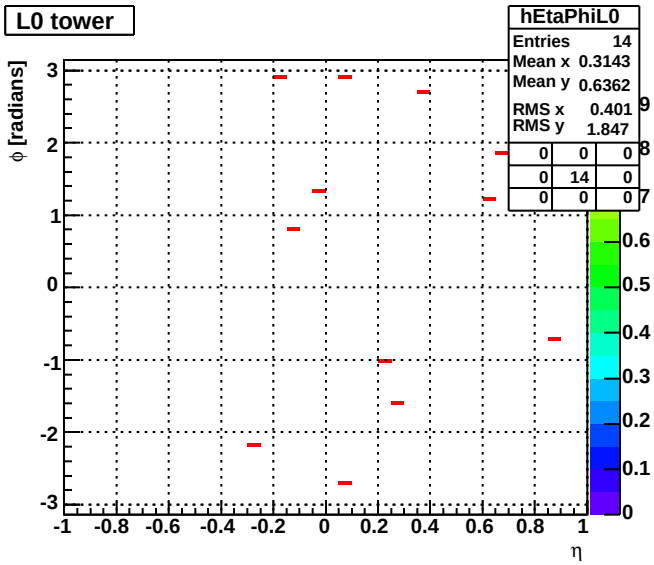
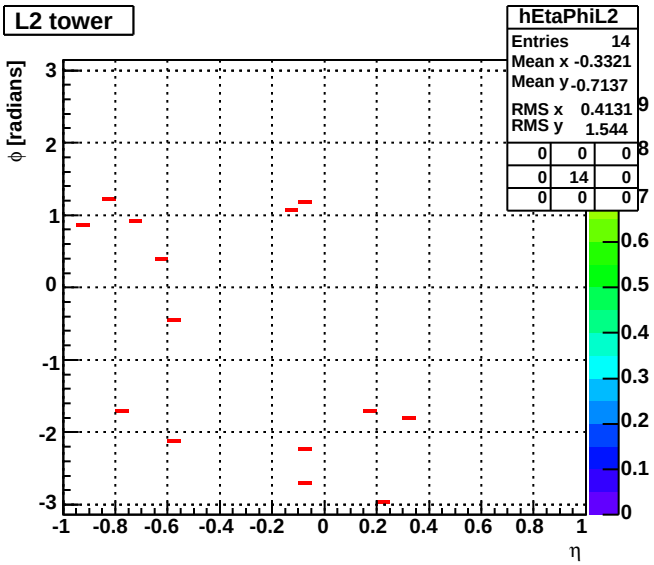
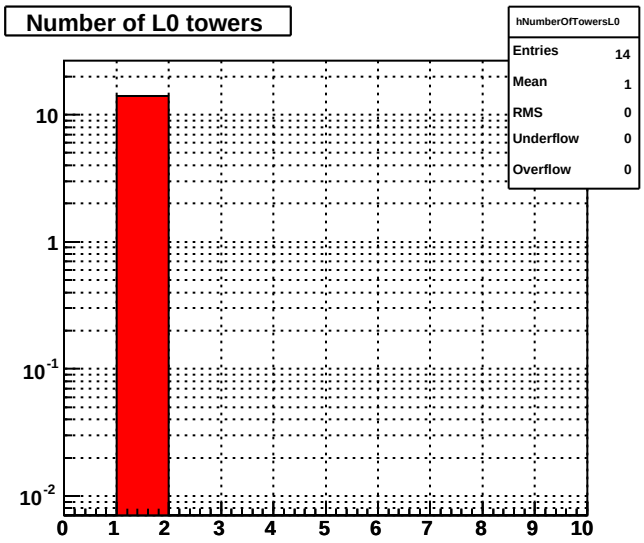
