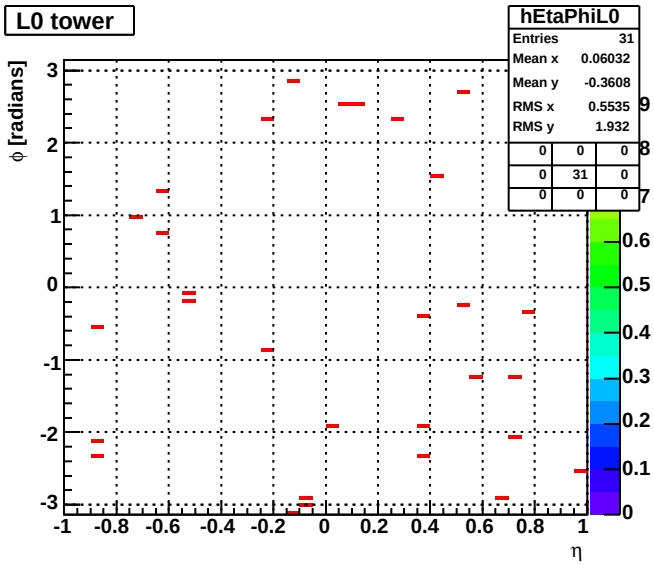
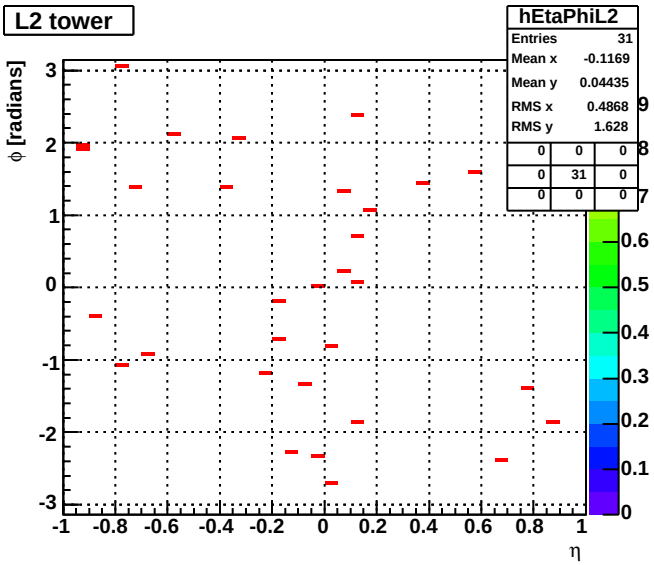
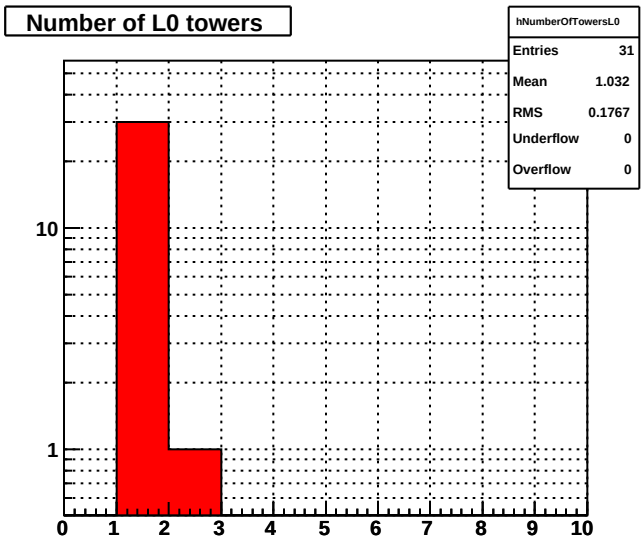
