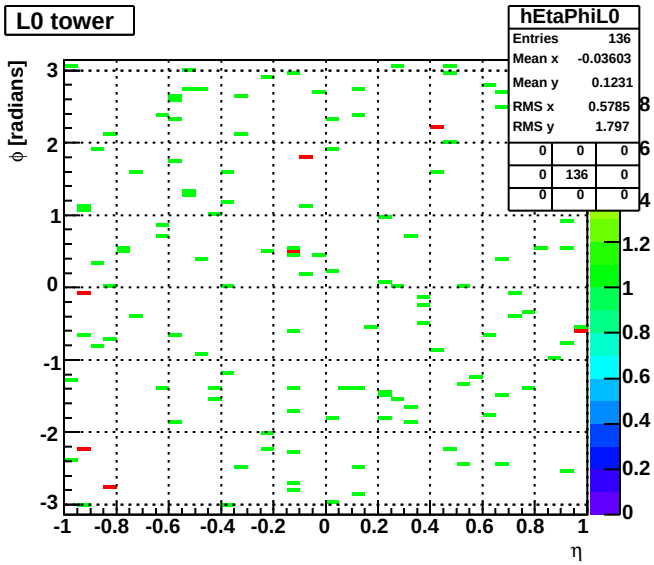
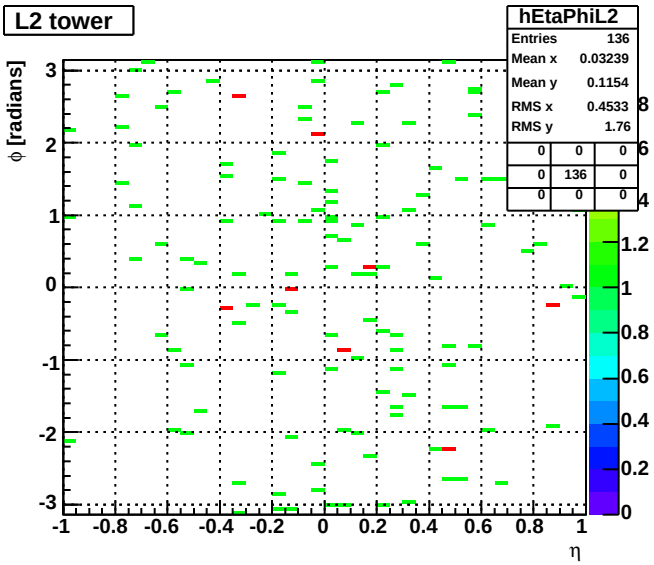
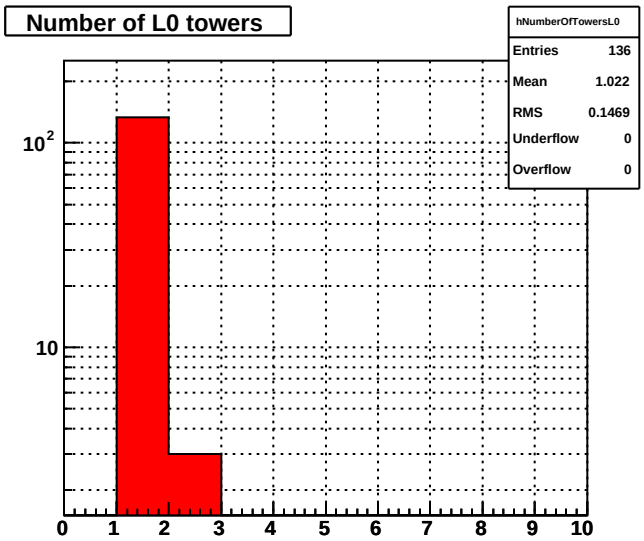
