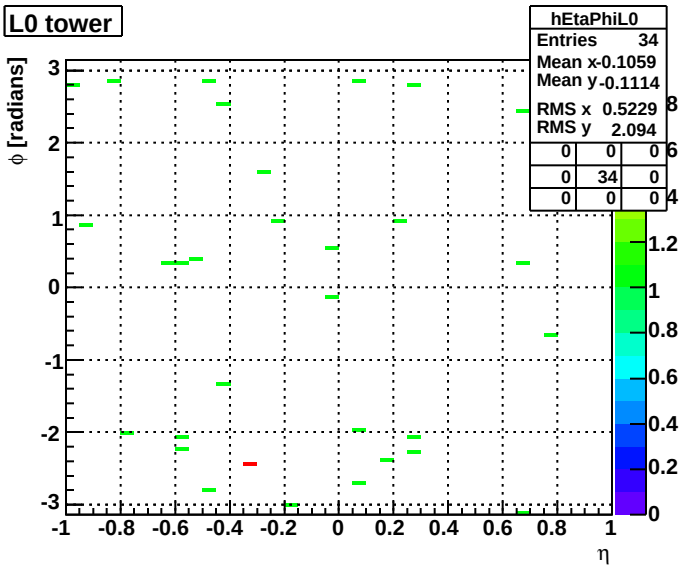
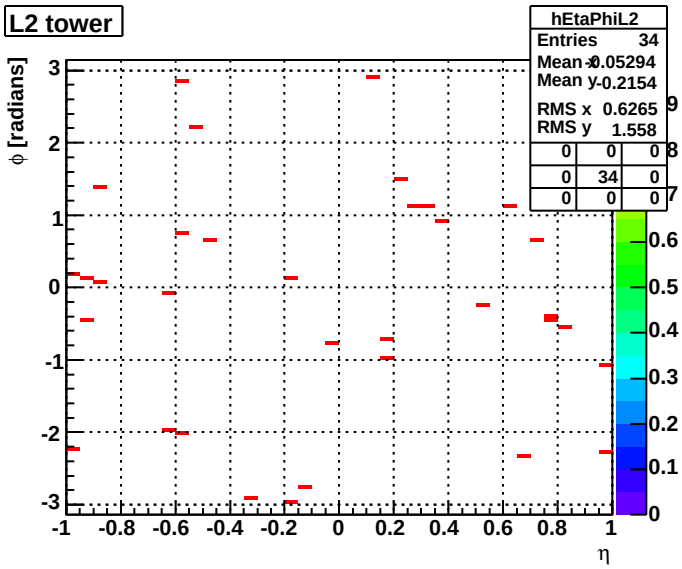
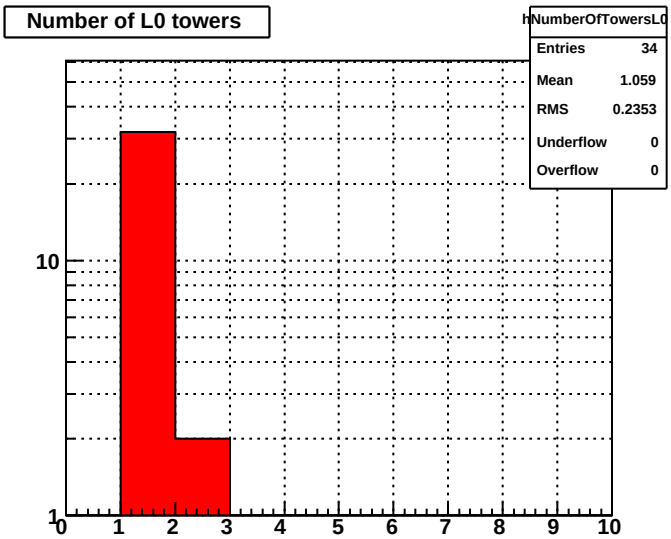
