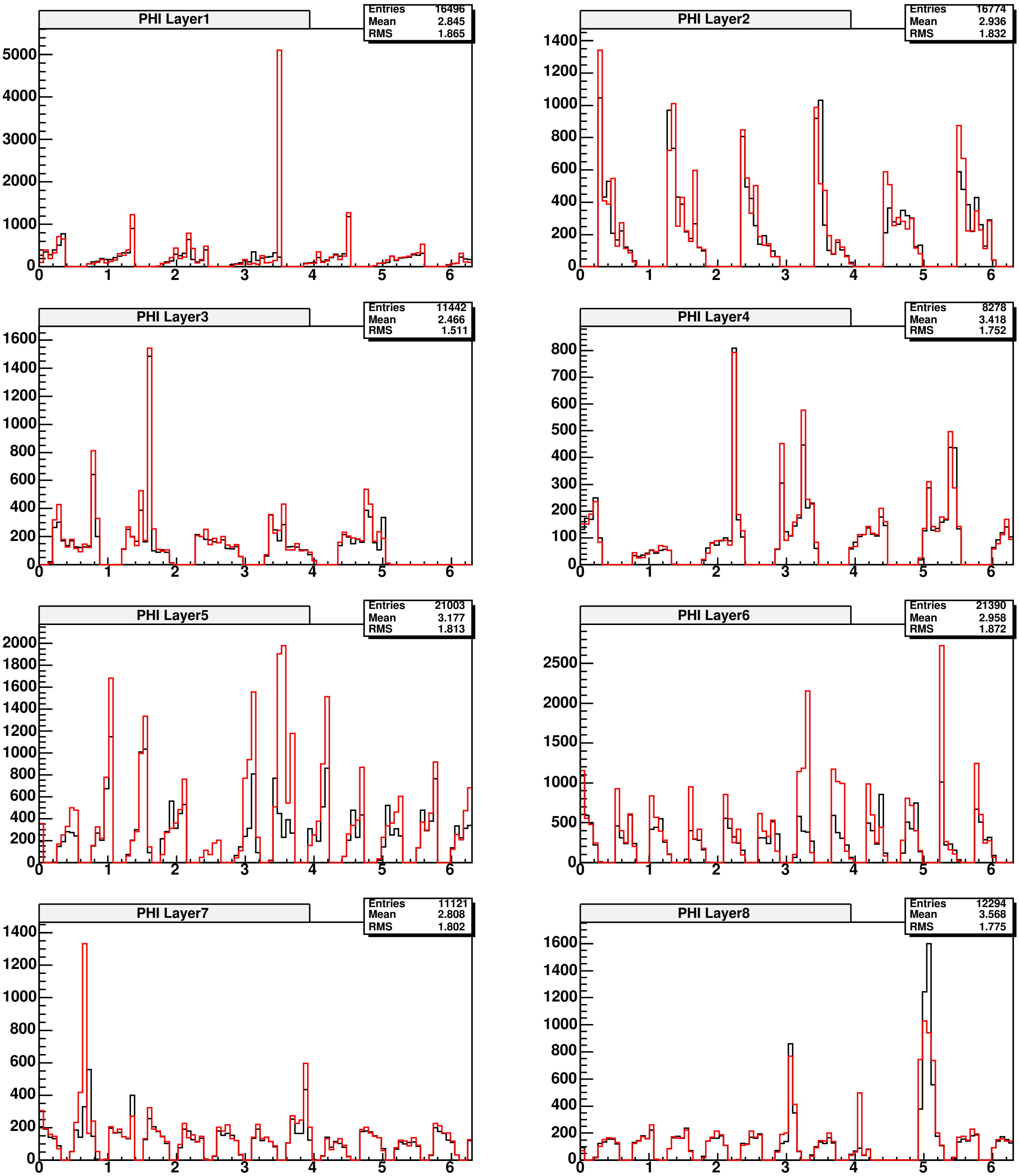
Calorimeter (All cells)



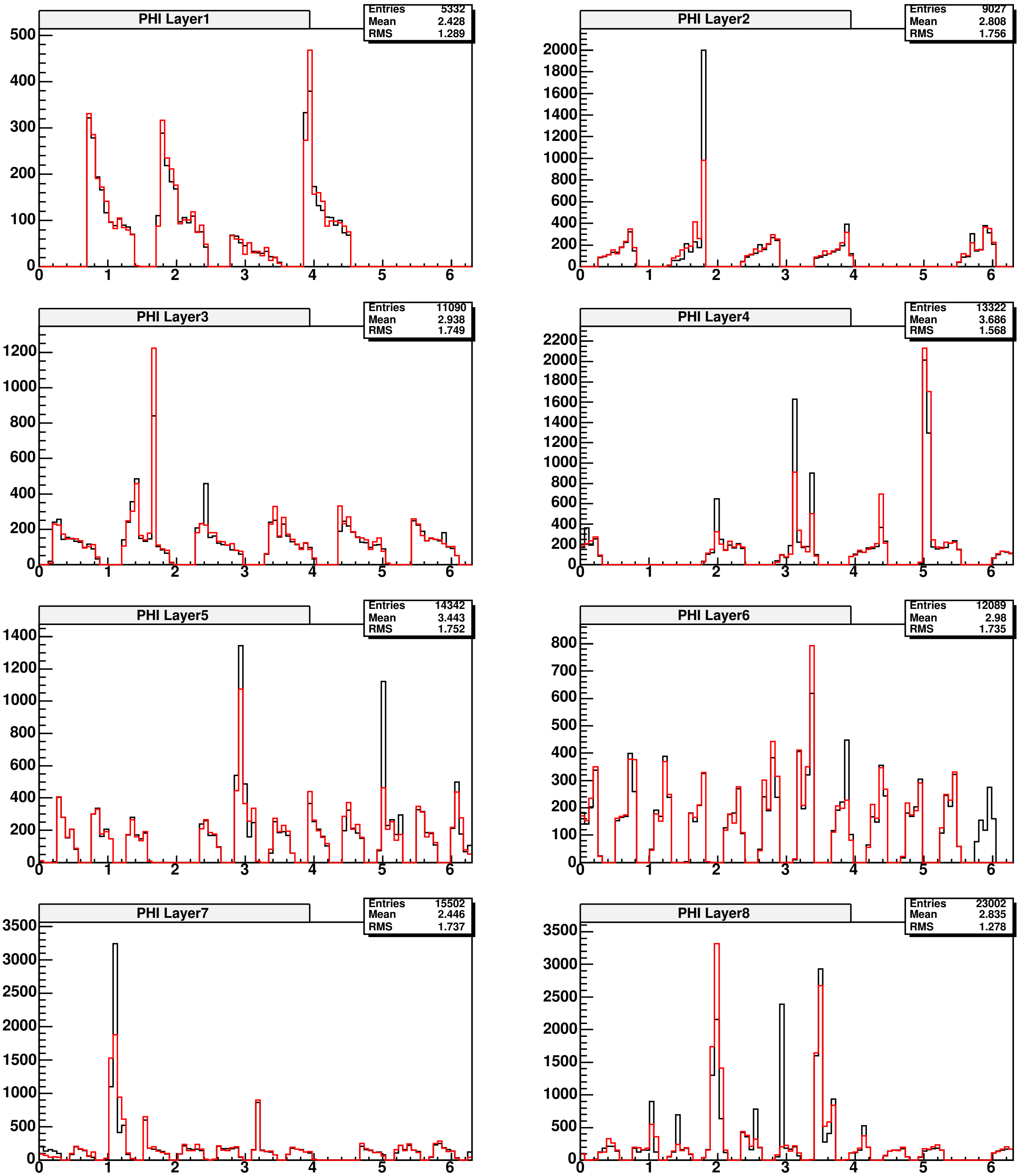
PHI
Entries 588690
Mean 3.025
RMS 1.786
0
2000
4000
6000
8000
10000
12000
14000
16000
0
1
2
3
4
5
6
SmtClusters (allBarClusters)


PHI FDisk All
Entries 362443
Mean 3.072
RMS 1.834
12000
10000
8000
6000
4000
2000
0
0
1
2
3
4
5
6
SmtClusters (allFDiskClusters)

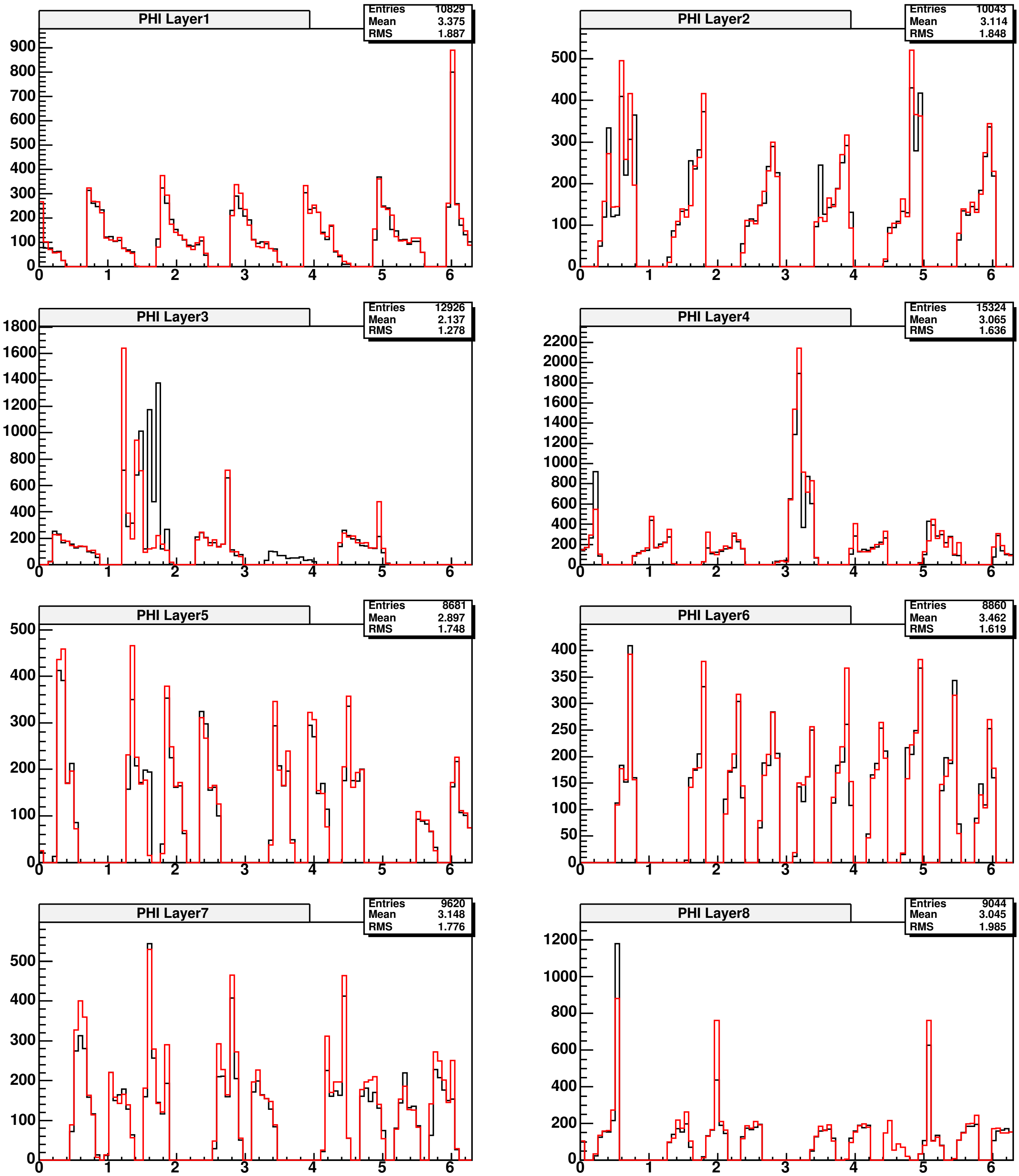

PHI HDisk All
Entries 91894
Mean 3.38
RMS 1.832
0
500
1000
1500
2000
2500
3000
3500
0
1
2
3
4
5
6
SmtClusters (allHDiskClusters)



