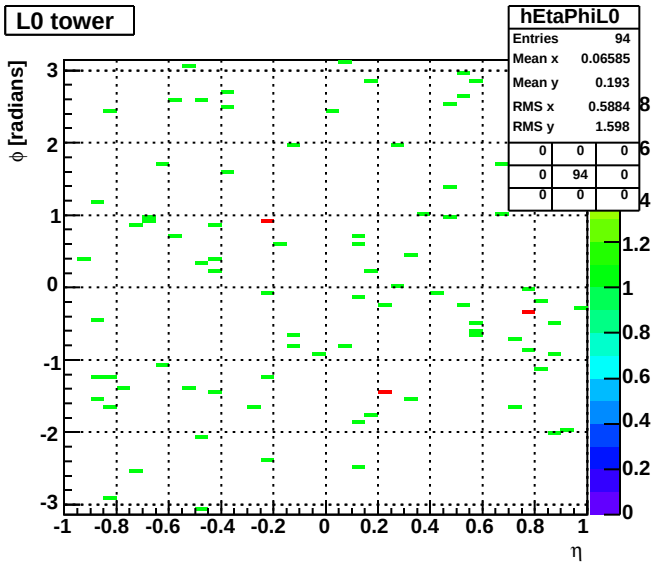
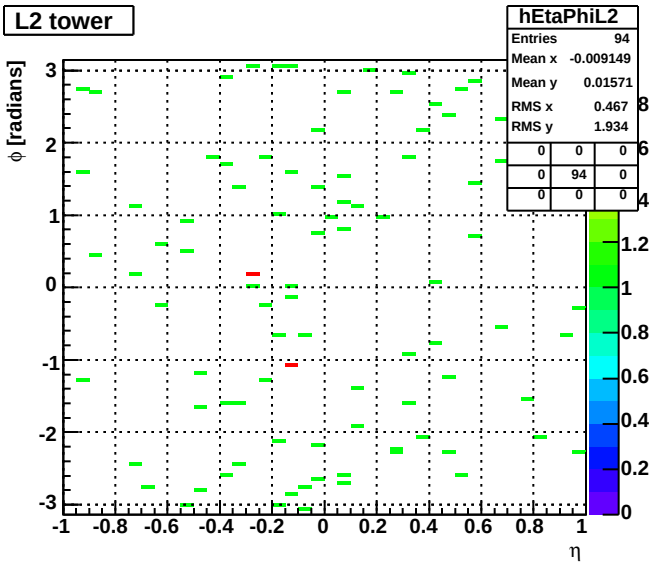
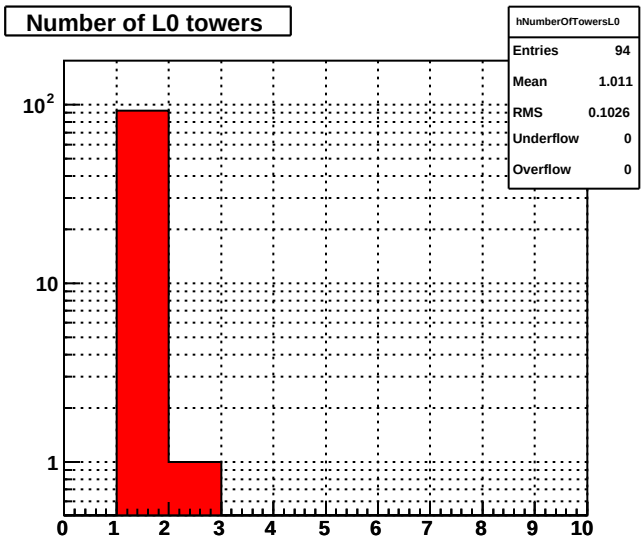
