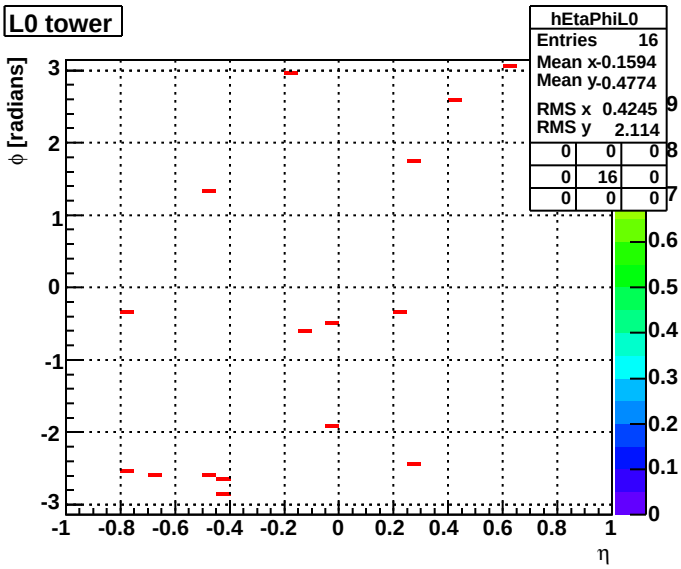
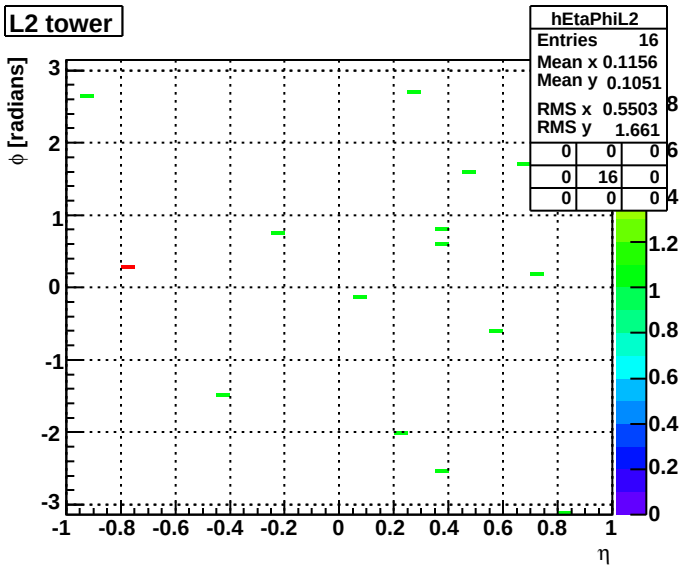
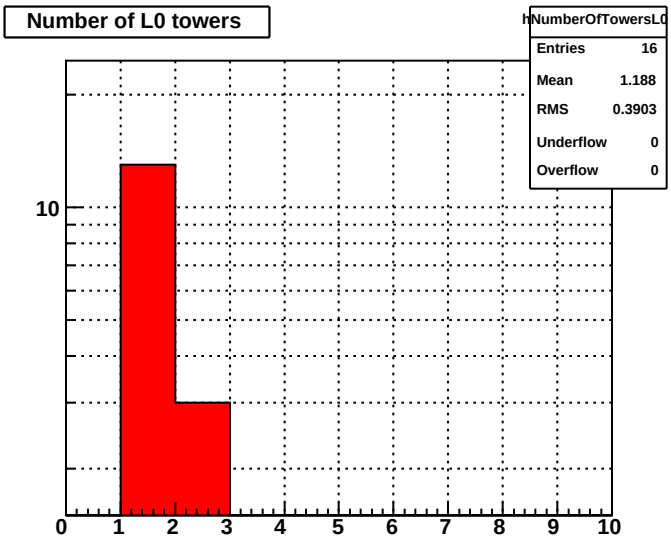
