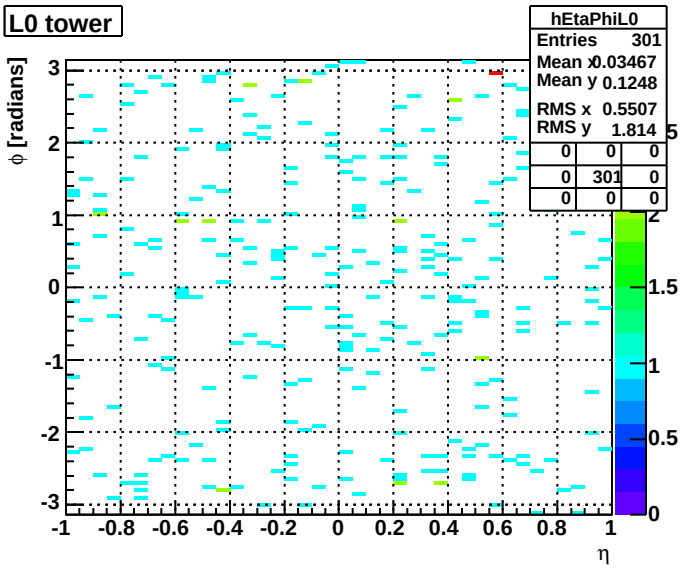
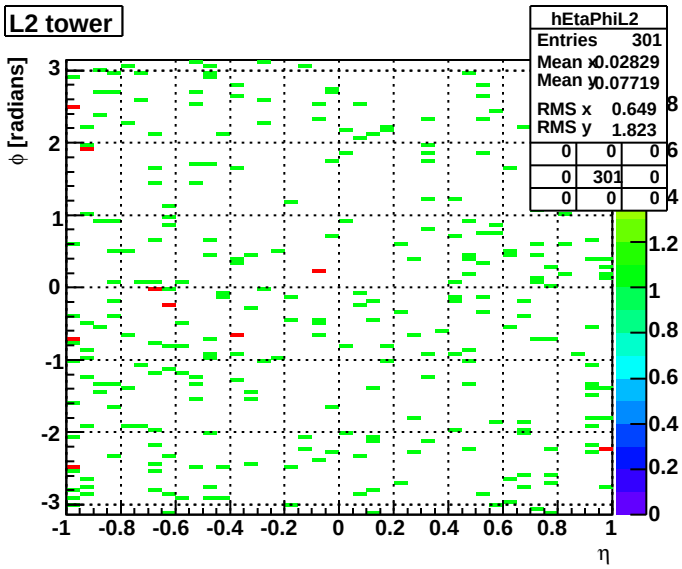
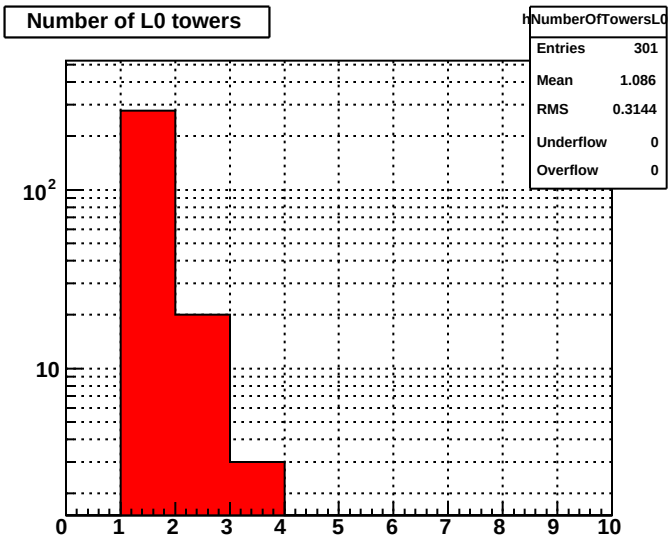