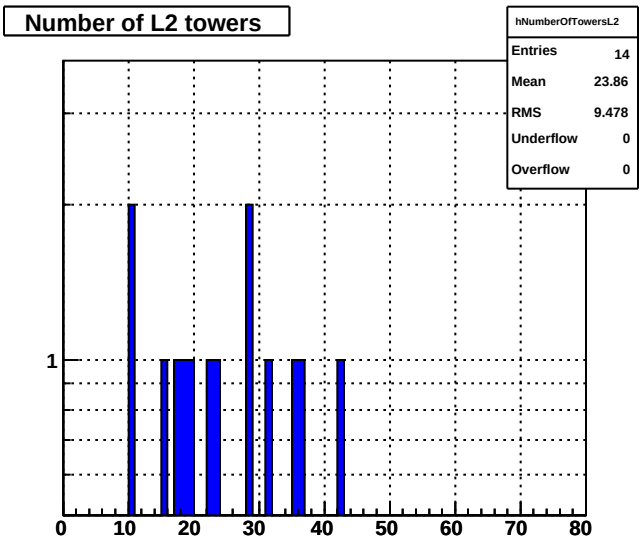
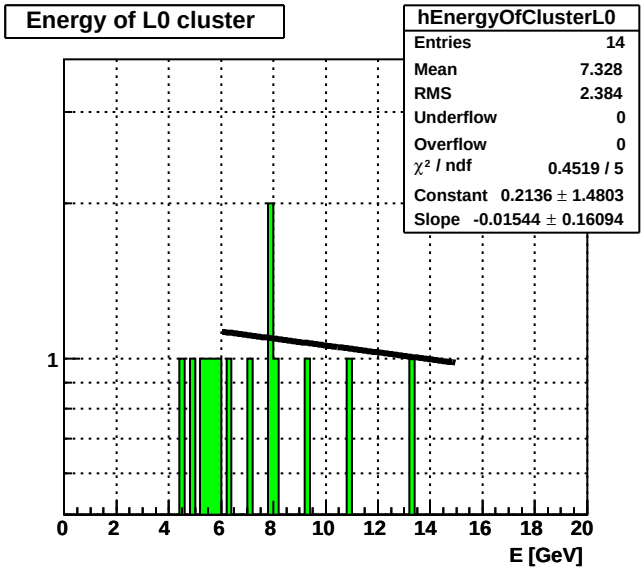
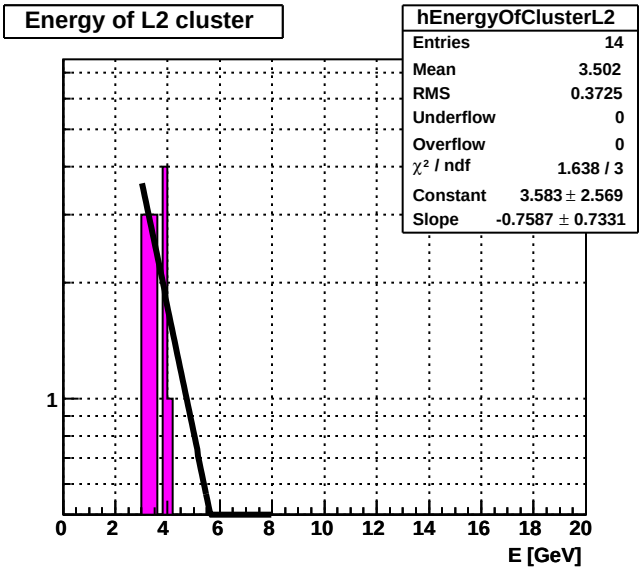