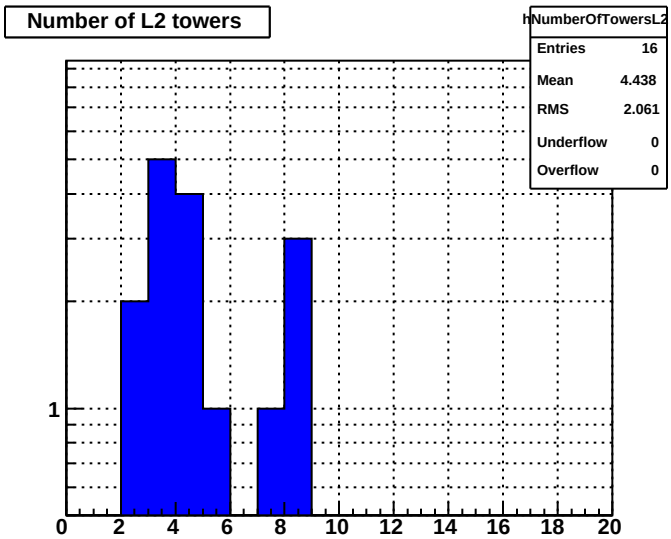
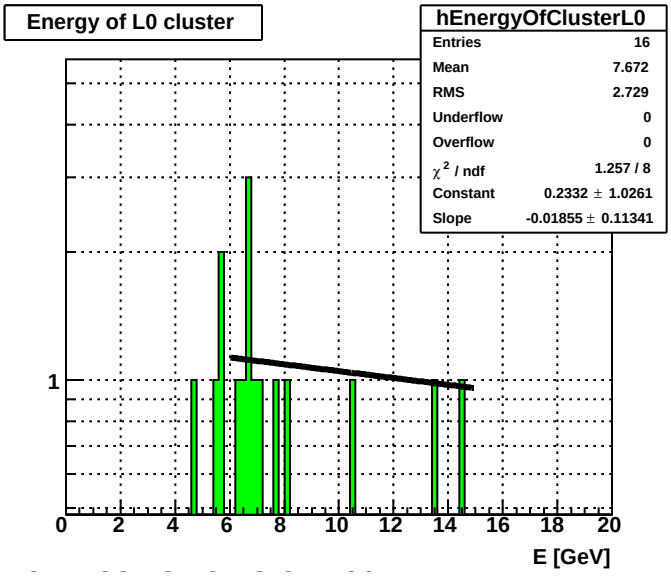
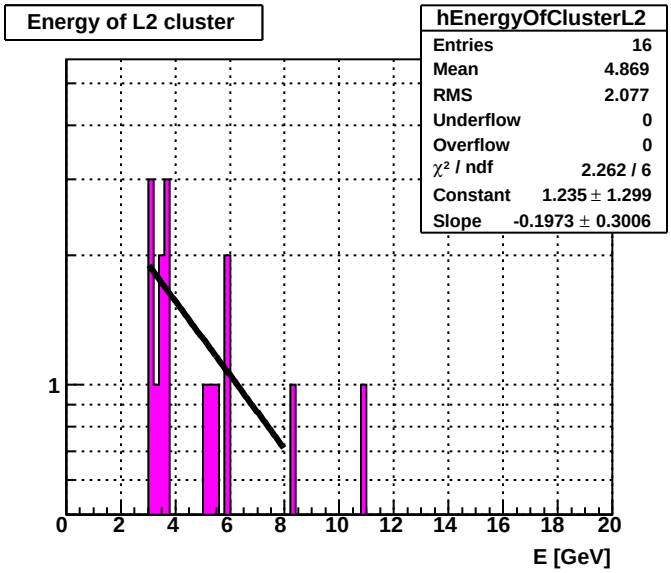

