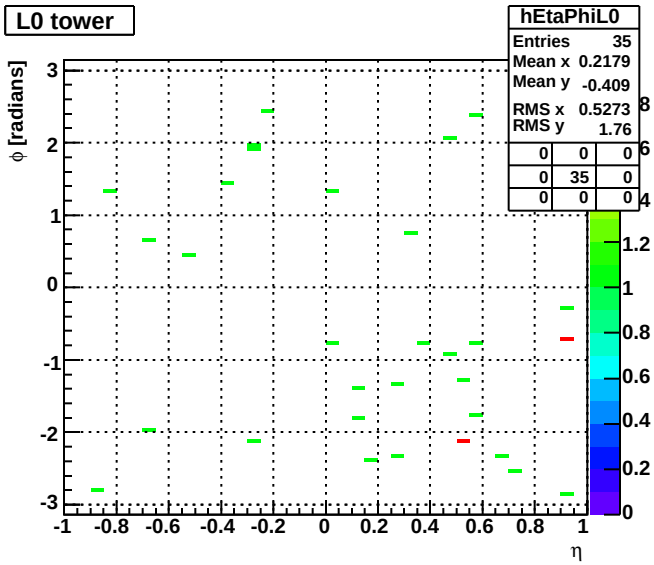
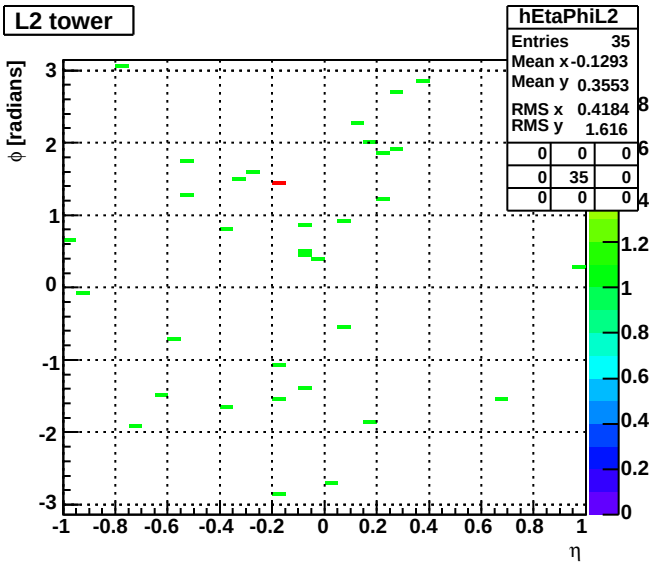
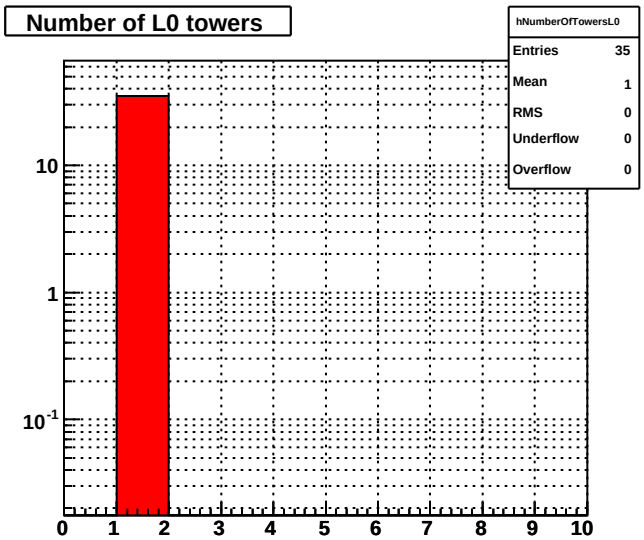