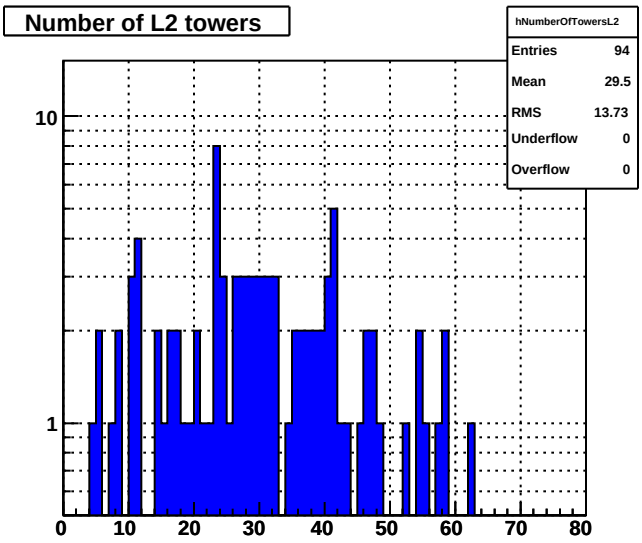
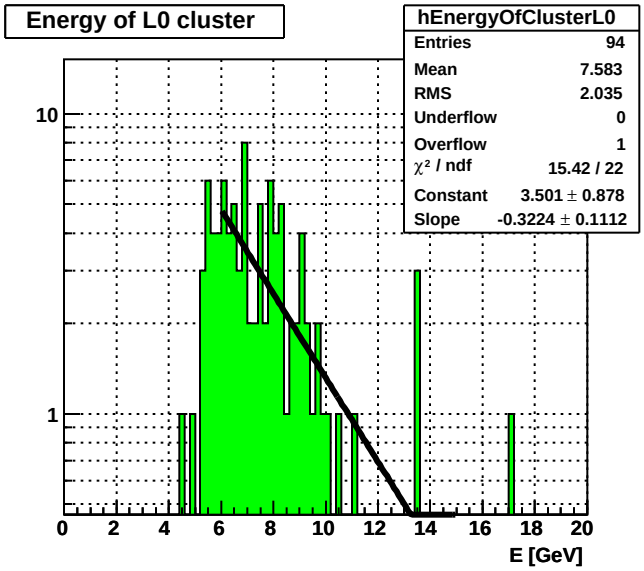
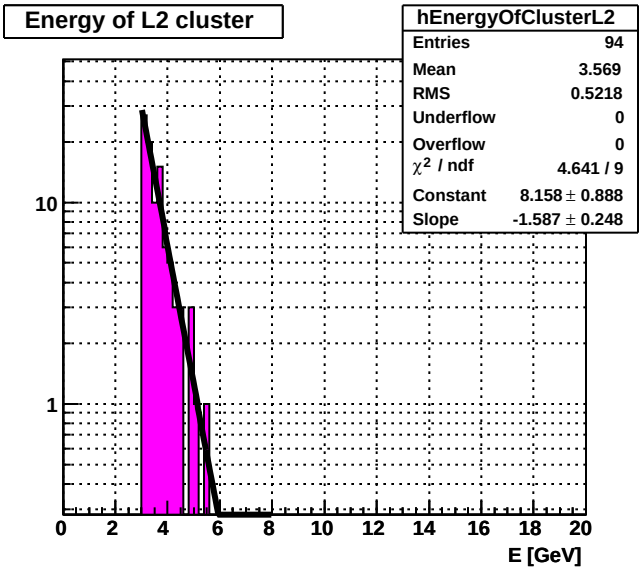