L0 tower
hEtaPhiL0
Entries 14
Mean x 0.3143
Mean y 0.6362
RMS x 0.401
RMS y 1.847
φ [radians]
η

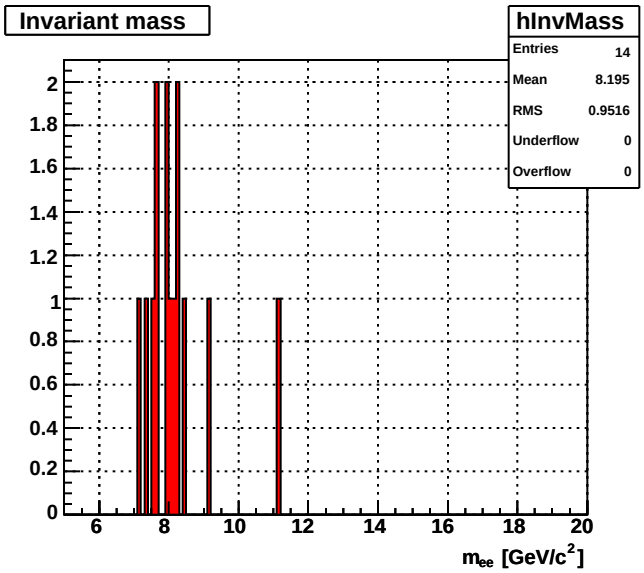

L2 tower
hEtaPhiL2
Entries 14
Mean x -0.3321
Mean y -0.7137
RMS x 0.4131
RMS y 1.544
φ [radians]
η

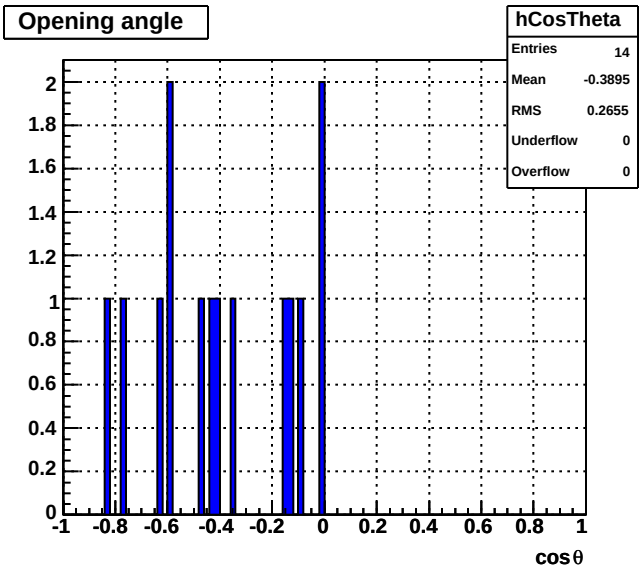

Number of L0 towers
hNumberOfTowersL0
Entries 14
Mean 1
RMS 0
Underflow 0
Overflow 0

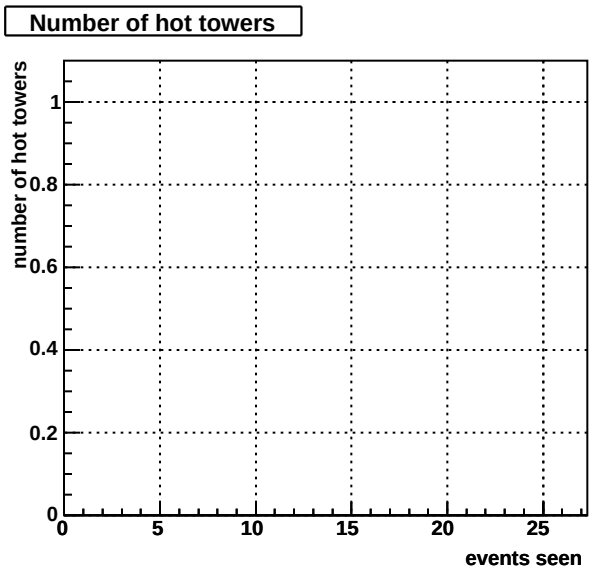

Number of L2 towers
hNumberOfTowersL2
Entries 14
Mean 23.86
RMS 9.478
Underflow 0
Overflow 0

