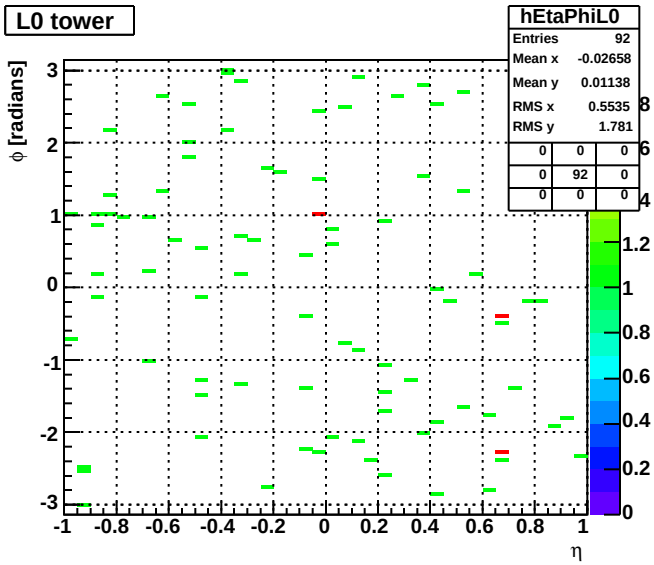
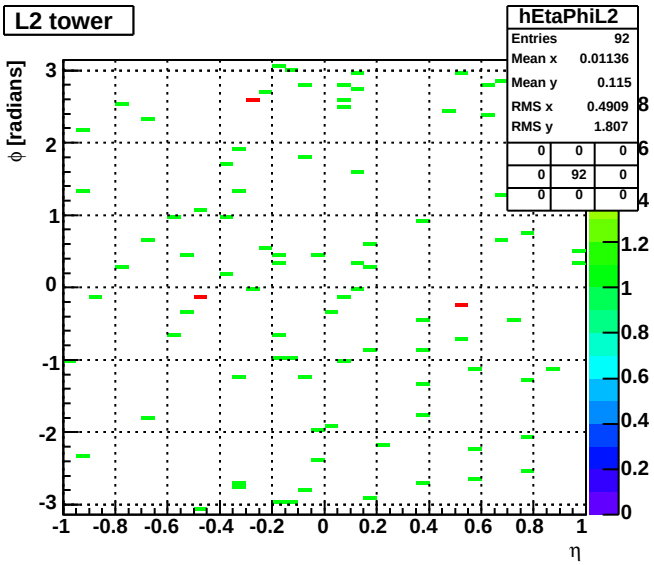
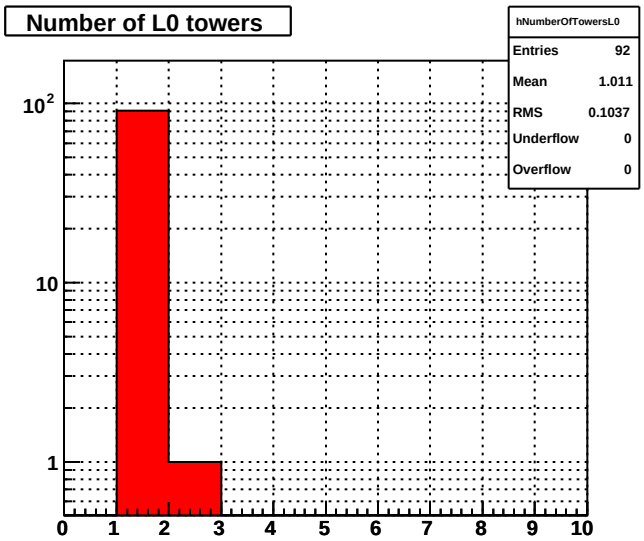