L0 tower
hEtaPhiL0
Entries 94
Mean x 0.06585
Mean y 0.193
RMS x 0.5884
RMS y 1.598
φ [radians]
η

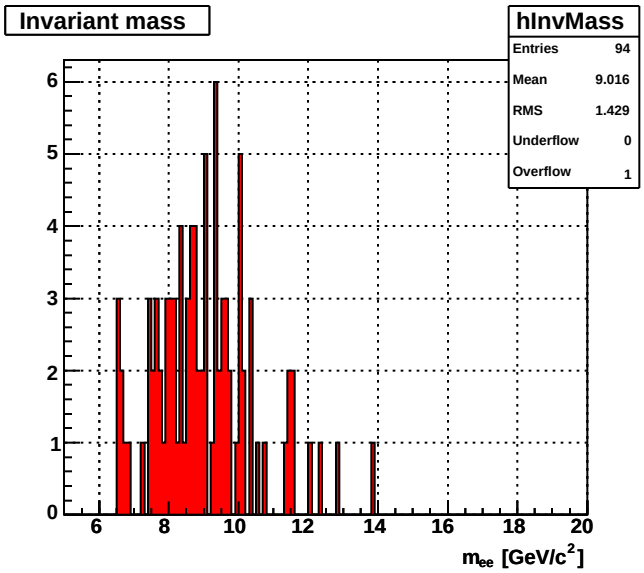

L2 tower
hEtaPhiL2
Entries 94
Mean x -0.009149
Mean y 0.01571
RMS x 0.467
RMS y 1.934
φ [radians]
η

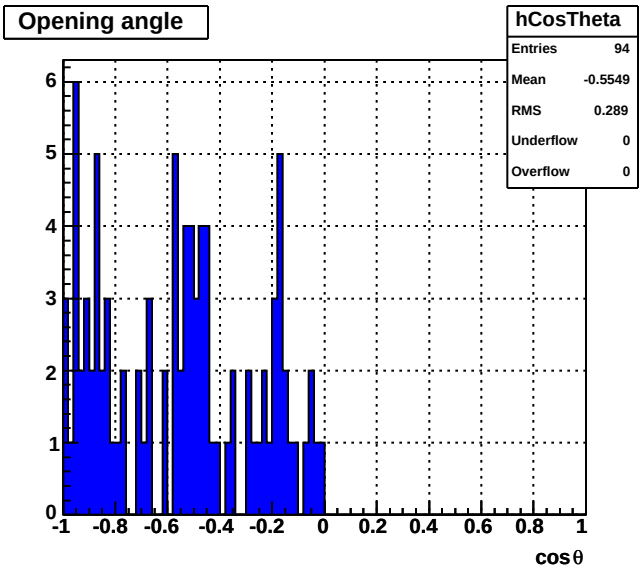

Number of L0 towers
hNumberOfTowersL0
Entries 94
Mean 1.011
RMS 0.1026
Underflow 0
Overflow 0

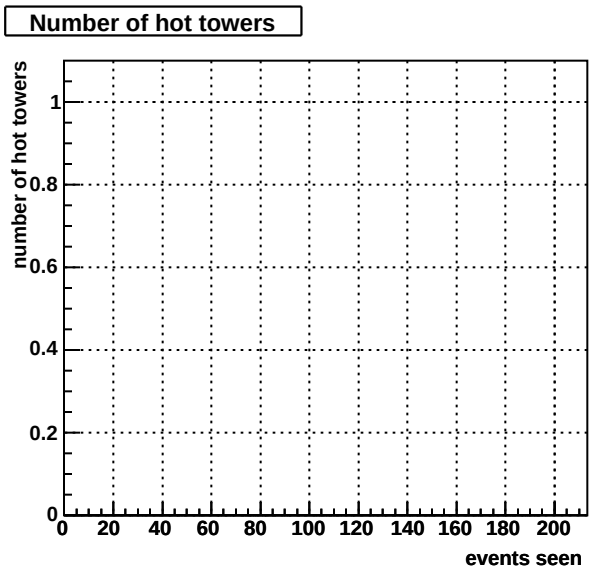

Number of L2 towers
hNumberOfTowersL2
Entries 94
Mean 29.5
RMS 13.73
Underflow 0
Overflow 0