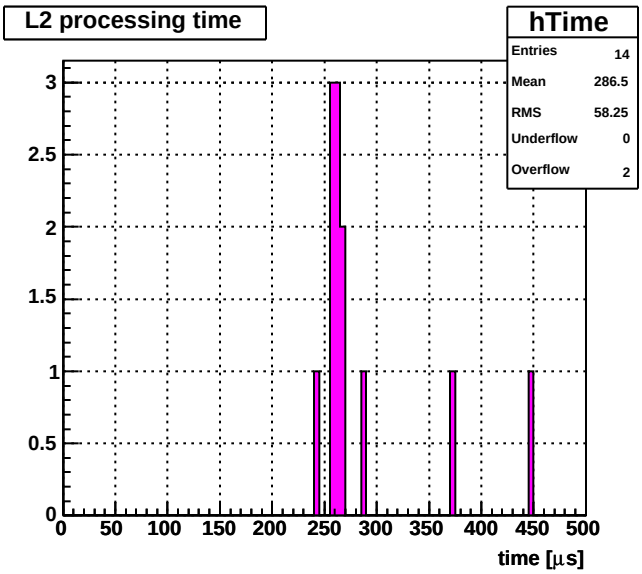

Energy of L0 cluster
hEnergyOfClusterL0
Entries 14
Mean 7.328
RMS 2.384
Underflow 0
Overflow 0
χ² / ndf 0.4519 / 5
Constant 0.2136 ± 1.4803
Slope -0.01544 ± 0.16094
E [GeV]

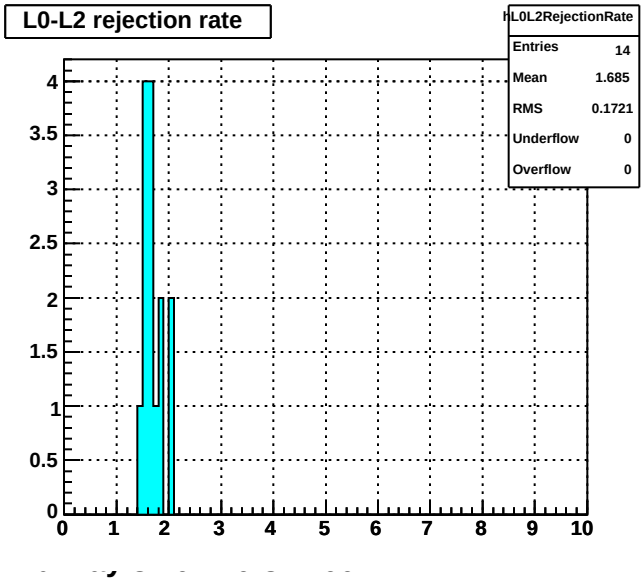

Energy of L2 cluster
hEnergyOfClusterL2
Entries 14
Mean 3.502
RMS 0.3725
Underflow 0
Overflow 0
χ² / ndf 1.638 / 3
Constant 3.583 ± 2.569
Slope -0.7587 ± 0.7331
E [GeV]

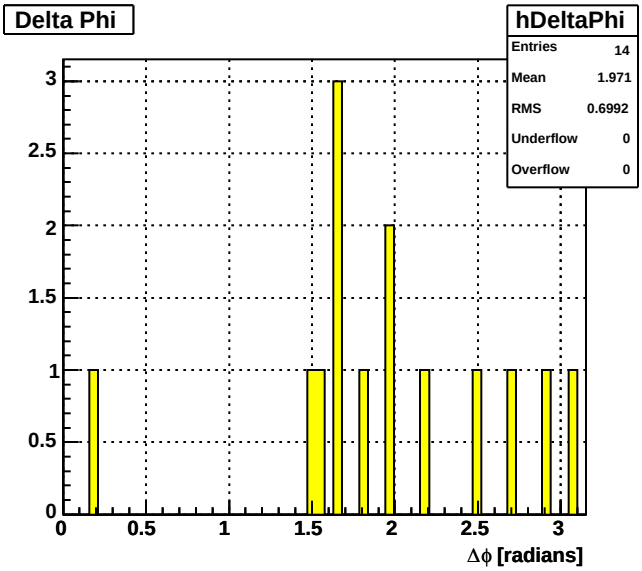

Invariant mass
hInvMass
Entries 14
Mean 8.195
RMS 0.9516
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