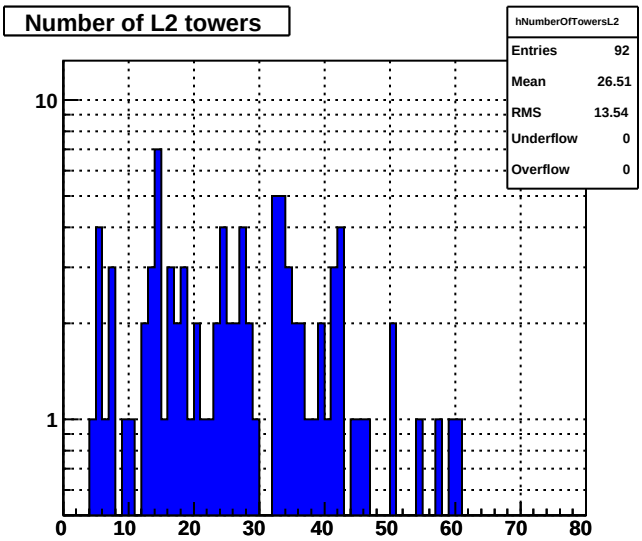
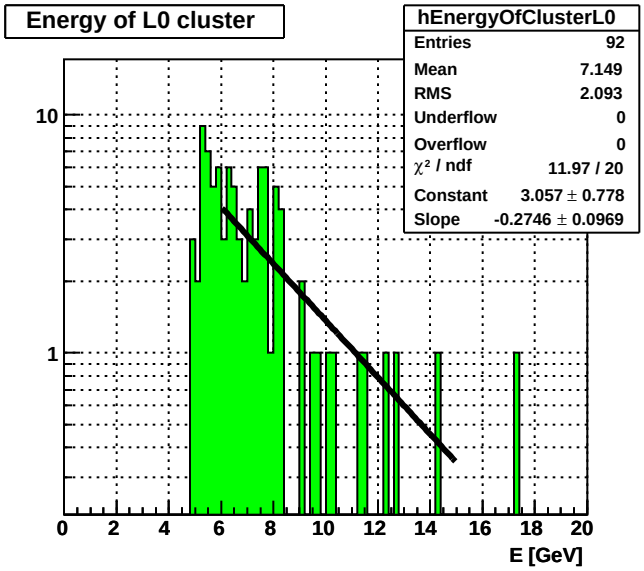
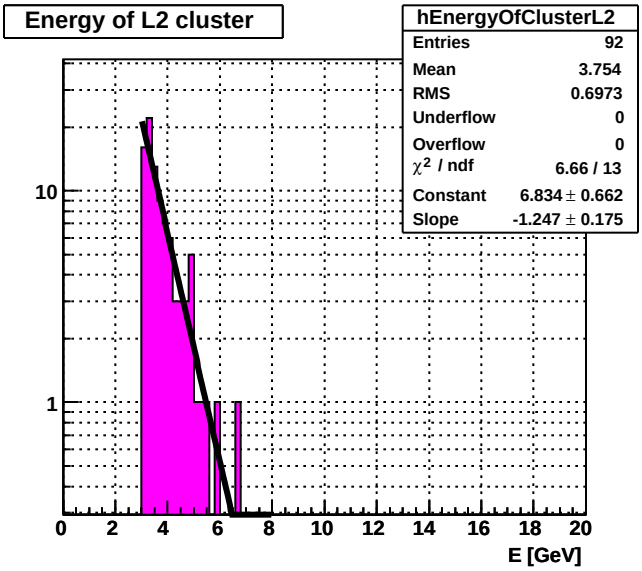