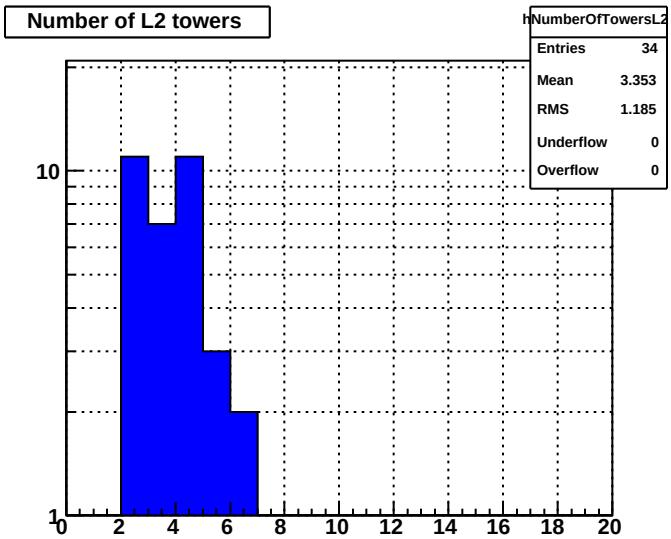
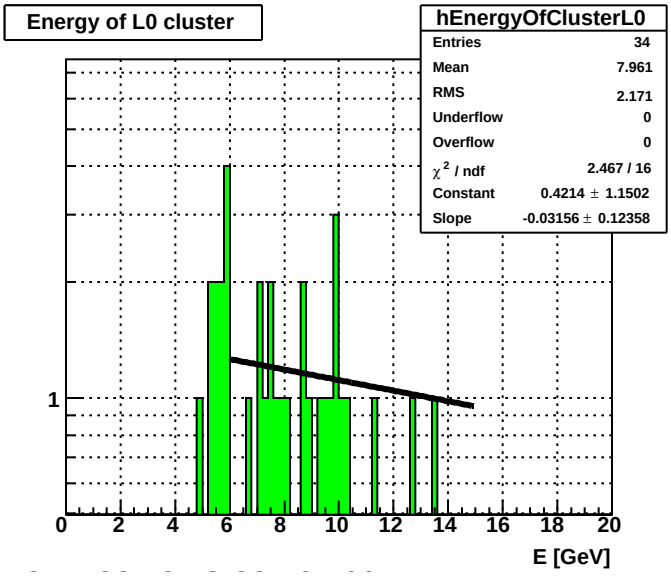
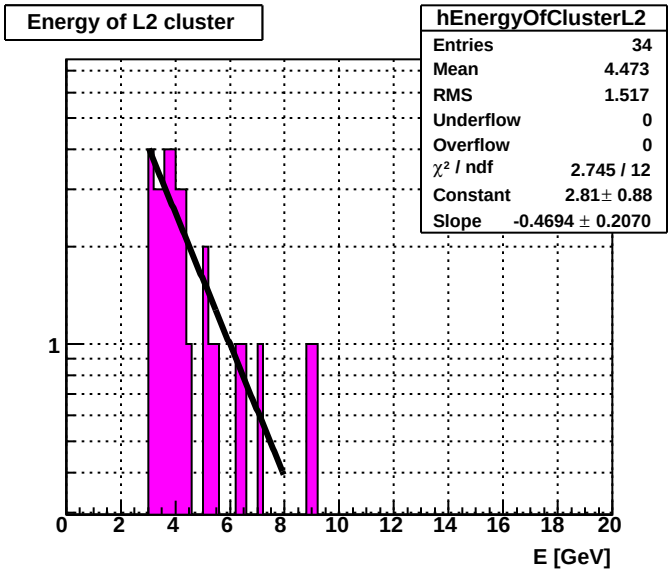