L0 tower
hEtaPhiL0
Entries 16
Mean x -0.1594
Mean y -0.4774
RMS x 0.4245
RMS y 2.114
φ [radians]
η

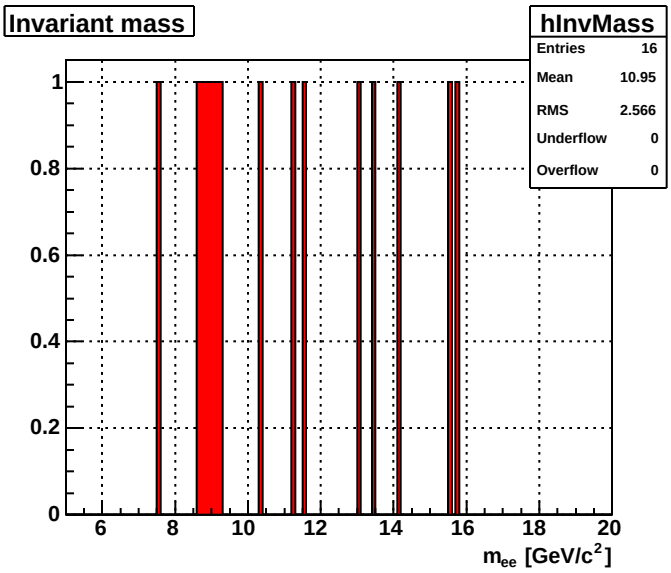

L2 tower
hEtaPhiL2
Entries 16
Mean x 0.1156
Mean y 0.1051
RMS x 0.5503
RMS y 1.661
φ [radians]
η

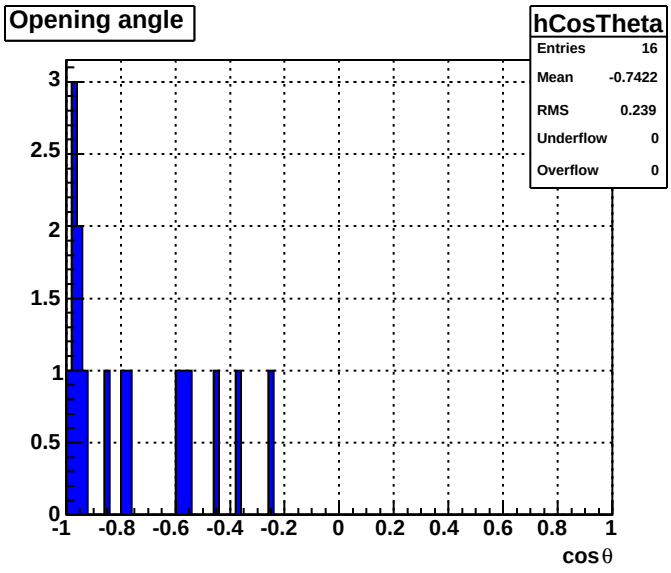

Number of L0 towers
hNumberOfTowersL0
Entries 16
Mean 1.188
RMS 0.3903
Underflow 0
Overflow 0

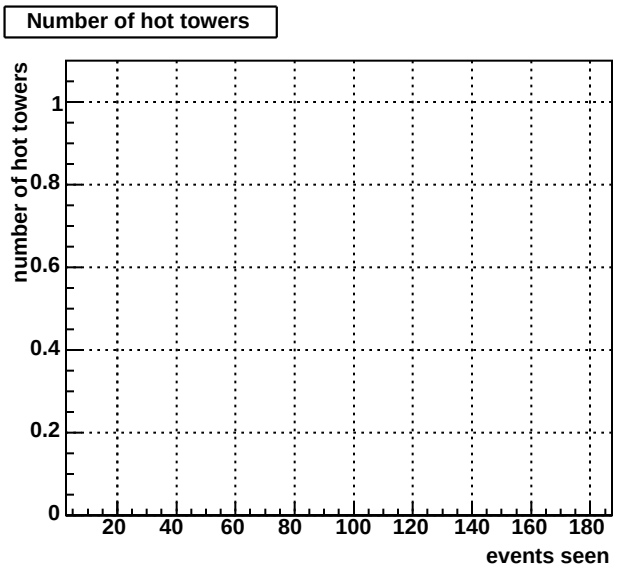

Number of L2 towers
hNumberOfTowersL2
Entries 16
Mean 4.438
RMS 2.061
Underflow 0
Overflow 0