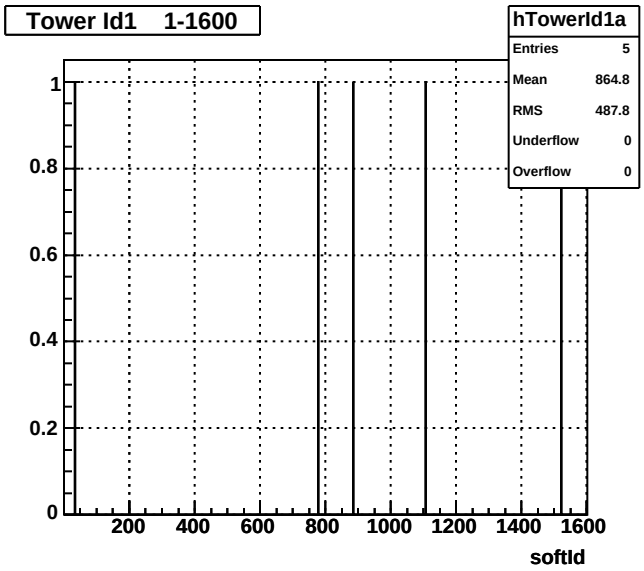

Opening angle
hCosTheta
Entries 14
Mean -0.3895
RMS 0.2655
Underflow 0
Overflow 0
cos θ

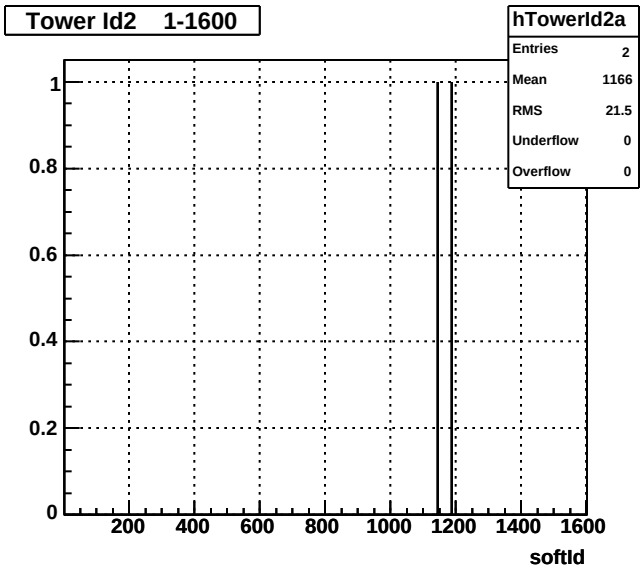

Number of hot towers
number of hot towers
events seen

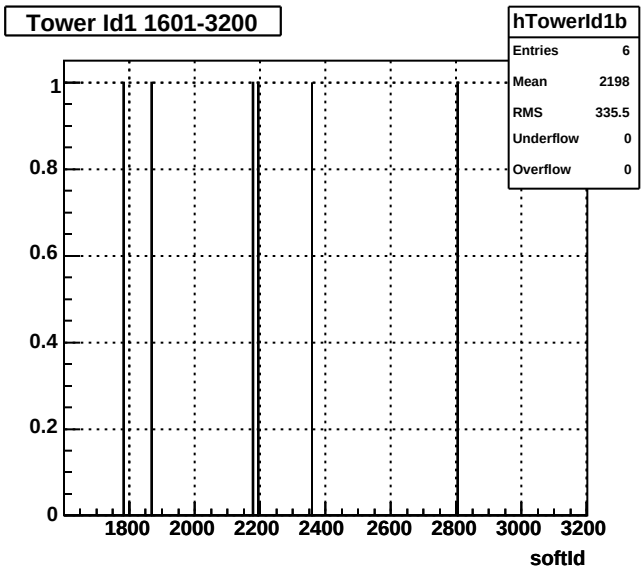

L2 processing time
hTime
Entries 14
Mean 286.5
RMS 58.25
Underflow 0
Overflow 2
time [μs]