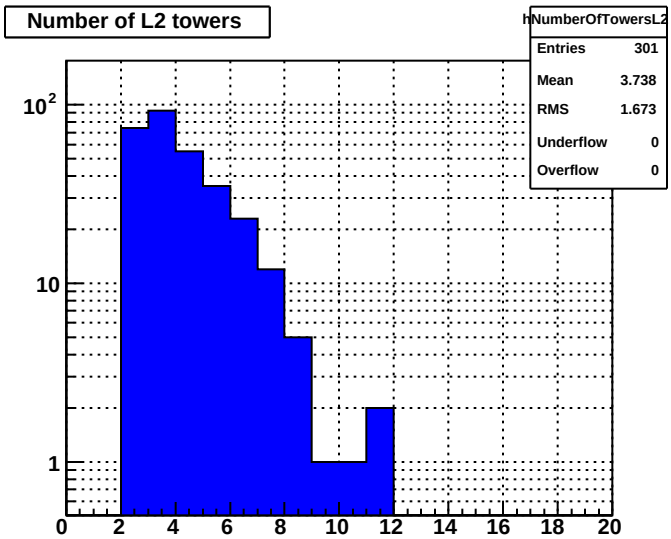
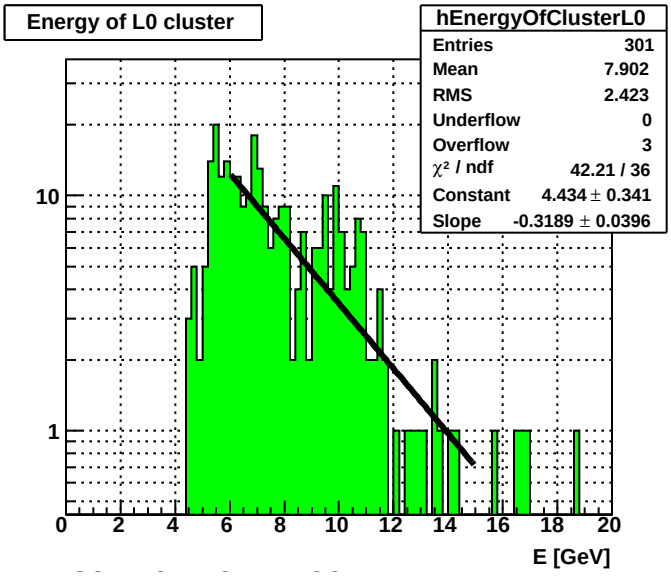
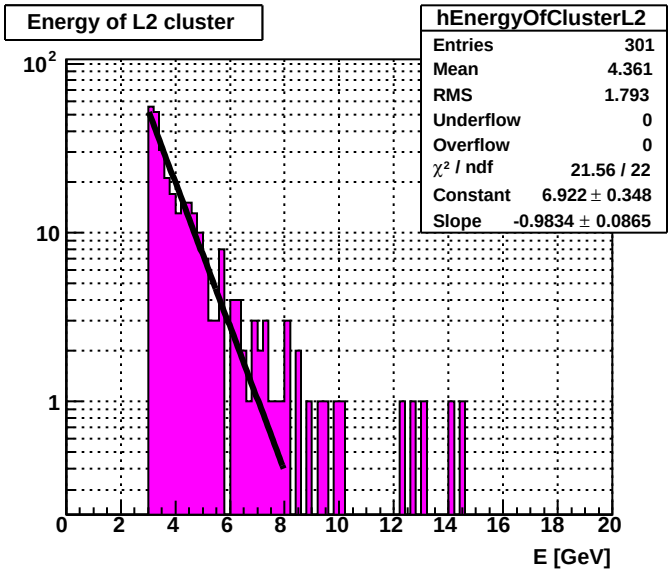