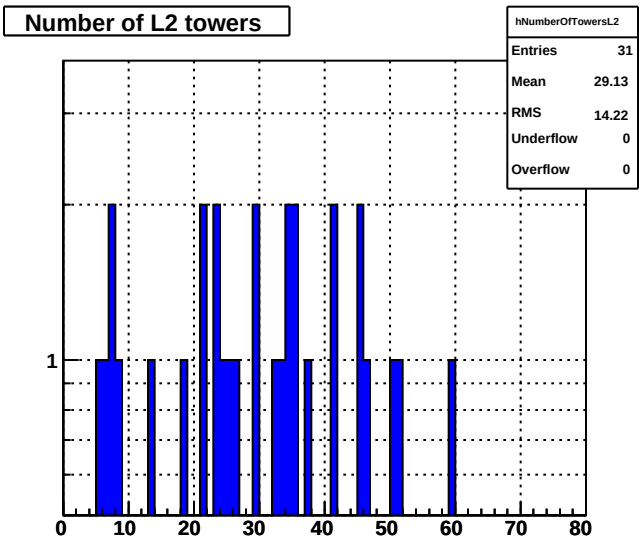
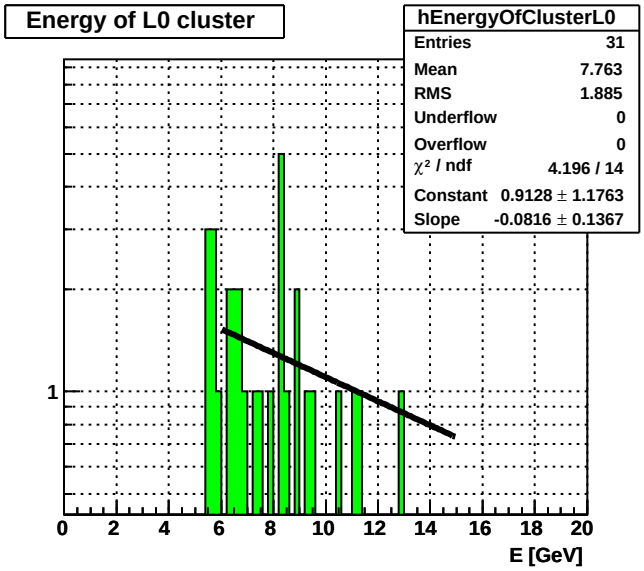
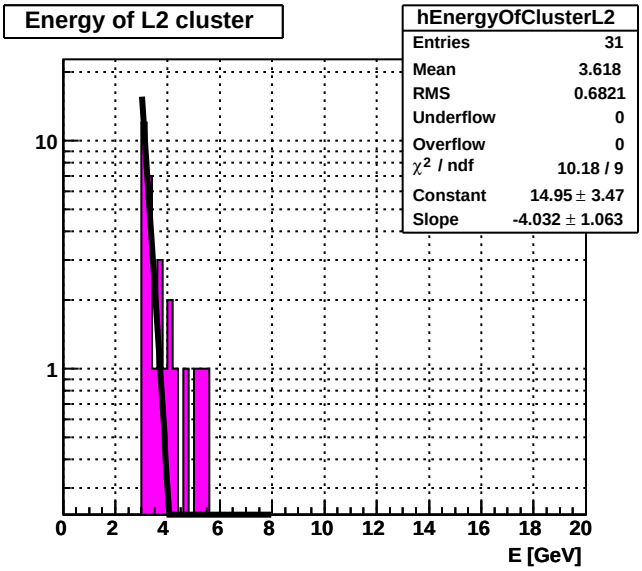