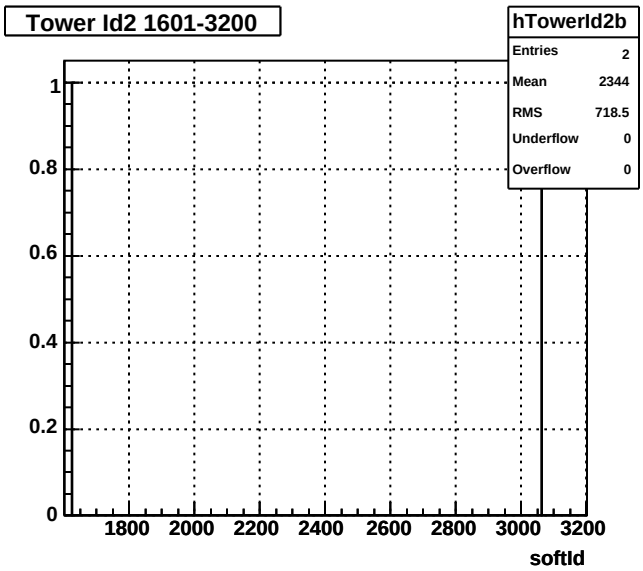

L0-L2 rejection rate
hL0L2RejectionRate
Entries 14
Mean 1.685
RMS 0.1721
Underflow 0
Overflow 0

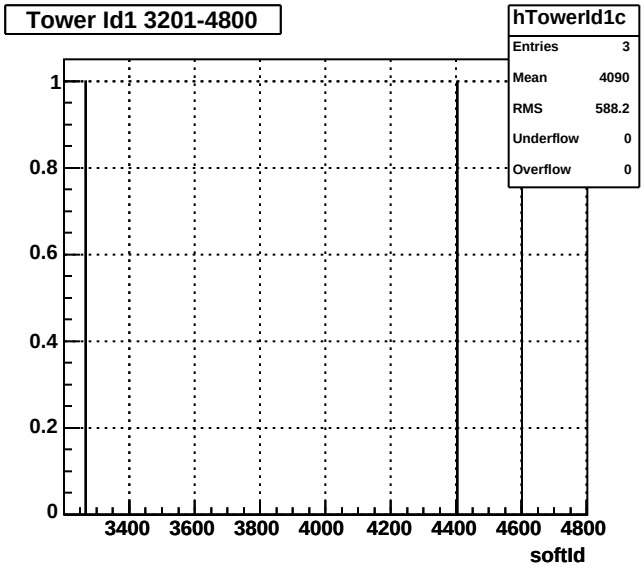

Delta Phi
hDeltaPhi
Entries 14
Mean 1.971
RMS 0.6992
Underflow 0
Overflow 0
Δφ [radians]

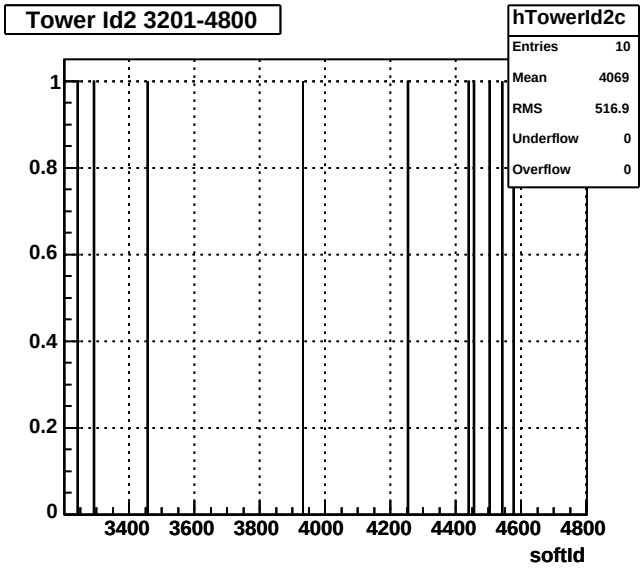

Tower Id1 1-1600
hTowerId1a
Entries 5
Mean 864.8
RMS 487.8
Underflow 0
Overflow 0
softId

