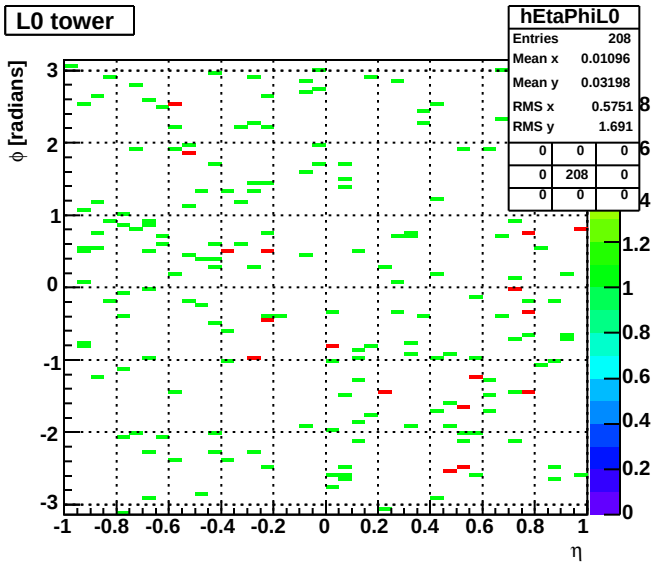
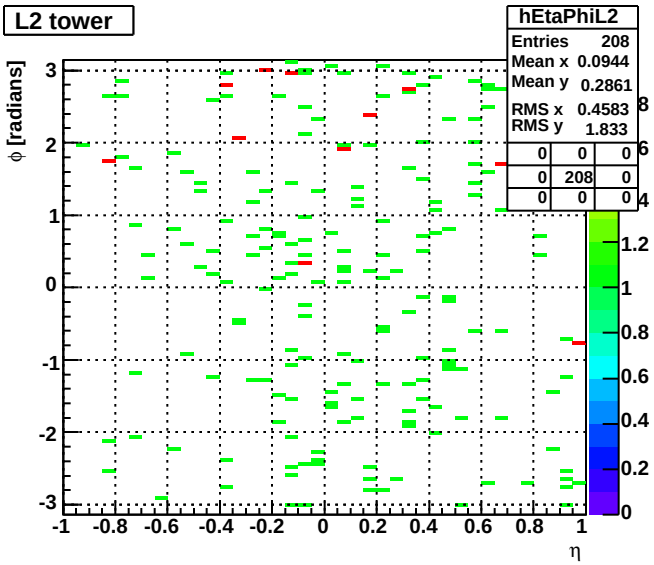
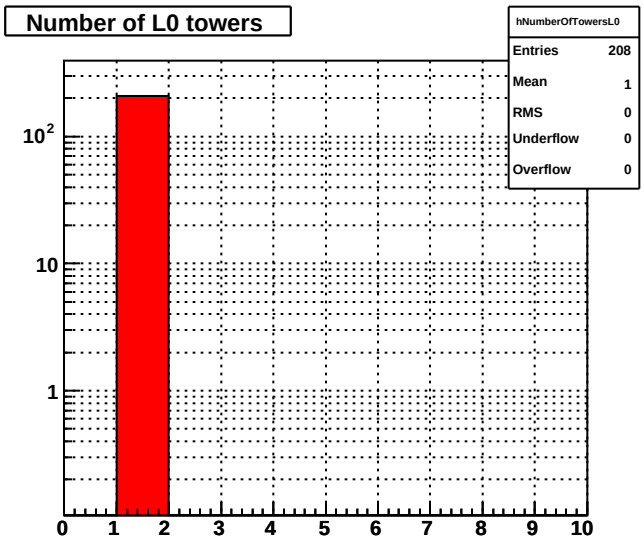