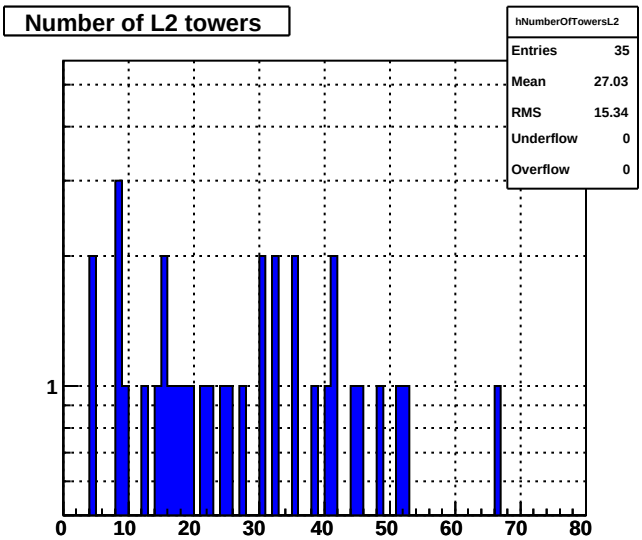
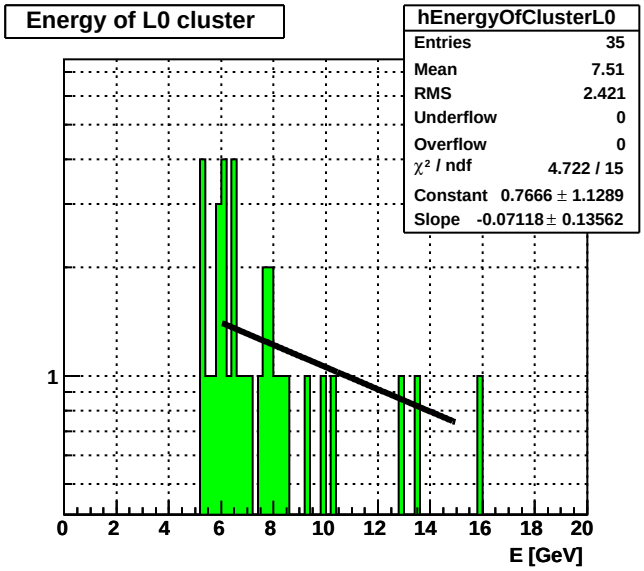
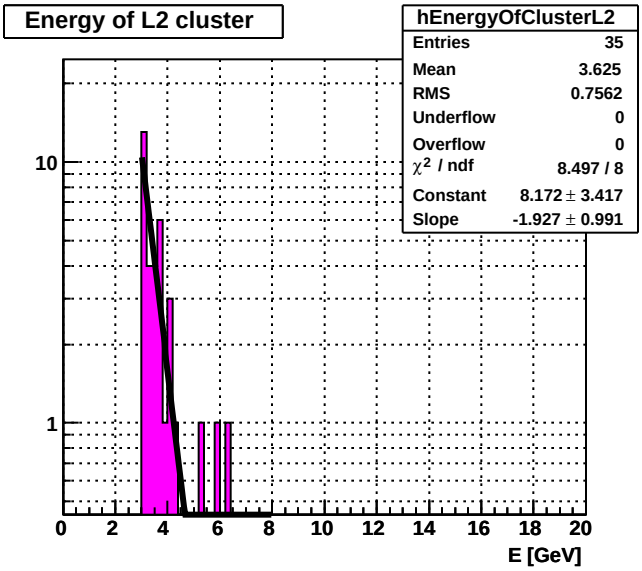