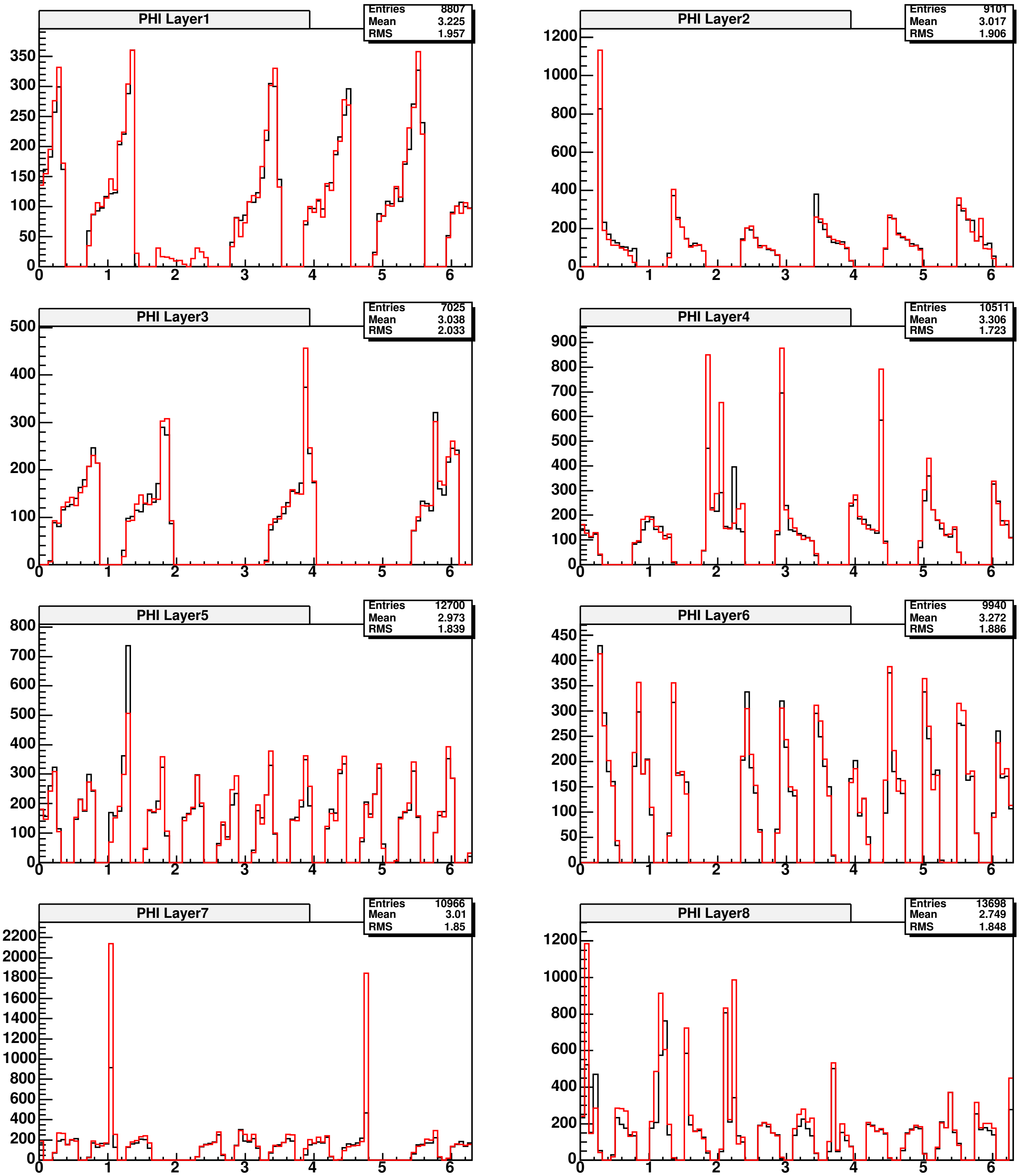
SmtClusters (ClustrBar1)



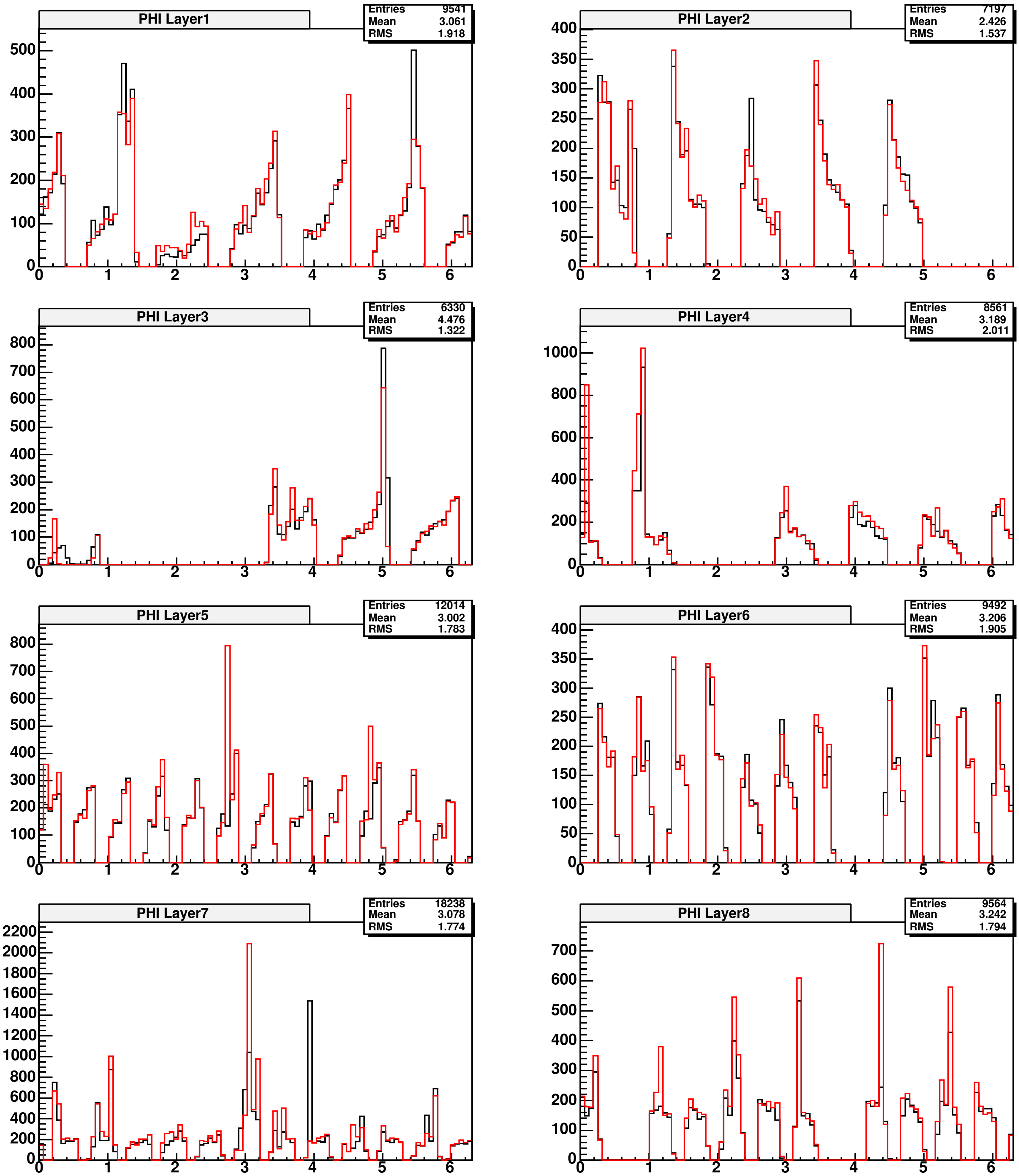
SmtClusters (ClustrBar2)



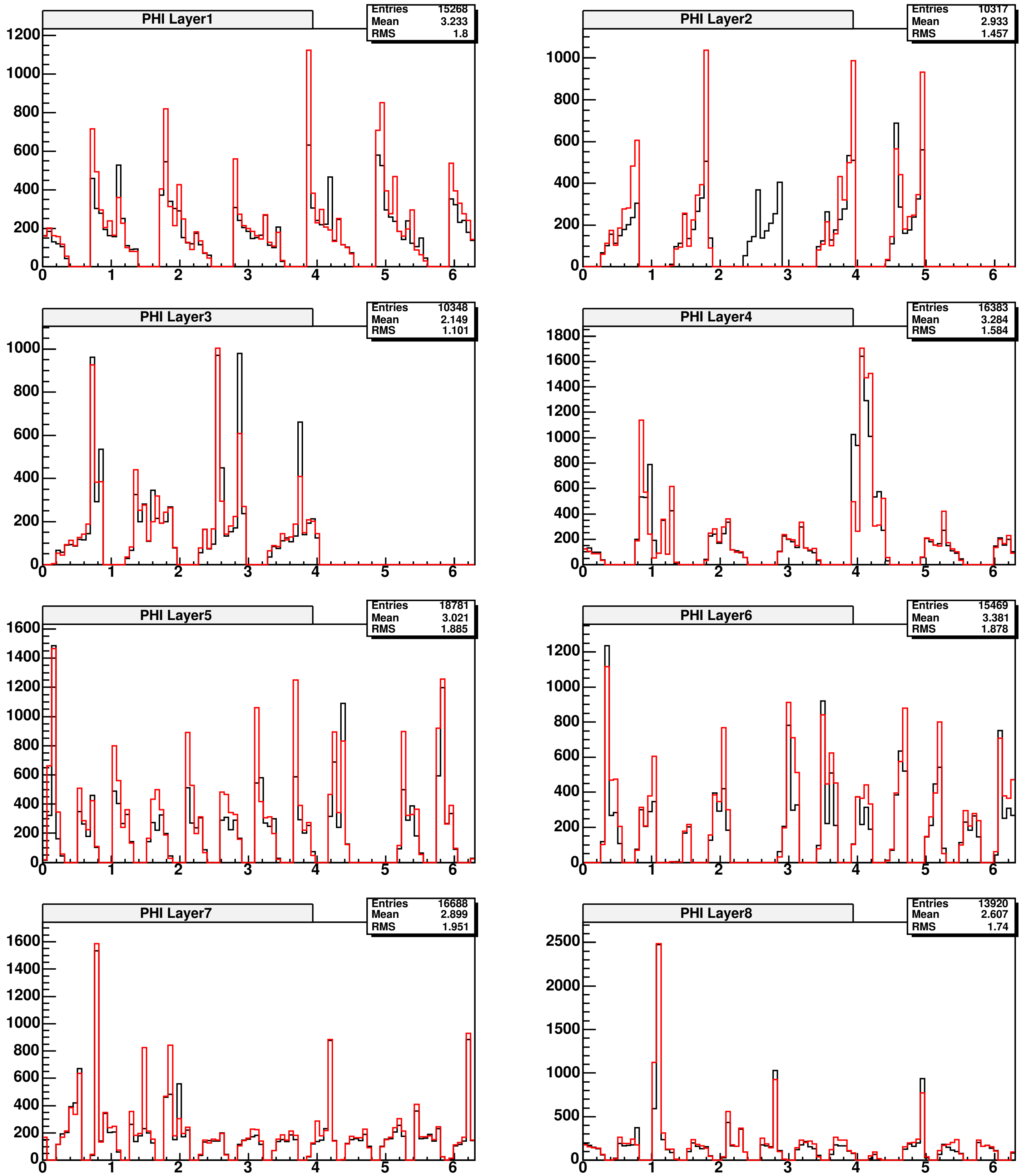
SmtClusters (ClustrBar3)