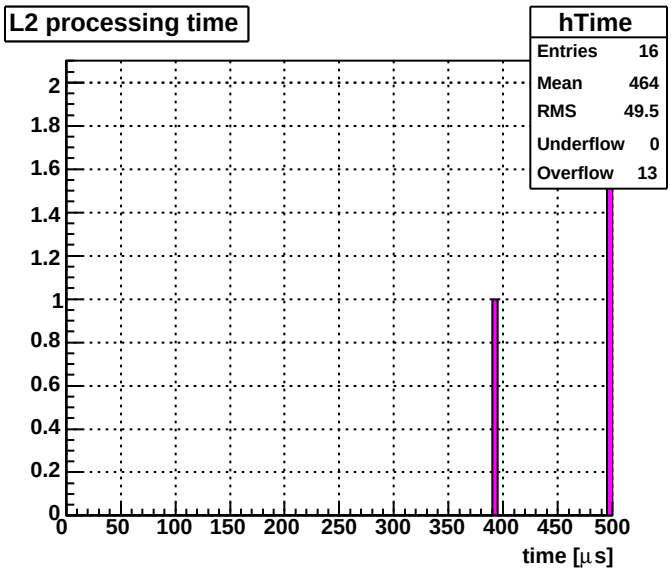

Energy of L0 cluster
hEnergyOfClusterL0
Entries 16
Mean 7.672
RMS 2.729
Underflow 0
Overflow 0
χ² / ndf 1.257 / 8
Constant 0.2332 ± 1.0261
Slope -0.01855 ± 0.11341
E [GeV]

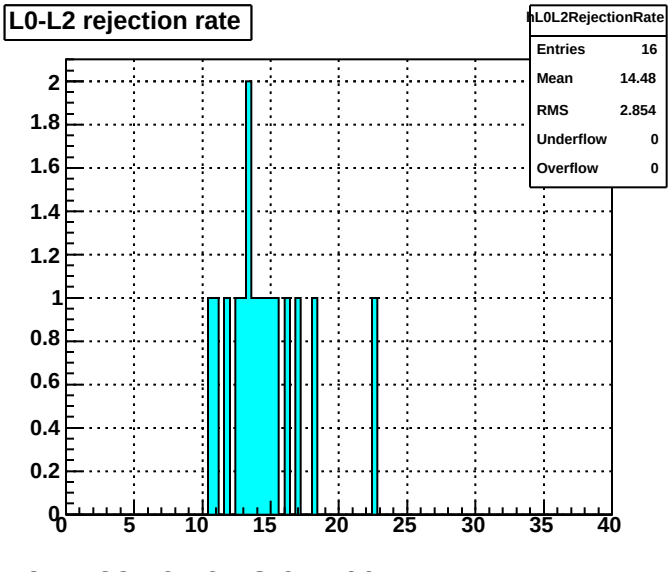

Energy of L2 cluster
hEnergyOfClusterL2
Entries 16
Mean 4.869
RMS 2.077
Underflow 0
Overflow 0
χ² / ndf 2.262 / 6
Constant 1.235 ± 1.299
Slope -0.1973 ± 0.3006
E [GeV]

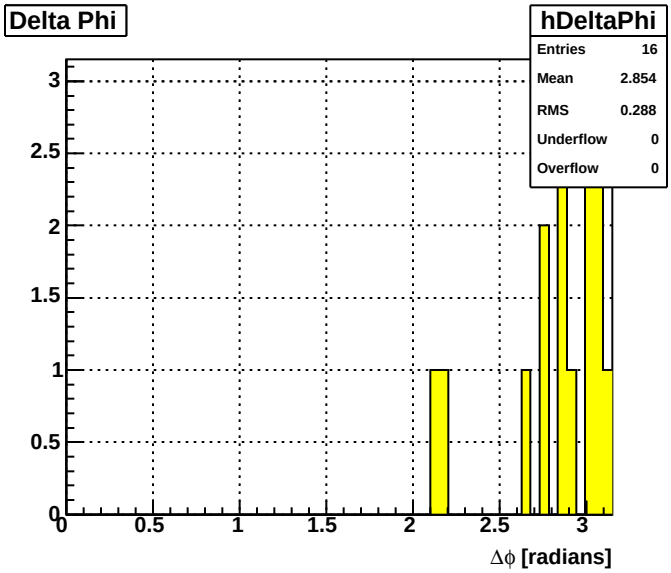

Invariant mass
hInvMass
Entries 16
Mean 10.95
RMS 2.566
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

