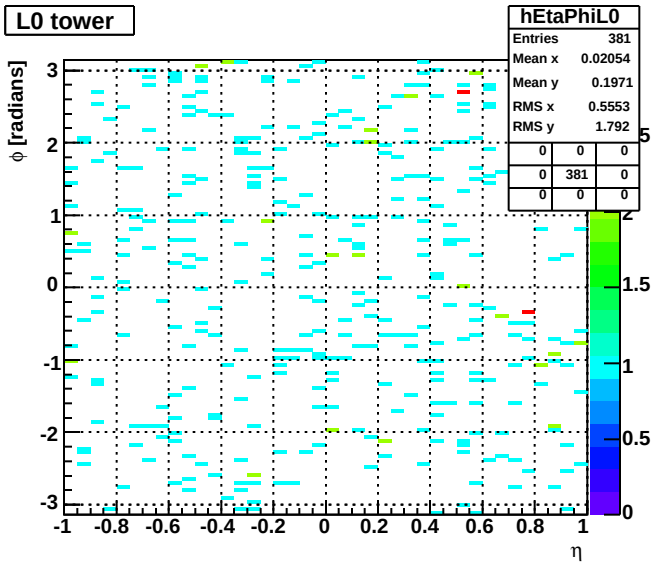
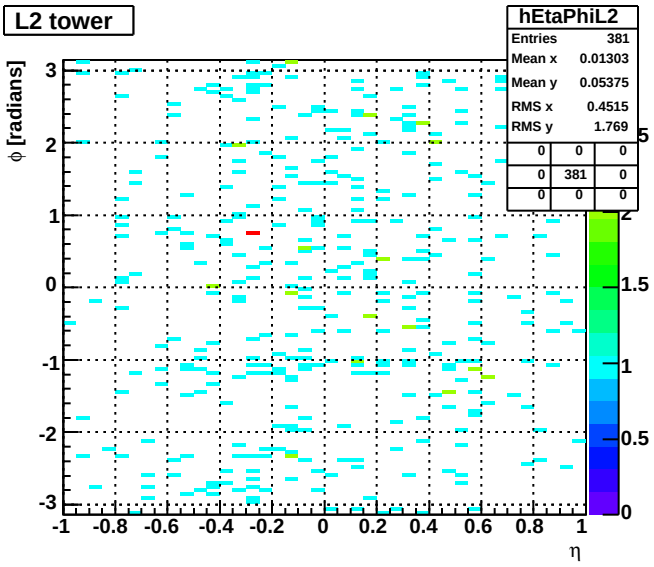
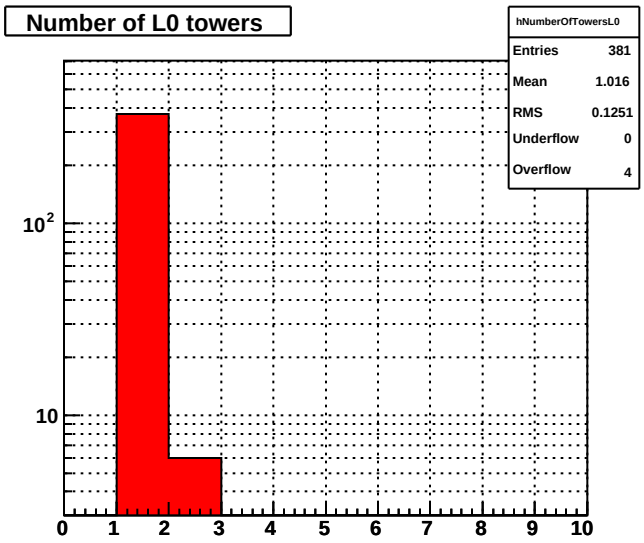
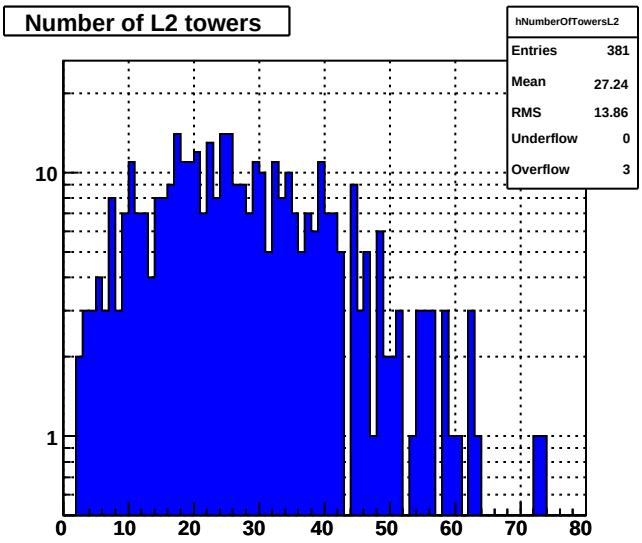
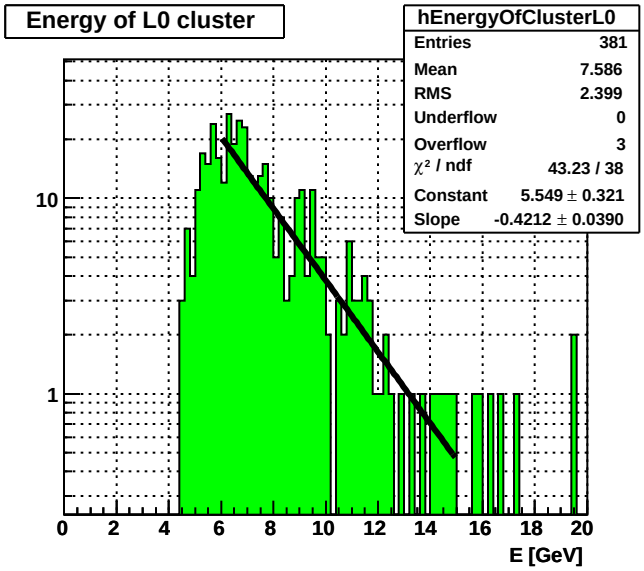
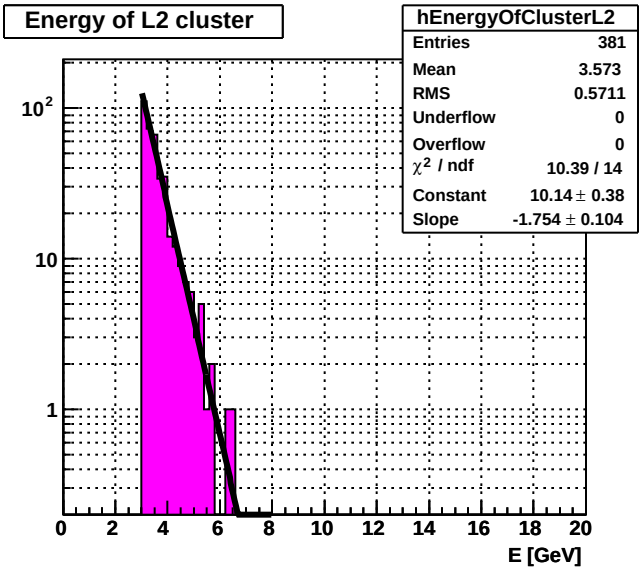