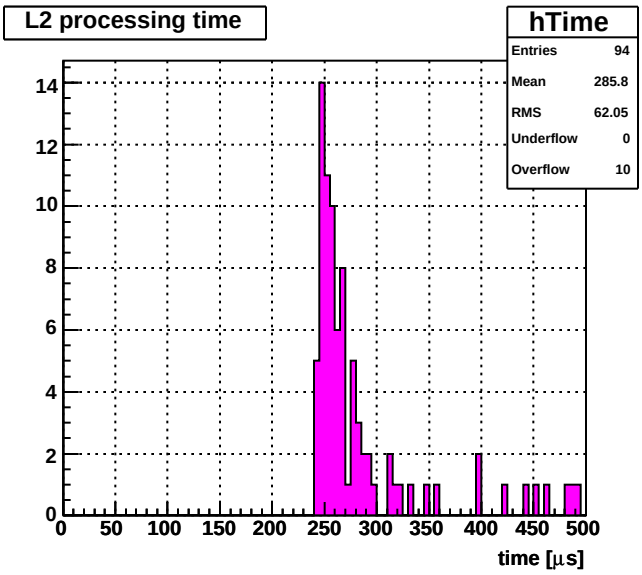

Energy of L0 cluster
hEnergyOfClusterL0
Entries 94
Mean 7.583
RMS 2.035
Underflow 0
Overflow 1
χ² / ndf 15.42 / 22
Constant 3.501 ± 0.878
Slope -0.3224 ± 0.1112
E [GeV]

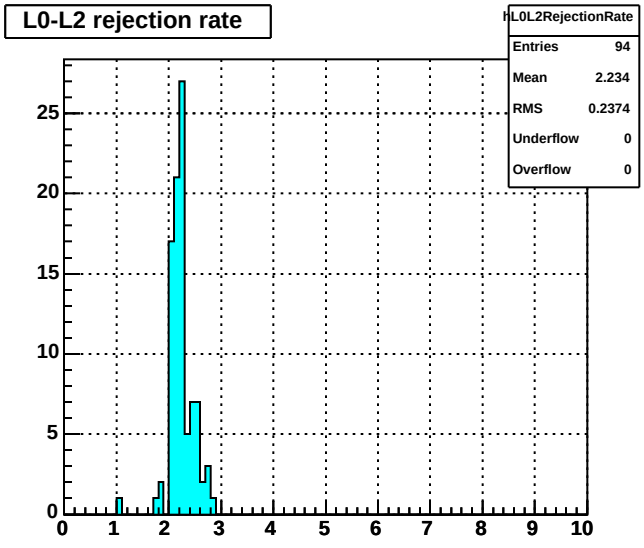

Energy of L2 cluster
hEnergyOfClusterL2
Entries 94
Mean 3.569
RMS 0.5218
Underflow 0
Overflow 0
χ² / ndf 4.641 / 9
Constant 8.158 ± 0.888
Slope -1.587 ± 0.248
E [GeV]

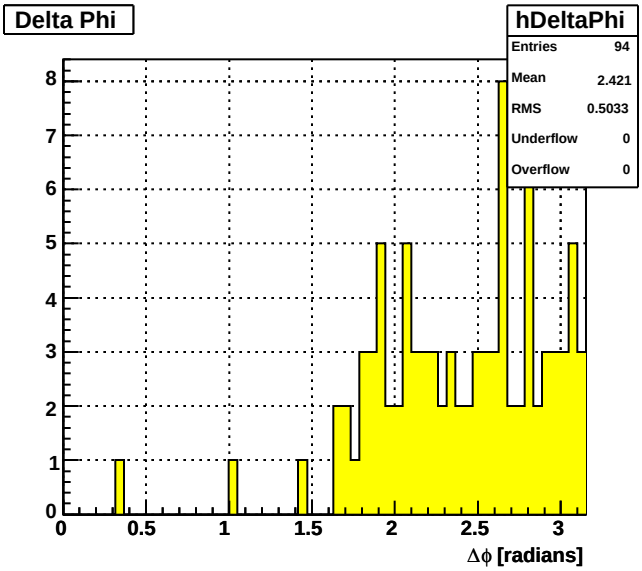

Invariant mass
hInvMass
Entries 94
Mean 9.016
RMS 1.429
Underflow 0
Overflow 1
m_{ee} [GeV/c^2]