L0 tower
hEtaPhiL0
Entries 92
Mean x -0.02658
Mean y 0.01138
RMS x 0.5535
RMS y 1.781
φ [radians]
η

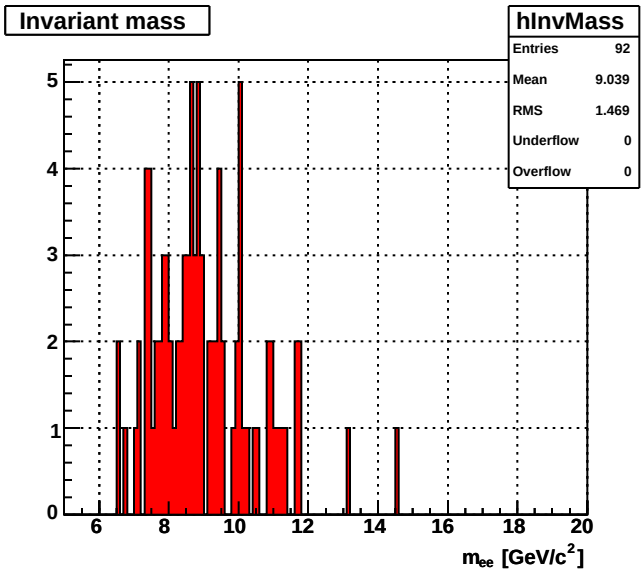

L2 tower
hEtaPhiL2
Entries 92
Mean x 0.01136
Mean y 0.115
RMS x 0.4909
RMS y 1.807
φ [radians]
η

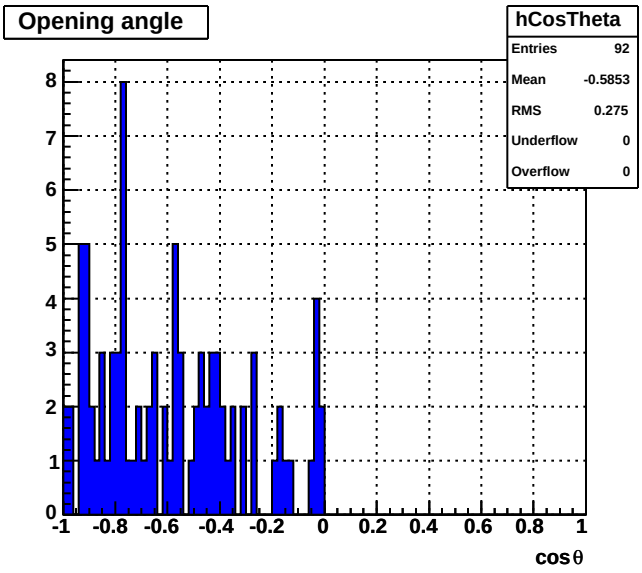

Number of L0 towers
hNumberOfTowersL0
Entries 92
Mean 1.011
RMS 0.1037
Underflow 0
Overflow 0

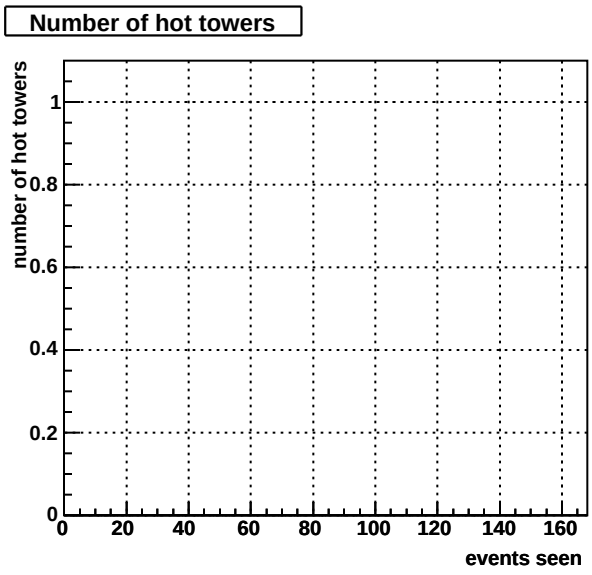

Number of L2 towers
hNumberOfTowersL2
Entries 92
Mean 26.51
RMS 13.54
Underflow 0
Overflow 0