L0 tower
hEtaPhiL0
Entries 34
Mean x -0.1059
Mean y -0.1114
RMS x 0.5229
RMS y 2.094
φ [radians]
η

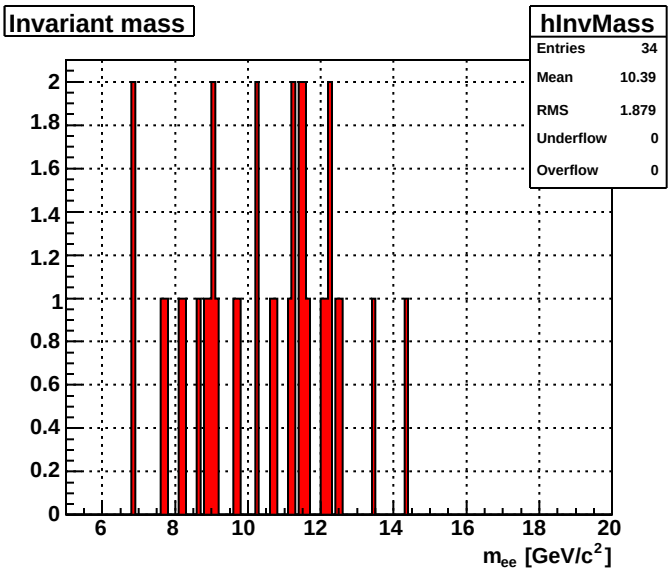

L2 tower
hEtaPhiL2
Entries 34
Mean x -0.05294
Mean y -0.2154
RMS x 0.6265
RMS y 1.558
φ [radians]
η

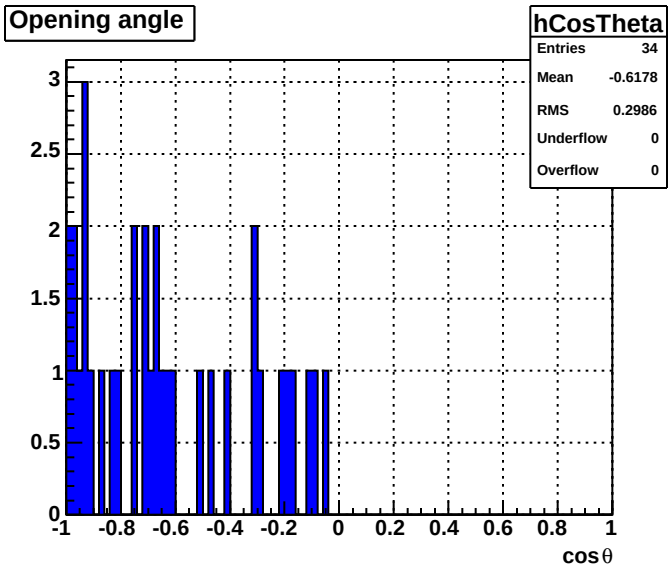

Number of L0 towers
hNumberOfTowersL0
Entries 34
Mean 1.059
RMS 0.2353
Underflow 0
Overflow 0

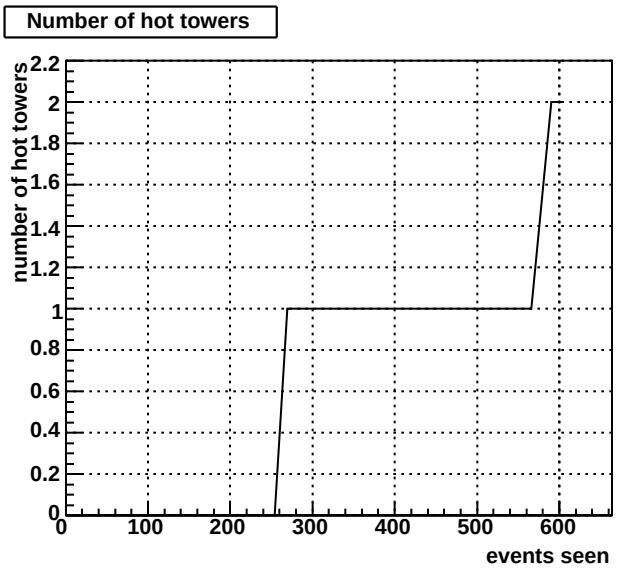

Number of L2 towers
hNumberOfTowersL2
Entries 34
Mean 3.353
RMS 1.185
Underflow 0
Overflow 0