L0 tower
hEtaPhiL0
Entries 301
Mean x 0.03467
Mean y 0.1248
RMS x 0.5507
RMS y 1.814
φ [radians]
η

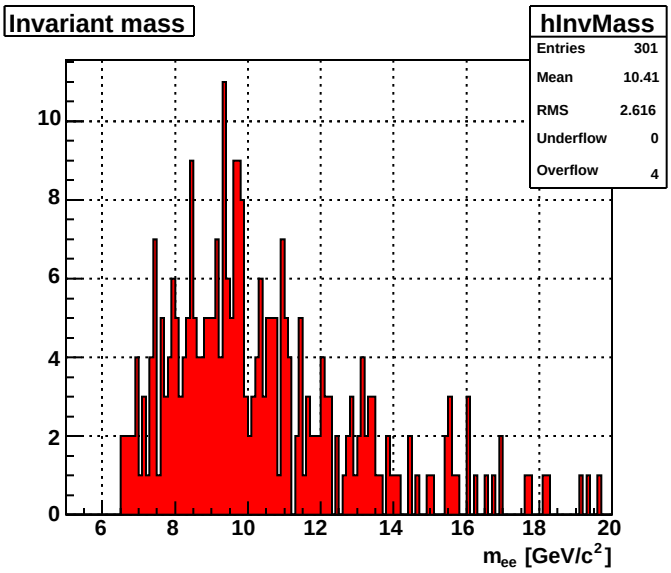

L2 tower
hEtaPhiL2
Entries 301
Mean x 0.02829
Mean y 0.07719
RMS x 0.649
RMS y 1.823
φ [radians]
η

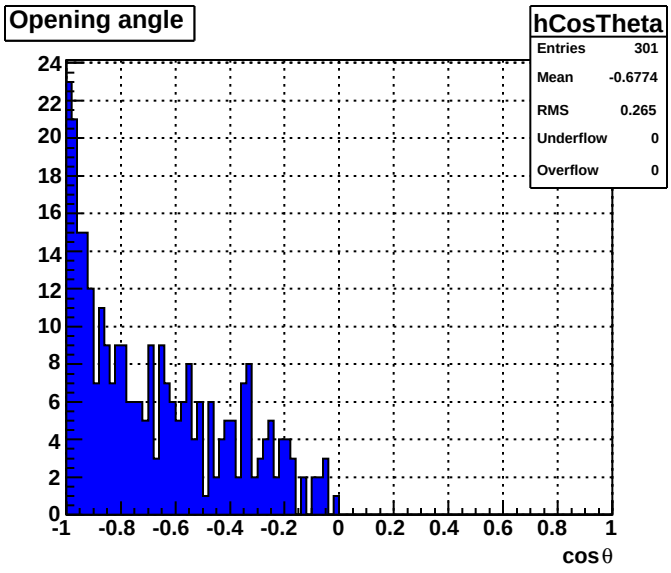

Number of L0 towers
hNumberOfTowersL0
Entries 301
Mean 1.086
RMS 0.3144
Underflow 0
Overflow 0

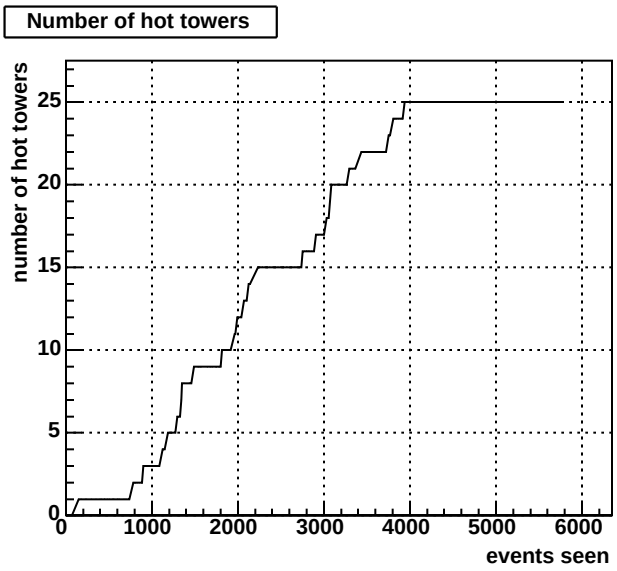

Number of L2 towers
hNumberOfTowersL2
Entries 301
Mean 3.738
RMS 1.673
Underflow 0
Overflow 0