L0 tower
hEtaPhiL0
Entries 35
Mean x 0.2179
Mean y -0.409
RMS x 0.5273
RMS y 1.76
φ [radians]
η

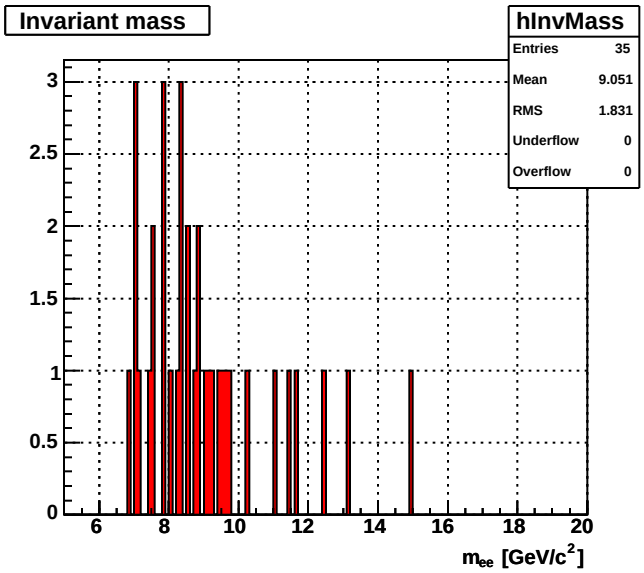

L2 tower
hEtaPhiL2
Entries 35
Mean x -0.1293
Mean y 0.3553
RMS x 0.4184
RMS y 1.616
φ [radians]
η

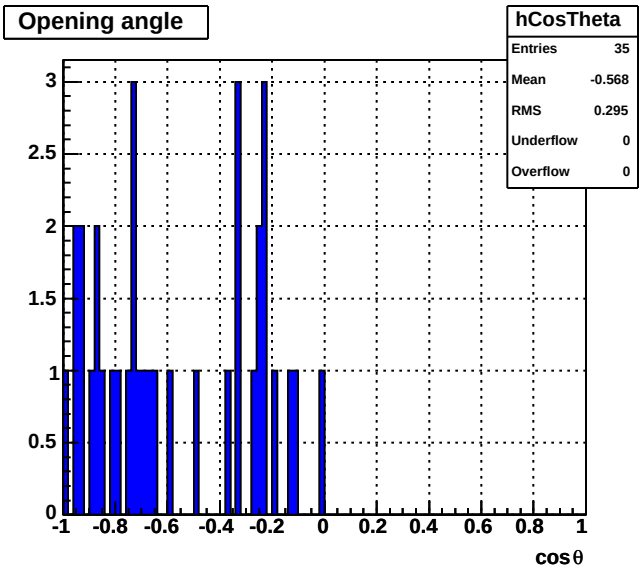

Number of L0 towers
hNumberOfTowersL0
Entries 35
Mean 1
RMS 0
Underflow 0
Overflow 0

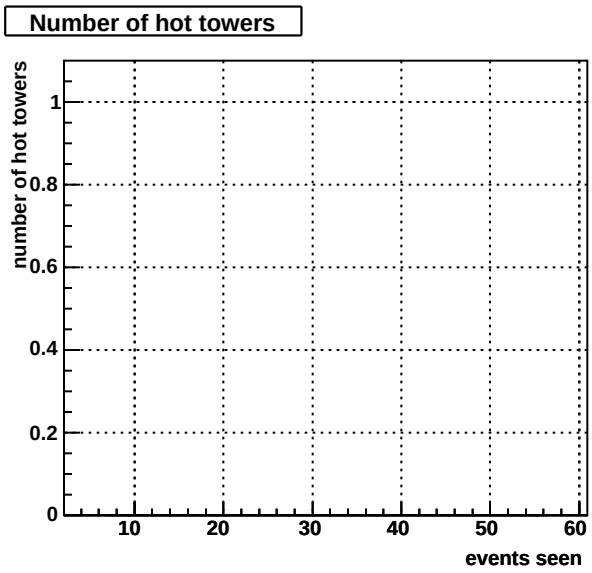

Number of L2 towers
hNumberOfTowersL2
Entries 35
Mean 27.03
RMS 15.34
Underflow 0
Overflow 0