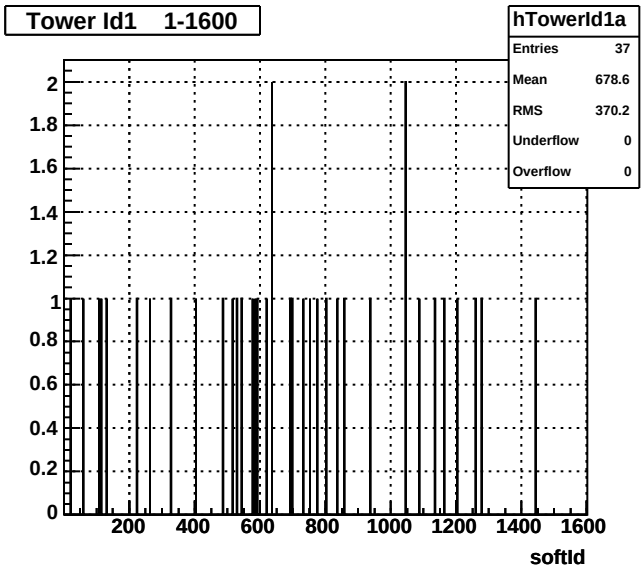

Opening angle
hCosTheta
Entries 94
Mean -0.5549
RMS 0.289
Underflow 0
Overflow 0
cos θ

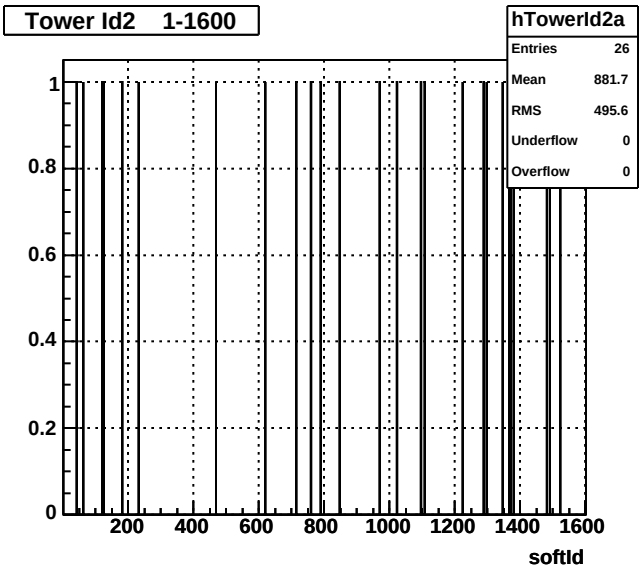

Number of hot towers
number of hot towers
events seen

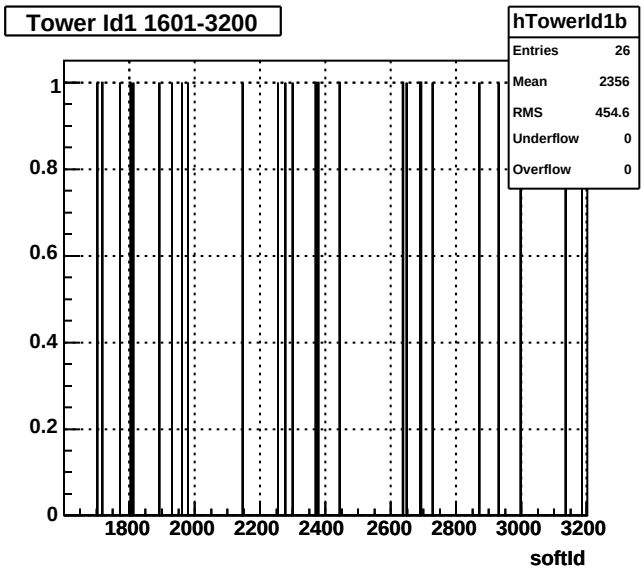

L2 processing time
hTime
Entries 94
Mean 285.8
RMS 62.05
Underflow 0
Overflow 10
time [μs]