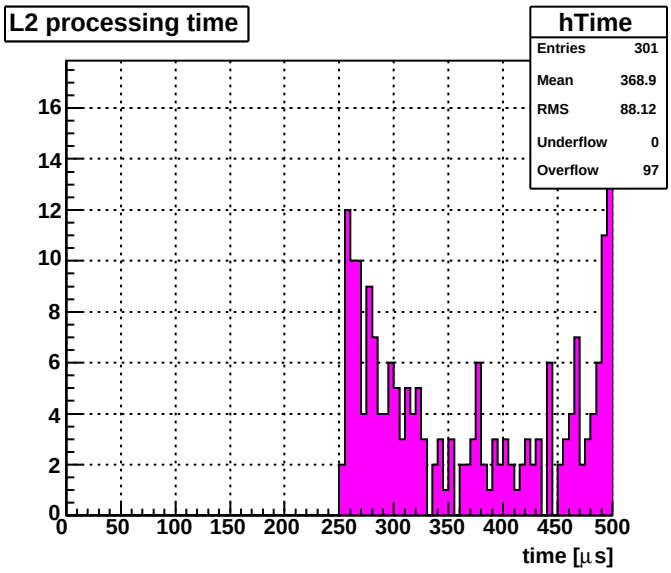

Energy of L0 cluster
hEnergyOfClusterL0
Entries 301
Mean 7.902
RMS 2.423
Underflow 0
Overflow 3
χ² / ndf 42.21 / 36
Constant 4.434 ± 0.341
Slope -0.3189 ± 0.0396
E [GeV]

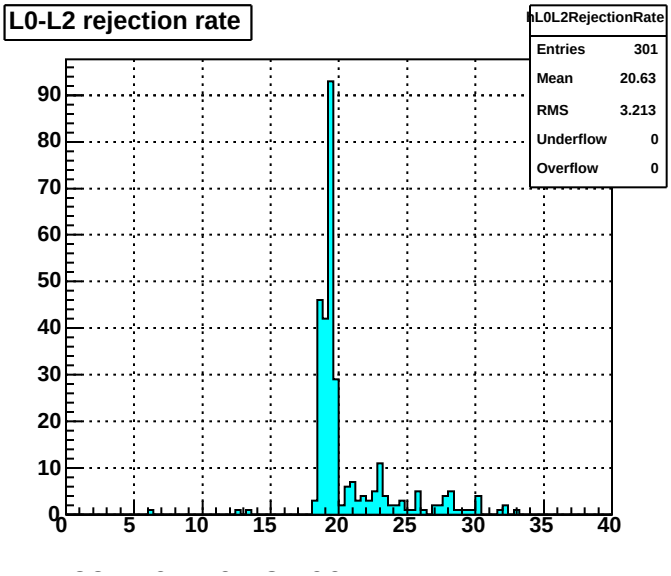

Energy of L2 cluster
hEnergyOfClusterL2
Entries 301
Mean 4.361
RMS 1.793
Underflow 0
Overflow 0
χ² / ndf 21.56 / 22
Constant 6.922 ± 0.348
Slope -0.9834 ± 0.0865
E [GeV]

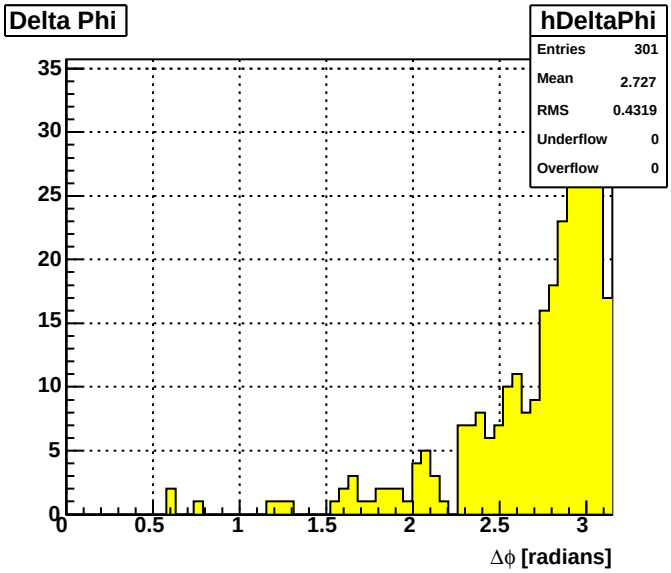

Invariant mass
hInvMass
Entries 301
Mean 10.41
RMS 2.616
Underflow 0
Overflow 4
m_{ee} [GeV/c^2]