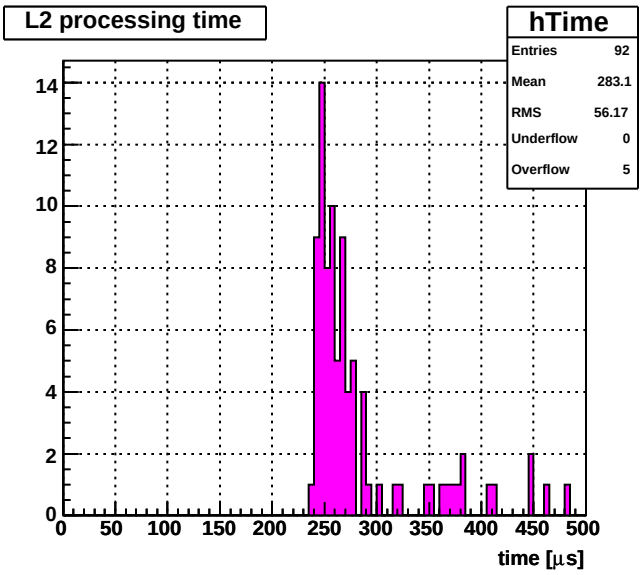

Energy of L0 cluster
hEnergyOfClusterL0
Entries 92
Mean 7.149
RMS 2.093
Underflow 0
Overflow 0
χ² / ndf 11.97 / 20
Constant 3.057 ± 0.778
Slope -0.2746 ± 0.0969
E [GeV]

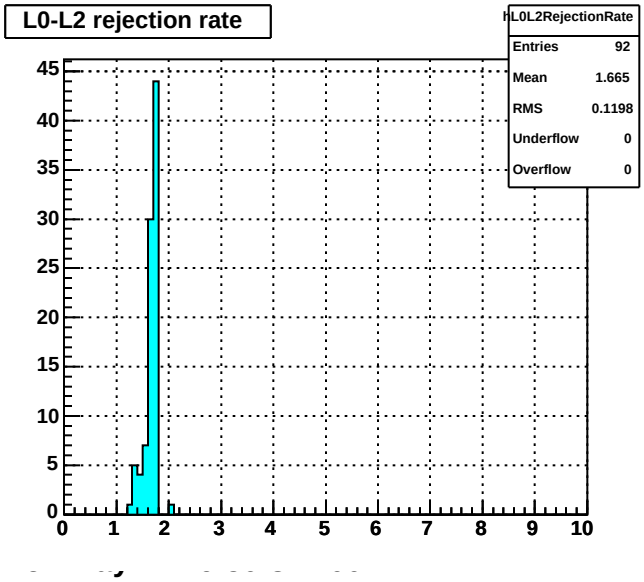

Energy of L2 cluster
hEnergyOfClusterL2
Entries 92
Mean 3.754
RMS 0.6973
Underflow 0
Overflow 0
χ² / ndf 6.66 / 13
Constant 6.834 ± 0.662
Slope -1.247 ± 0.175
E [GeV]

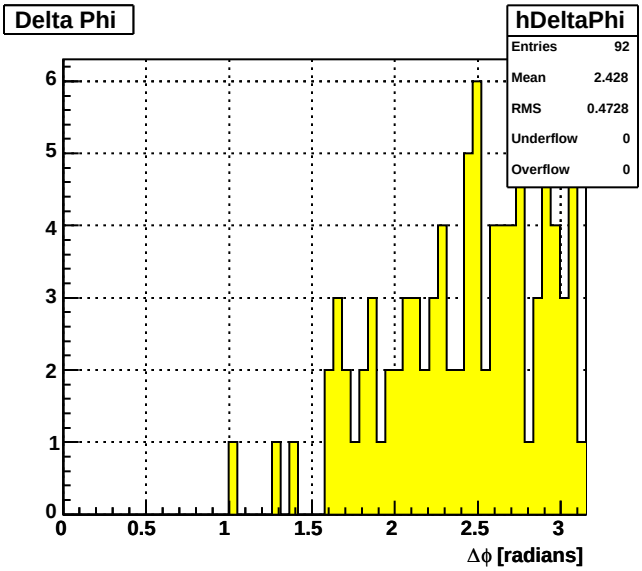

Invariant mass
hInvMass
Entries 92
Mean 9.039
RMS 1.469
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