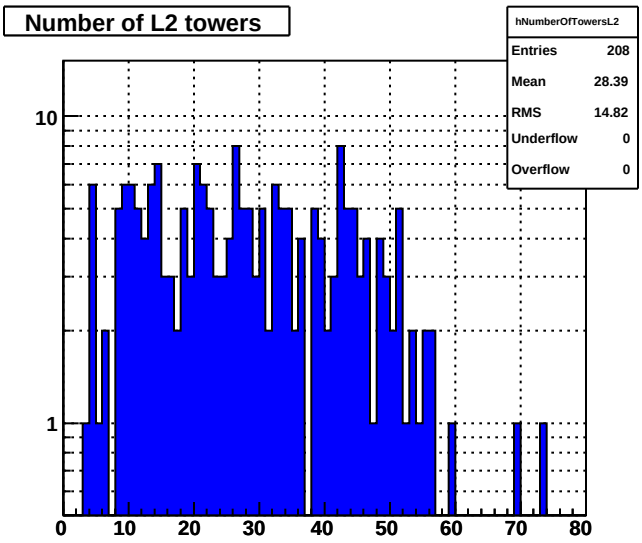
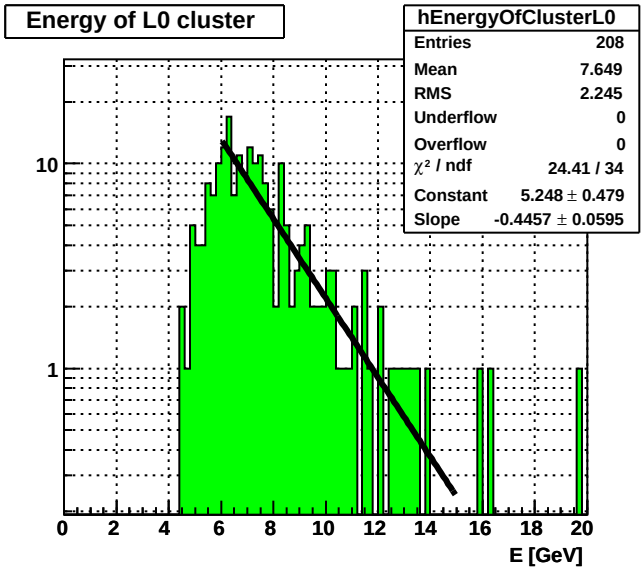
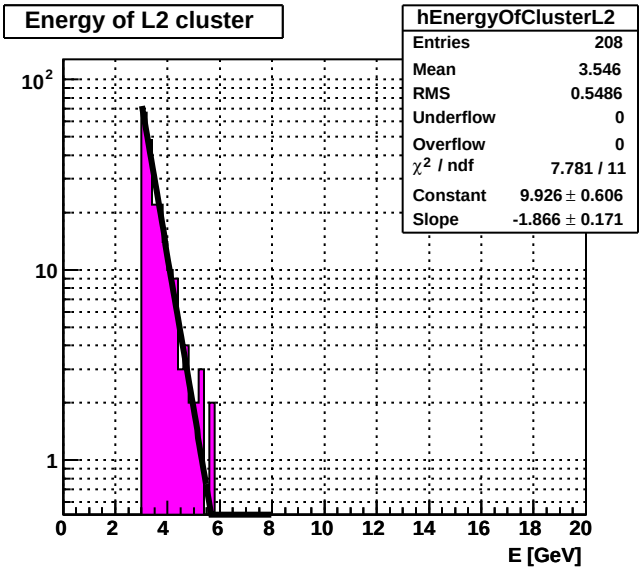