L0 tower
hEtaPhiL0
Entries 31
Mean x 0.06032
Mean y -0.3608
RMS x 0.5535
RMS y 1.932
φ [radians]
η

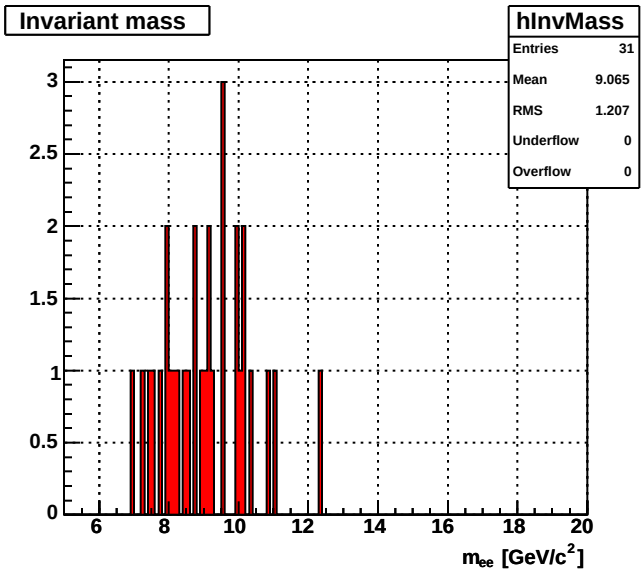

L2 tower
hEtaPhiL2
Entries 31
Mean x -0.1169
Mean y 0.04435
RMS x 0.4868
RMS y 1.628
φ [radians]
η

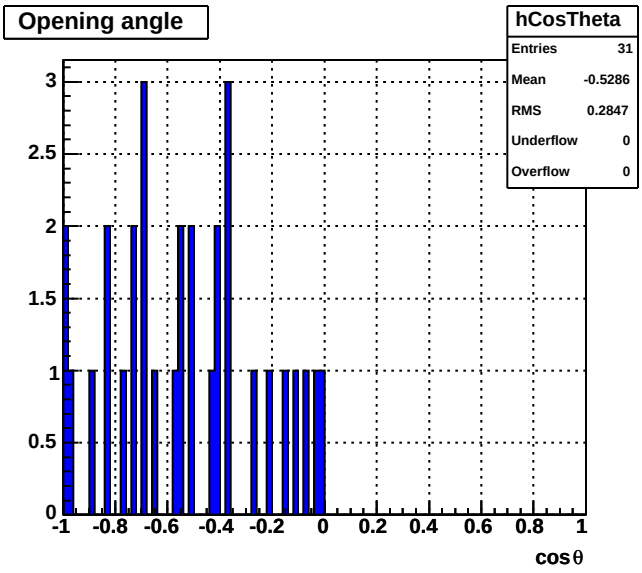

Number of L0 towers
hNumberOfTowersL0
Entries 31
Mean 1.032
RMS 0.1767
Underflow 0
Overflow 0

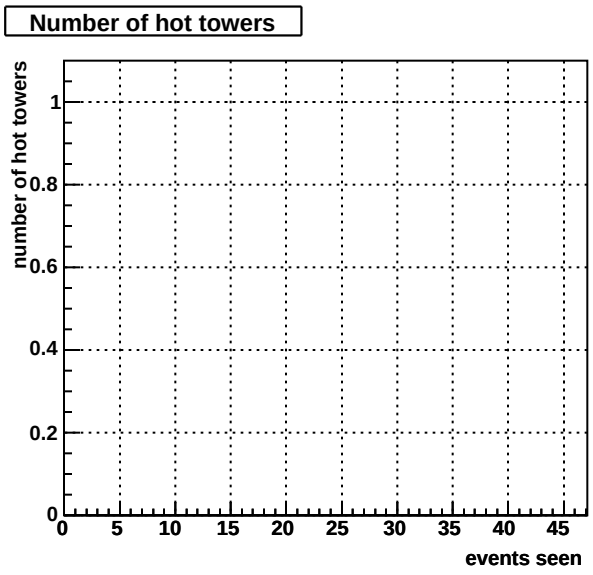

Number of L2 towers
hNumberOfTowersL2
Entries 31
Mean 29.13
RMS 14.22
Underflow 0
Overflow 0