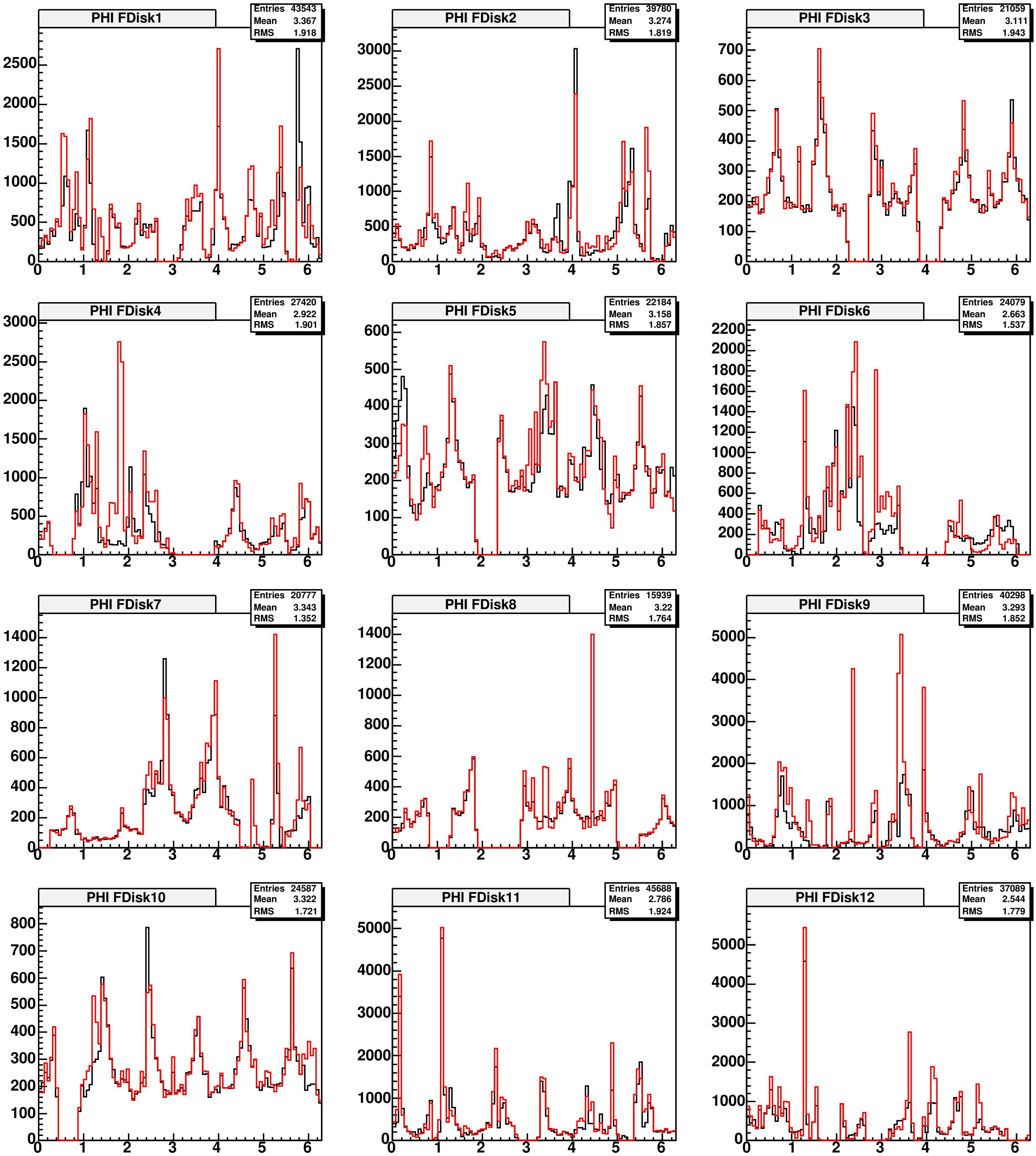
SmtClusters (ClustrBar4)



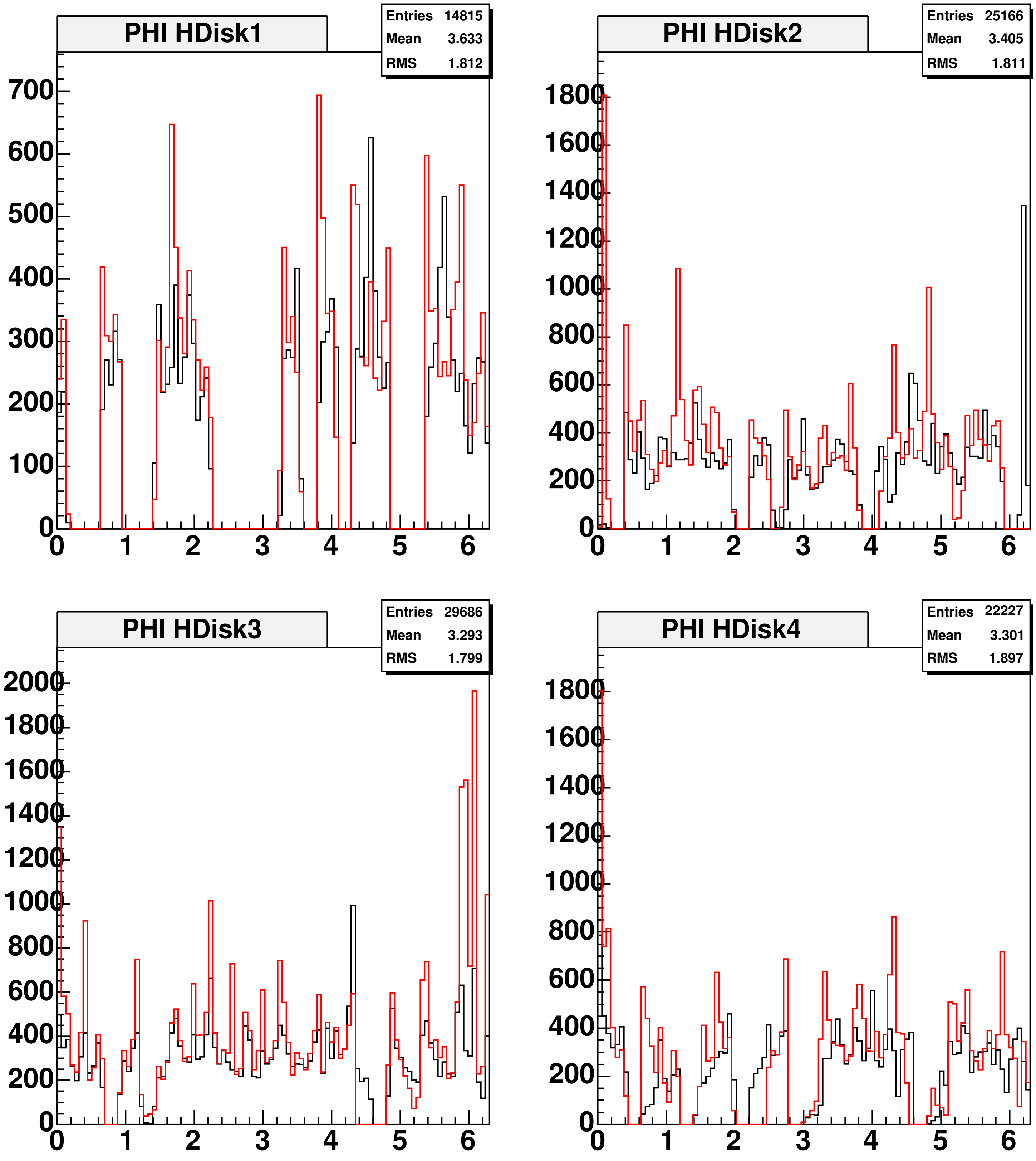
SmtClusters (ClustrBar5)



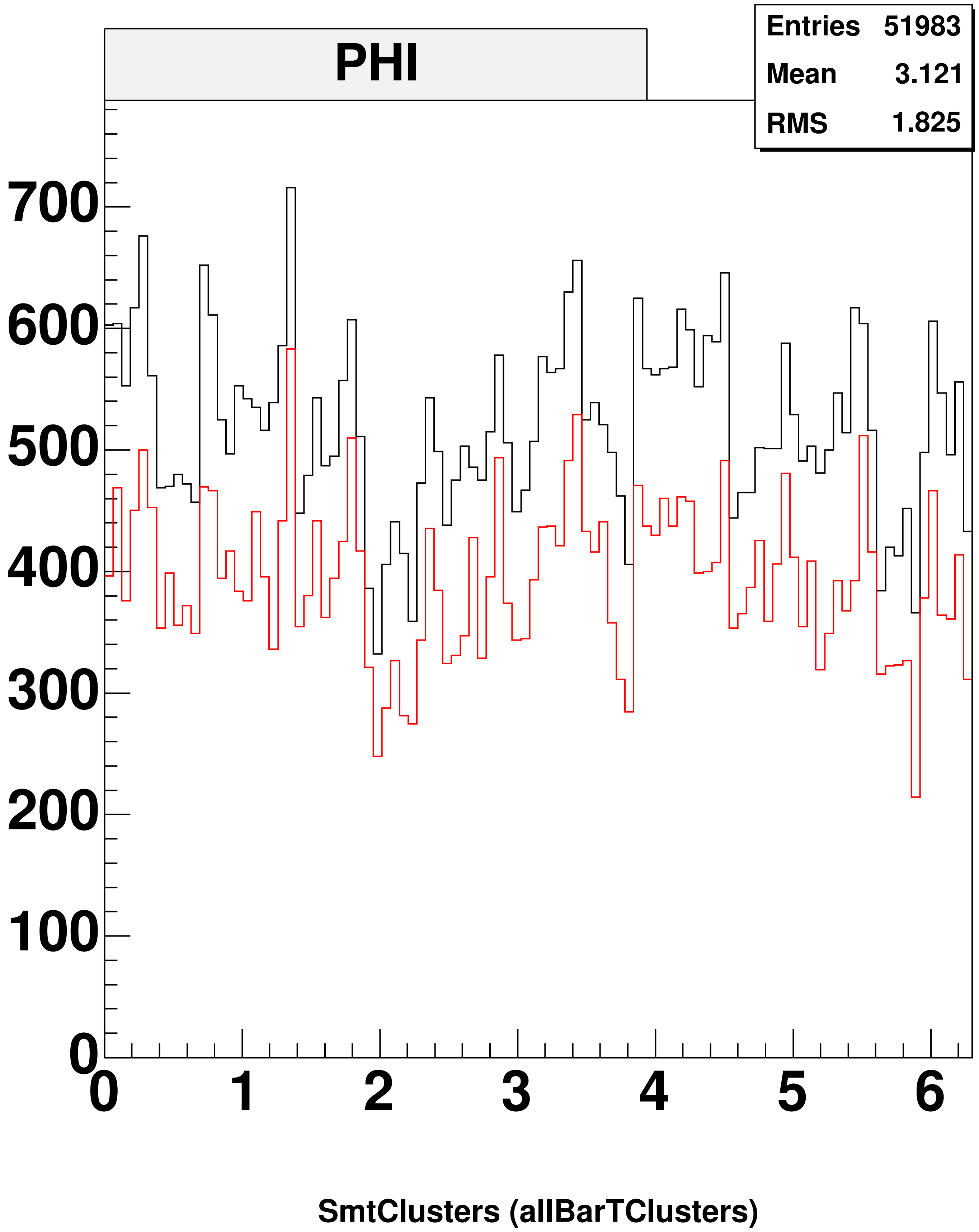
SmtClusters (ClustrBar6)