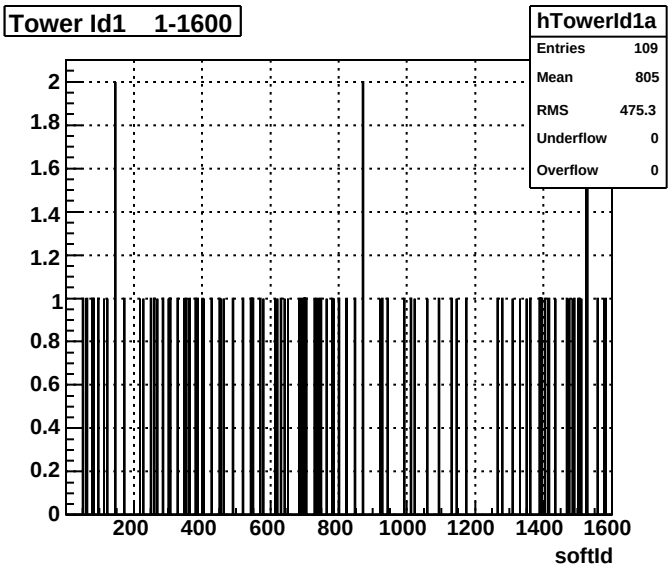

Opening angle
hCosTheta
Entries 301
Mean -0.6774
RMS 0.265
Underflow 0
Overflow 0
cos θ

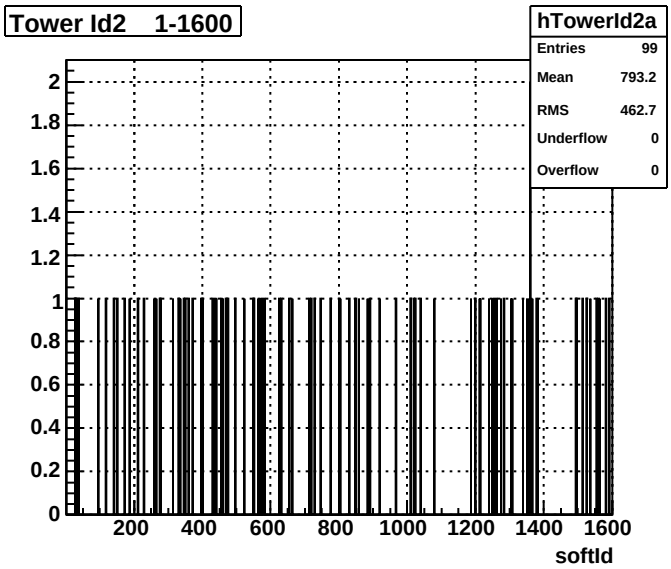

Number of hot towers
number of hot towers
events seen

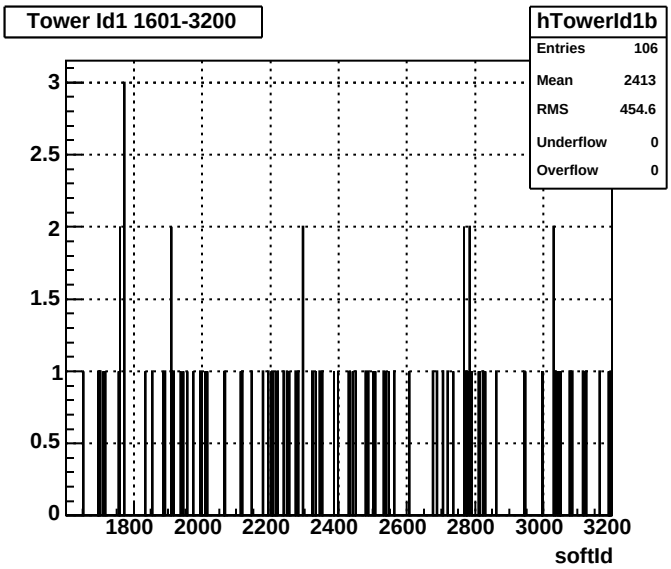

L2 processing time
hTime
Entries 301
Mean 368.9
RMS 88.12
Underflow 0
Overflow 97
time [μs]