L0 tower
hEtaPhiL0
Entries 208
Mean x 0.01096
Mean y 0.03198
RMS x 0.5751
RMS y 1.691
φ [radians]
η

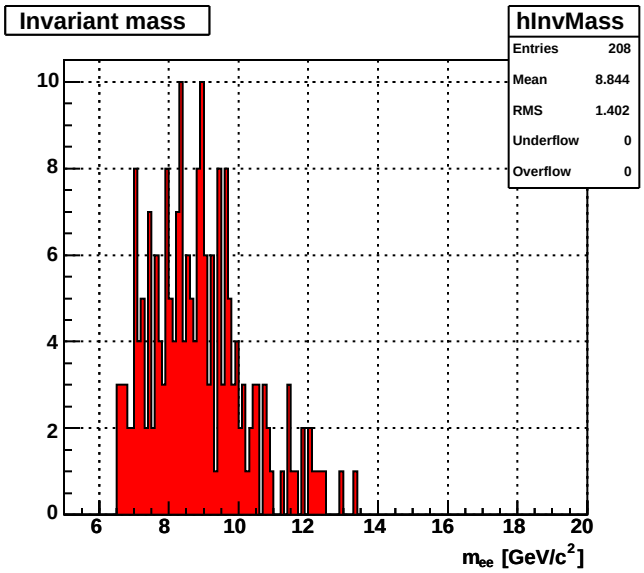

L2 tower
hEtaPhiL2
Entries 208
Mean x 0.0944
Mean y 0.2861
RMS x 0.4583
RMS y 1.833
φ [radians]
η

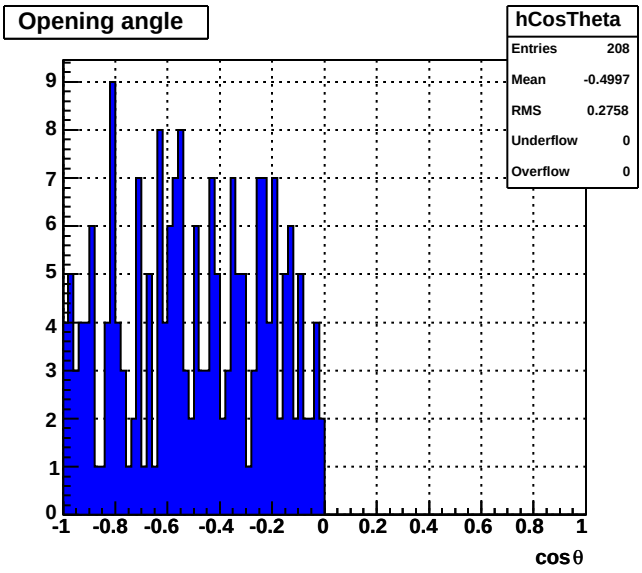

Number of L0 towers
hNumberOfTowersL0
Entries 208
Mean 1
RMS 0
Underflow 0
Overflow 0

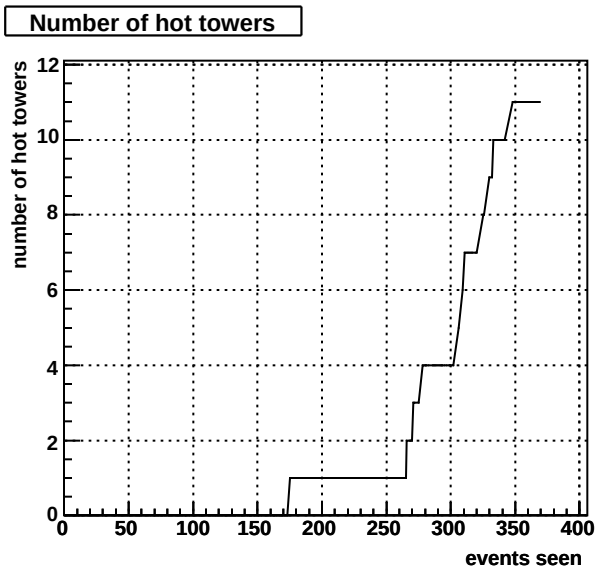

Number of L2 towers
hNumberOfTowersL2
Entries 208
Mean 28.39
RMS 14.82
Underflow 0
Overflow 0