L0 tower
hEtaPhiL0
Entries 381
Mean x 0.02054
Mean y 0.1971
RMS x 0.5553
RMS y 1.792
φ [radians]
η

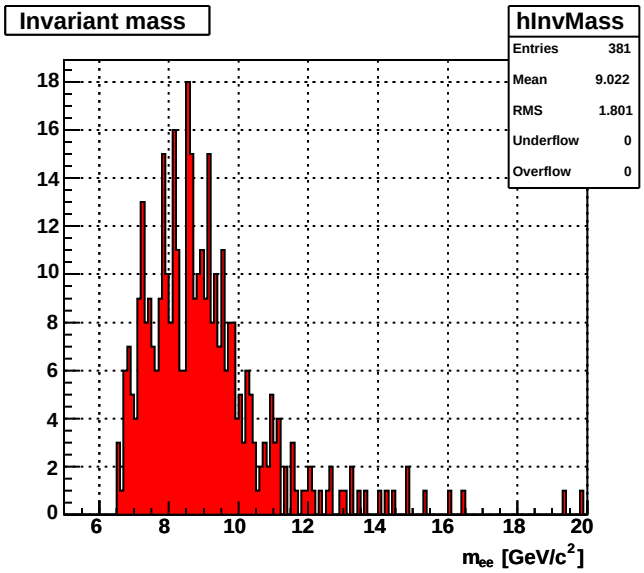

L2 tower
hEtaPhiL2
Entries 381
Mean x 0.01303
Mean y 0.05375
RMS x 0.4515
RMS y 1.769
φ [radians]
η