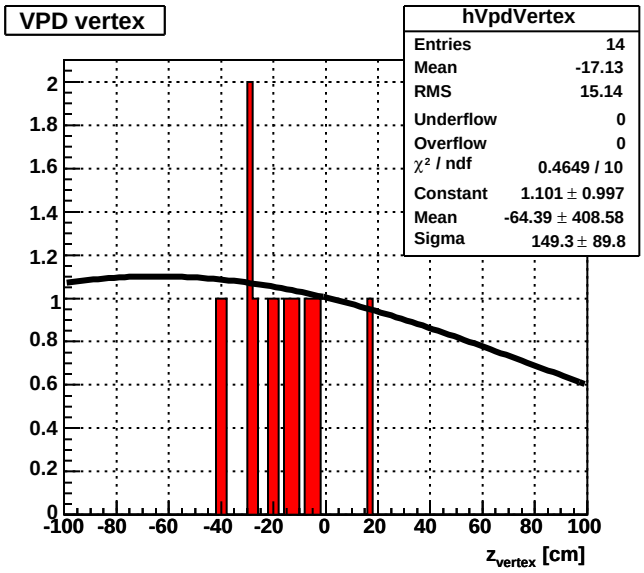

Tower Id2 1-1600
hTowerId2a
Entries 2
Mean 1166
RMS 21.5
Underflow 0
Overflow 0
softId

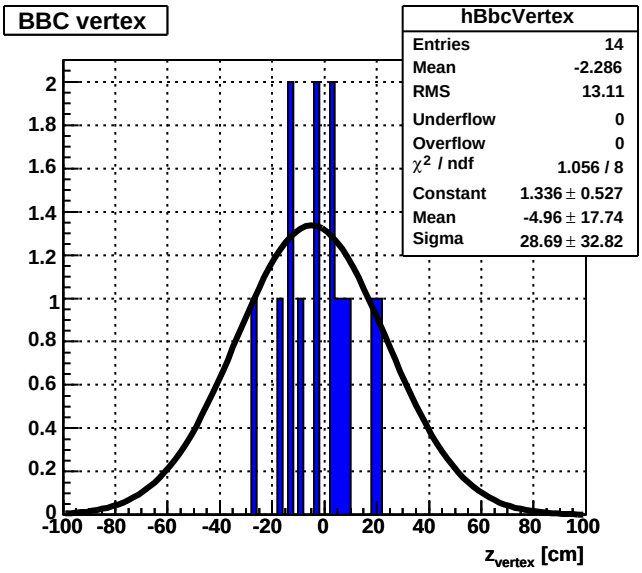

Tower Id1 1601-3200
hTowerId1b
Entries 6
Mean 2198
RMS 335.5
Underflow 0
Overflow 0
softId

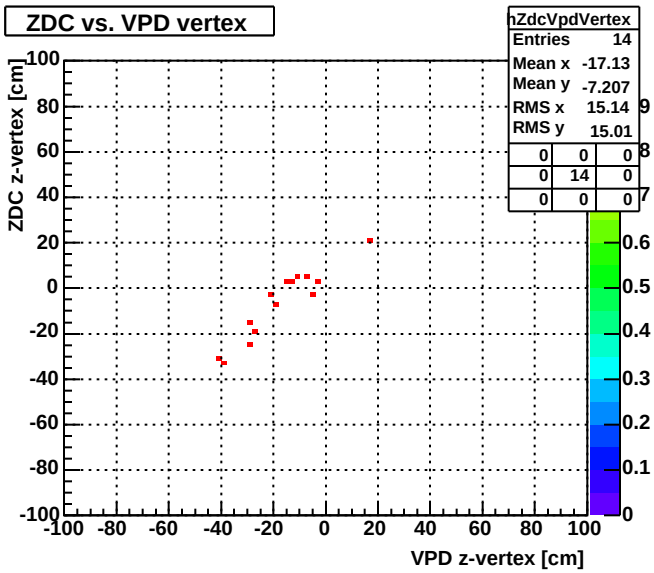

Tower Id2 1601-3200
hTowerId2b
Entries 2
Mean 2344
RMS 718.5
Underflow 0
Overflow 0
softId