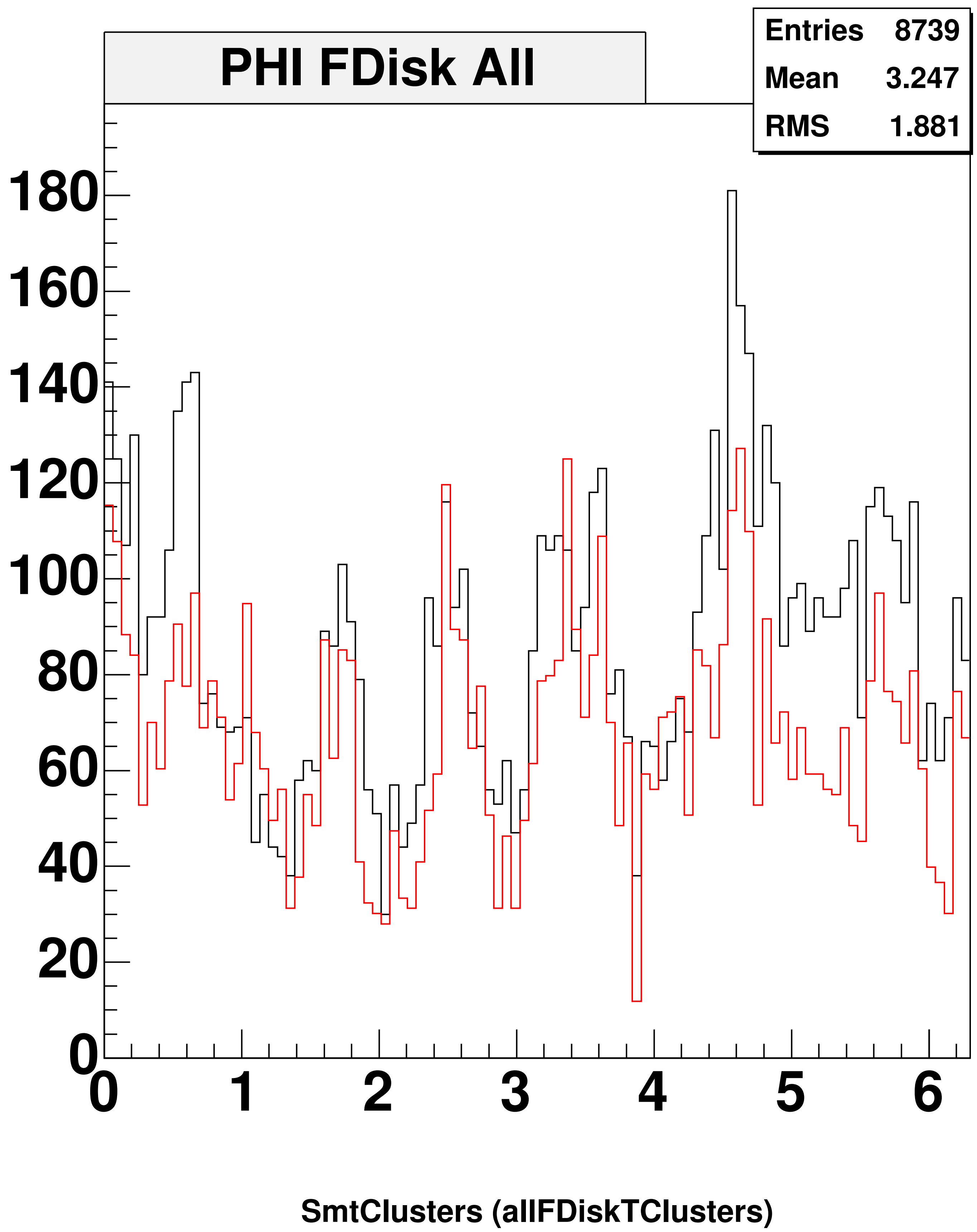
SmtClusters (FDiskClusters)

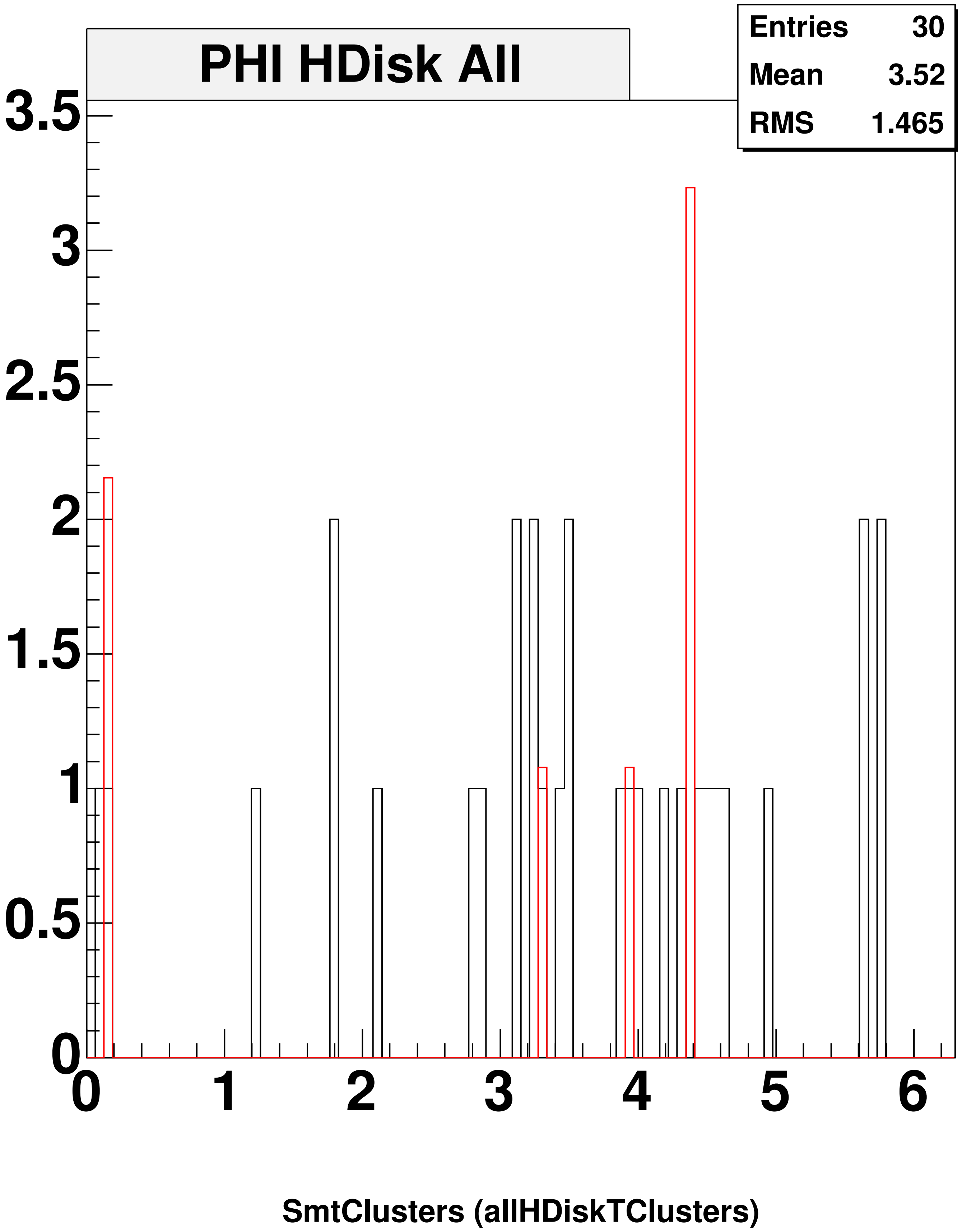


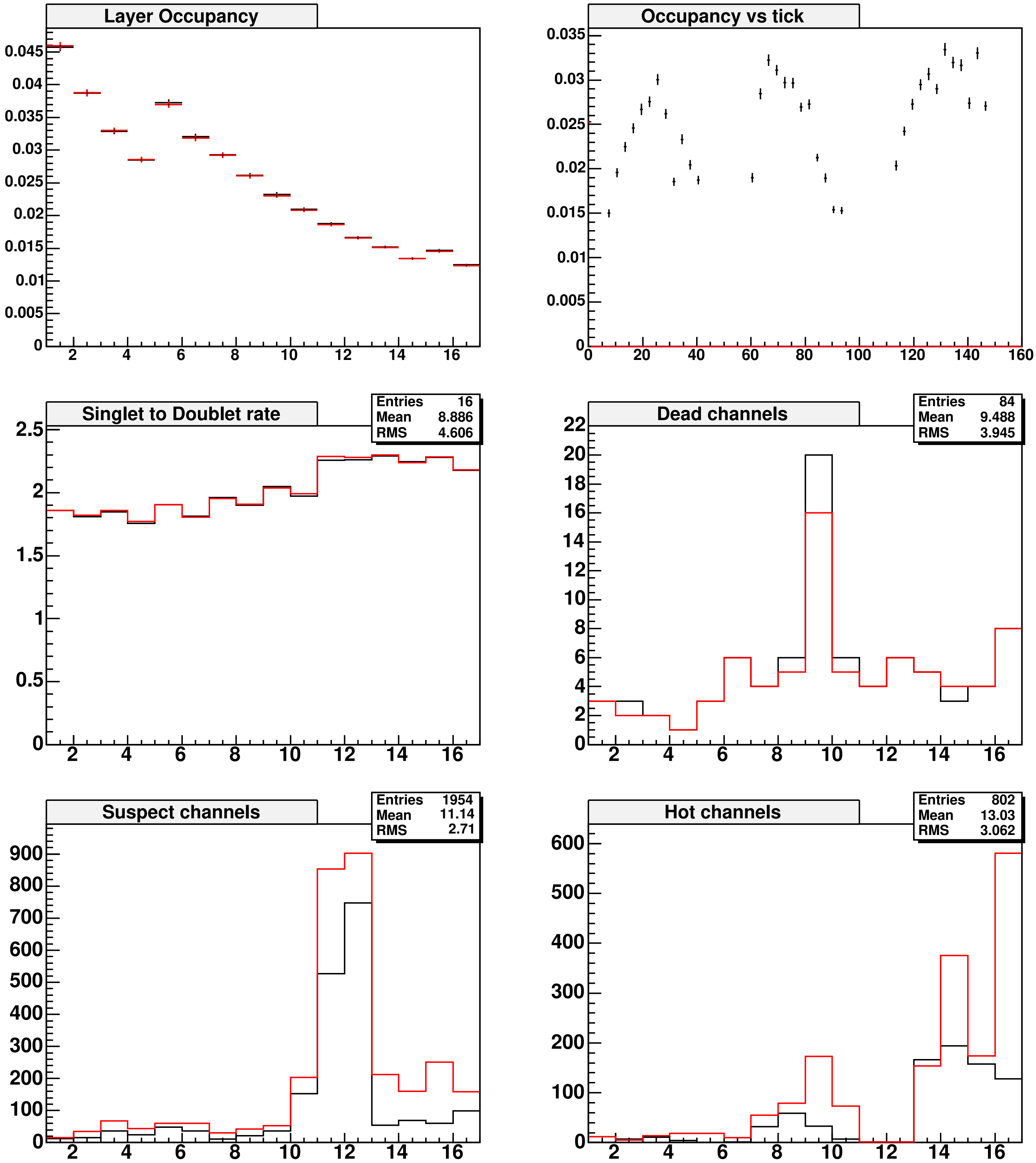
SmtClusters (HDiskClusters)