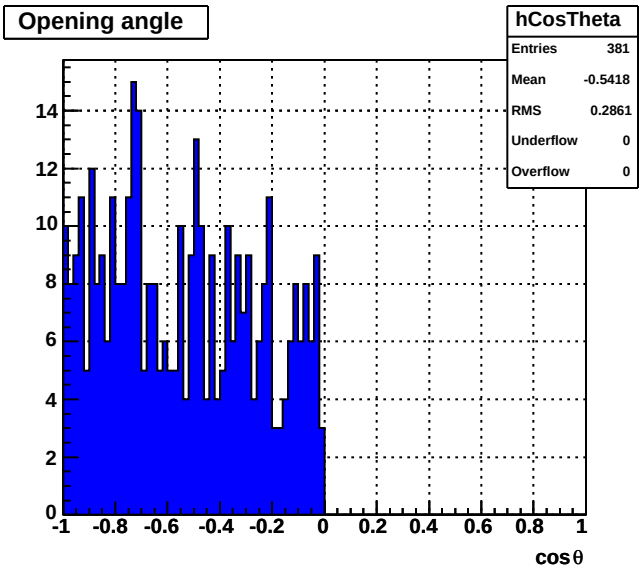

Number of L0 towers
hNumberOfTowersL0
Entries 381
Mean 1.016
RMS 0.1251
Underflow 0
Overflow 4

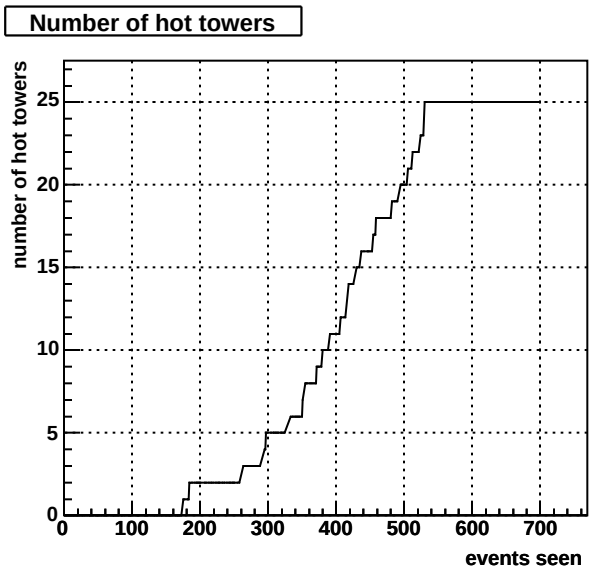

Number of L2 towers
hNumberOfTowersL2
Entries 381
Mean 27.24
RMS 13.86
Underflow 0
Overflow 3

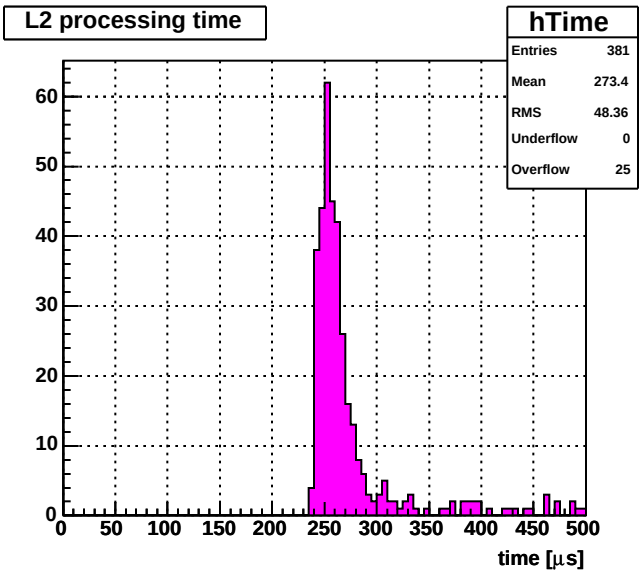

Energy of L0 cluster
hEnergyOfClusterL0
Entries 381
Mean 7.586
RMS 2.399
Underflow 0
Overflow 3
χ² / ndf 43.23 / 38
Constant 5.549 ± 0.321
Slope -0.4212 ± 0.0390
E [GeV]