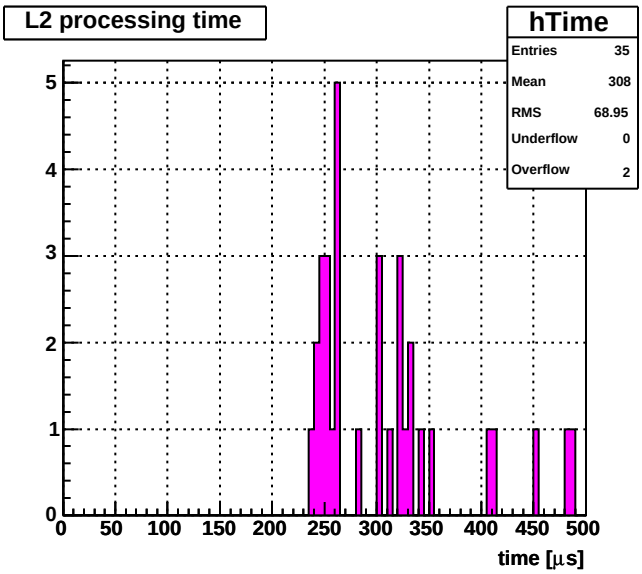

Energy of L0 cluster
hEnergyOfClusterL0
Entries 35
Mean 7.51
RMS 2.421
Underflow 0
Overflow 0
χ² / ndf 4.722 / 15
Constant 0.7666 ± 1.1289
Slope -0.07118 ± 0.13562
E [GeV]

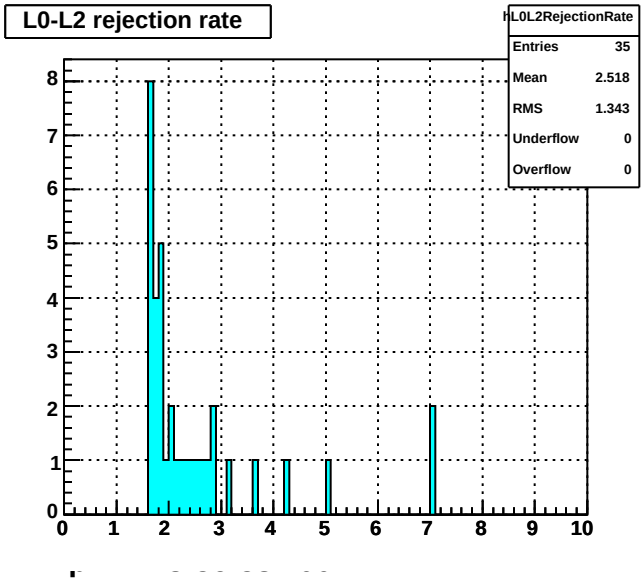

Energy of L2 cluster
hEnergyOfClusterL2
Entries 35
Mean 3.625
RMS 0.7562
Underflow 0
Overflow 0
χ² / ndf 8.497 / 8
Constant 8.172 ± 3.417
Slope -1.927 ± 0.991
E [GeV]

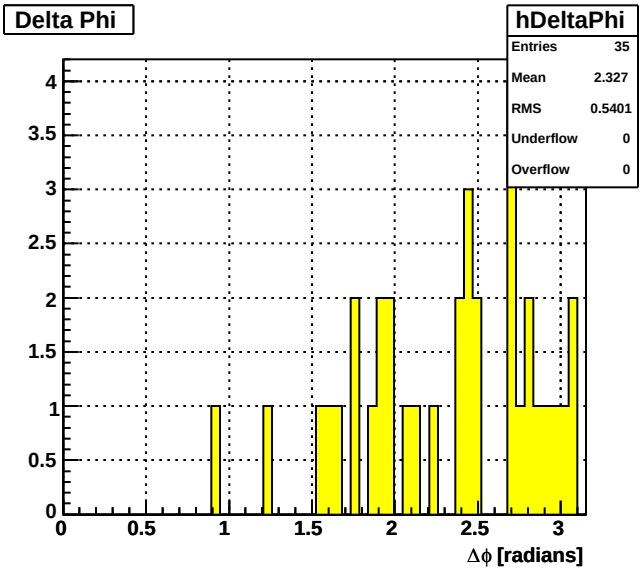

Invariant mass
hInvMass
Entries 35
Mean 9.051
RMS 1.831
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