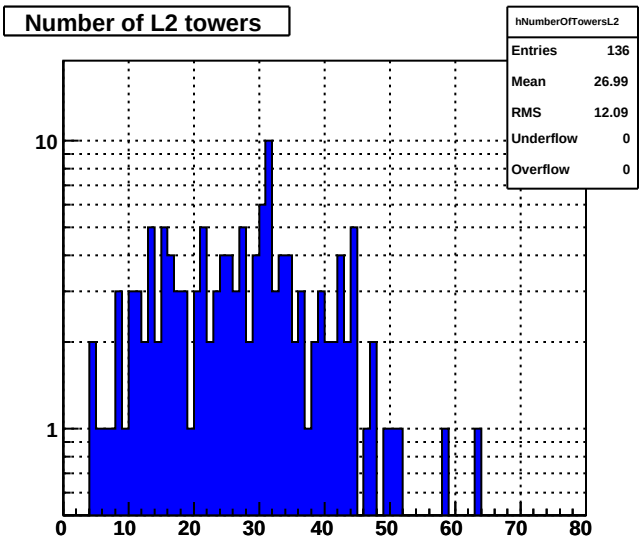
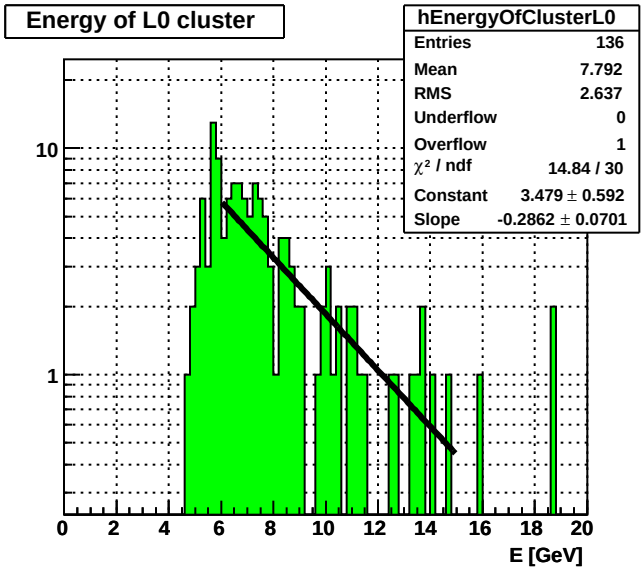
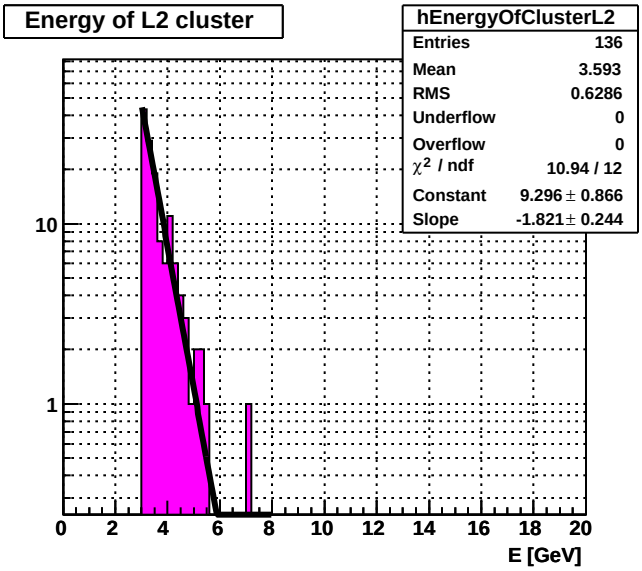