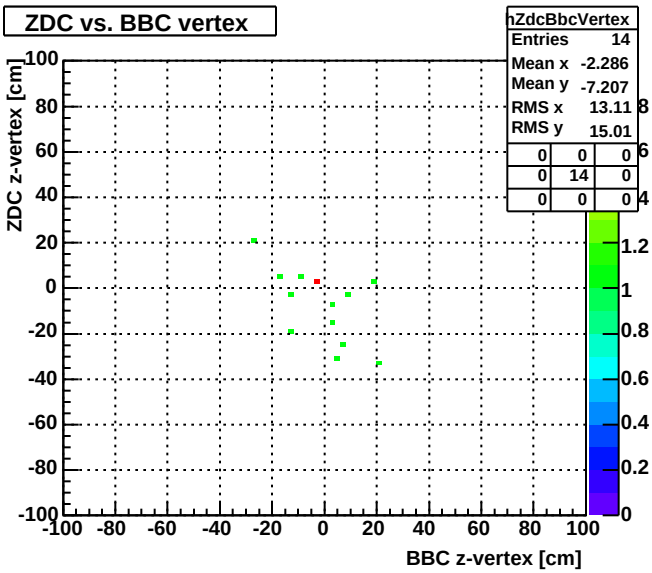

Tower Id1 3201-4800
hTowerId1c
Entries 3
Mean 4090
RMS 588.2
Underflow 0
Overflow 0
softId

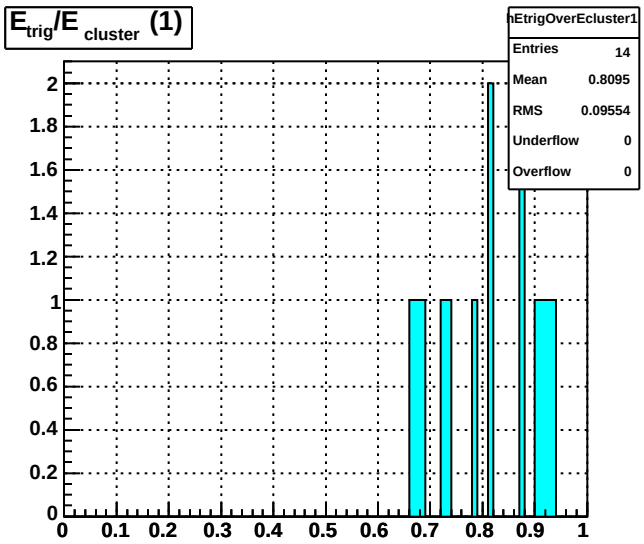

Tower Id2 3201-4800
hTowerId2c
Entries 10
Mean 4069
RMS 516.9
Underflow 0
Overflow 0
softId

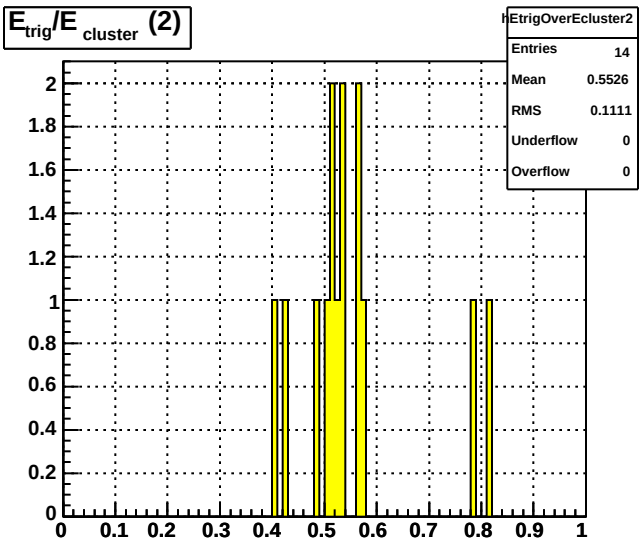

VPD vertex
hVpdVertex
Entries 14
Mean -17.13
RMS 15.14
Underflow 0
Overflow 0
χ² / ndf 0.4649 / 10
Constant 1.101 ± 0.997
Mean -64.39 ± 408.58
Sigma 149.3 ± 89.8
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 14
Mean -2.286
RMS 13.11
Underflow 0
Overflow 0
χ² / ndf 1.056 / 8
Constant 1.336 ± 0.527
Mean -4.96 ± 17.74
Sigma 28.69 ± 32.82
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 14
Mean x -17.13
Mean y -7.207
RMS x 15.14
RMS y 15.01
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 14
Mean x -2.286
Mean y -7.207
RMS x 13.11
RMS y 15.01
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 14
Mean 0.8095
RMS 0.09554
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 14
Mean 0.5526
RMS 0.1111
Underflow 0
Overflow 0