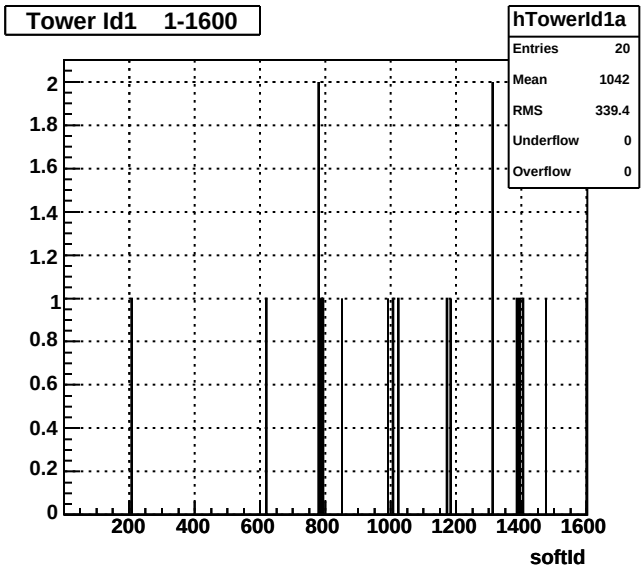

Opening angle
hCosTheta
Entries 35
Mean -0.568
RMS 0.295
Underflow 0
Overflow 0
cos θ

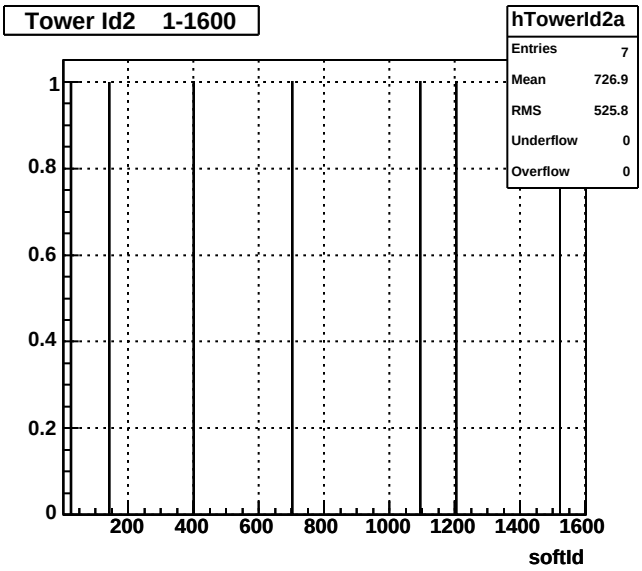

Number of hot towers
number of hot towers
events seen

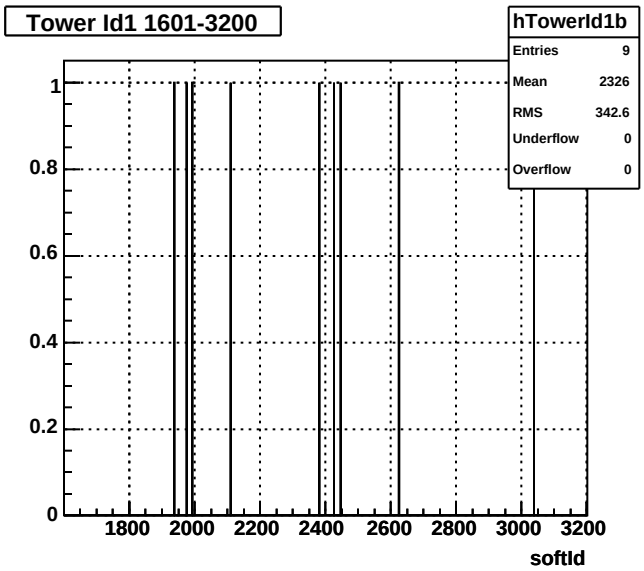

L2 processing time
hTime
Entries 35
Mean 308
RMS 68.95
Underflow 0
Overflow 2
time [μs]