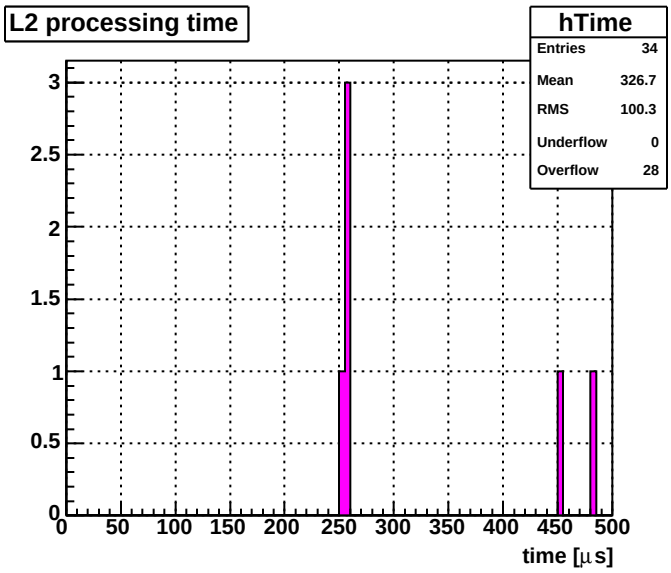

Energy of L0 cluster
hEnergyOfClusterL0
Entries 34
Mean 7.961
RMS 2.171
Underflow 0
Overflow 0
χ² / ndf 2.467 / 16
Constant 0.4214 ± 1.1502
Slope -0.03156 ± 0.12358
E [GeV]

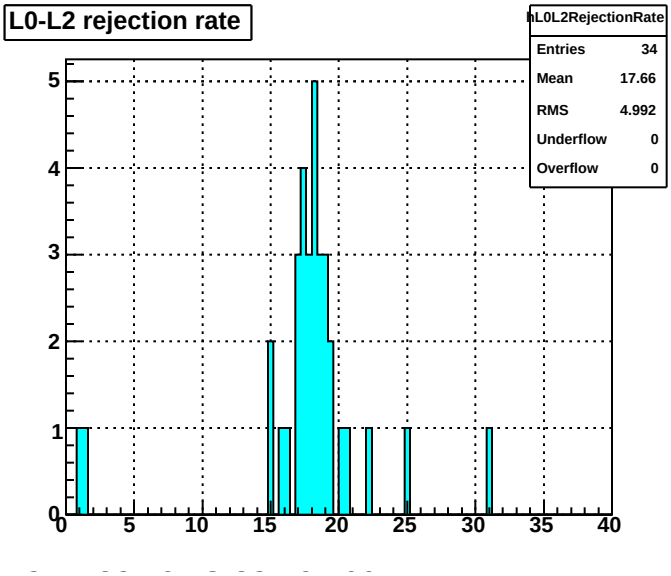

Energy of L2 cluster
hEnergyOfClusterL2
Entries 34
Mean 4.473
RMS 1.517
Underflow 0
Overflow 0
χ² / ndf 2.745 / 12
Constant 2.81 ± 0.88
Slope -0.4694 ± 0.2070
E [GeV]

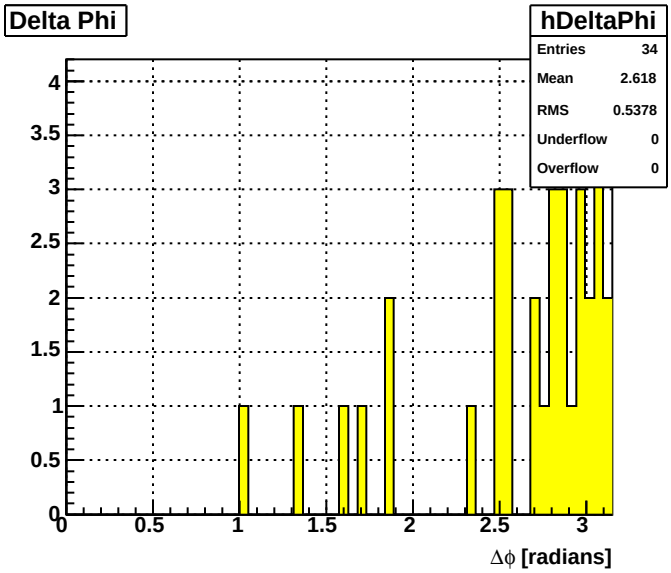

Invariant mass
hInvMass
Entries 34
Mean 10.39
RMS 1.879
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