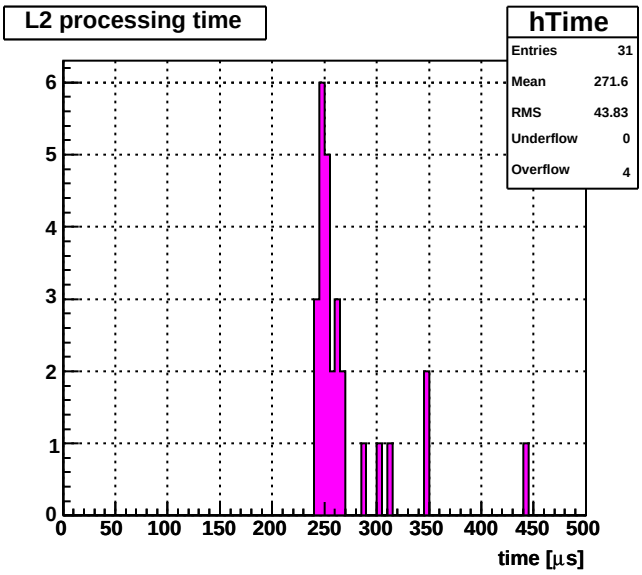

Energy of L0 cluster
hEnergyOfClusterL0
Entries 31
Mean 7.763
RMS 1.885
Underflow 0
Overflow 0
χ² / ndf 4.196 / 14
Constant 0.9128 ± 1.1763
Slope -0.0816 ± 0.1367
E [GeV]

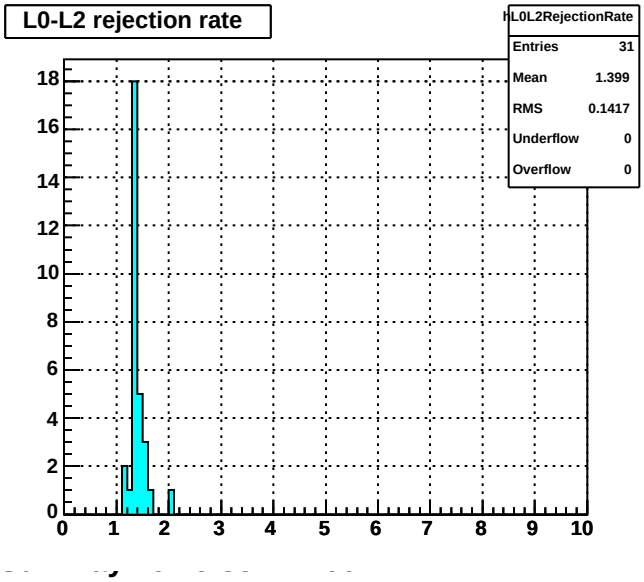

Energy of L2 cluster
hEnergyOfClusterL2
Entries 31
Mean 3.618
RMS 0.6821
Underflow 0
Overflow 0
χ² / ndf 10.18 / 9
Constant 14.95 ± 3.47
Slope -4.032 ± 1.063
E [GeV]

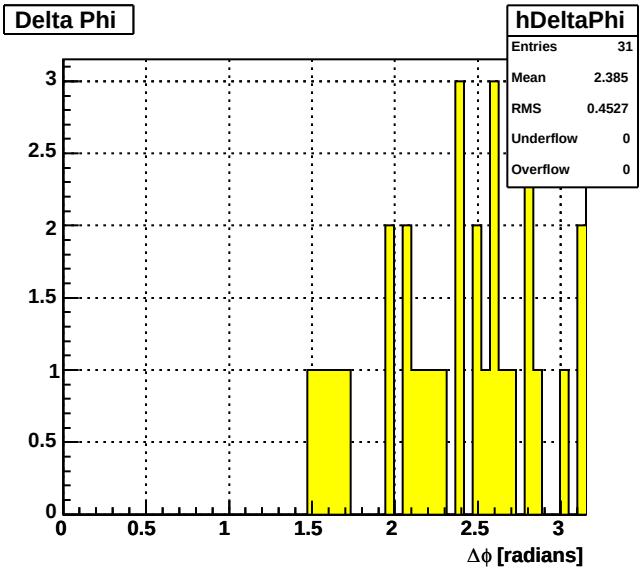

Invariant mass
hInvMass
Entries 31
Mean 9.065
RMS 1.207
Underflow 0
Overflow 0
$m_{ee}$ [GeV/$c^2$]