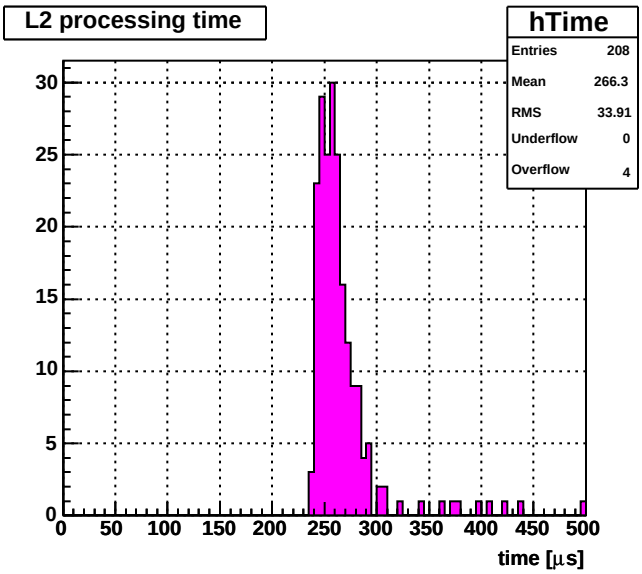

Energy of L0 cluster
hEnergyOfClusterL0
Entries 208
Mean 7.649
RMS 2.245
Underflow 0
Overflow 0
χ² / ndf 24.41 / 34
Constant 5.248 ± 0.479
Slope -0.4457 ± 0.0595
E [GeV]

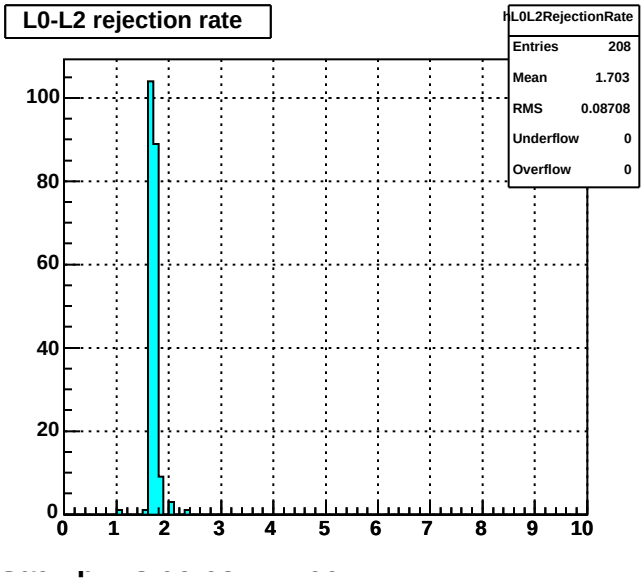

Energy of L2 cluster
hEnergyOfClusterL2
Entries 208
Mean 3.546
RMS 0.5486
Underflow 0
Overflow 0
χ² / ndf 7.781 / 11
Constant 9.926 ± 0.606
Slope -1.866 ± 0.171
E [GeV]

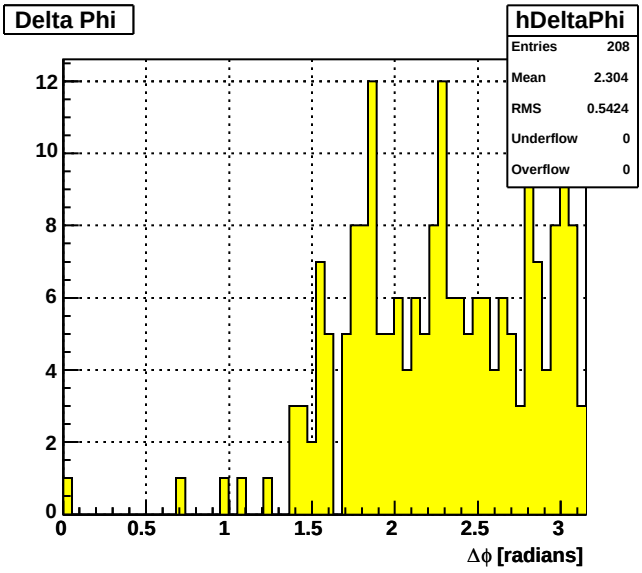

Invariant mass
hInvMass
Entries 208
Mean 8.844
RMS 1.402
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