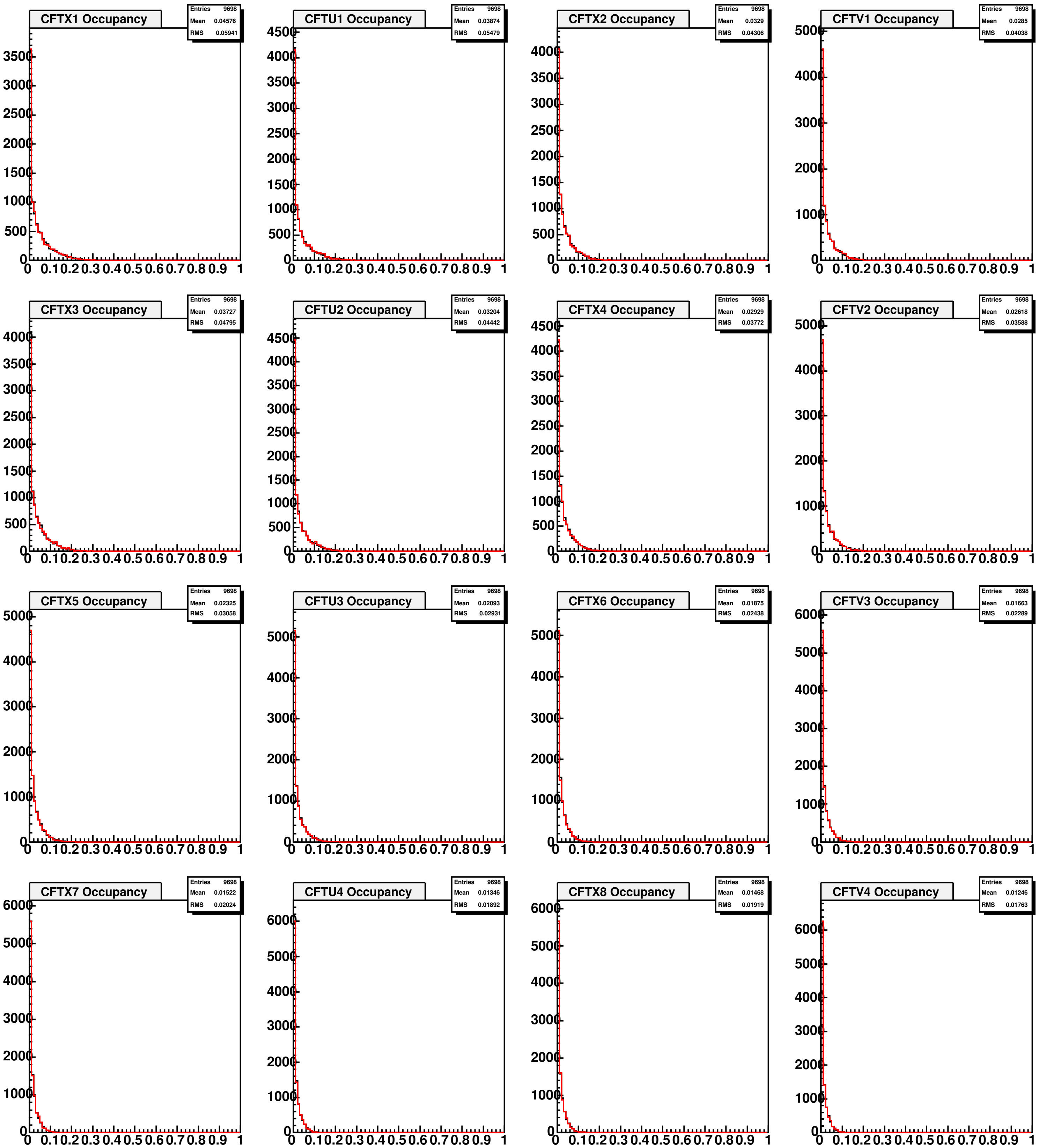
PHI
Entries 51983
Mean 3.121
RMS 1.825
700
600
500
400
300
200
100
0
0
1
2
3
4
5
6
SmtClusters (allBarTClusters)


PHI FDisk All
Entries 8739
Mean 3.247
RMS 1.881
0
20
40
60
80
100
120
140
160
180
0
1
2
3
4
5
6
SmtClusters (allFDiskTClusters)

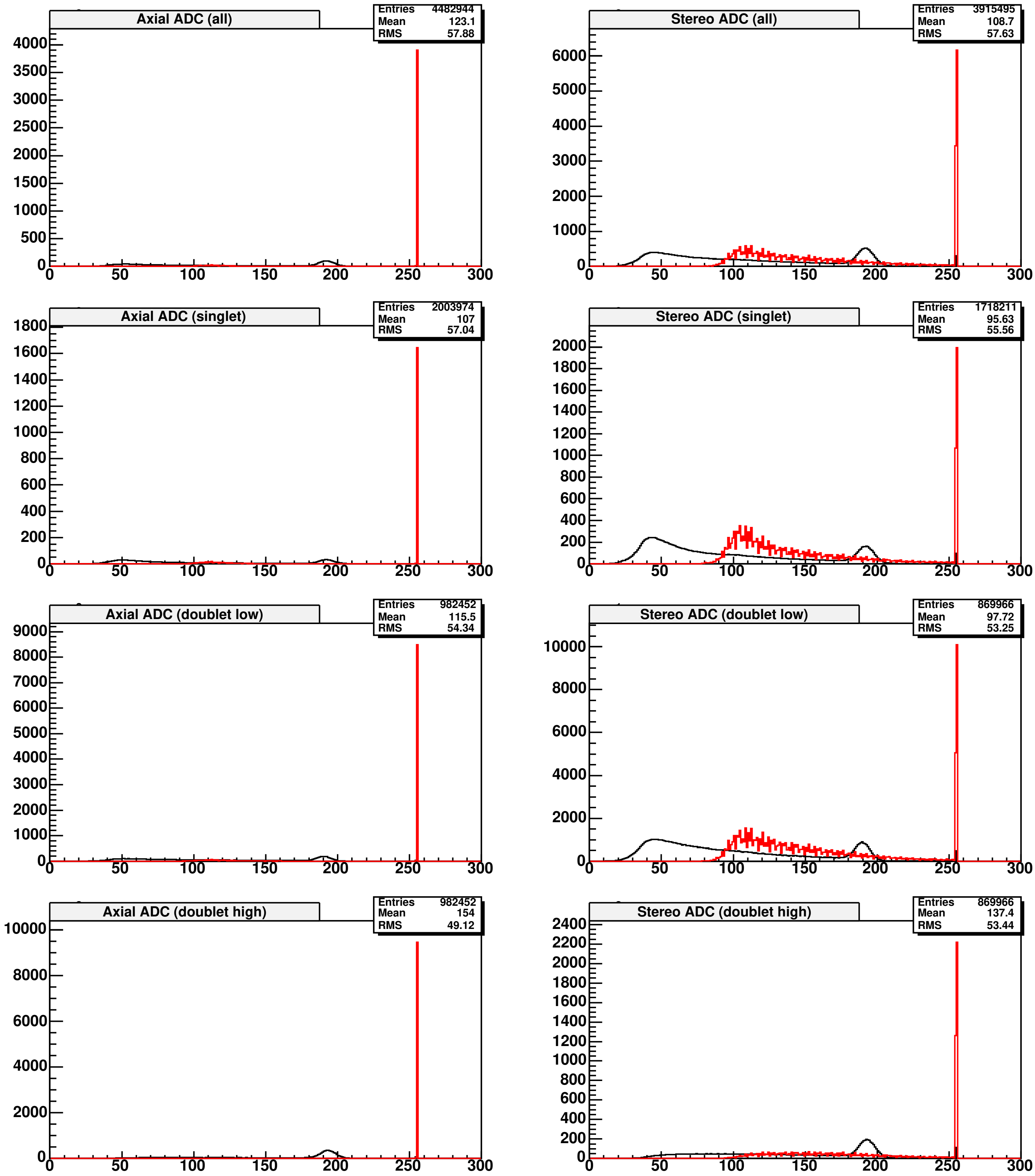

PHI HDisk All
Entries 30
Mean 3.52
RMS 1.465
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
SmtClusters (allHDiskTClusters)



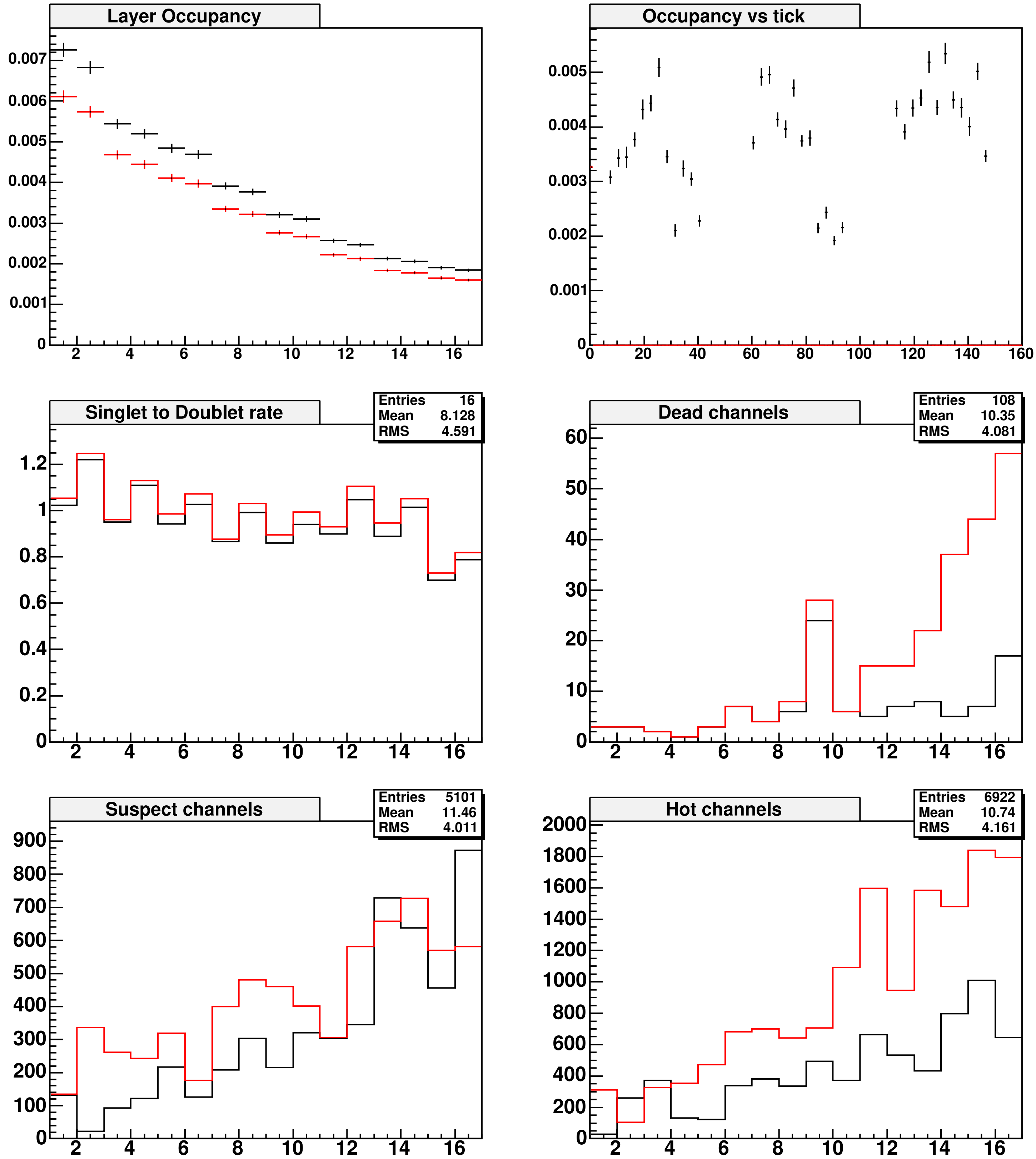
CFT Summary (All Clusters)