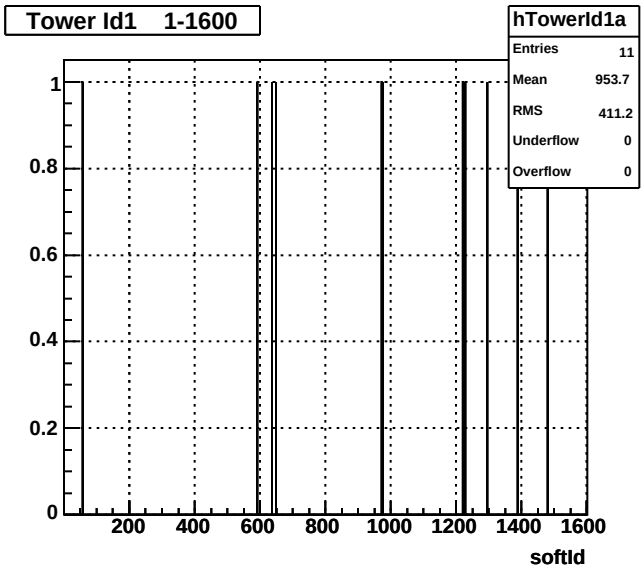

Opening angle
hCosTheta
Entries 31
Mean -0.5286
RMS 0.2847
Underflow 0
Overflow 0
cos θ

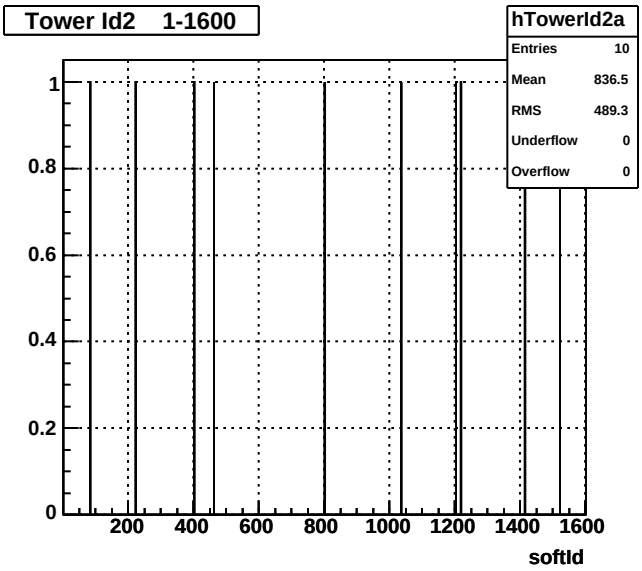

Number of hot towers
number of hot towers
events seen

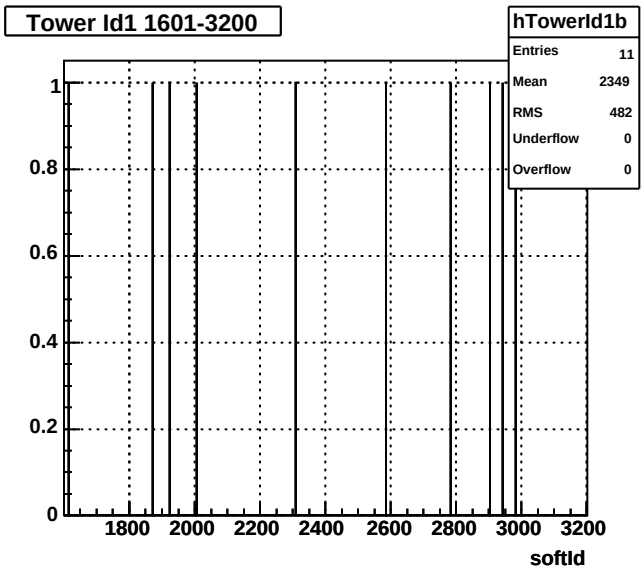

L2 processing time
hTime
Entries 31
Mean 271.6
RMS 43.83
Underflow 0
Overflow 4
time [μs]