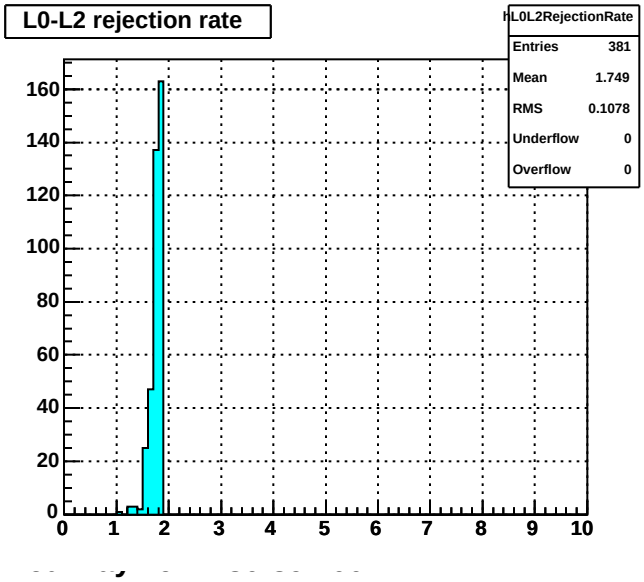

Energy of L2 cluster
hEnergyOfClusterL2
Entries 381
Mean 3.573
RMS 0.5711
Underflow 0
Overflow 0
χ² / ndf 10.39 / 14
Constant 10.14 ± 0.38
Slope -1.754 ± 0.104
E [GeV]

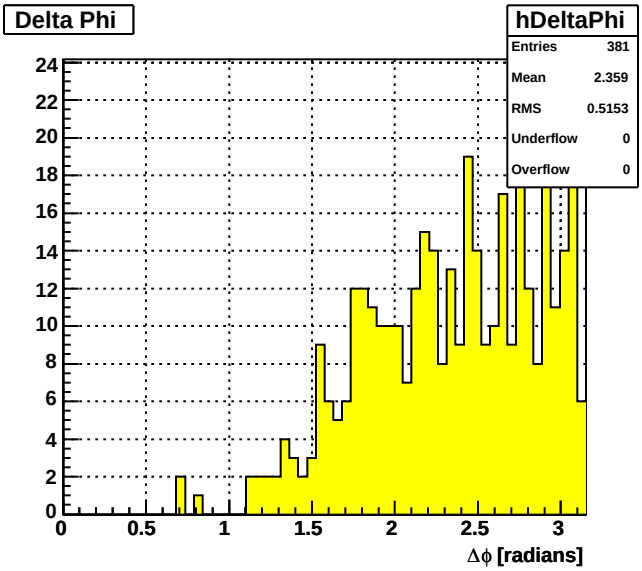

Invariant mass
hInvMass
Entries 381
Mean 9.022
RMS 1.801
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

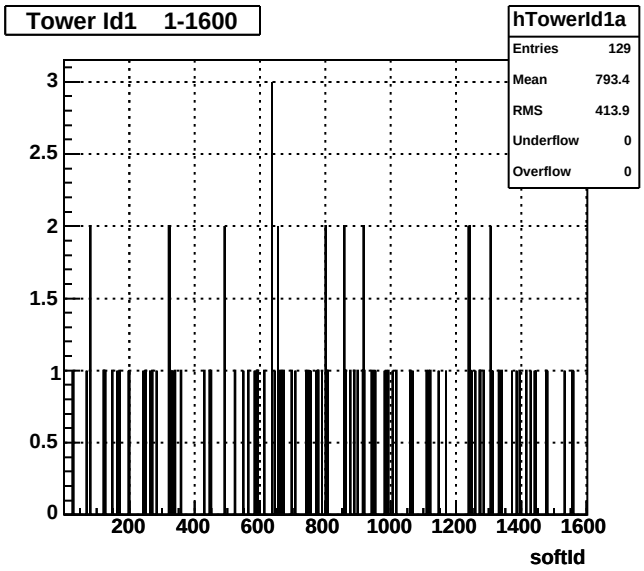

Opening angle
hCosTheta
Entries 381
Mean -0.5418
RMS 0.2861
Underflow 0
Overflow 0
cos θ