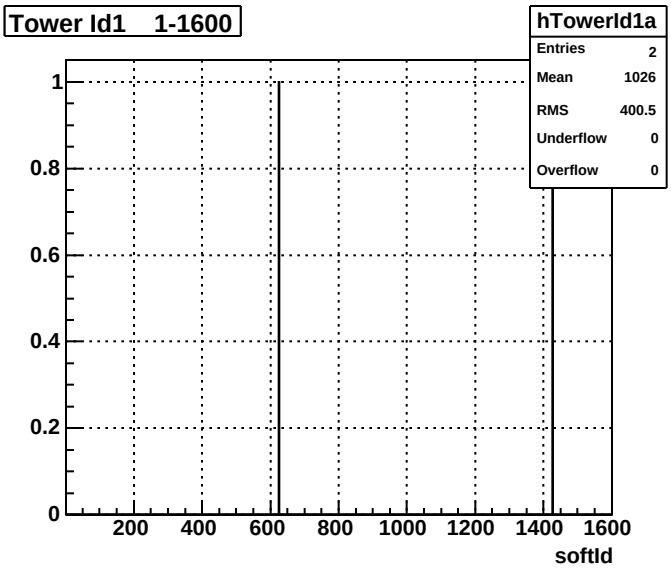

Opening angle
hCosTheta
Entries 16
Mean -0.7422
RMS 0.239
Underflow 0
Overflow 0
cos θ

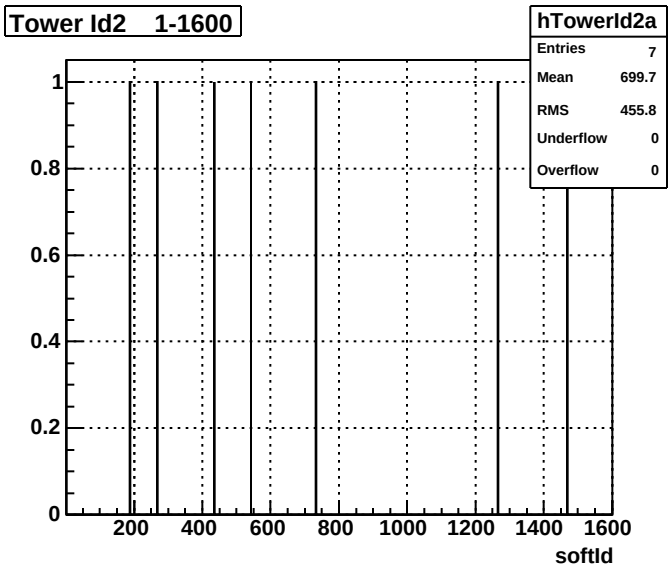

Number of hot towers
number of hot towers
events seen

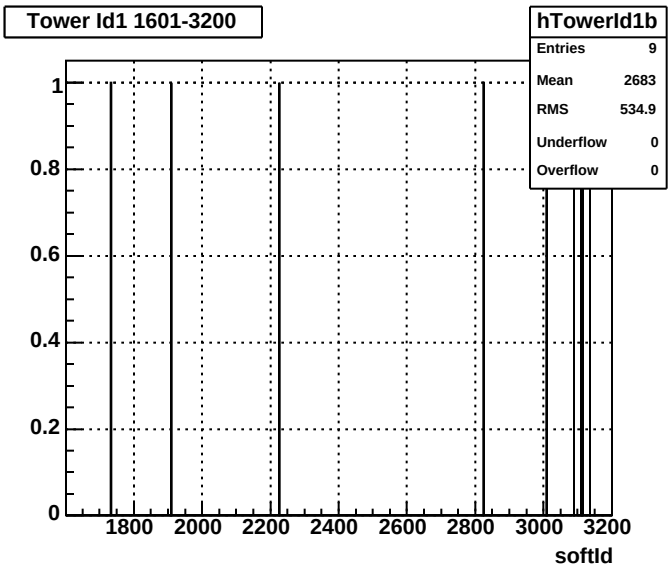

L2 processing time
hTime
Entries 16
Mean 464
RMS 49.5
Underflow 0
Overflow 13
time [μs]