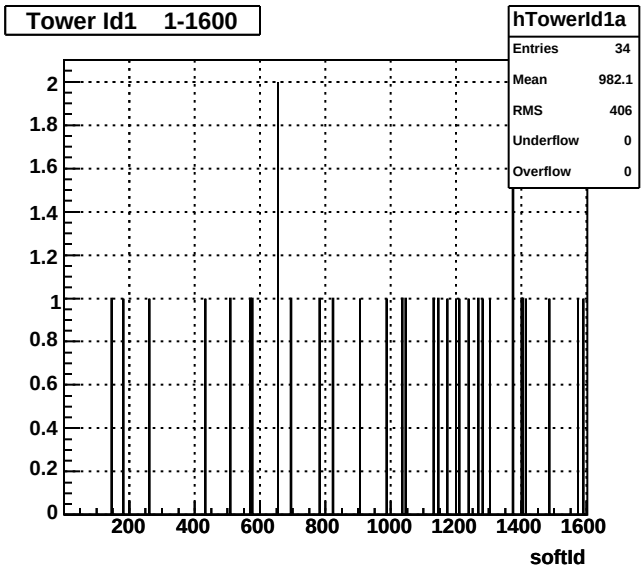

Opening angle
hCosTheta
Entries 92
Mean -0.5853
RMS 0.275
Underflow 0
Overflow 0
cos θ

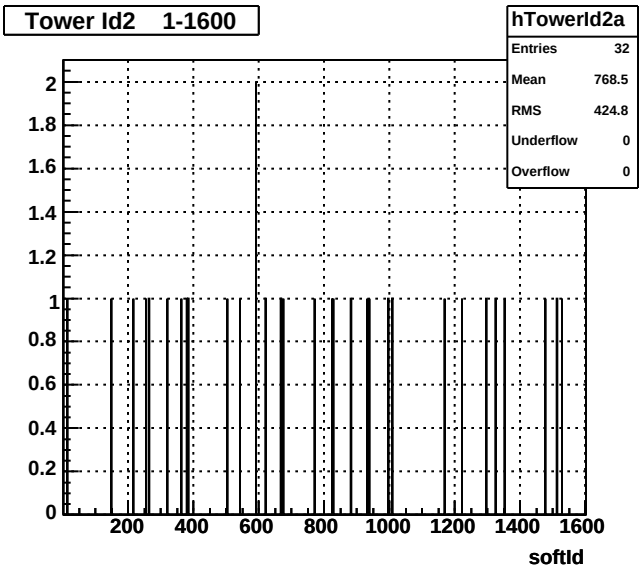

Number of hot towers
number of hot towers
events seen

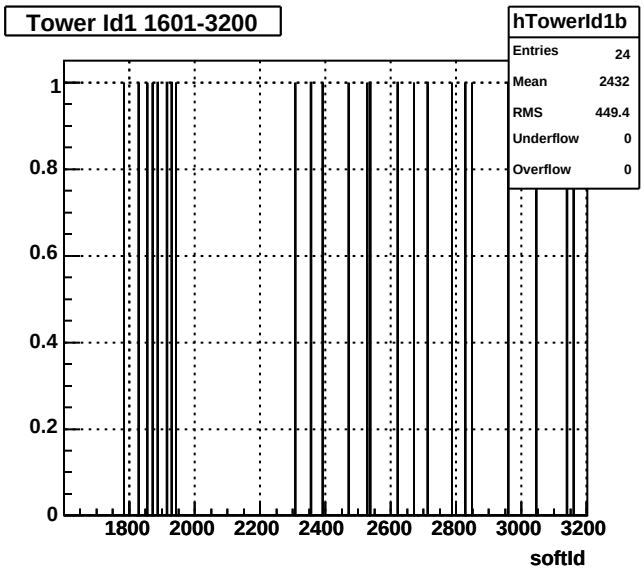

L2 processing time
hTime
Entries 92
Mean 283.1
RMS 56.17
Underflow 0
Overflow 5
time [μs]