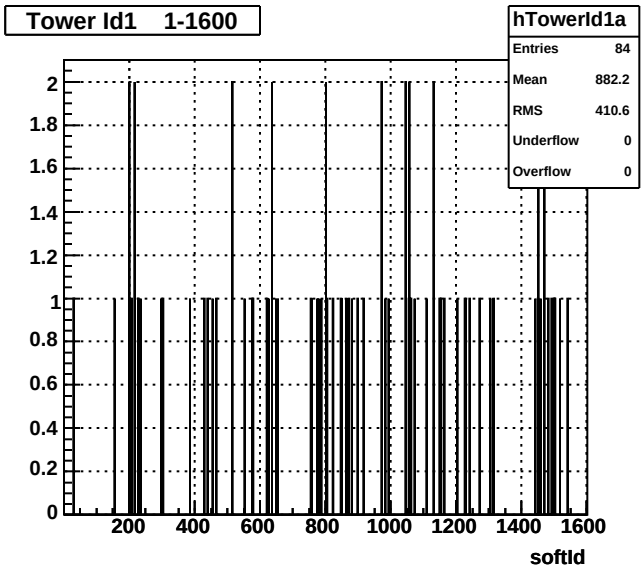

Opening angle
hCosTheta
Entries 208
Mean -0.4997
RMS 0.2758
Underflow 0
Overflow 0
cos θ

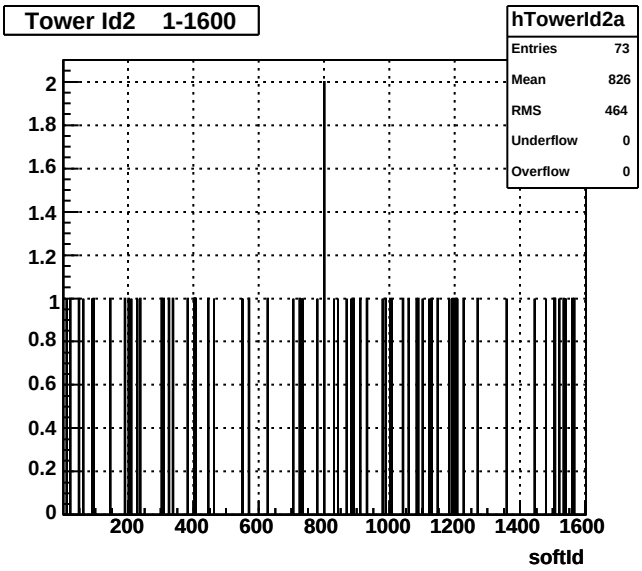

Number of hot towers
number of hot towers
events seen

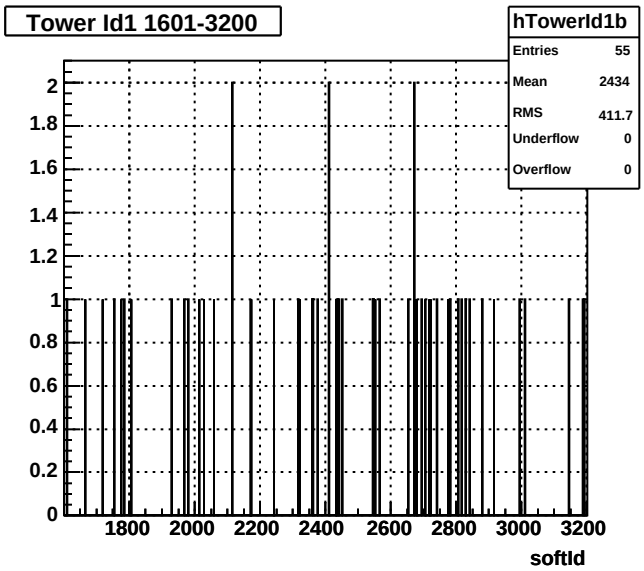

L2 processing time
hTime
Entries 208
Mean 266.3
RMS 33.91
Underflow 0
Overflow 4
time [μs]