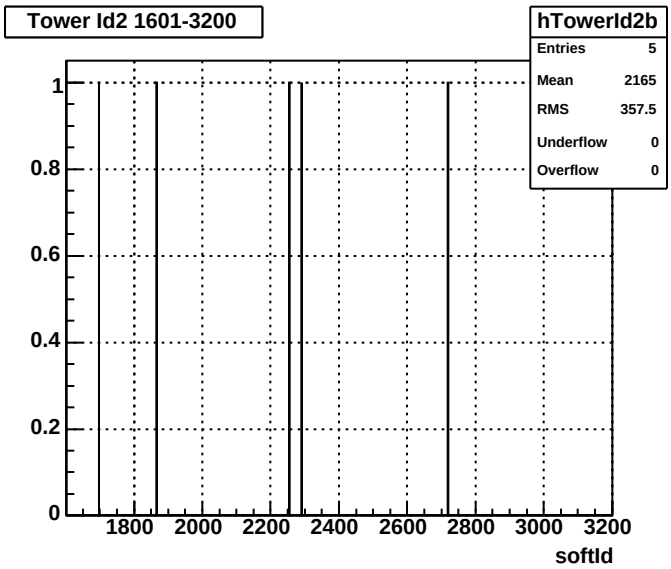

L0-L2 rejection rate
hL0L2RejectionRate
Entries 16
Mean 14.48
RMS 2.854
Underflow 0
Overflow 0

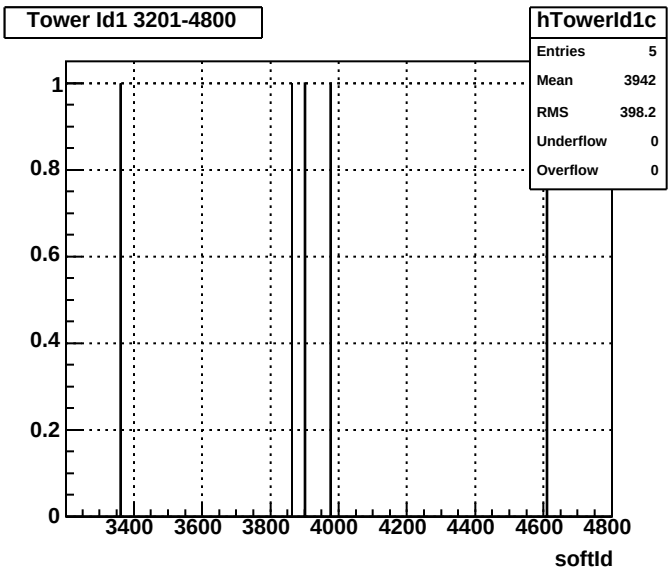

Delta Phi
hDeltaPhi
Entries 16
Mean 2.854
RMS 0.288
Underflow 0
Overflow 0
Δφ [radians]

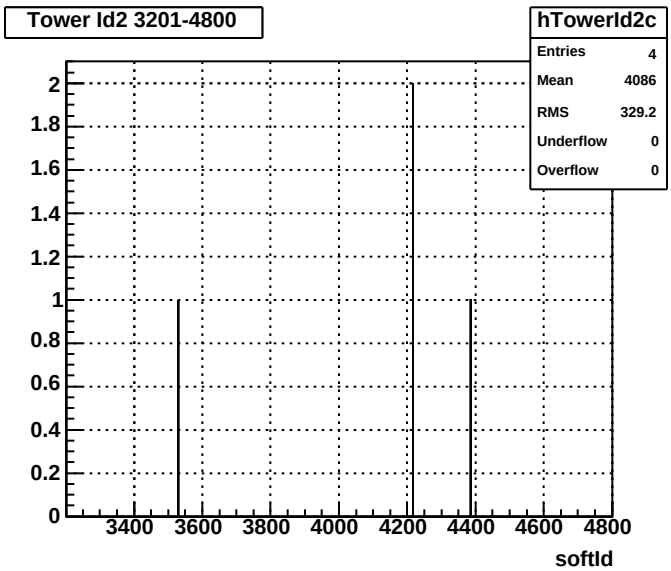

Tower Id1 1-1600
hTowerId1a
Entries 2
Mean 1026
RMS 400.5
Underflow 0
Overflow 0
softId