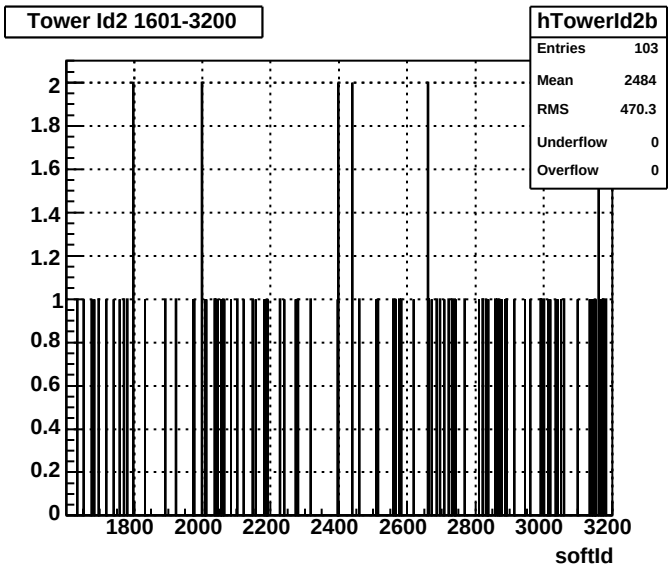

L0-L2 rejection rate
hL0L2RejectionRate
Entries 301
Mean 20.63
RMS 3.213
Underflow 0
Overflow 0

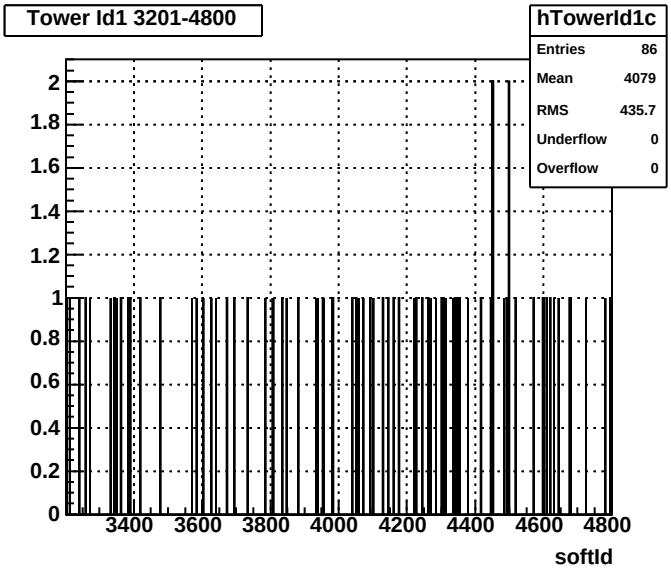

Delta Phi
hDeltaPhi
Entries 301
Mean 2.727
RMS 0.4319
Underflow 0
Overflow 0
Δφ [radians]

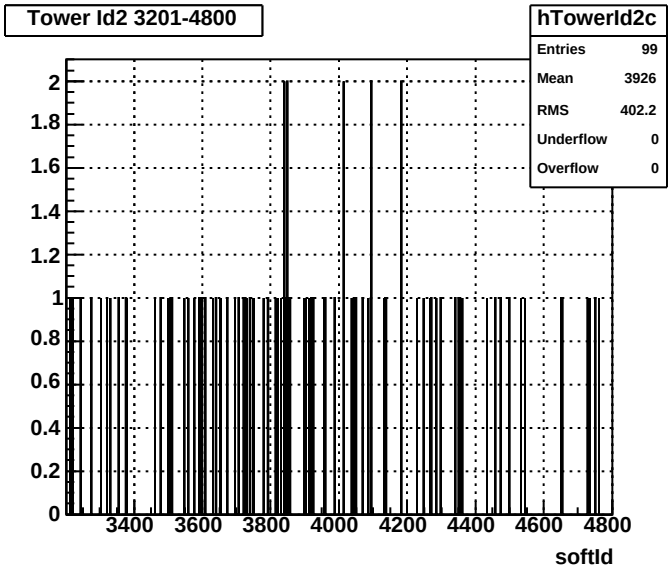

Tower Id1 1-1600
hTowerId1a
Entries 109
Mean 805
RMS 475.3
Underflow 0
Overflow 0
softId