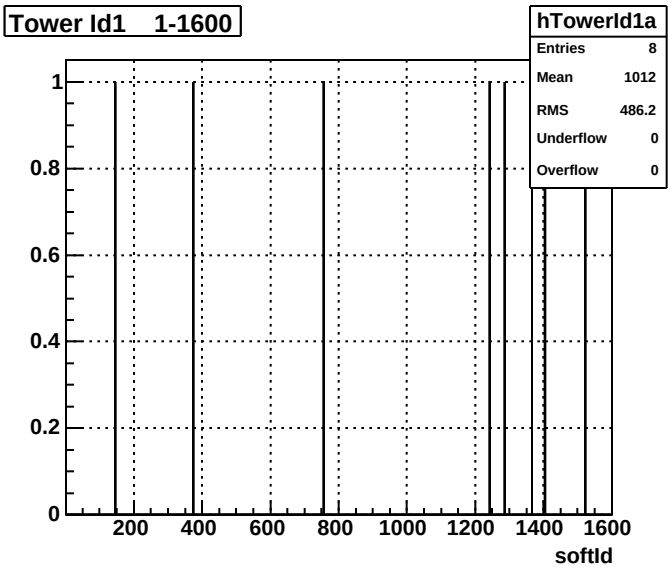

Opening angle
hCosTheta
Entries 34
Mean -0.6178
RMS 0.2986
Underflow 0
Overflow 0
cos θ

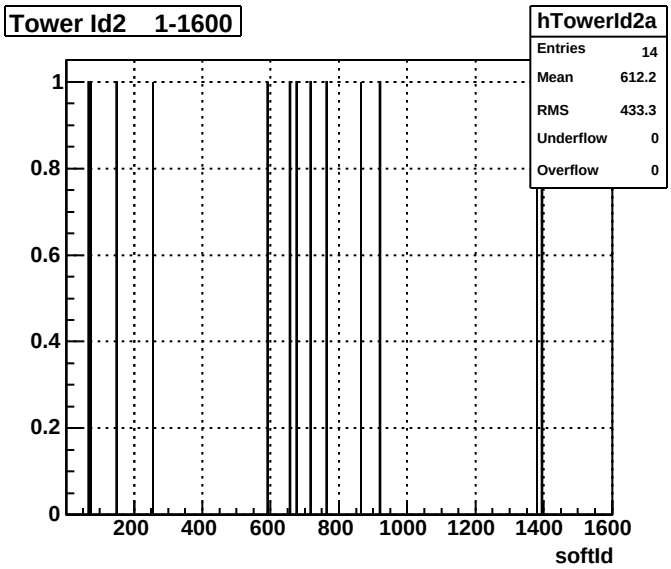

Number of hot towers
number of hot towers
events seen

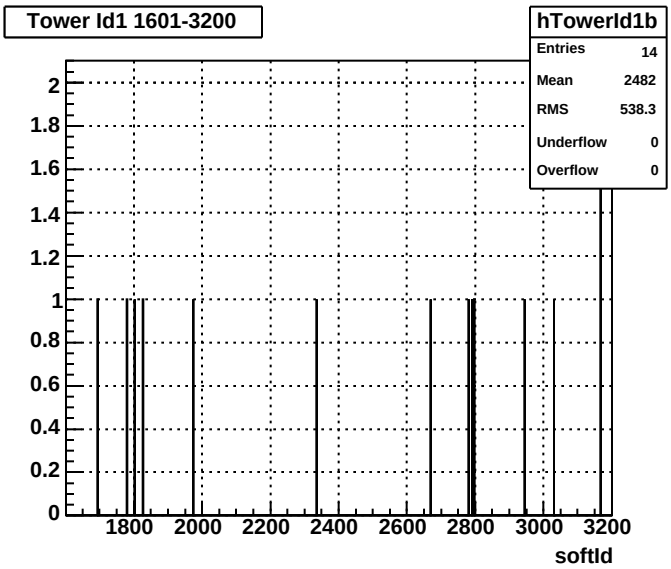

L2 processing time
hTime
Entries 34
Mean 326.7
RMS 100.3
Underflow 0
Overflow 28
time [μs]