L0 tower
hEtaPhiL0
Entries 136
Mean x -0.03603
Mean y 0.1231
RMS x 0.5785
RMS y 1.797
φ [radians]
η

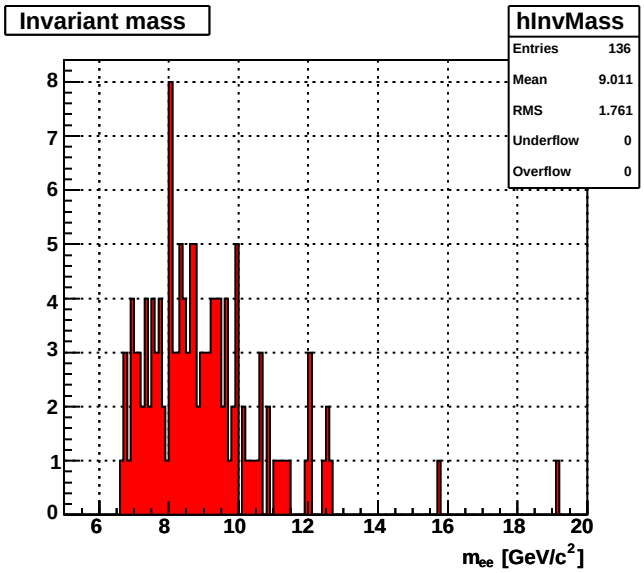

L2 tower
hEtaPhiL2
Entries 136
Mean x 0.03239
Mean y 0.1154
RMS x 0.4533
RMS y 1.76
φ [radians]
η

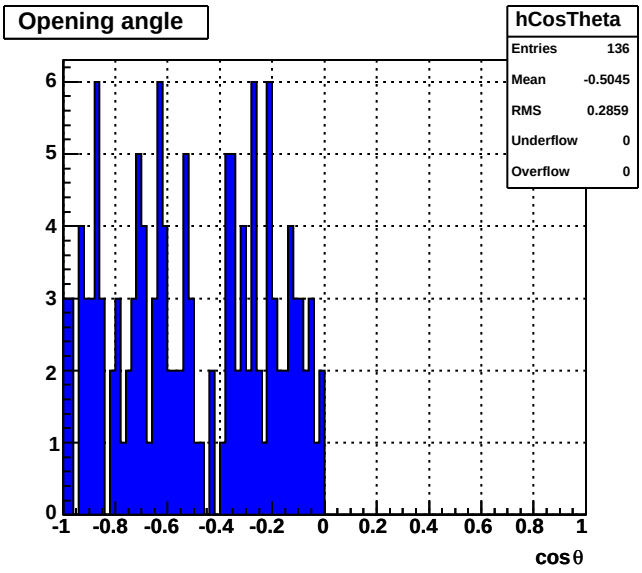

Number of L0 towers
hNumberOfTowersL0
Entries 136
Mean 1.022
RMS 0.1469
Underflow 0
Overflow 0

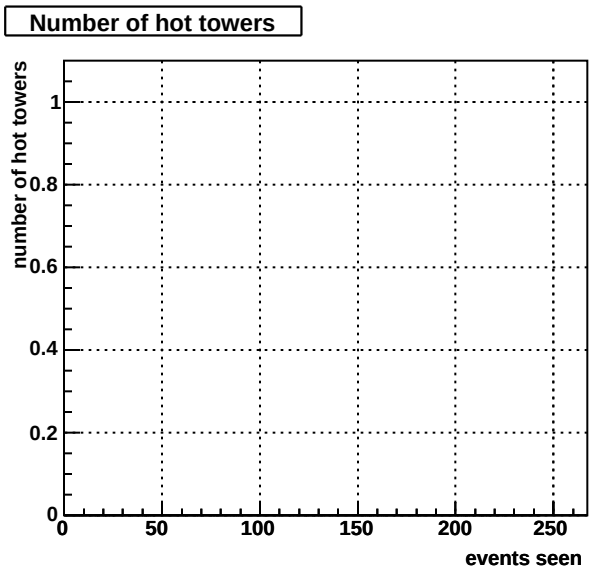

Number of L2 towers
hNumberOfTowersL2
Entries 136
Mean 26.99
RMS 12.09
Underflow 0
Overflow 0