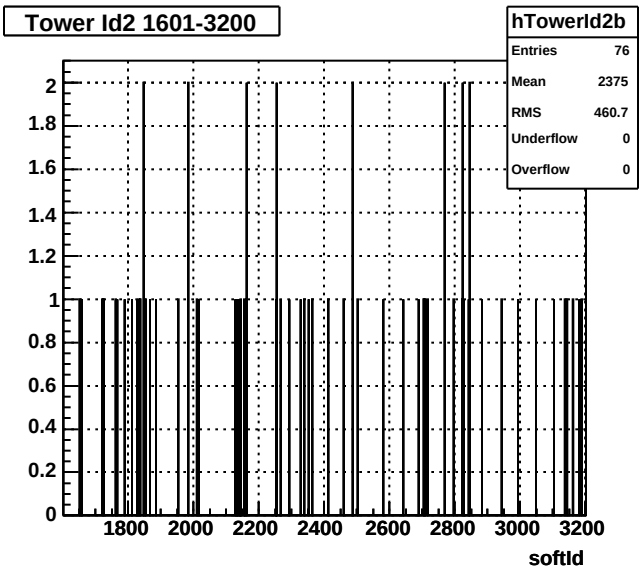

L0-L2 rejection rate
hL0L2RejectionRate
Entries 208
Mean 1.703
RMS 0.08708
Underflow 0
Overflow 0

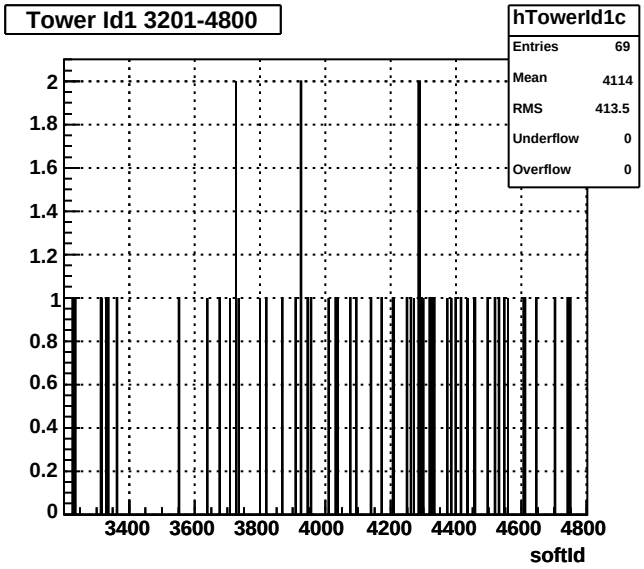

Delta Phi
hDeltaPhi
Entries 208
Mean 2.304
RMS 0.5424
Underflow 0
Overflow 0
Δφ [radians]

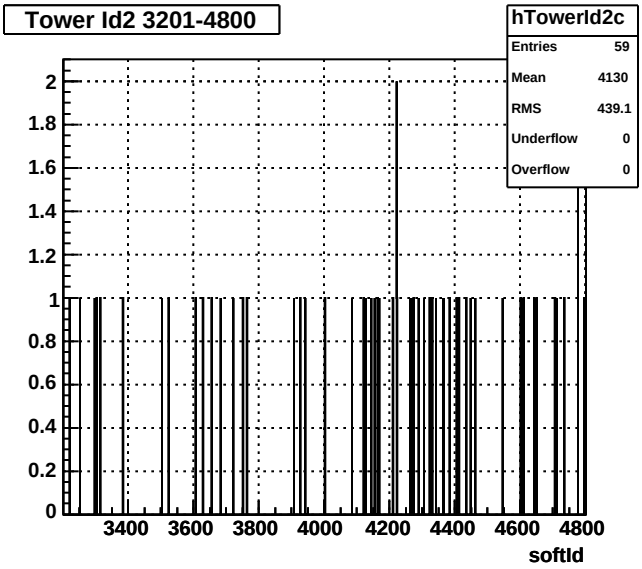

Tower Id1 1-1600
hTowerId1a
Entries 84
Mean 882.2
RMS 410.6
Underflow 0
Overflow 0
softId