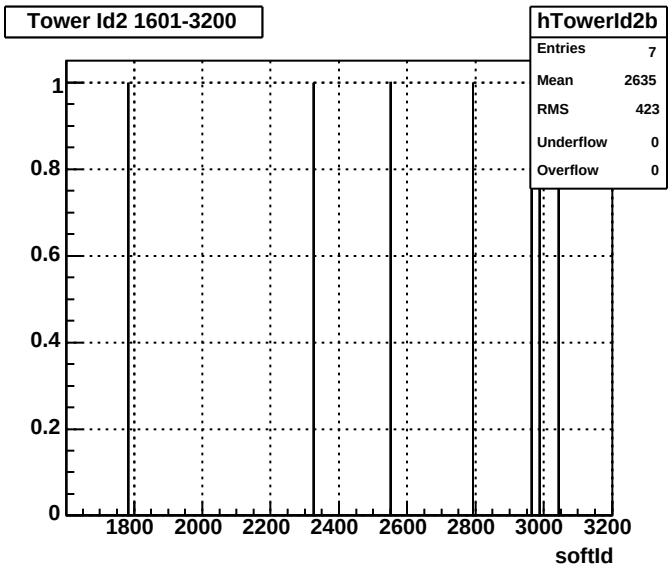

L0-L2 rejection rate
hL0L2RejectionRate
Entries 34
Mean 17.66
RMS 4.992
Underflow 0
Overflow 0

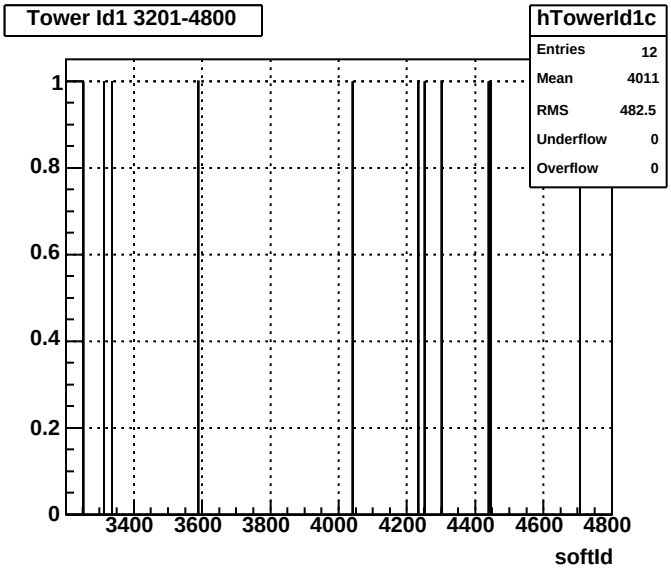

Delta Phi
hDeltaPhi
Entries 34
Mean 2.618
RMS 0.5378
Underflow 0
Overflow 0
Δφ [radians]

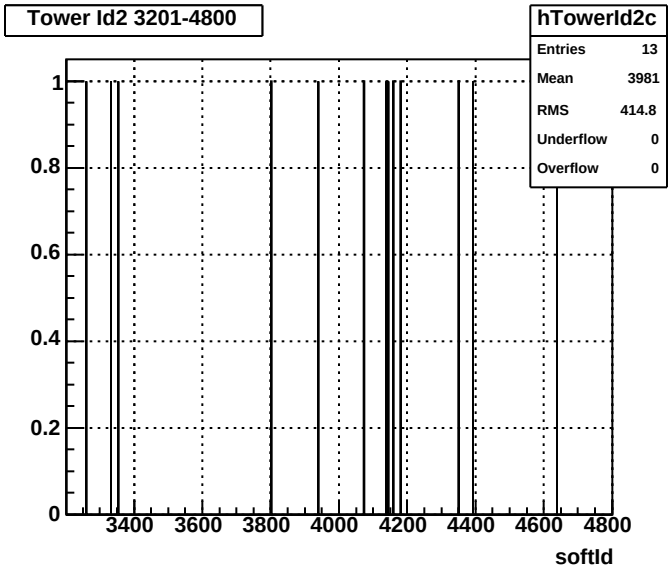

Tower Id1 1-1600
hTowerId1a
Entries 8
Mean 1012
RMS 486.2
Underflow 0
Overflow 0
softId