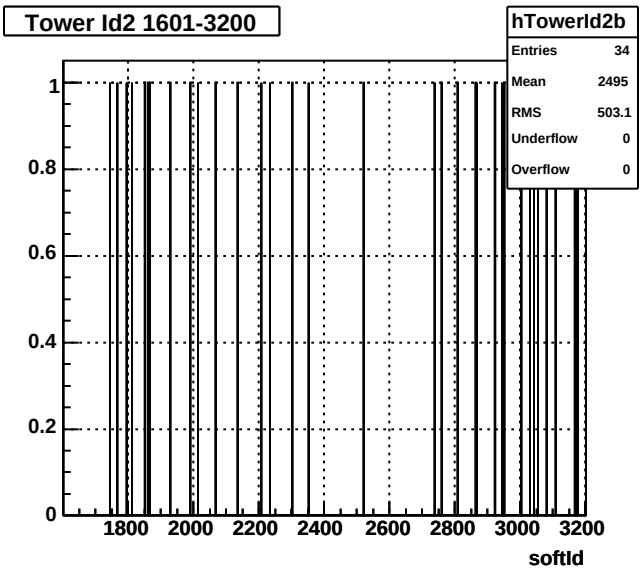

L0-L2 rejection rate
hL0L2RejectionRate
Entries 94
Mean 2.234
RMS 0.2374
Underflow 0
Overflow 0

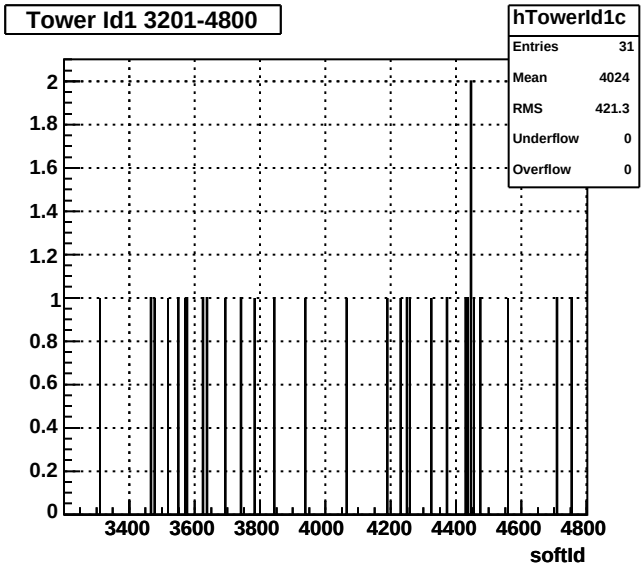

Delta Phi
hDeltaPhi
Entries 94
Mean 2.421
RMS 0.5033
Underflow 0
Overflow 0
Δφ [radians]

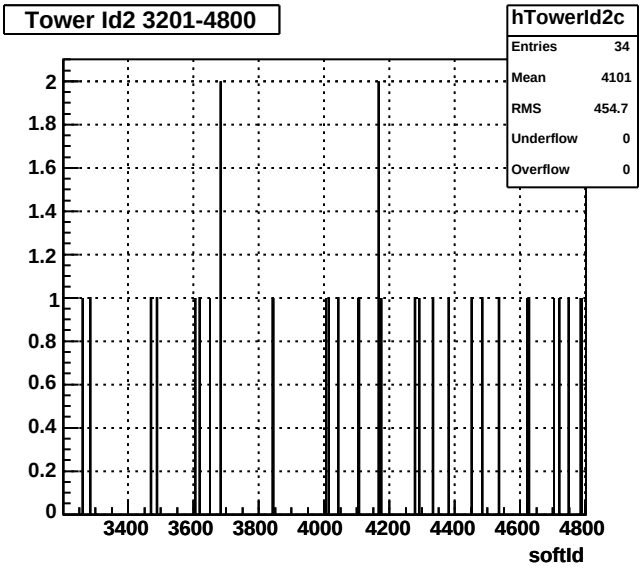

Tower Id1 1-1600
hTowerId1a
Entries 37
Mean 678.6
RMS 370.2
Underflow 0
Overflow 0
softId