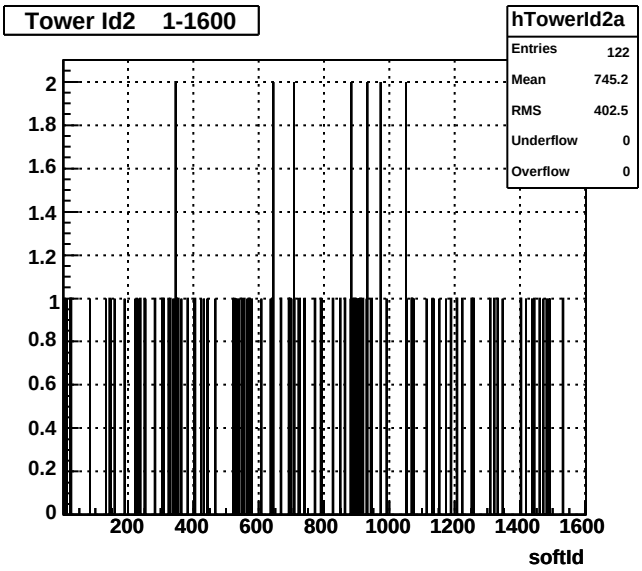

Number of hot towers
number of hot towers
events seen

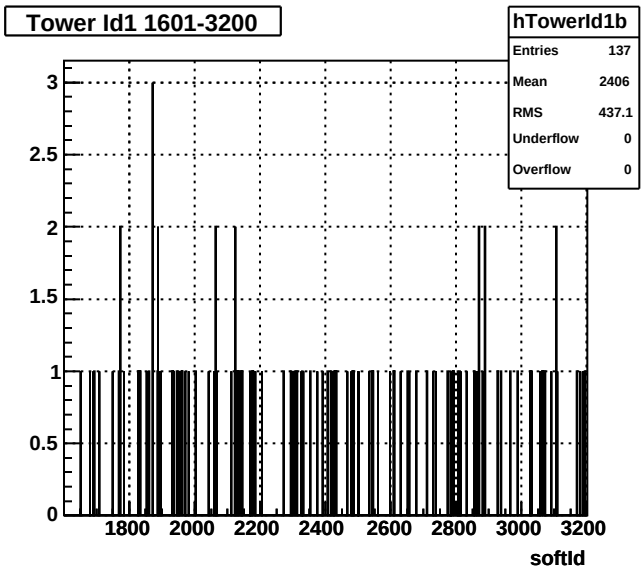

L2 processing time
hTime
Entries 381
Mean 273.4
RMS 48.36
Underflow 0
Overflow 25
time [μs]

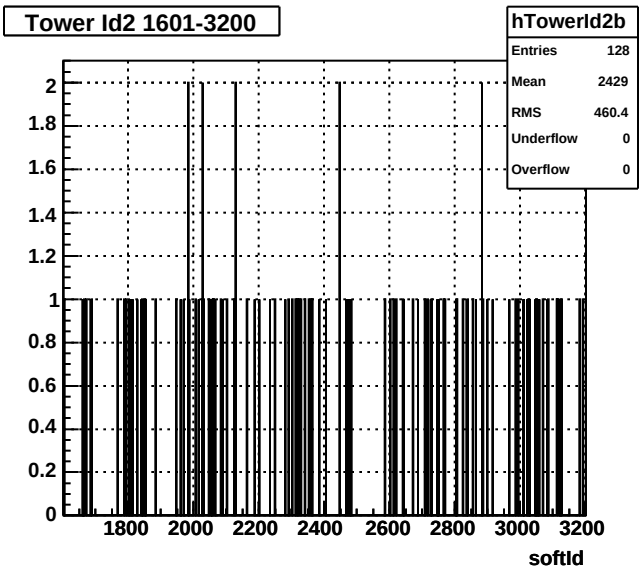

L0-L2 rejection rate
hL0L2RejectionRate
Entries 381
Mean 1.749
RMS 0.1078
Underflow 0
Overflow 0