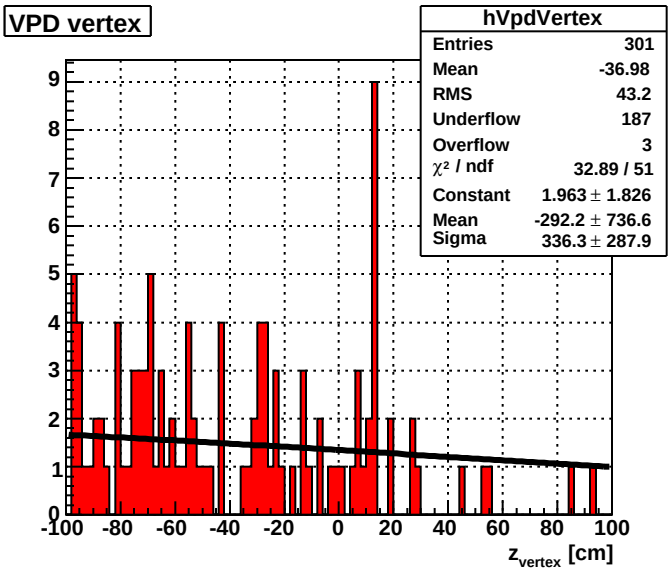

Tower Id2 1-1600
hTowerId2a
Entries 99
Mean 793.2
RMS 462.7
Underflow 0
Overflow 0
softId

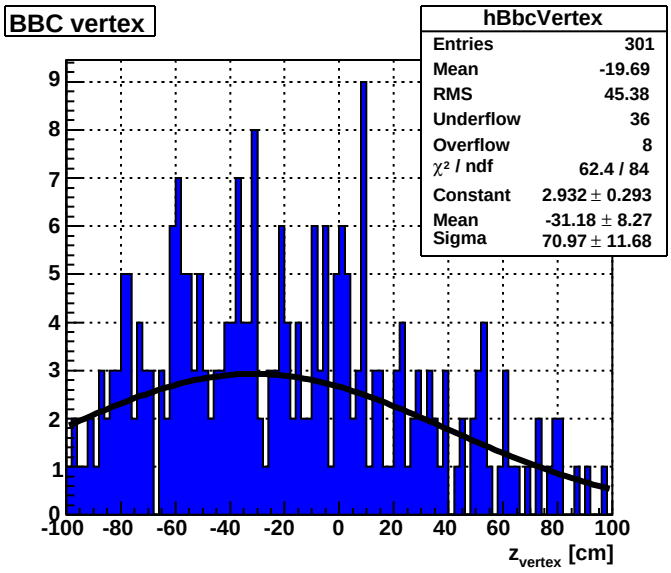

Tower Id1 1601-3200
hTowerId1b
Entries 106
Mean 2413
RMS 454.6
Underflow 0
Overflow 0
softId

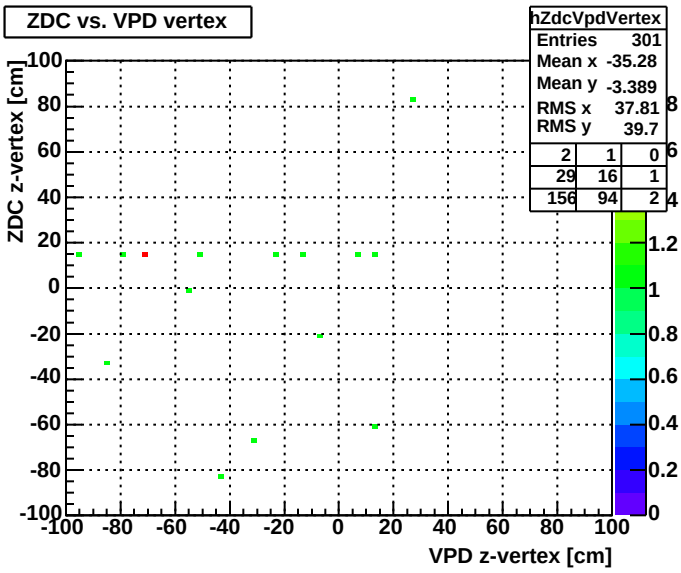

Tower Id2 1601-3200
hTowerId2b
Entries 103
Mean 2484
RMS 470.3
Underflow 0
Overflow 0
softId