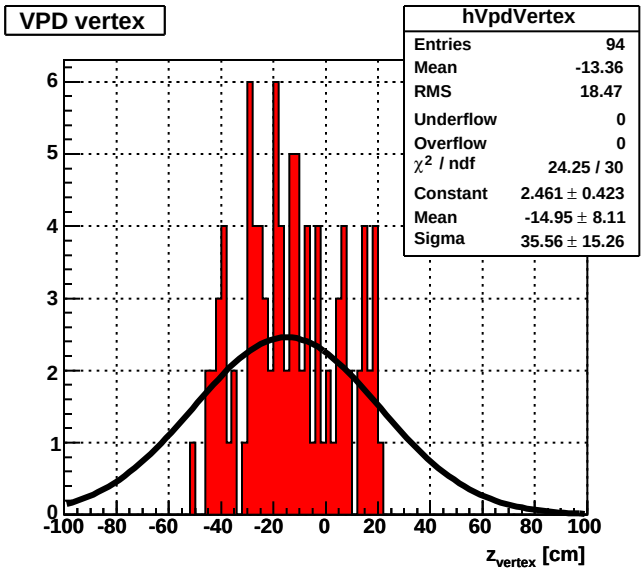

Tower Id2 1-1600
hTowerId2a
Entries 26
Mean 881.7
RMS 495.6
Underflow 0
Overflow 0
softId

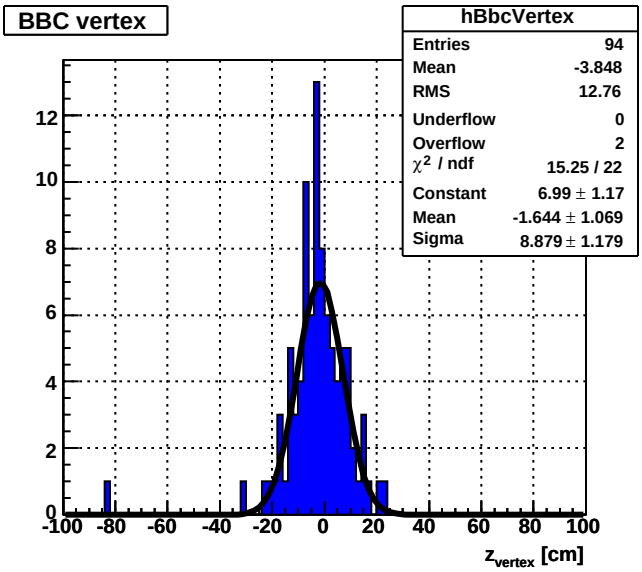

Tower Id1 1601-3200
hTowerId1b
Entries 26
Mean 2356
RMS 454.6
Underflow 0
Overflow 0
softId

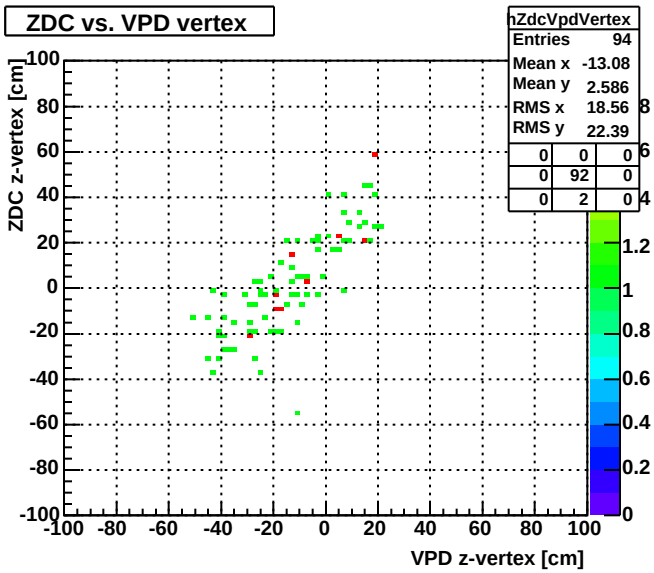

Tower Id2 1601-3200
hTowerId2b
Entries 34
Mean 2495
RMS 503.1
Underflow 0
Overflow 0
softId