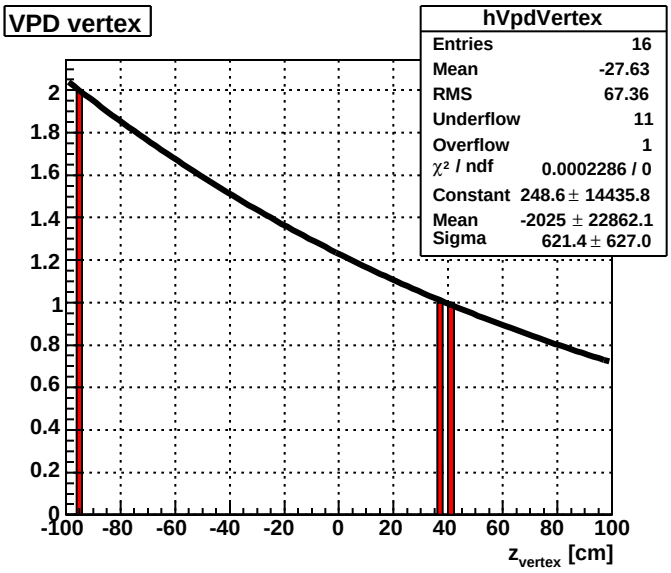

Tower Id2 1-1600
hTowerId2a
Entries 7
Mean 699.7
RMS 455.8
Underflow 0
Overflow 0
softId

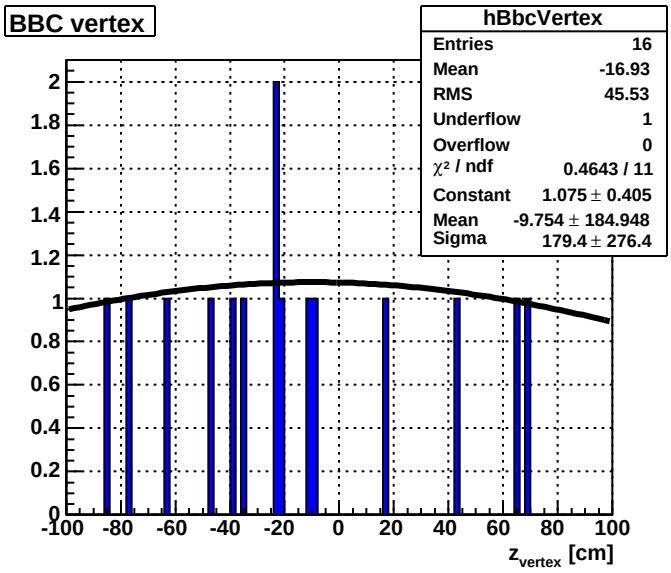

Tower Id1 1601-3200
hTowerId1b
Entries 9
Mean 2683
RMS 534.9
Underflow 0
Overflow 0
softId

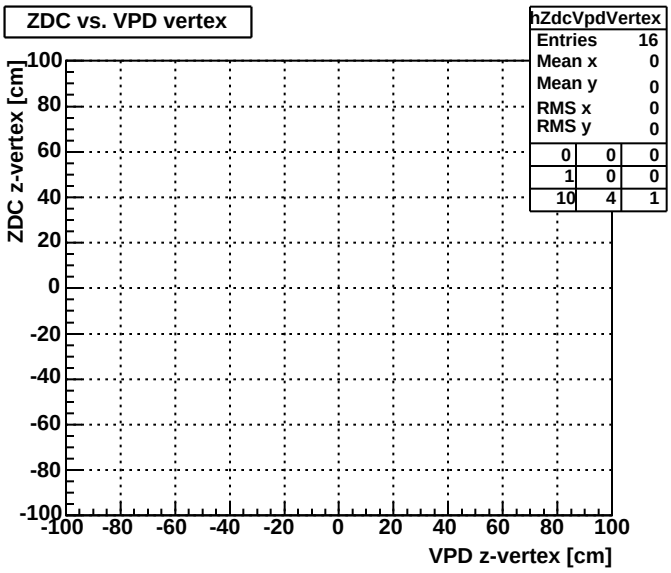

Tower Id2 1601-3200
hTowerId2b
Entries 5
Mean 2165
RMS 357.5
Underflow 0
Overflow 0
softId