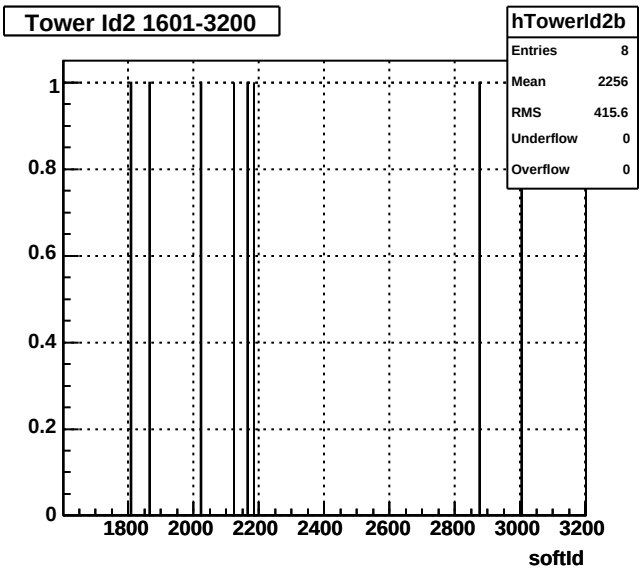

L0-L2 rejection rate
hL0L2RejectionRate
Entries 35
Mean 2.518
RMS 1.343
Underflow 0
Overflow 0

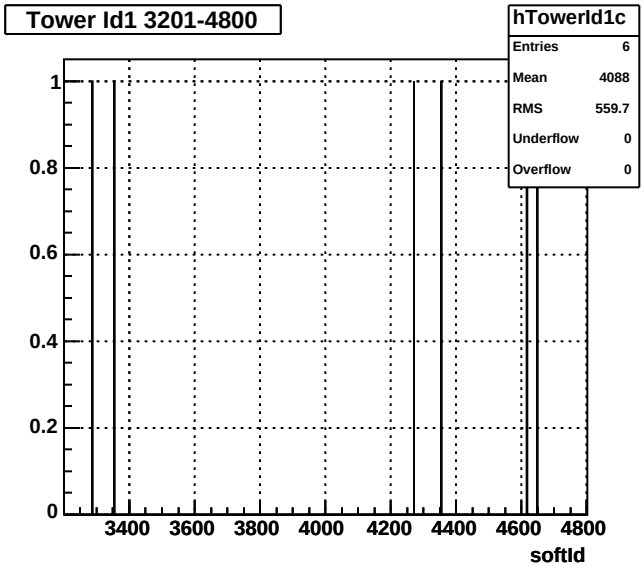

Delta Phi
hDeltaPhi
Entries 35
Mean 2.327
RMS 0.5401
Underflow 0
Overflow 0
Δφ [radians]

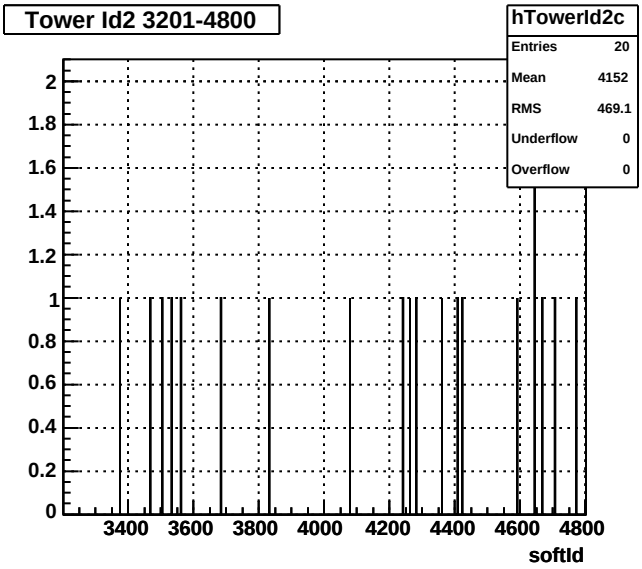

Tower Id1 1-1600
hTowerId1a
Entries 20
Mean 1042
RMS 339.4
Underflow 0
Overflow 0
softId