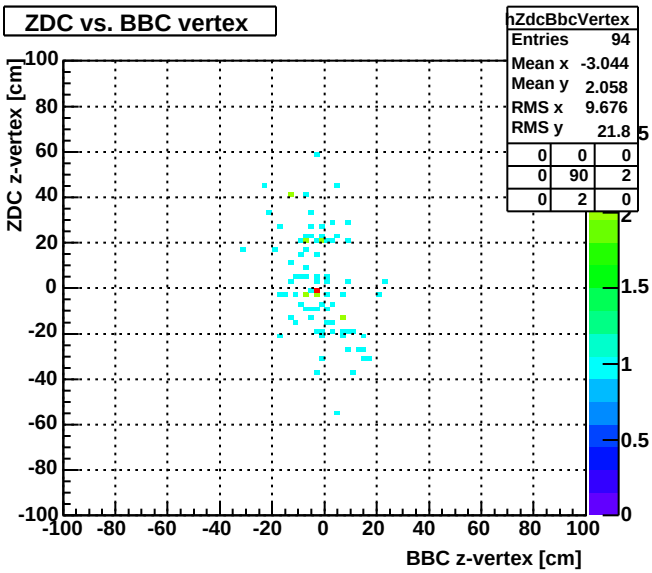

Tower Id1 3201-4800
hTowerId1c
Entries 31
Mean 4024
RMS 421.3
Underflow 0
Overflow 0
softId

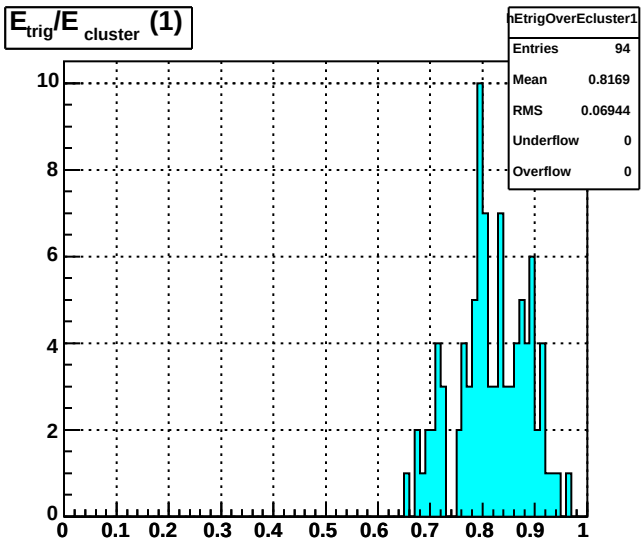

Tower Id2 3201-4800
hTowerId2c
Entries 34
Mean 4101
RMS 454.7
Underflow 0
Overflow 0
softId

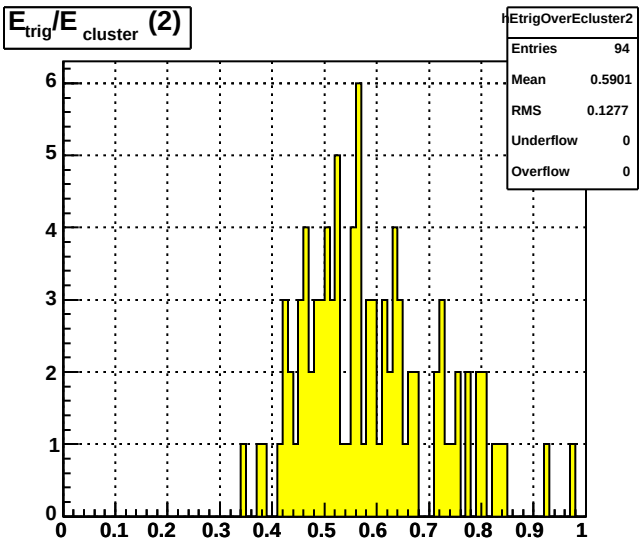

VPD vertex
hVpdVertex
Entries 94
Mean -13.36
RMS 18.47
Underflow 0
Overflow 0
χ² / ndf 24.25 / 30
Constant 2.461 ± 0.423
Mean -14.95 ± 8.11
Sigma 35.56 ± 15.26
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 94
Mean -3.848
RMS 12.76
Underflow 0
Overflow 2
χ² / ndf 15.25 / 22
Constant 6.99 ± 1.17
Mean -1.644 ± 1.069
Sigma 8.879 ± 1.179
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 94
Mean x -13.08
Mean y 2.586
RMS x 18.56
RMS y 22.39
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 94
Mean x -3.044
Mean y 2.058
RMS x 9.676
RMS y 21.8
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 94
Mean 0.8169
RMS 0.06944
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 94
Mean 0.5901
RMS 0.1277
Underflow 0
Overflow 0