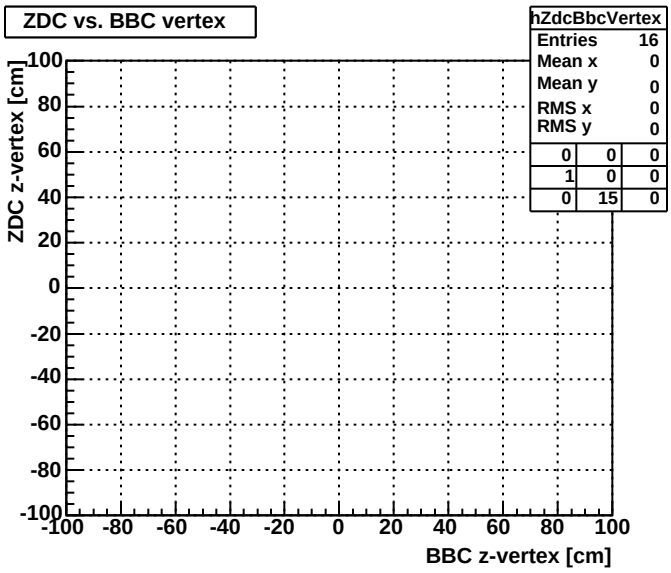

Tower Id1 3201-4800
hTowerId1c
Entries 5
Mean 3942
RMS 398.2
Underflow 0
Overflow 0
softId

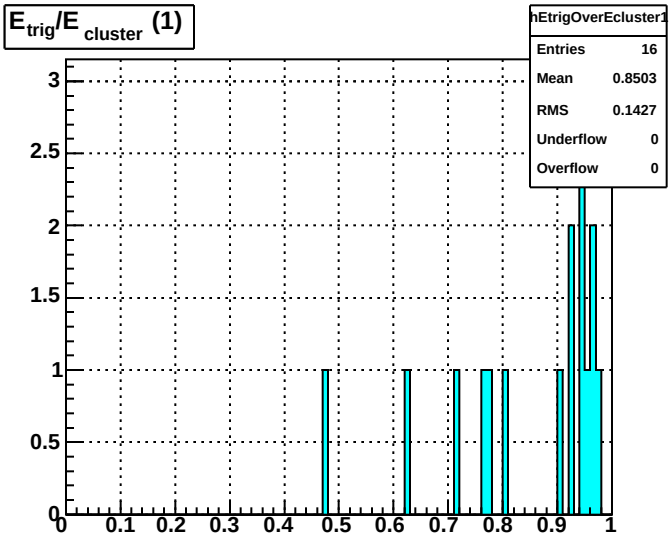

Tower Id2 3201-4800
hTowerId2c
Entries 4
Mean 4086
RMS 329.2
Underflow 0
Overflow 0
softId

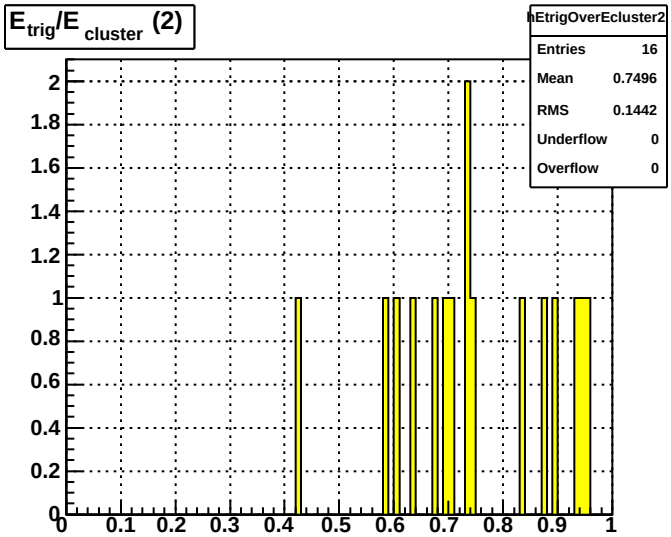

VPD vertex
hVpdVertex
Entries 16
Mean -27.63
RMS 67.36
Underflow 11
Overflow 1
χ² / ndf 0.0002286 / 0
Constant 248.6 ± 14435.8
Mean -2025 ± 22862.1
Sigma 621.4 ± 627.0
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 16
Mean -16.93
RMS 45.53
Underflow 1
Overflow 0
χ² / ndf 0.4643 / 11
Constant 1.075 ± 0.405
Mean -9.754 ± 184.948
Sigma 179.4 ± 276.4
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 16
Mean x 0
Mean y 0
RMS x 0
RMS y 0
0 0 0
1 0 0
10 4 1
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 16
Mean x 0
Mean y 0
RMS x 0
RMS y 0
0 0 0
1 0 0
0 15 0
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 16
Mean 0.8503
RMS 0.1427
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 16
Mean 0.7496
RMS 0.1442
Underflow 0
Overflow 0