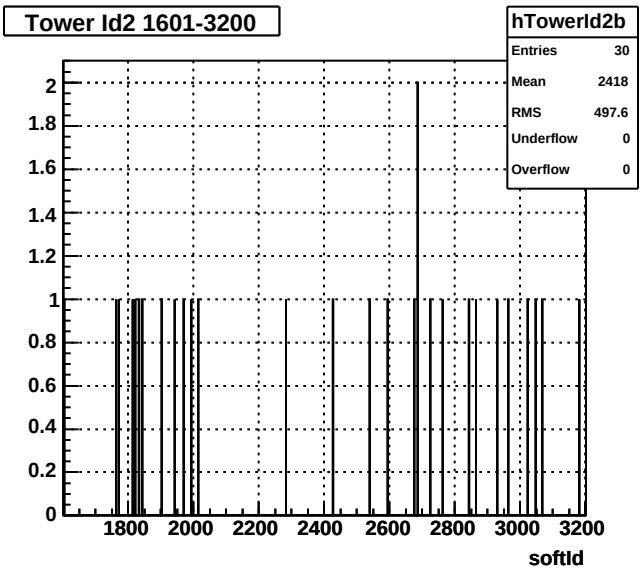

L0-L2 rejection rate
hL0L2RejectionRate
Entries 92
Mean 1.665
RMS 0.1198
Underflow 0
Overflow 0

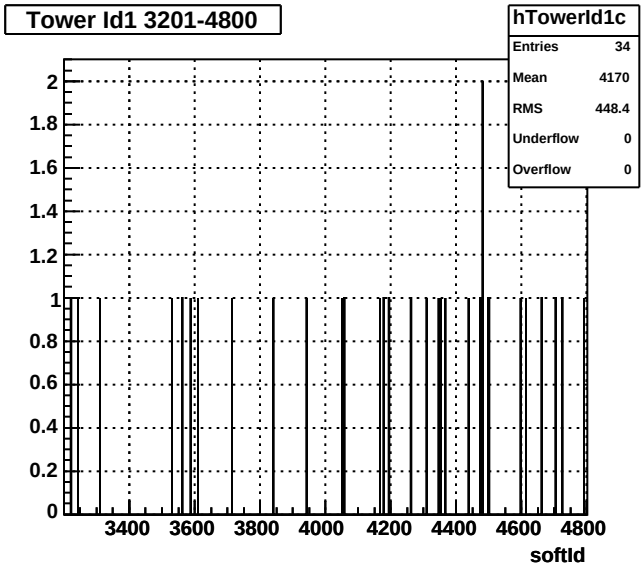

Delta Phi
hDeltaPhi
Entries 92
Mean 2.428
RMS 0.4728
Underflow 0
Overflow 0
Δφ [radians]

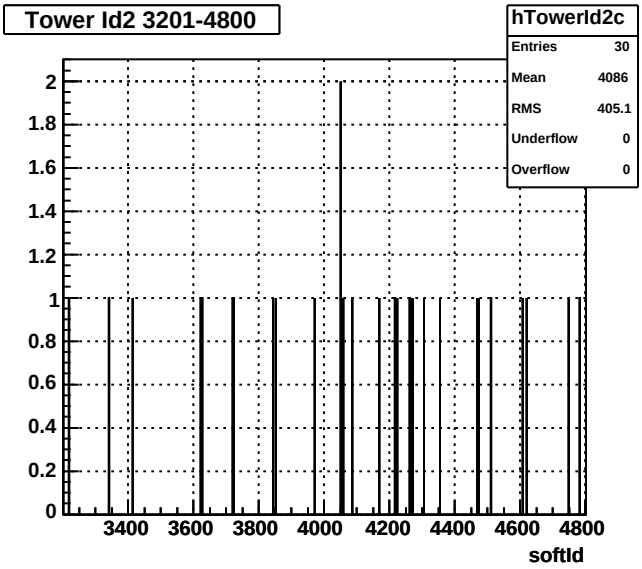

Tower Id1 1-1600
hTowerId1a
Entries 34
Mean 982.1
RMS 406
Underflow 0
Overflow 0
softId