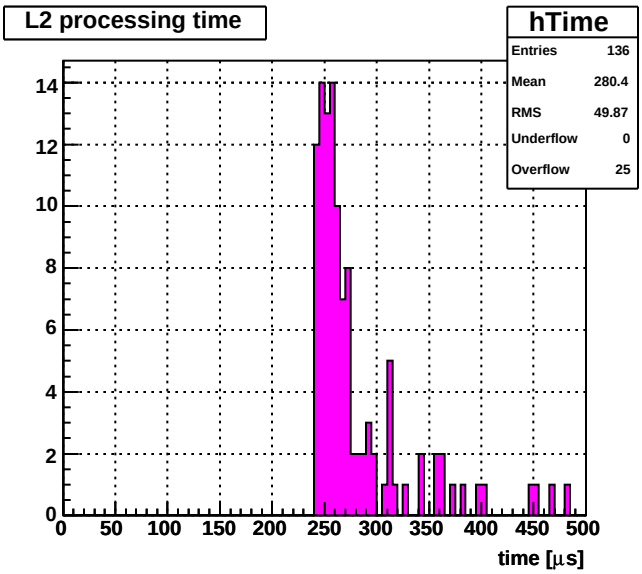

Energy of L0 cluster
hEnergyOfClusterL0
Entries 136
Mean 7.792
RMS 2.637
Underflow 0
Overflow 1
χ² / ndf 14.84 / 30
Constant 3.479 ± 0.592
Slope -0.2862 ± 0.0701
E [GeV]

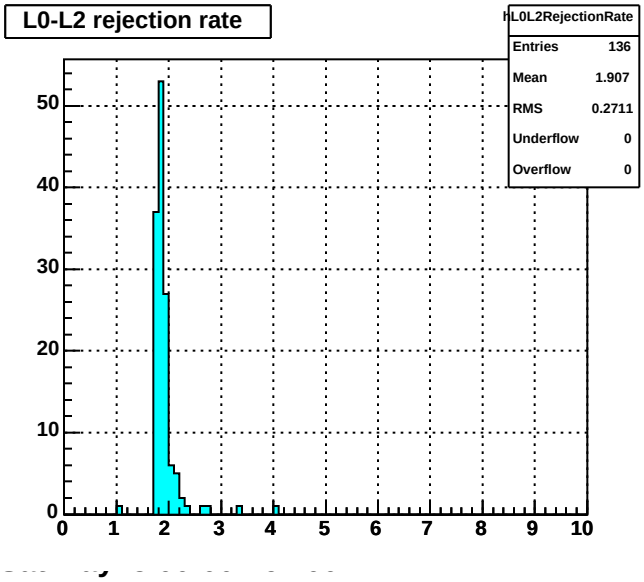

Energy of L2 cluster
hEnergyOfClusterL2
Entries 136
Mean 3.593
RMS 0.6286
Underflow 0
Overflow 0
χ² / ndf 10.94 / 12
Constant 9.296 ± 0.866
Slope -1.821 ± 0.244
E [GeV]

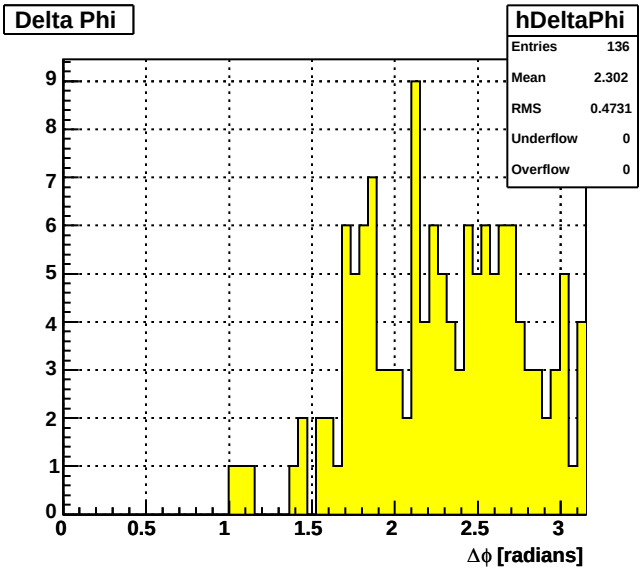

Invariant mass
hInvMass
Entries 136
Mean 9.011
RMS 1.761
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