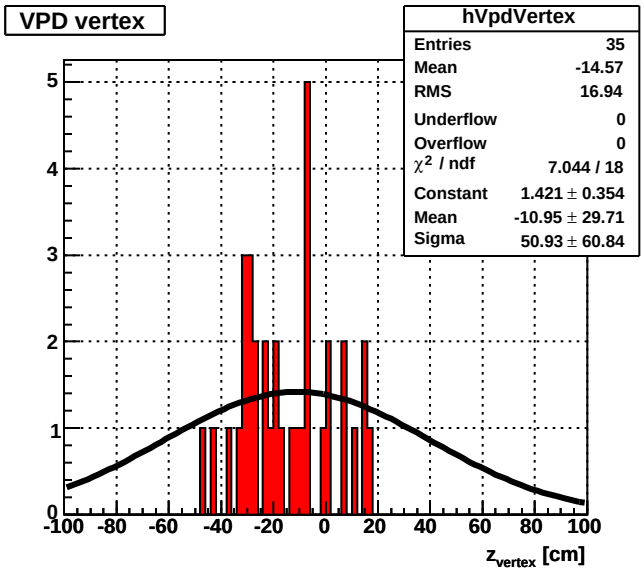

Tower Id2 1-1600
hTowerId2a
Entries 7
Mean 726.9
RMS 525.8
Underflow 0
Overflow 0
softId

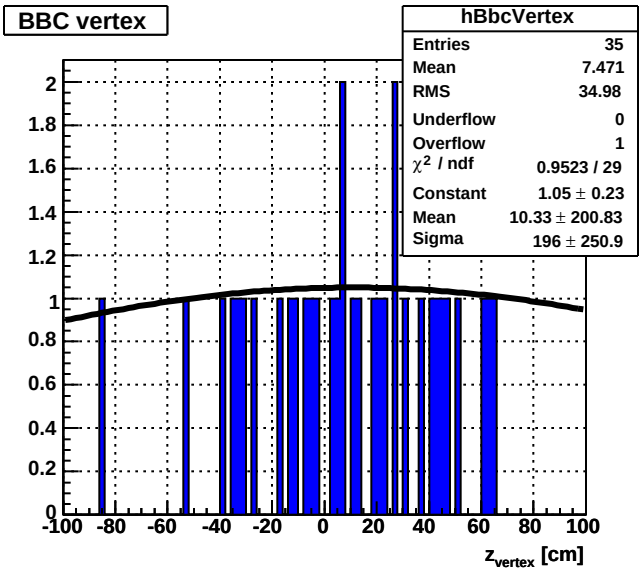

Tower Id1 1601-3200
hTowerId1b
Entries 9
Mean 2326
RMS 342.6
Underflow 0
Overflow 0
softId

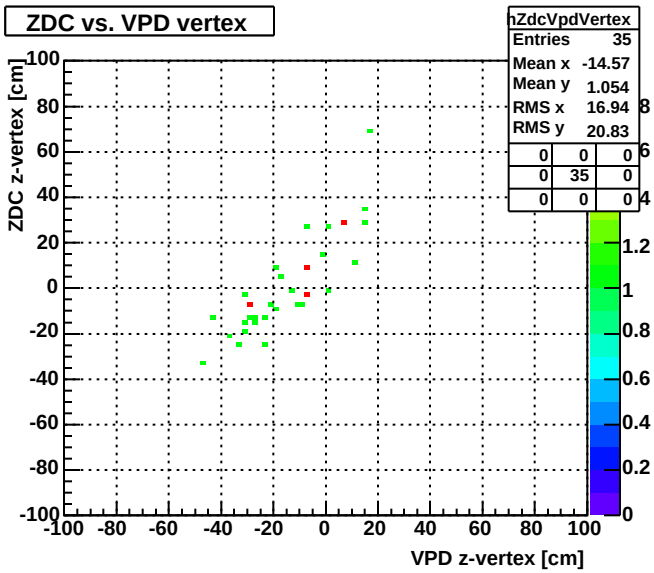

Tower Id2 1601-3200
hTowerId2b
Entries 8
Mean 2256
RMS 415.6
Underflow 0
Overflow 0
softId