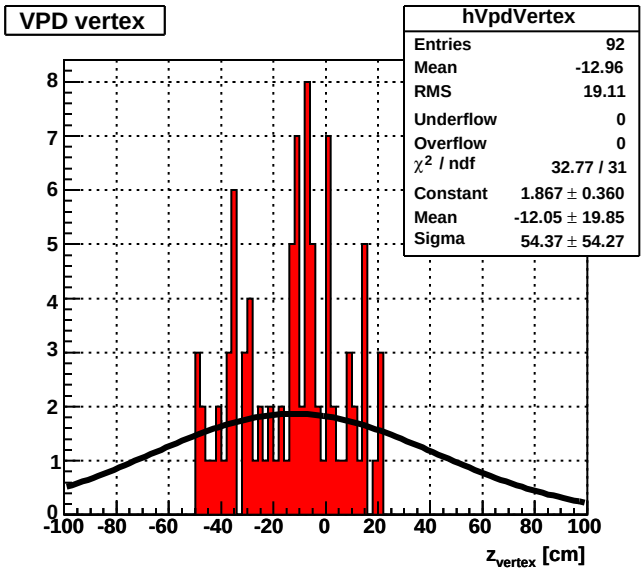

Tower Id2 1-1600
hTowerId2a
Entries 32
Mean 768.5
RMS 424.8
Underflow 0
Overflow 0
softId

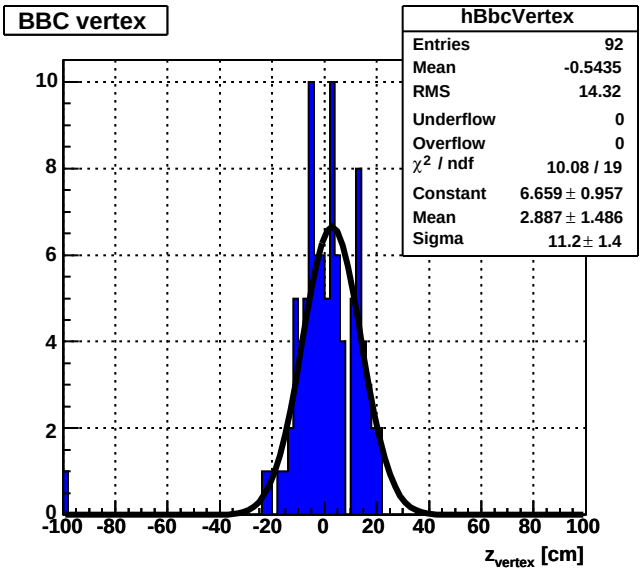

Tower Id1 1601-3200
hTowerId1b
Entries 24
Mean 2432
RMS 449.4
Underflow 0
Overflow 0
softId

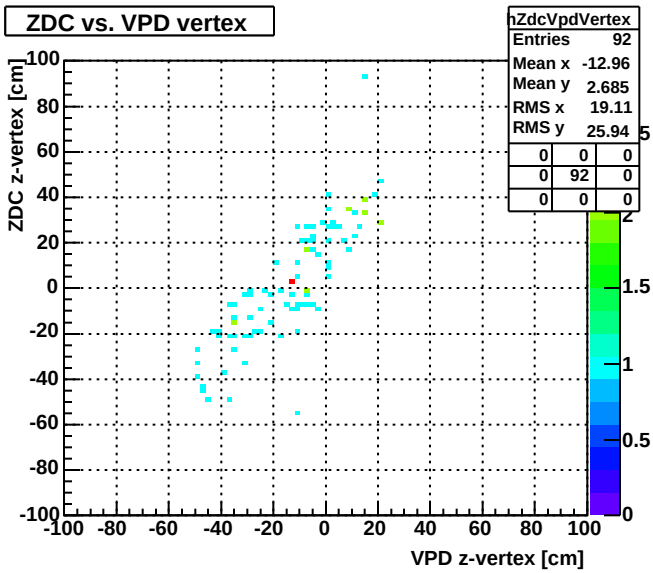

Tower Id2 1601-3200
hTowerId2b
Entries 30
Mean 2418
RMS 497.6
Underflow 0
Overflow 0
softId