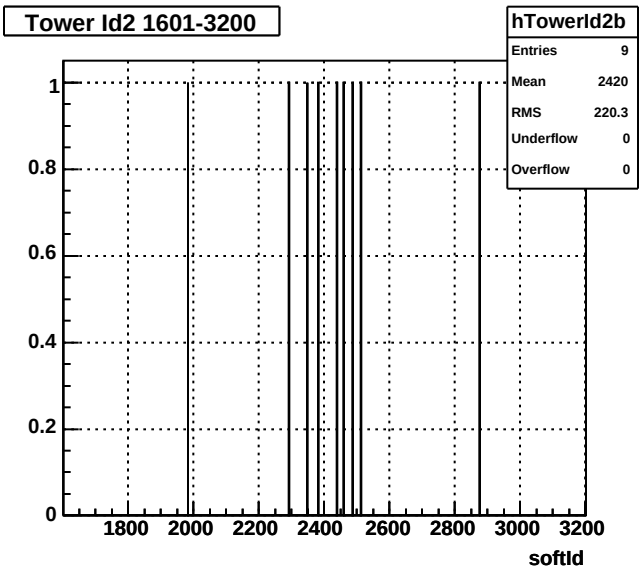

L0-L2 rejection rate
hL0L2RejectionRate
Entries 31
Mean 1.399
RMS 0.1417
Underflow 0
Overflow 0

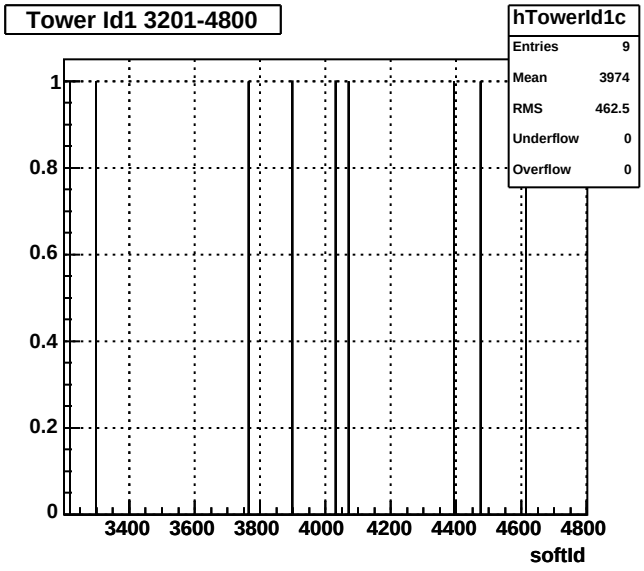

Delta Phi
hDeltaPhi
Entries 31
Mean 2.385
RMS 0.4527
Underflow 0
Overflow 0
Δφ [radians]

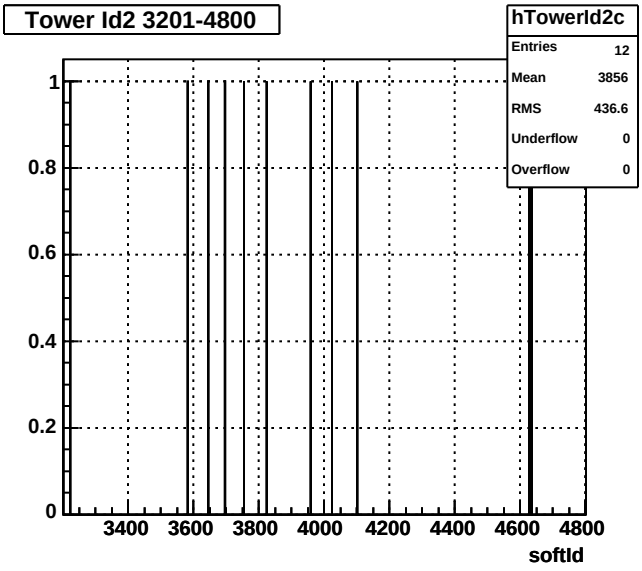

Tower Id1 1-1600
hTowerId1a
Entries 11
Mean 953.7
RMS 411.2
Underflow 0
Overflow 0
softId