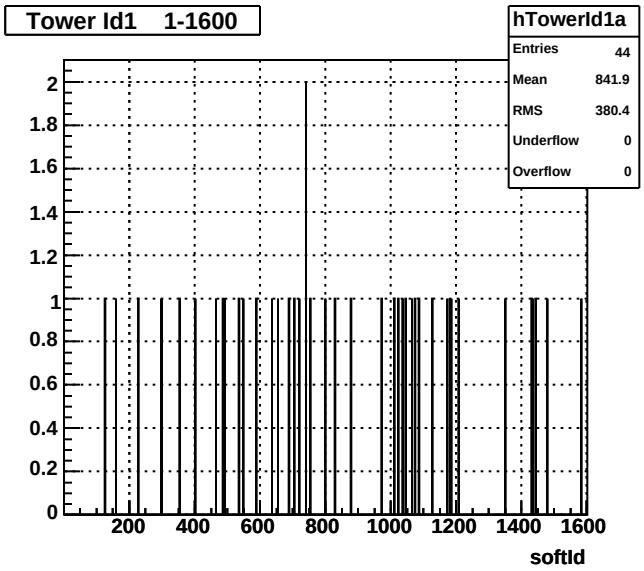

Opening angle
hCosTheta
Entries 136
Mean -0.5045
RMS 0.2859
Underflow 0
Overflow 0
cos θ

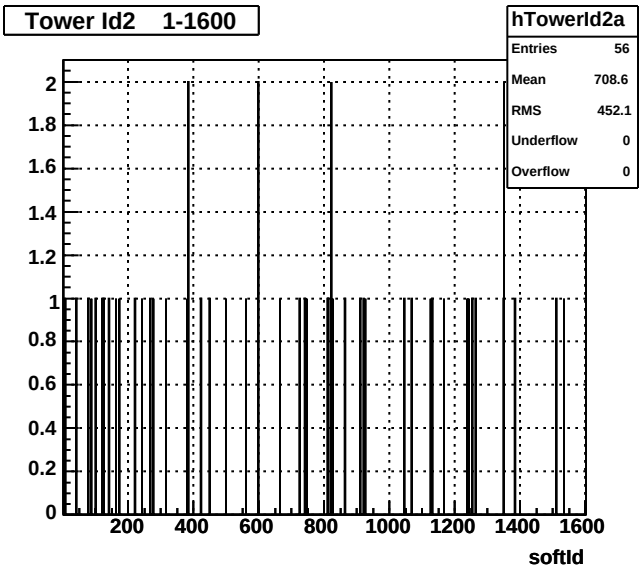

Number of hot towers
number of hot towers
events seen

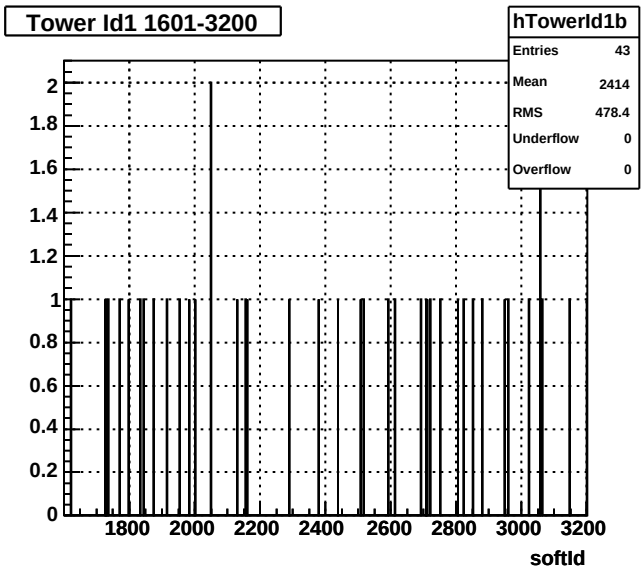

L2 processing time
hTime
Entries 136
Mean 280.4
RMS 49.87
Underflow 0
Overflow 25
time [μs]