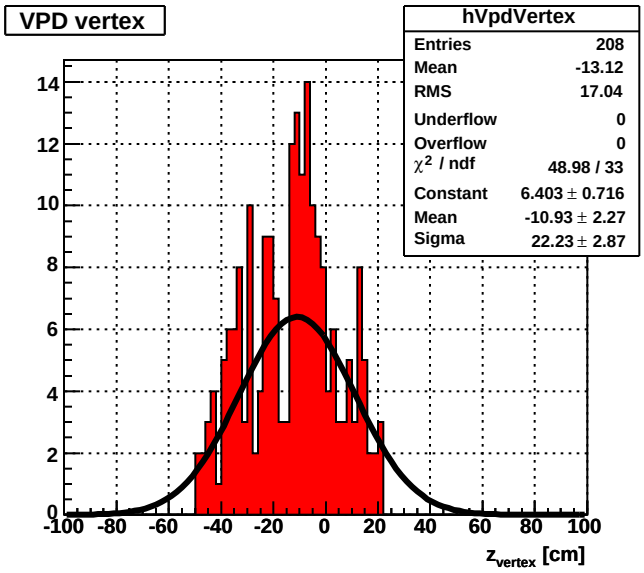

Tower Id2 1-1600
hTowerId2a
Entries 73
Mean 826
RMS 464
Underflow 0
Overflow 0
softId

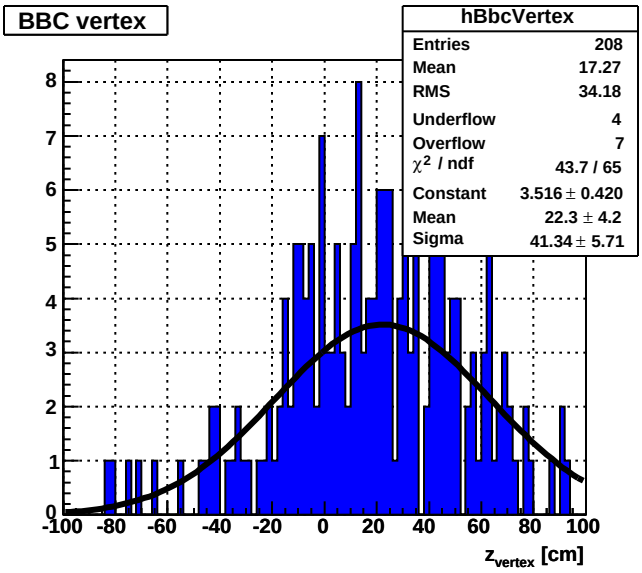

Tower Id1 1601-3200
hTowerId1b
Entries 55
Mean 2434
RMS 411.7
Underflow 0
Overflow 0
softId

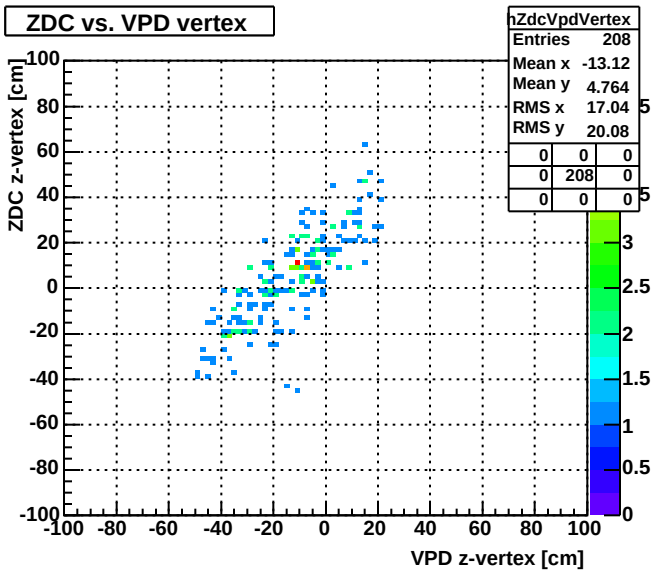

Tower Id2 1601-3200
hTowerId2b
Entries 76
Mean 2375
RMS 460.7
Underflow 0
Overflow 0
softId