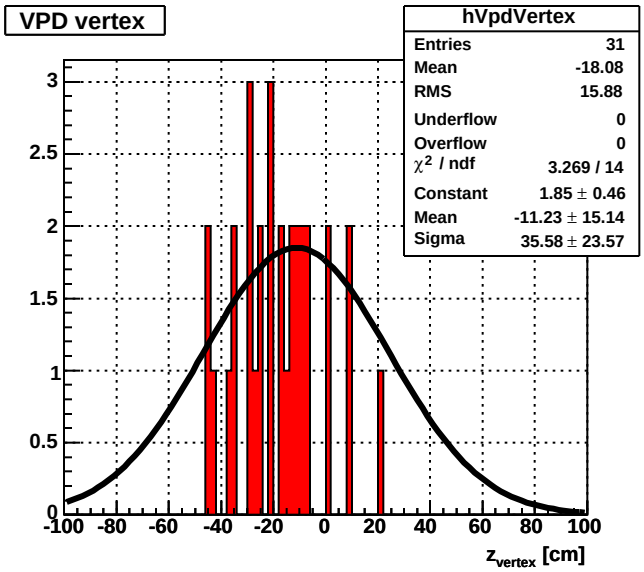

Tower Id2 1-1600
hTowerId2a
Entries 10
Mean 836.5
RMS 489.3
Underflow 0
Overflow 0
softId

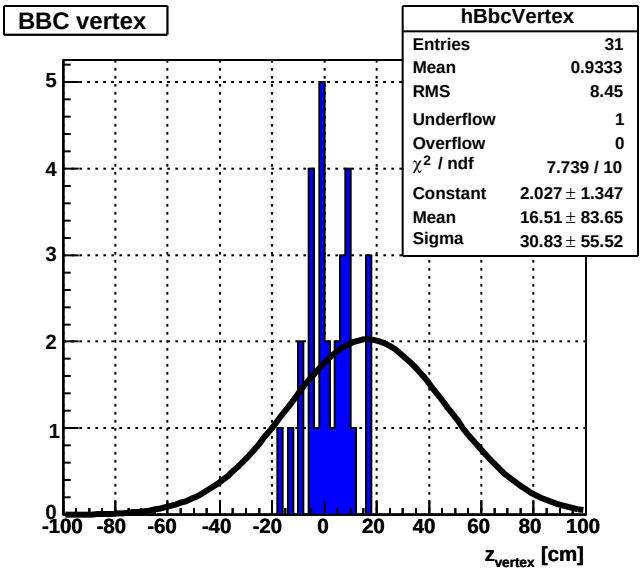

Tower Id1 1601-3200
hTowerId1b
Entries 11
Mean 2349
RMS 482
Underflow 0
Overflow 0
softId

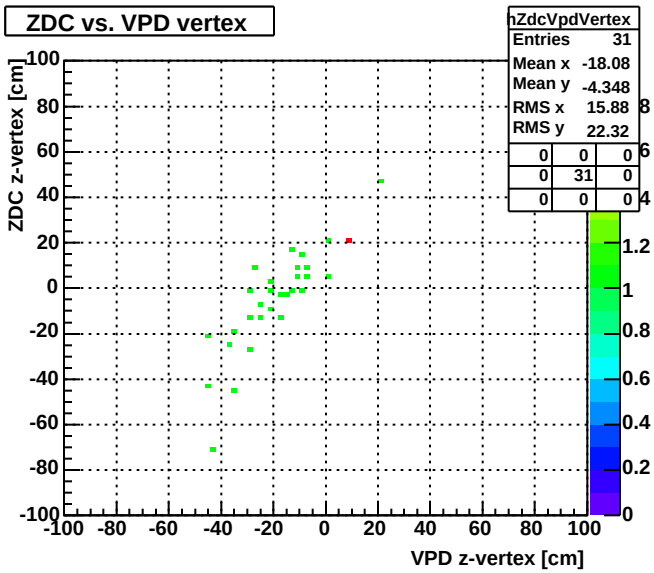

Tower Id2 1601-3200
hTowerId2b
Entries 9
Mean 2420
RMS 220.3
Underflow 0
Overflow 0
softId