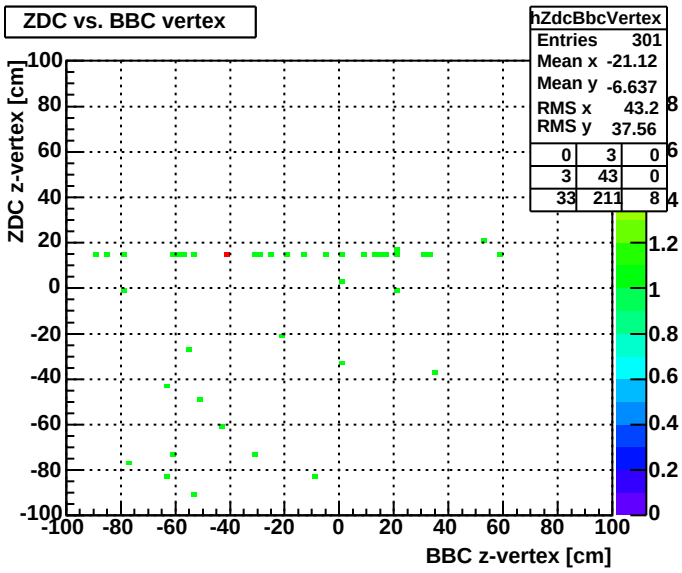

Tower Id1 3201-4800
hTowerId1c
Entries 86
Mean 4079
RMS 435.7
Underflow 0
Overflow 0
softId

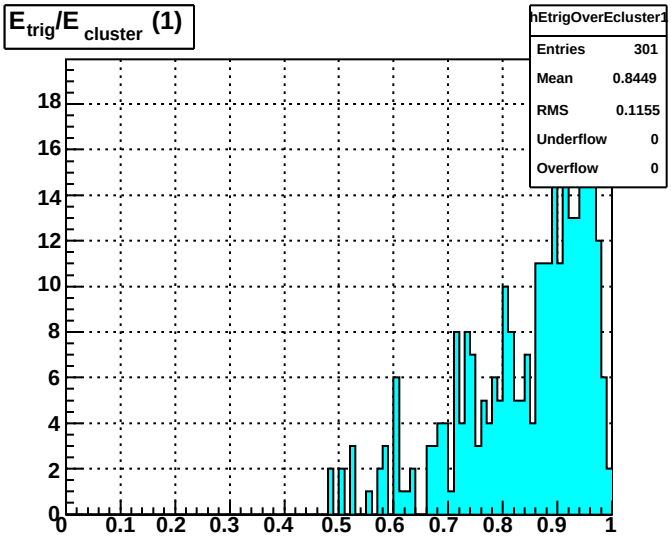

Tower Id2 3201-4800
hTowerId2c
Entries 99
Mean 3926
RMS 402.2
Underflow 0
Overflow 0
softId

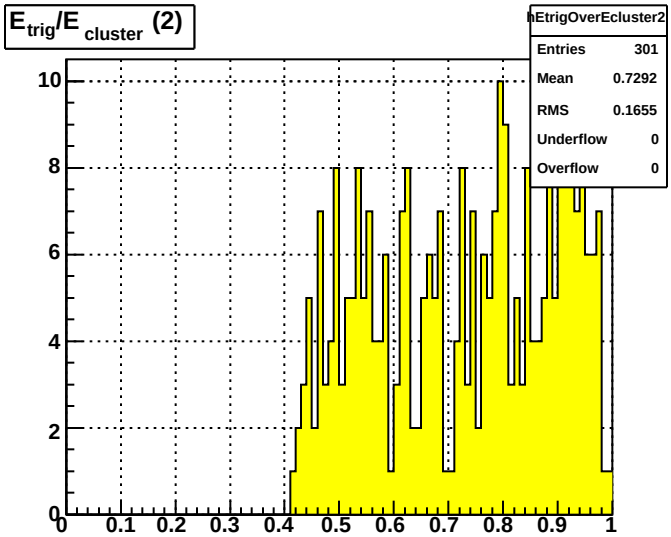

VPD vertex
hVpdVertex
Entries 301
Mean -36.98
RMS 43.2
Underflow 187
Overflow 3
χ² / ndf 32.89 / 51
Constant 1.963 ± 1.826
Mean -292.2 ± 736.6
Sigma 336.3 ± 287.9
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 301
Mean -19.69
RMS 45.38
Underflow 36
Overflow 8
χ² / ndf 62.4 / 84
Constant 2.932 ± 0.293
Mean -31.18 ± 8.27
Sigma 70.97 ± 11.68
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 301
Mean x -35.28
Mean y -3.389
RMS x 37.81
RMS y 39.7
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 301
Mean x -21.12
Mean y -6.637
RMS x 43.2
RMS y 37.56
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 301
Mean 0.8449
RMS 0.1155
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 301
Mean 0.7292
RMS 0.1655
Underflow 0
Overflow 0