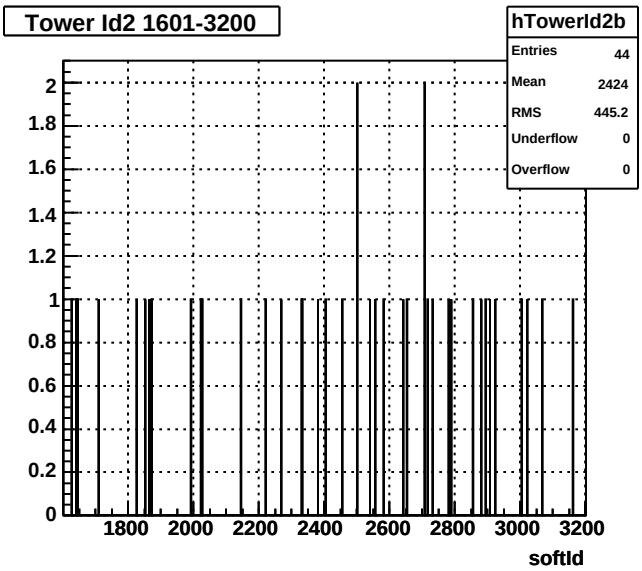

L0-L2 rejection rate
hL0L2RejectionRate
Entries 136
Mean 1.907
RMS 0.2711
Underflow 0
Overflow 0

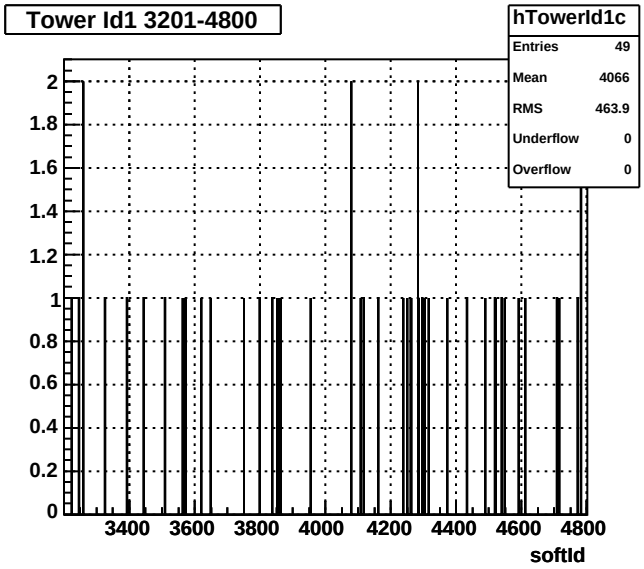

Delta Phi
hDeltaPhi
Entries 136
Mean 2.302
RMS 0.4731
Underflow 0
Overflow 0
Δφ [radians]

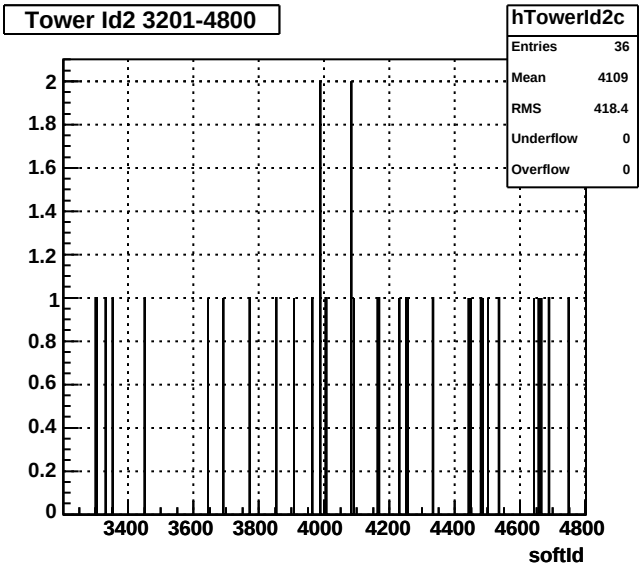

Tower Id1 1-1600
hTowerId1a
Entries 44
Mean 841.9
RMS 380.4
Underflow 0
Overflow 0
softId