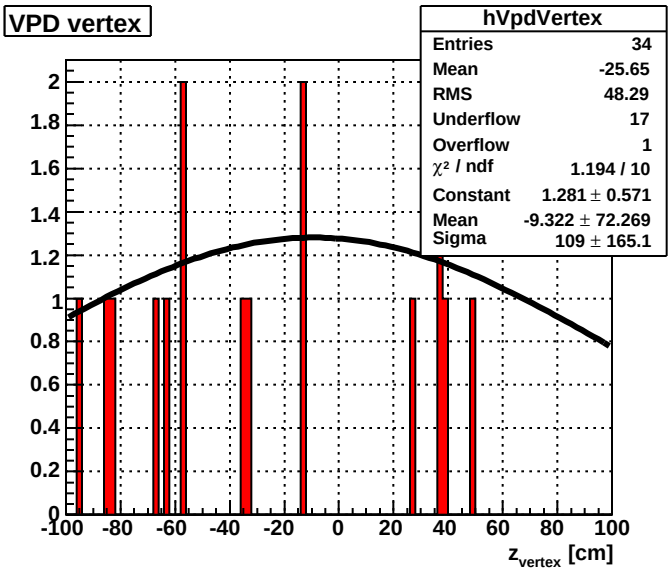

Tower Id2 1-1600
hTowerId2a
Entries 14
Mean 612.2
RMS 433.3
Underflow 0
Overflow 0
softId

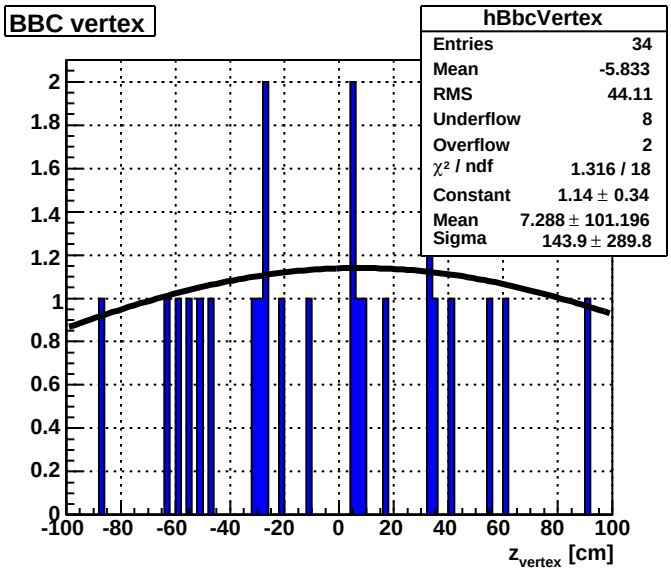

Tower Id1 1601-3200
hTowerId1b
Entries 14
Mean 2482
RMS 538.3
Underflow 0
Overflow 0
softId

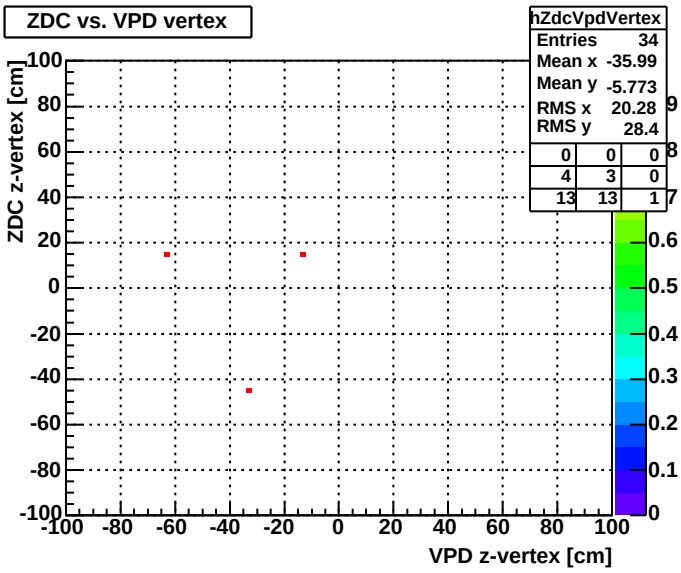

Tower Id2 1601-3200
hTowerId2b
Entries 7
Mean 2635
RMS 423
Underflow 0
Overflow 0
softId