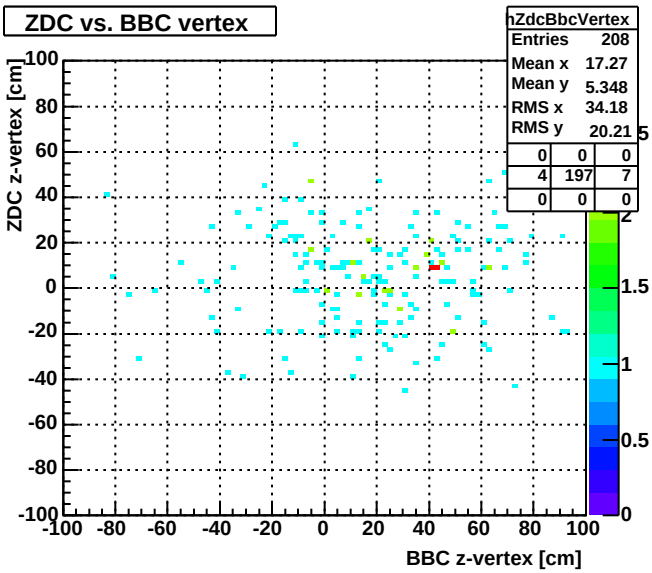

Tower Id1 3201-4800
hTowerId1c
Entries 69
Mean 4114
RMS 413.5
Underflow 0
Overflow 0
softId

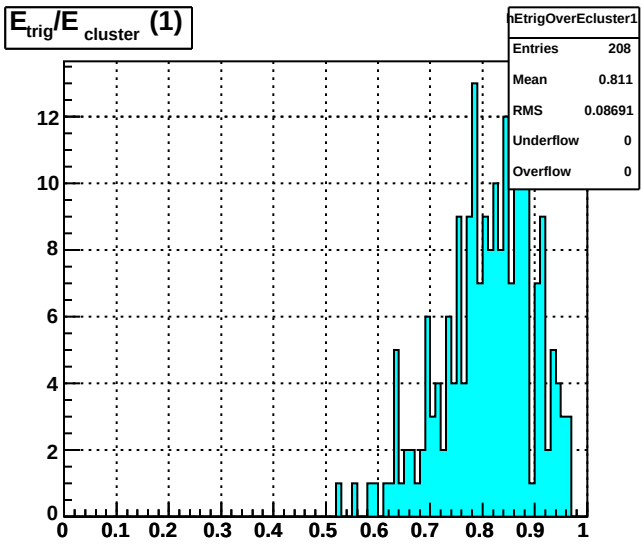

Tower Id2 3201-4800
hTowerId2c
Entries 59
Mean 4130
RMS 439.1
Underflow 0
Overflow 0
softId

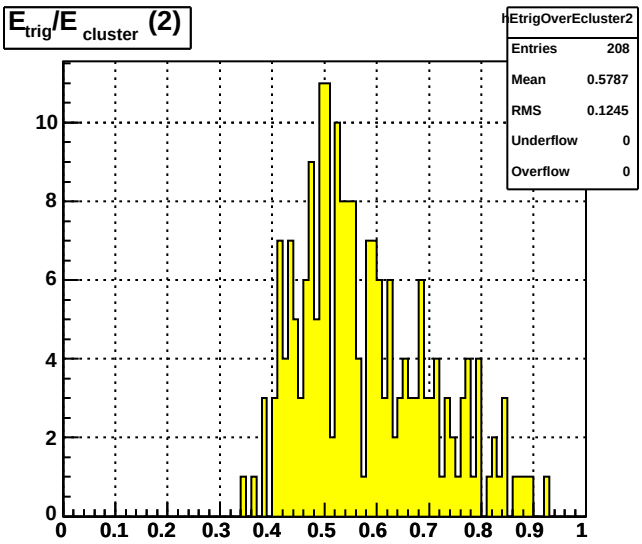

VPD vertex
hVpdVertex
Entries 208
Mean -13.12
RMS 17.04
Underflow 0
Overflow 0
χ² / ndf 48.98 / 33
Constant 6.403 ± 0.716
Mean -10.93 ± 2.27
Sigma 22.23 ± 2.87
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 208
Mean 17.27
RMS 34.18
Underflow 4
Overflow 7
χ² / ndf 43.7 / 65
Constant 3.516 ± 0.420
Mean 22.3 ± 4.2
Sigma 41.34 ± 5.71
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 208
Mean x -13.12
Mean y 4.764
RMS x 17.04
RMS y 20.08
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 208
Mean x 17.27
Mean y 5.348
RMS x 34.18
RMS y 20.21
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 208
Mean 0.811
RMS 0.08691
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 208
Mean 0.5787
RMS 0.1245
Underflow 0
Overflow 0