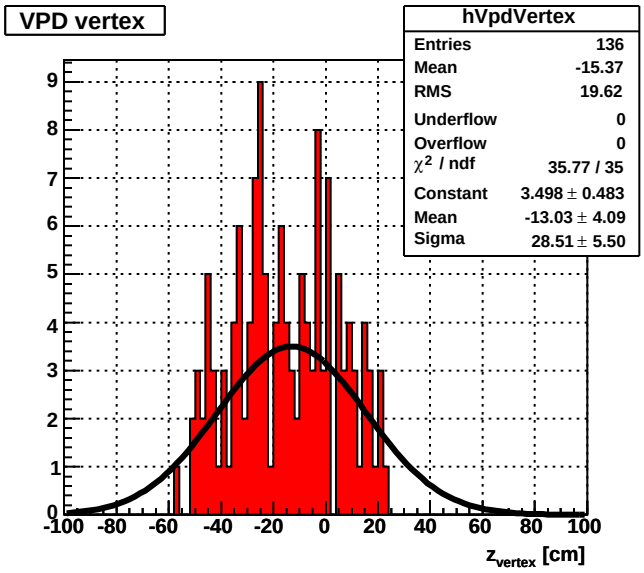

Tower Id2 1-1600
hTowerId2a
Entries 56
Mean 708.6
RMS 452.1
Underflow 0
Overflow 0
softId

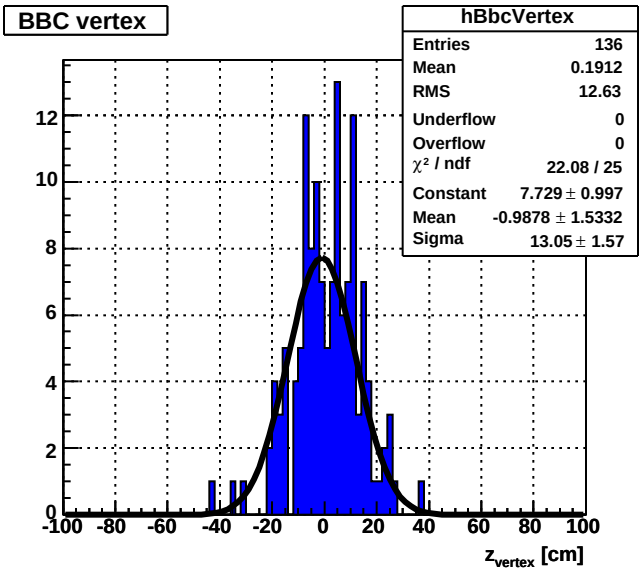

Tower Id1 1601-3200
hTowerId1b
Entries 43
Mean 2414
RMS 478.4
Underflow 0
Overflow 0
softId

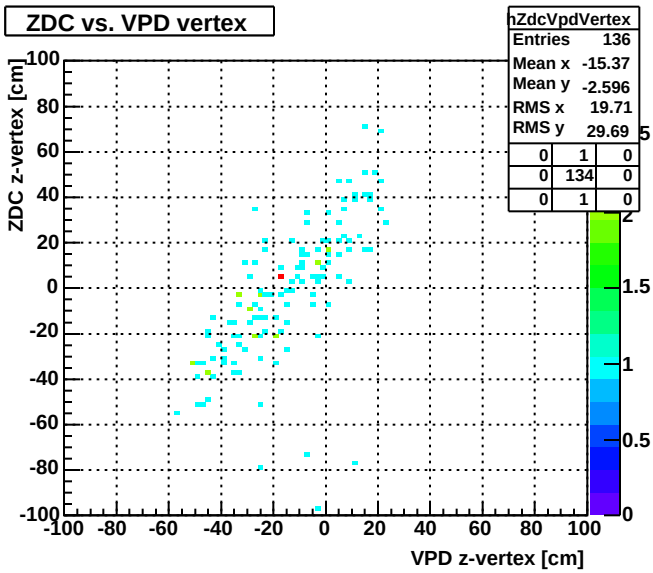

Tower Id2 1601-3200
hTowerId2b
Entries 44
Mean 2424
RMS 445.2
Underflow 0
Overflow 0
softId