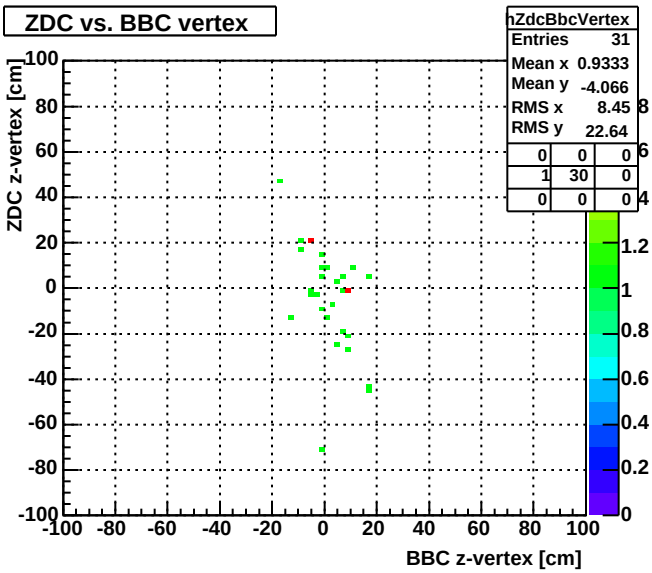

Tower Id1 3201-4800
hTowerId1c
Entries 9
Mean 3974
RMS 462.5
Underflow 0
Overflow 0
softId

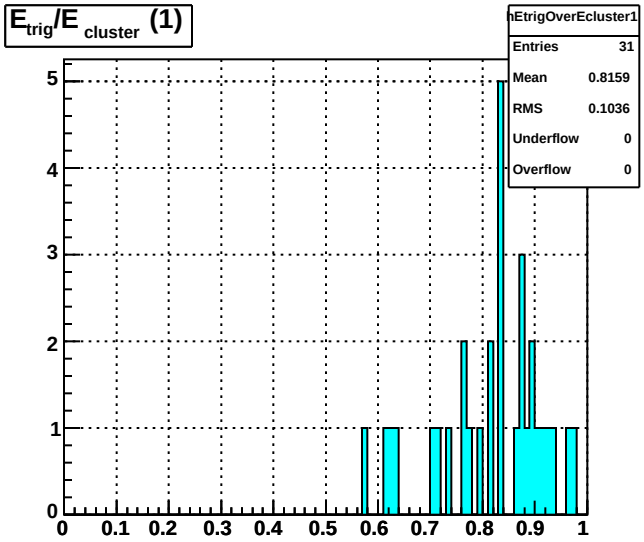

Tower Id2 3201-4800
hTowerId2c
Entries 12
Mean 3856
RMS 436.6
Underflow 0
Overflow 0
softId

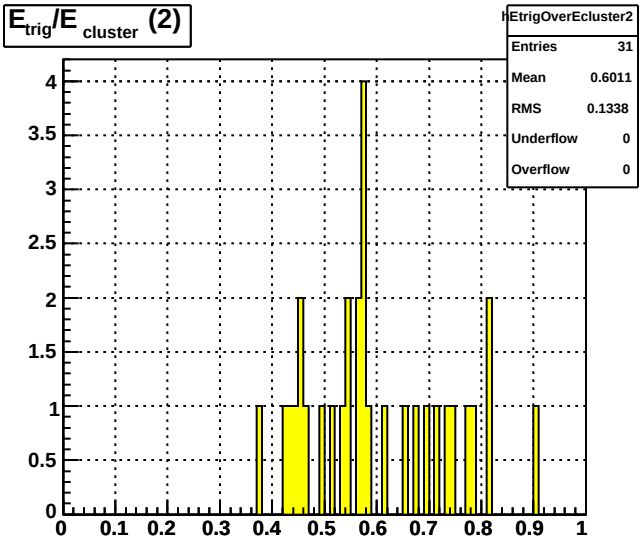

VPD vertex
hVpdVertex
Entries 31
Mean -18.08
RMS 15.88
Underflow 0
Overflow 0
χ² / ndf 3.269 / 14
Constant 1.85 ± 0.46
Mean -11.23 ± 15.14
Sigma 35.58 ± 23.57
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 31
Mean 0.9333
RMS 8.45
Underflow 1
Overflow 0
χ² / ndf 7.739 / 10
Constant 2.027 ± 1.347
Mean 16.51 ± 83.65
Sigma 30.83 ± 55.52
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 31
Mean x -18.08
Mean y -4.348
RMS x 15.88
RMS y 22.32
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 31
Mean x 0.9333
Mean y -4.066
RMS x 8.45
RMS y 22.64
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 31
Mean 0.8159
RMS 0.1036
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 31
Mean 0.6011
RMS 0.1338
Underflow 0
Overflow 0