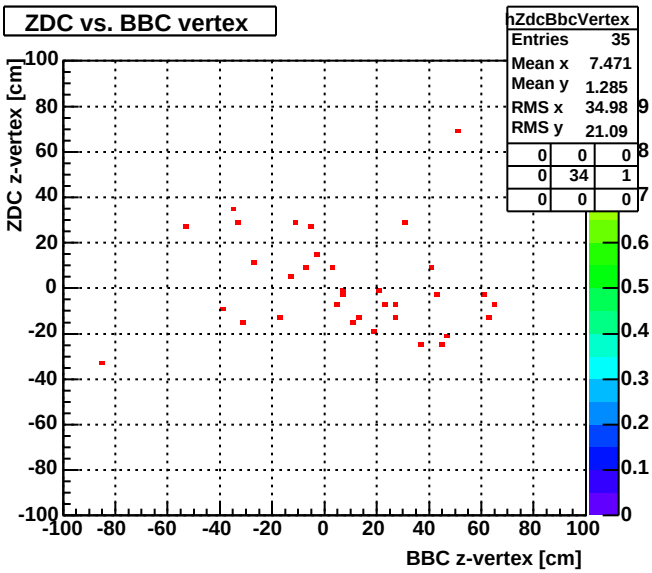

Tower Id1 3201-4800
hTowerId1c
Entries 6
Mean 4088
RMS 559.7
Underflow 0
Overflow 0
softId

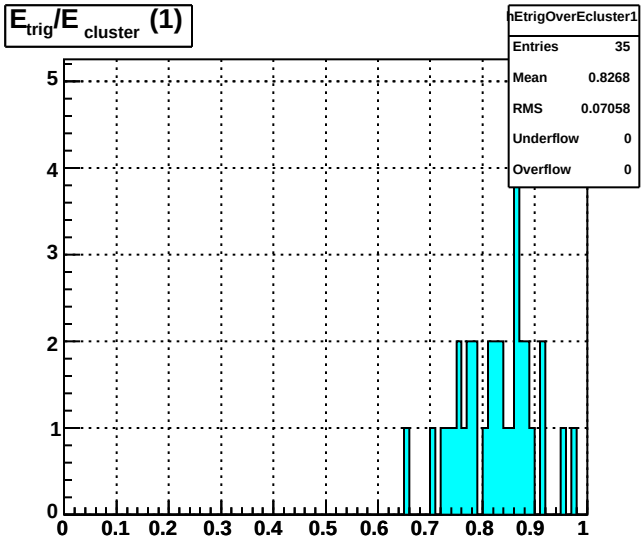

Tower Id2 3201-4800
hTowerId2c
Entries 20
Mean 4152
RMS 469.1
Underflow 0
Overflow 0
softId

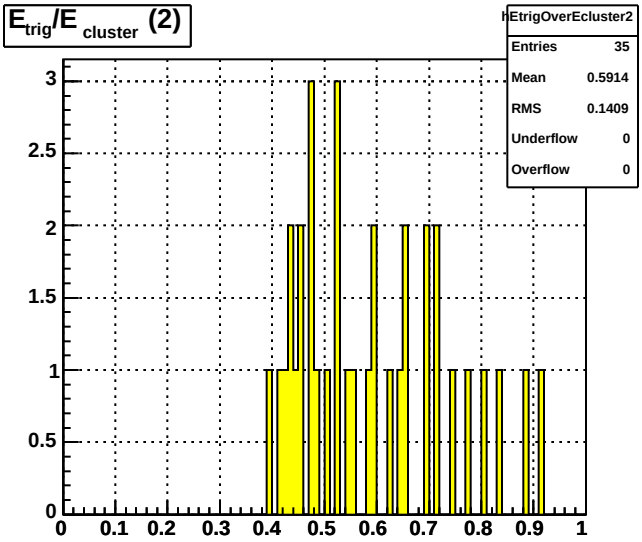

VPD vertex
hVpdVertex
Entries 35
Mean -14.57
RMS 16.94
Underflow 0
Overflow 0
χ² / ndf 7.044 / 18
Constant 1.421 ± 0.354
Mean -10.95 ± 29.71
Sigma 50.93 ± 60.84
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 35
Mean 7.471
RMS 34.98
Underflow 0
Overflow 1
χ² / ndf 0.9523 / 29
Constant 1.05 ± 0.23
Mean 10.33 ± 200.83
Sigma 196 ± 250.9
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 35
Mean x -14.57
Mean y 1.054
RMS x 16.94
RMS y 20.83
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 35
Mean x 7.471
Mean y 1.285
RMS x 34.98
RMS y 21.09
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 35
Mean 0.8268
RMS 0.07058
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 35
Mean 0.5914
RMS 0.1409
Underflow 0
Overflow 0