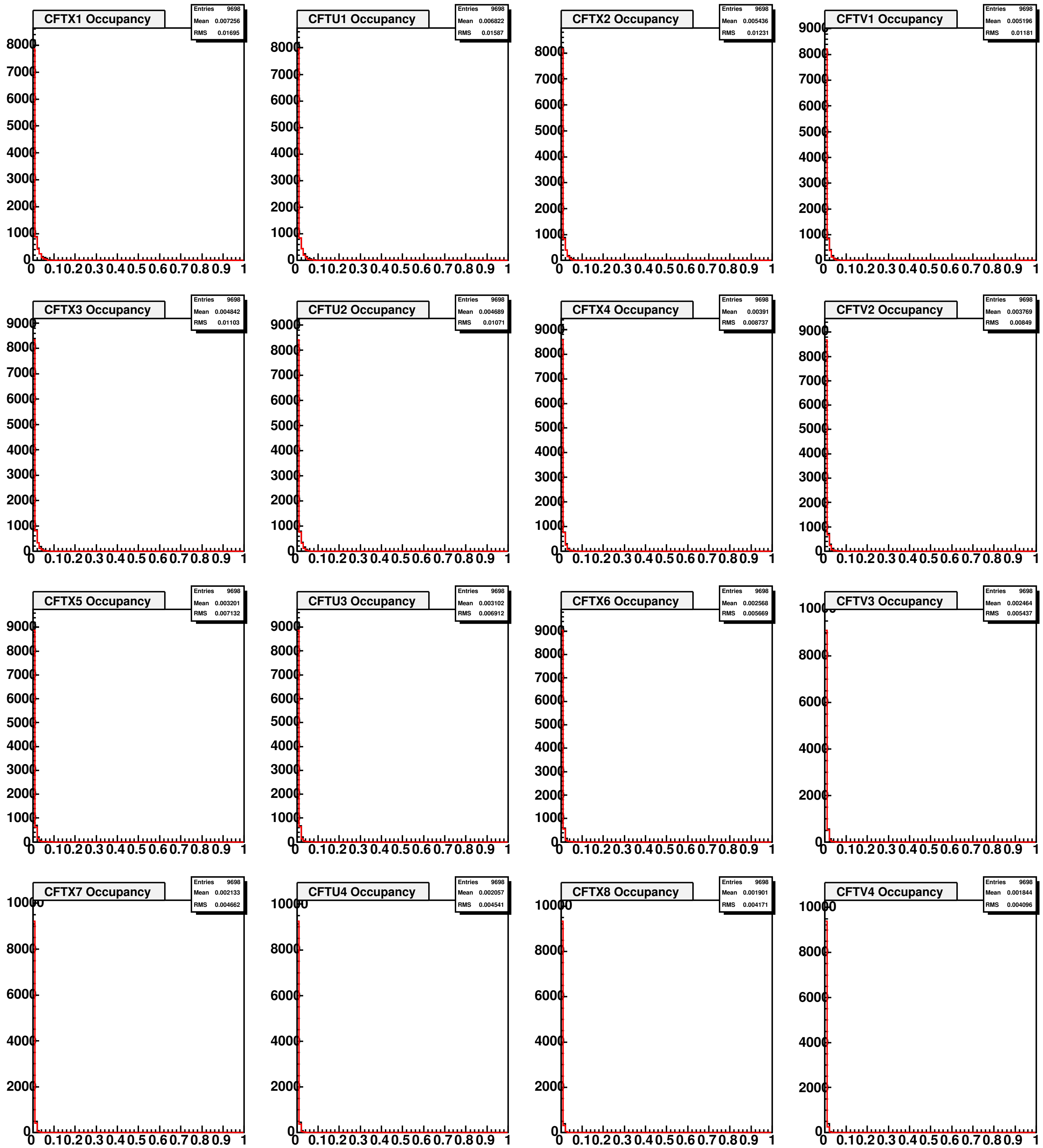
Cft Occupancy (All Clusters)



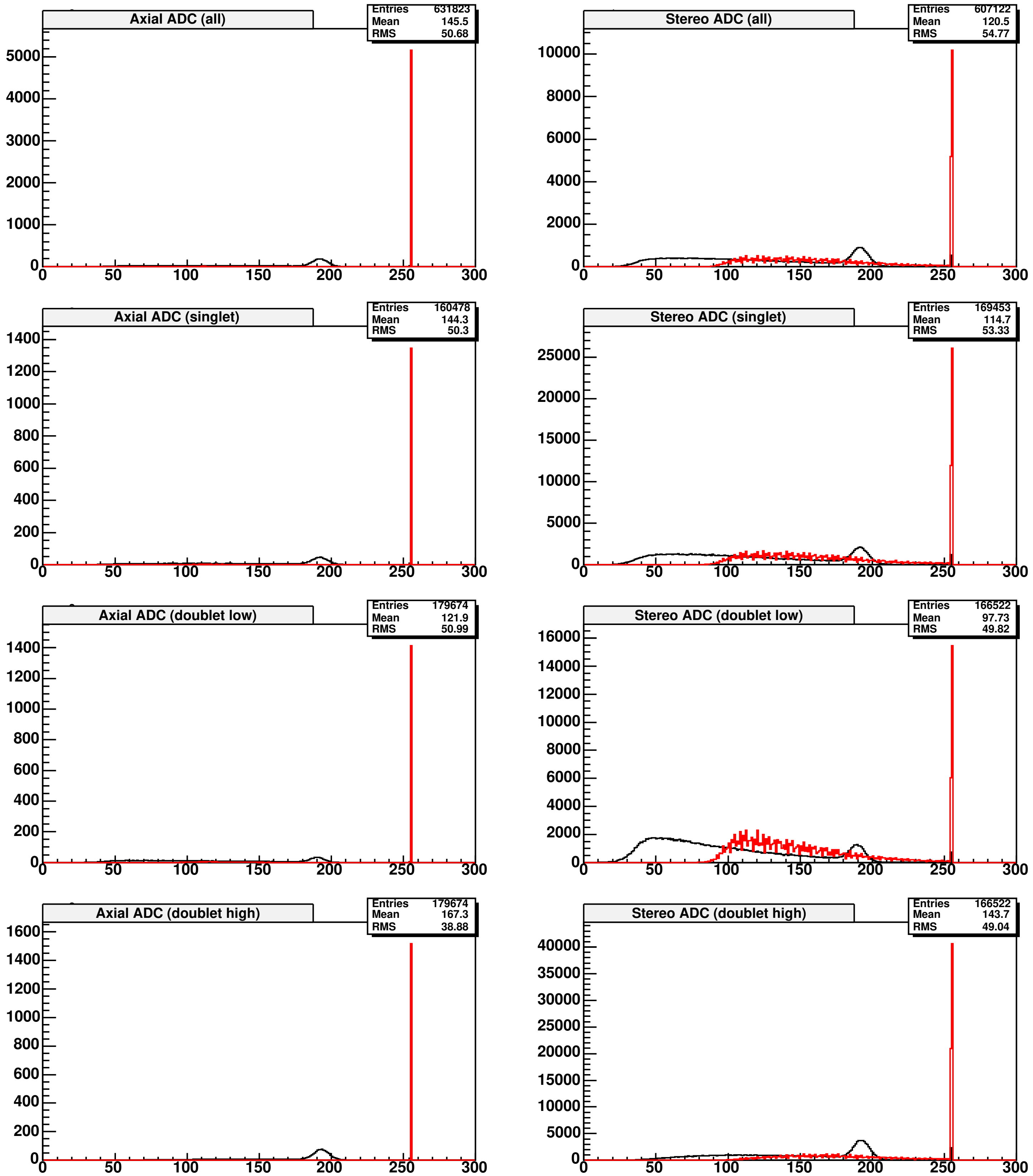
CFT ADC Summary (All Clusters)



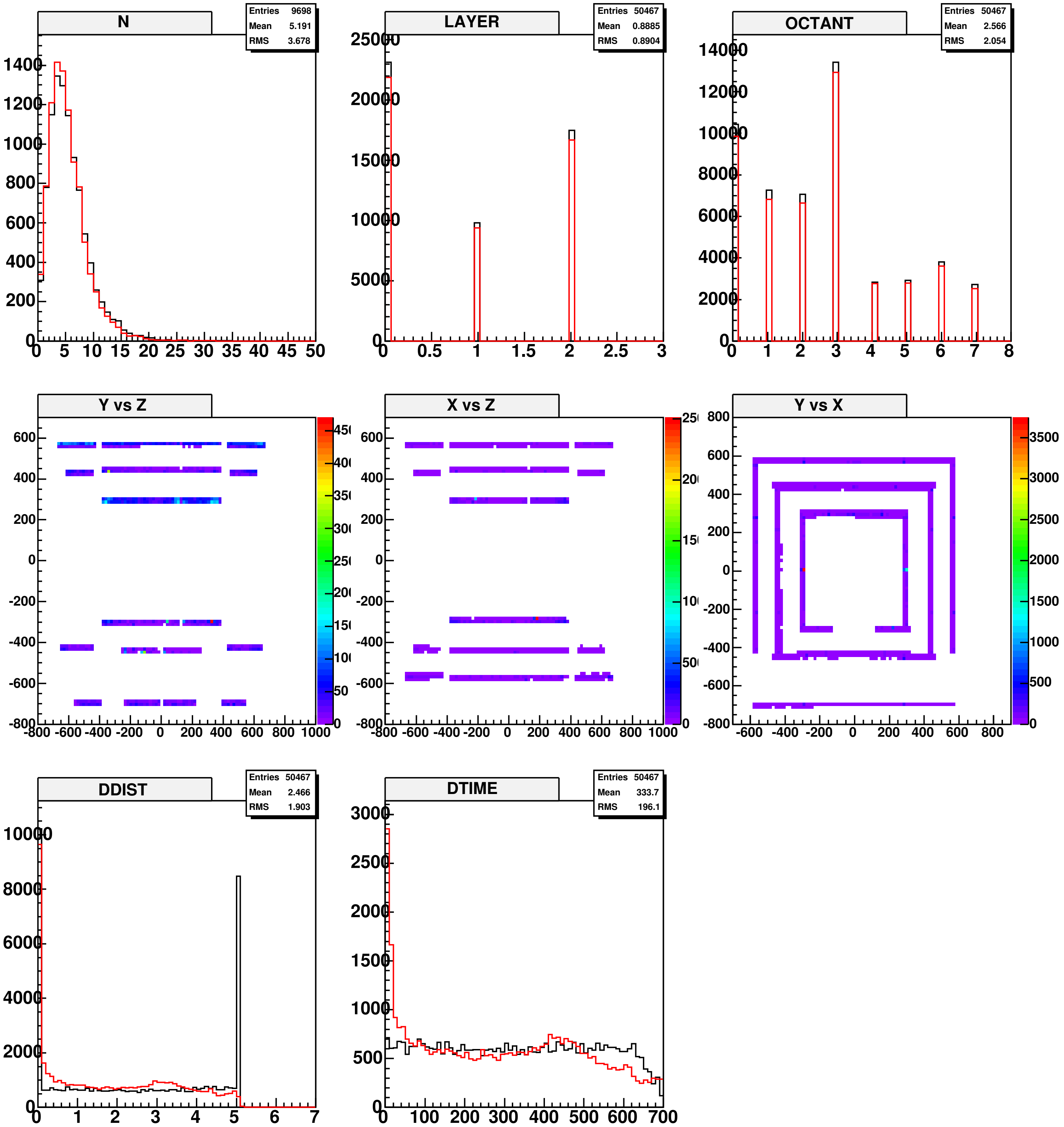
CFT Summary (Clusters on tracks)