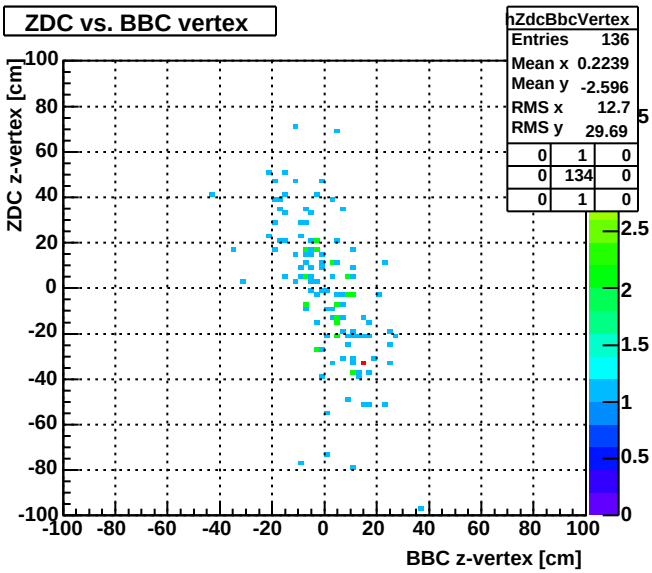

Tower Id1 3201-4800
hTowerId1c
Entries 49
Mean 4066
RMS 463.9
Underflow 0
Overflow 0
softId

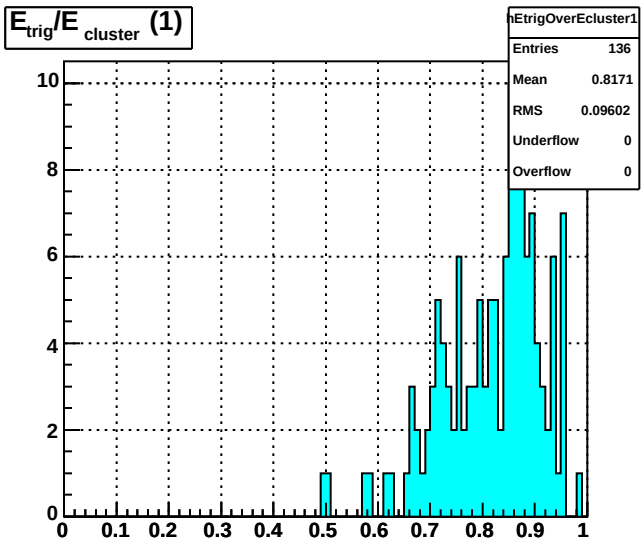

Tower Id2 3201-4800
hTowerId2c
Entries 36
Mean 4109
RMS 418.4
Underflow 0
Overflow 0
softId

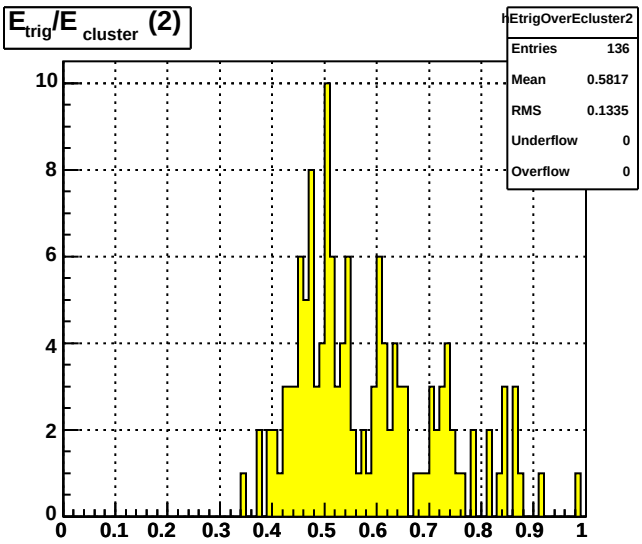

VPD vertex
hVpdVertex
Entries 136
Mean -15.37
RMS 19.62
Underflow 0
Overflow 0
χ² / ndf 35.77 / 35
Constant 3.498 ± 0.483
Mean -13.03 ± 4.09
Sigma 28.51 ± 5.50
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 136
Mean 0.1912
RMS 12.63
Underflow 0
Overflow 0
χ² / ndf 22.08 / 25
Constant 7.729 ± 0.997
Mean -0.9878 ± 1.5332
Sigma 13.05 ± 1.57
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 136
Mean x -15.37
Mean y -2.596
RMS x 19.71
RMS y 29.69
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 136
Mean x 0.2239
Mean y -2.596
RMS x 12.7
RMS y 29.69
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 136
Mean 0.8171
RMS 0.09602
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 136
Mean 0.5817
RMS 0.1335
Underflow 0
Overflow 0