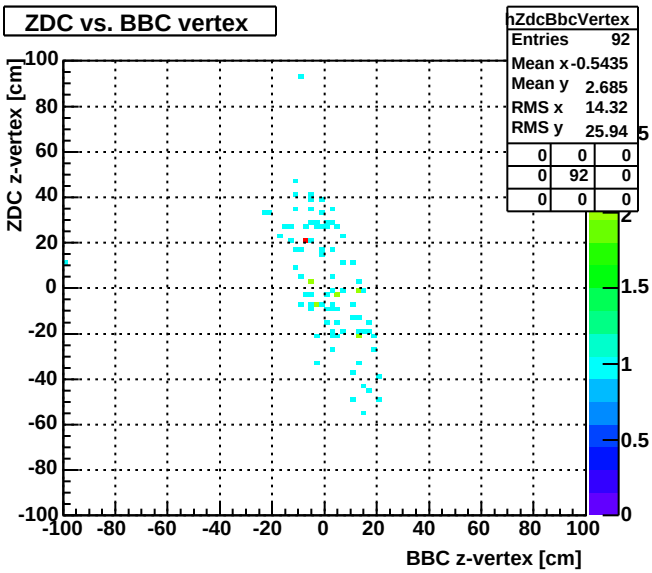

Tower Id1 3201-4800
hTowerId1c
Entries 34
Mean 4170
RMS 448.4
Underflow 0
Overflow 0
softId

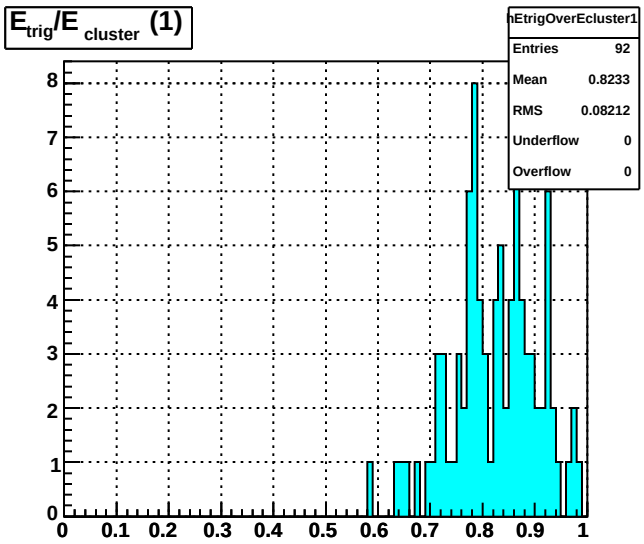

Tower Id2 3201-4800
hTowerId2c
Entries 30
Mean 4086
RMS 405.1
Underflow 0
Overflow 0
softId

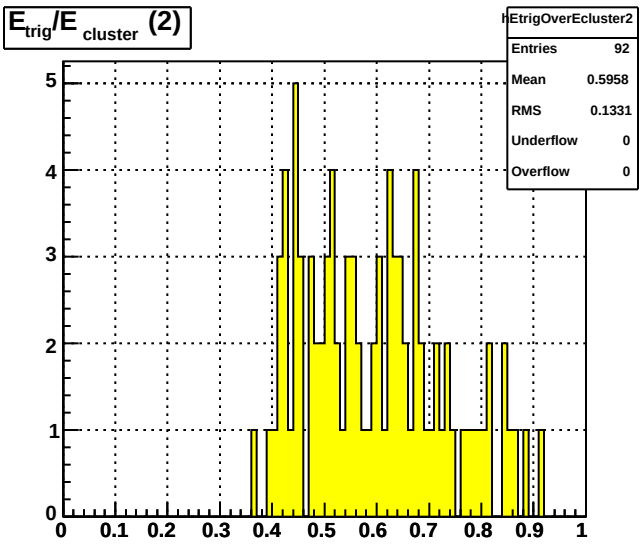

VPD vertex
hVpdVertex
Entries 92
Mean -12.96
RMS 19.11
Underflow 0
Overflow 0
χ² / ndf 32.77 / 31
Constant 1.867 ± 0.360
Mean -12.05 ± 19.85
Sigma 54.37 ± 54.27
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 92
Mean -0.5435
RMS 14.32
Underflow 0
Overflow 0
χ² / ndf 10.08 / 19
Constant 6.659 ± 0.957
Mean 2.887 ± 1.486
Sigma 11.2 ± 1.4
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 92
Mean x -12.96
Mean y 2.685
RMS x 19.11
RMS y 25.94
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 92
Mean x -0.5435
Mean y 2.685
RMS x 14.32
RMS y 25.94
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 92
Mean 0.8233
RMS 0.08212
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 92
Mean 0.5958
RMS 0.1331
Underflow 0
Overflow 0