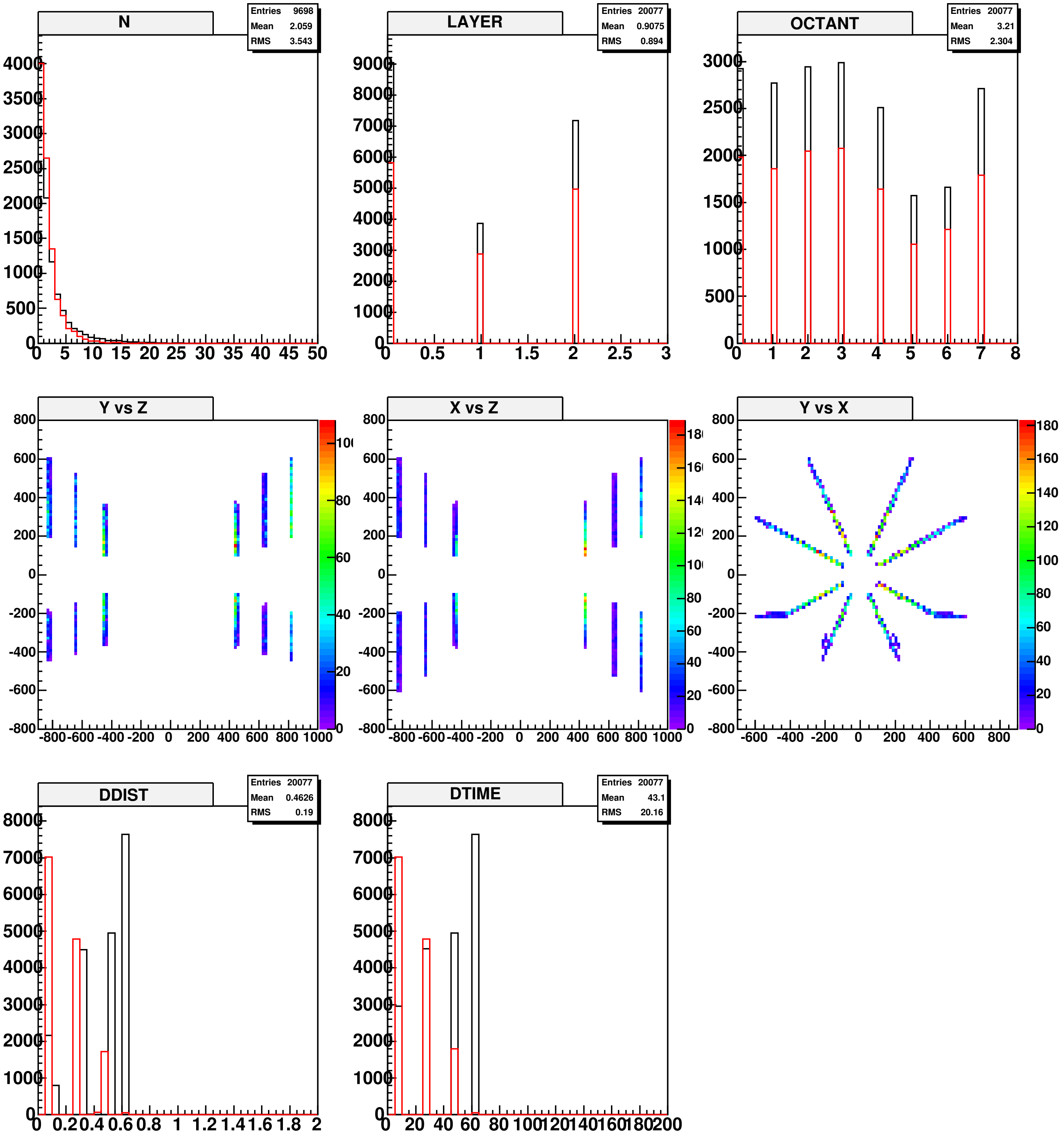
Cft Occupancy (Clusters on tracks)



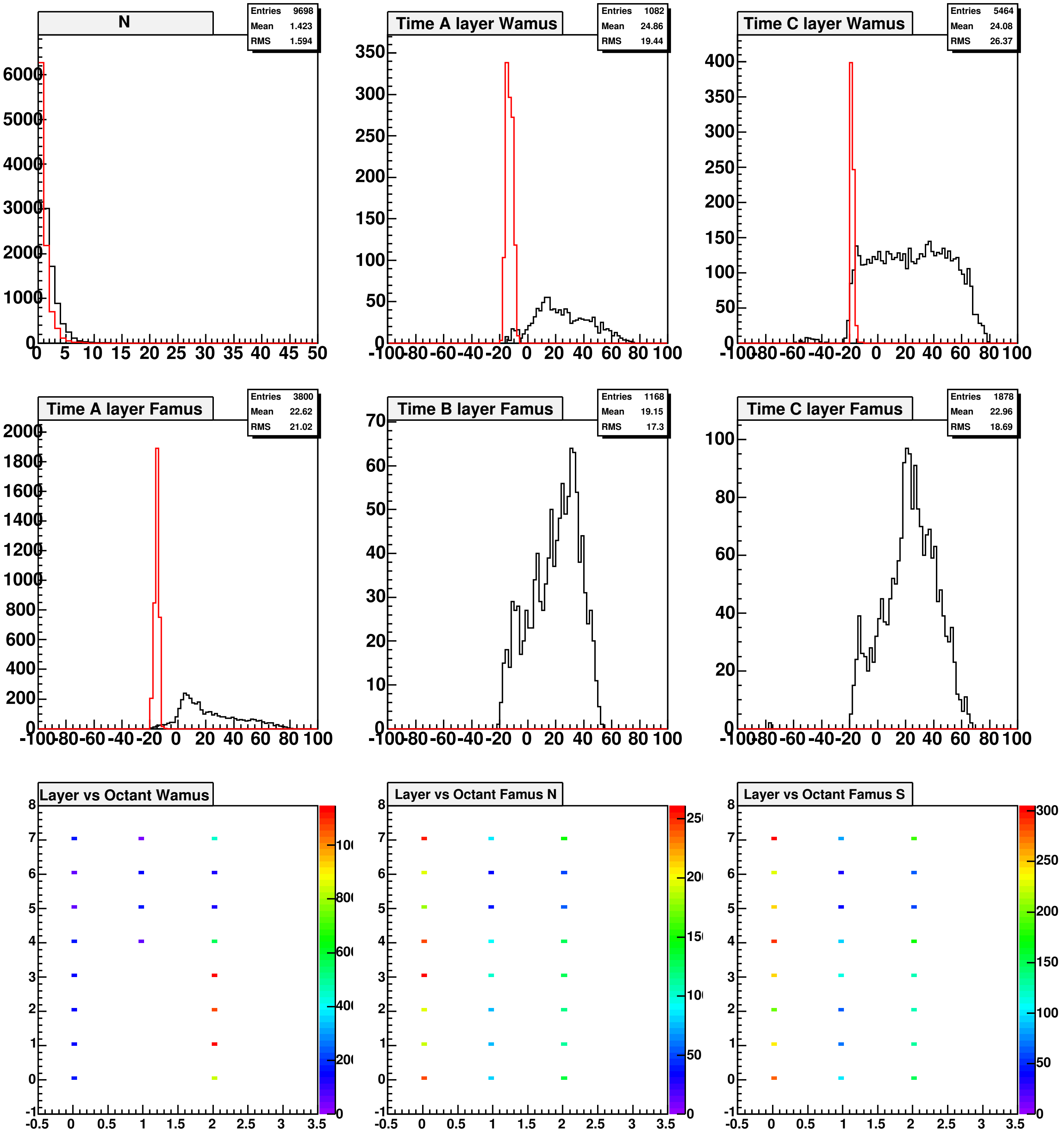
CFT ADC Summary (Clusters on tracks)


N
Entries 9698
Mean 5.191
RMS 3.678
LAYER
Entries 50467
Mean 0.8885
RMS 0.8904
OCTANT
Entries 50467
Mean 2.566
RMS 2.054
Y vs Z
X vs Z
Y vs X
DDIST
Entries 50467
Mean 2.466
RMS 1.903
DTIME
Entries 50467
Mean 333.7
RMS 196.1

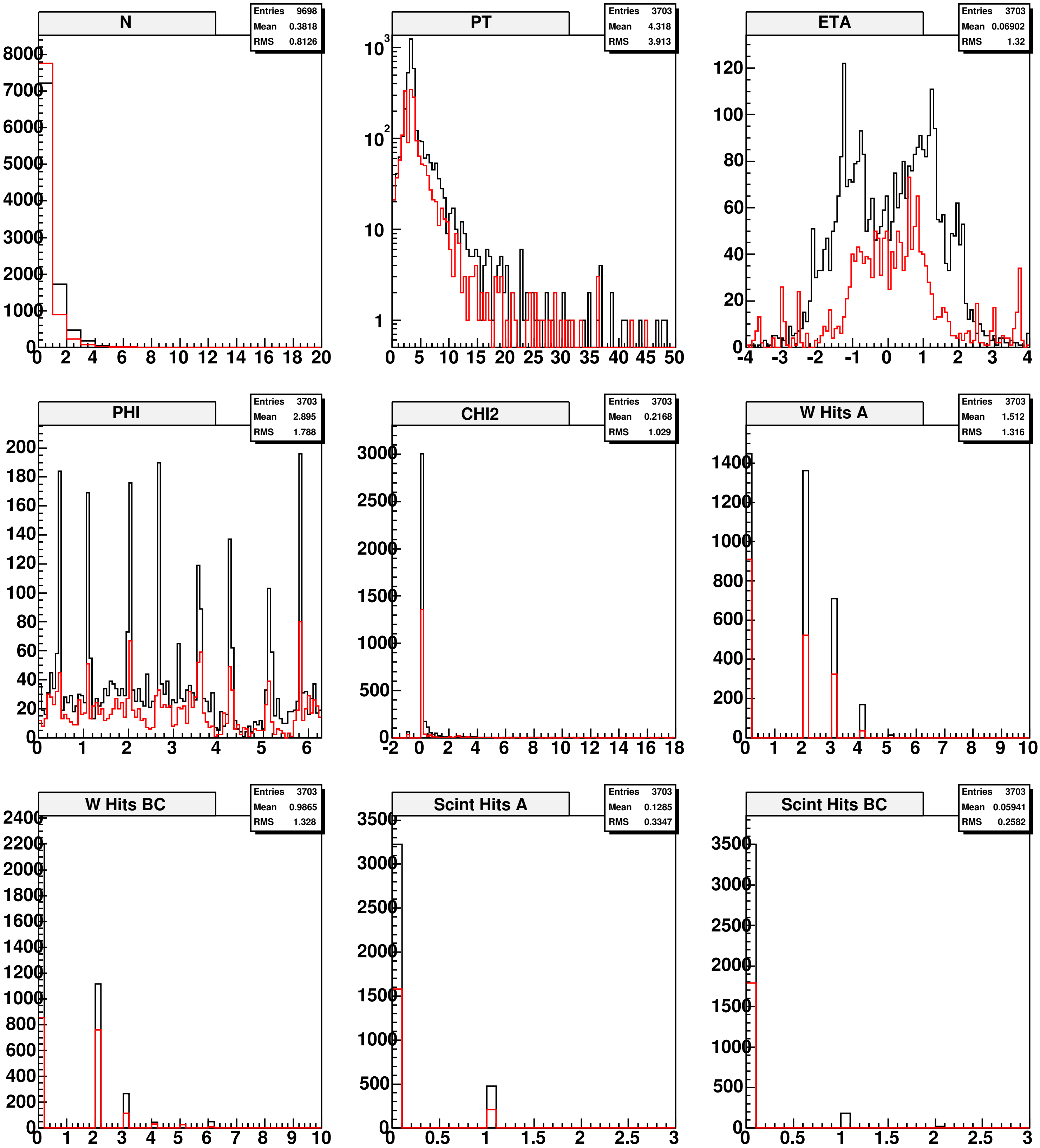
MuonPDT (All)


N
Entries 9698
Mean 2.059
RMS 3.543
LAYER
Entries 20077
Mean 0.9075
RMS 0.894
OCTANT
Entries 20077
Mean 3.21
RMS 2.304
Y vs Z
X vs Z
Y vs X
DDIST
Entries 20077
Mean 0.4626
RMS 0.19
DTIME
Entries 20077
Mean 43.1
RMS 20.16