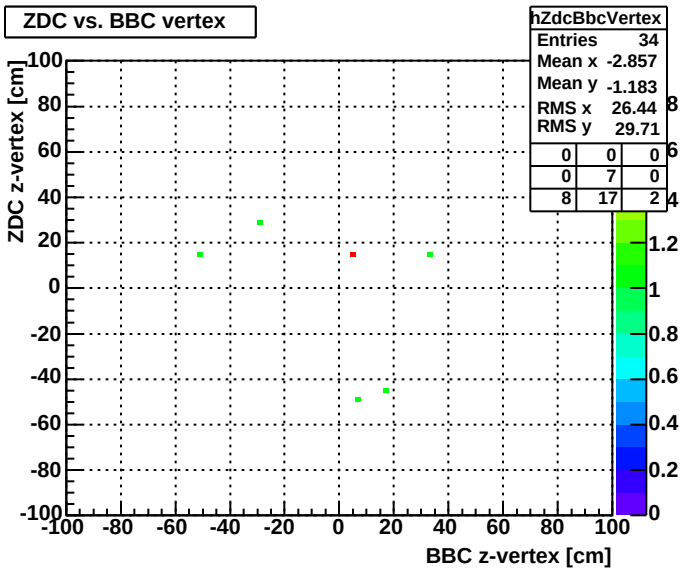

Tower Id1 3201-4800
hTowerId1c
Entries 12
Mean 4011
RMS 482.5
Underflow 0
Overflow 0
softId

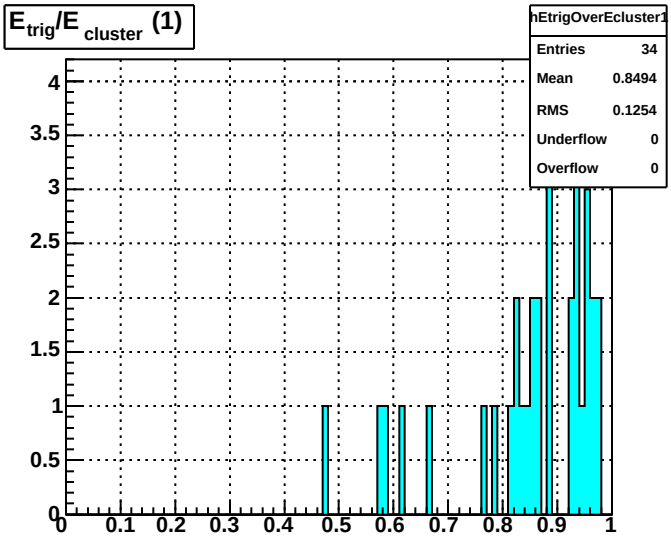

Tower Id2 3201-4800
hTowerId2c
Entries 13
Mean 3981
RMS 414.8
Underflow 0
Overflow 0
softId

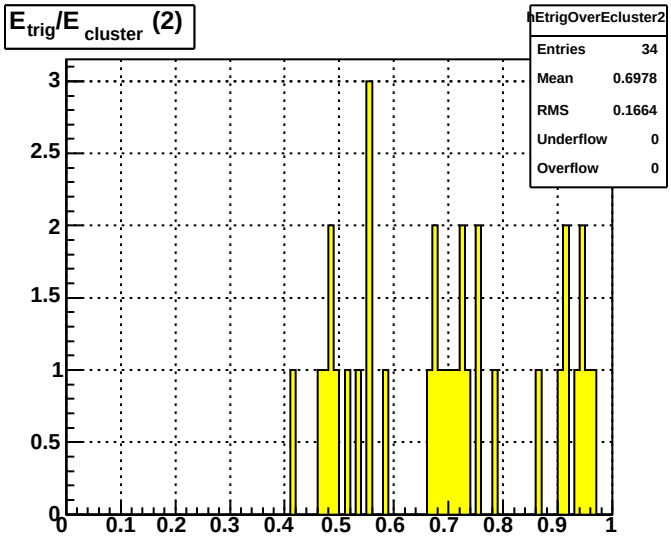

VPD vertex
hVpdVertex
Entries 34
Mean -25.65
RMS 48.29
Underflow 17
Overflow 1
χ² / ndf 1.194 / 10
Constant 1.281 ± 0.571
Mean -9.322 ± 72.269
Sigma 109 ± 165.1
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 34
Mean -5.833
RMS 44.11
Underflow 8
Overflow 2
χ² / ndf 1.316 / 18
Constant 1.14 ± 0.34
Mean 7.288 ± 101.196
Sigma 143.9 ± 289.8
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 34
Mean x -35.99
Mean y -5.773
RMS x 20.28
RMS y 28.4
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 34
Mean x -2.857
Mean y -1.183
RMS x 26.44
RMS y 29.71
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 34
Mean 0.8494
RMS 0.1254
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 34
Mean 0.6978
RMS 0.1664
Underflow 0
Overflow 0