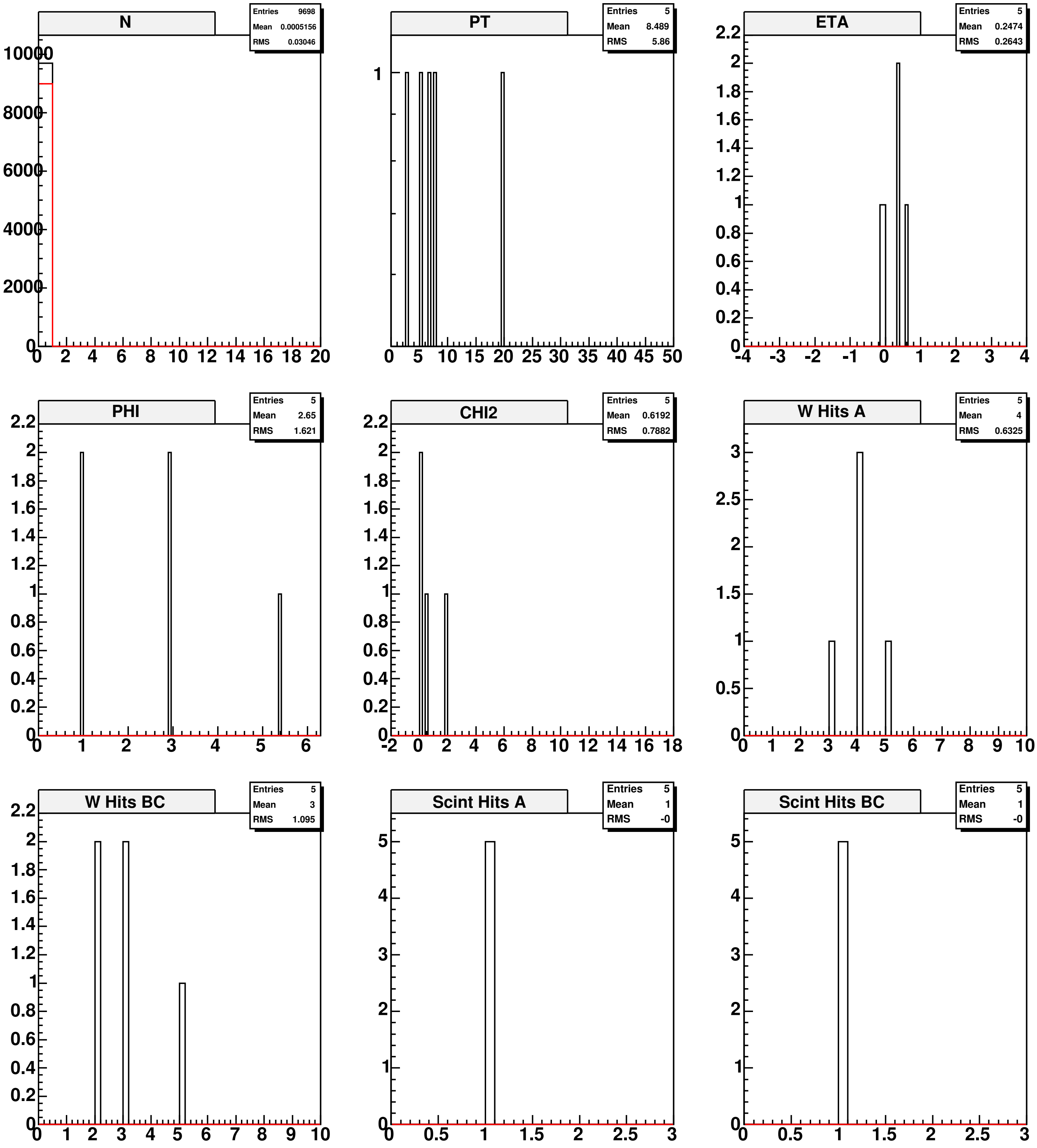
MuonMDT (All)


N
Entries 9698
Mean 1.423
RMS 1.594
Time A layer Wamus
Entries 1082
Mean 24.86
RMS 19.44
Time C layer Wamus
Entries 5464
Mean 24.08
RMS 26.37
Time A layer Famus
Entries 3800
Mean 22.62
RMS 21.02
Time B layer Famus
Entries 1168
Mean 19.15
RMS 17.3
Time C layer Famus
Entries 1878
Mean 22.96
RMS 18.69
Layer vs Octant Wamus
Layer vs Octant Famus N
Layer vs Octant Famus S

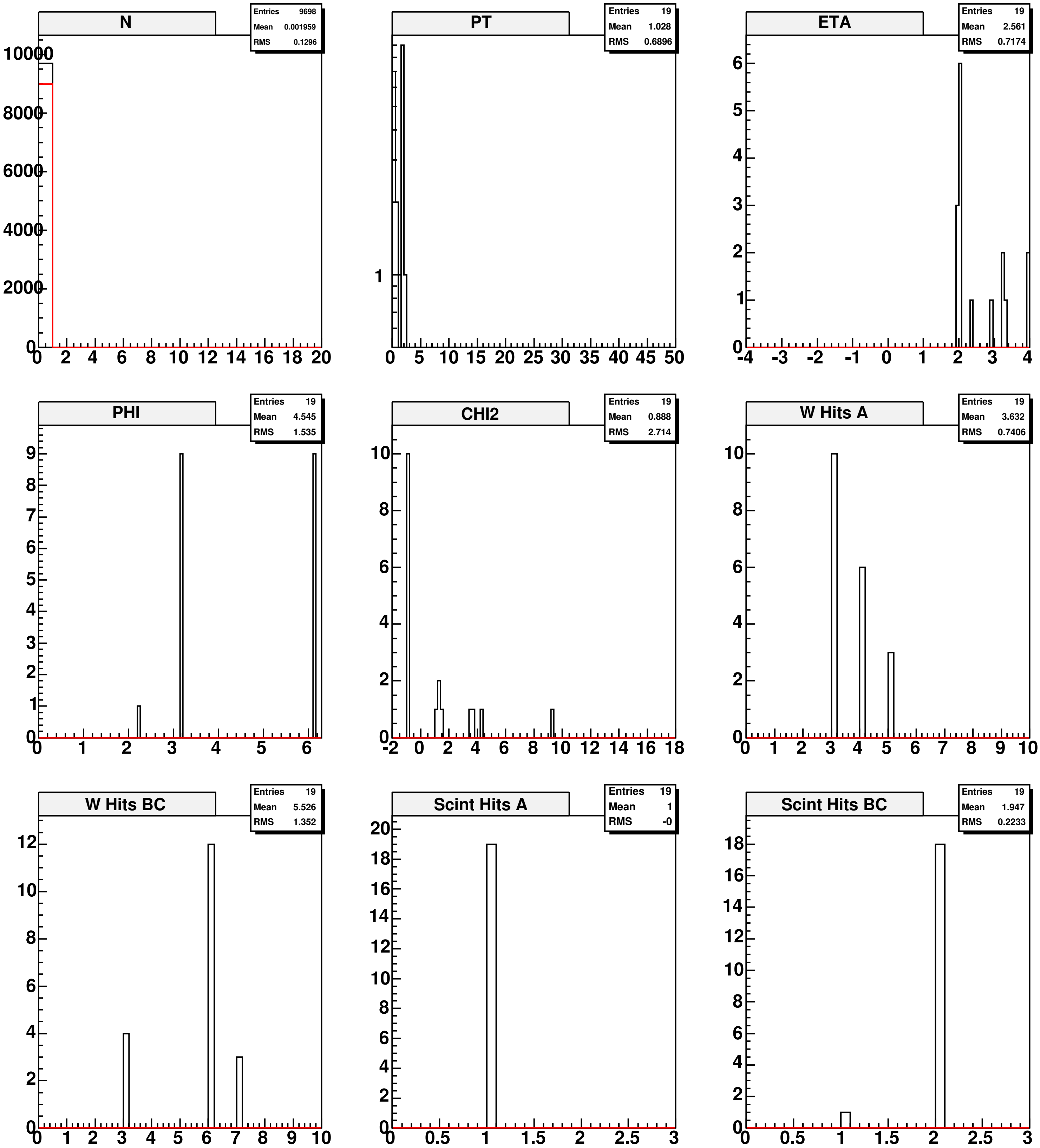
MuonMSC (All)



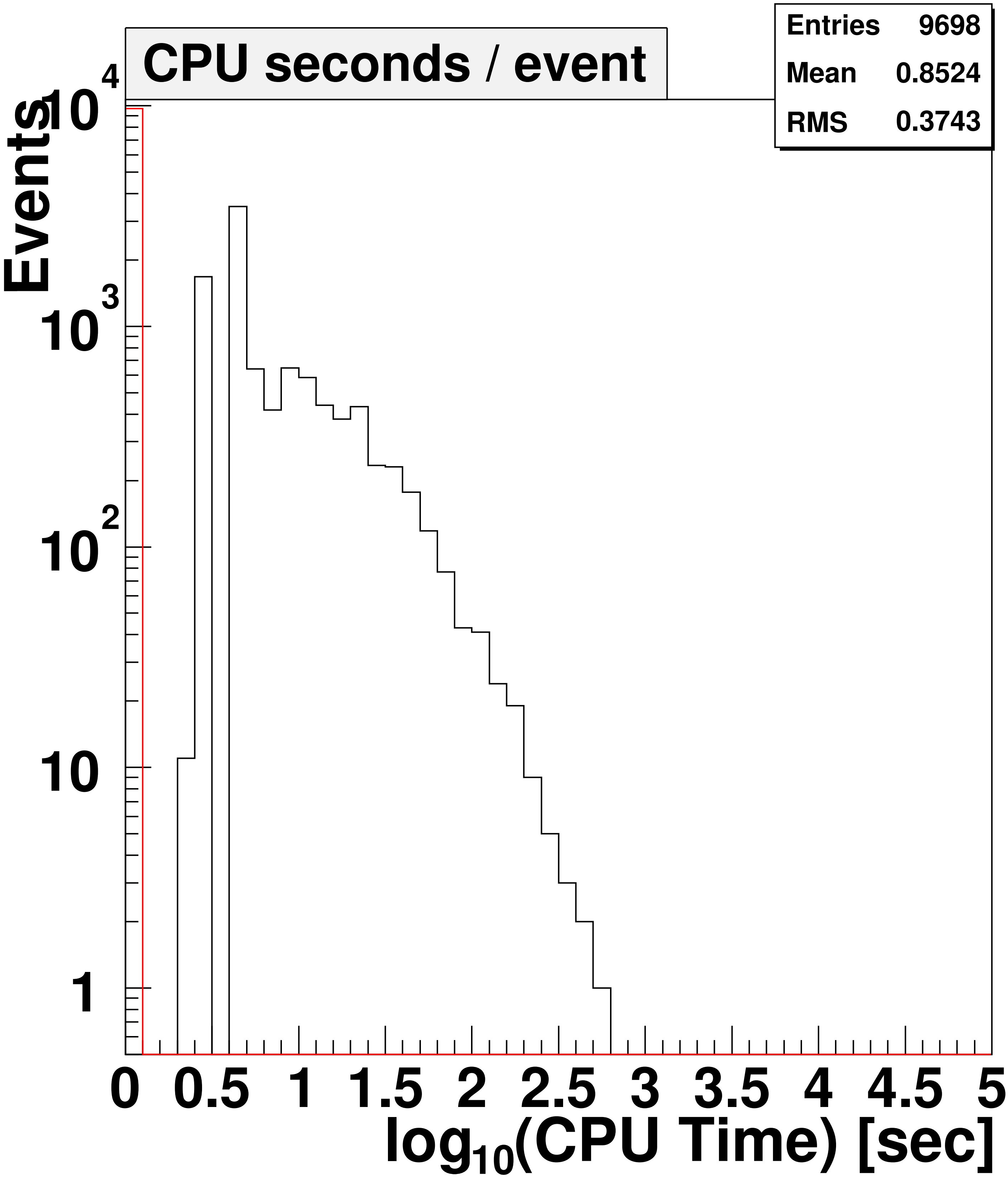
Muon Local Tracks (All)



Muon Local Tracks (MediumWamus)



Muon Local Tracks (MediumFamus)



RECO Performance (Timing)