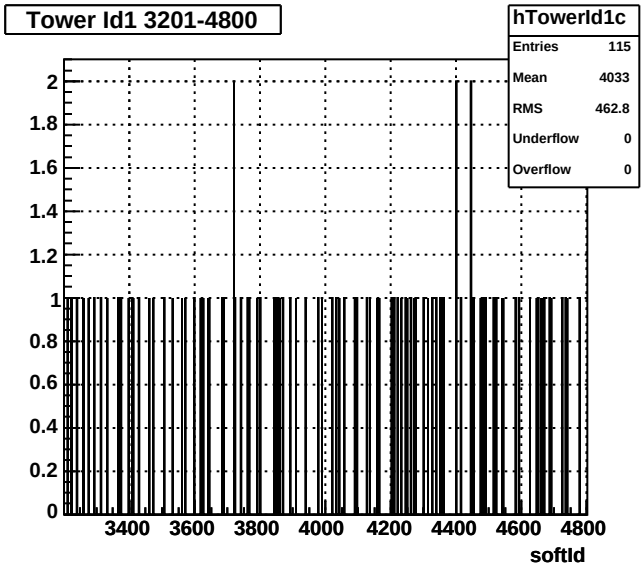

Delta Phi
hDeltaPhi
Entries 381
Mean 2.359
RMS 0.5153
Underflow 0
Overflow 0
Δφ [radians]

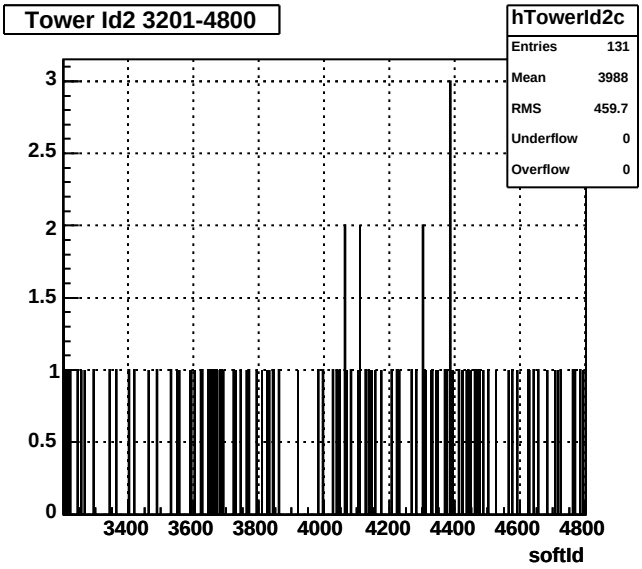

Tower Id1 1-1600
hTowerId1a
Entries 129
Mean 793.4
RMS 413.9
Underflow 0
Overflow 0
softId

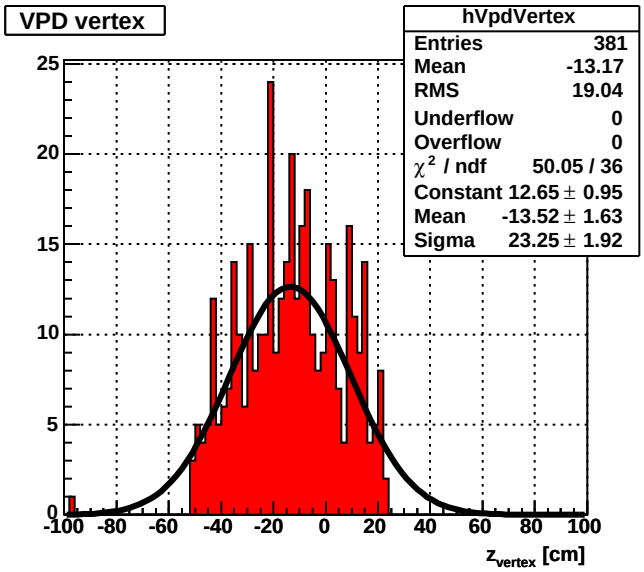

Tower Id2 1-1600
hTowerId2a
Entries 122
Mean 745.2
RMS 402.5
Underflow 0
Overflow 0
softId

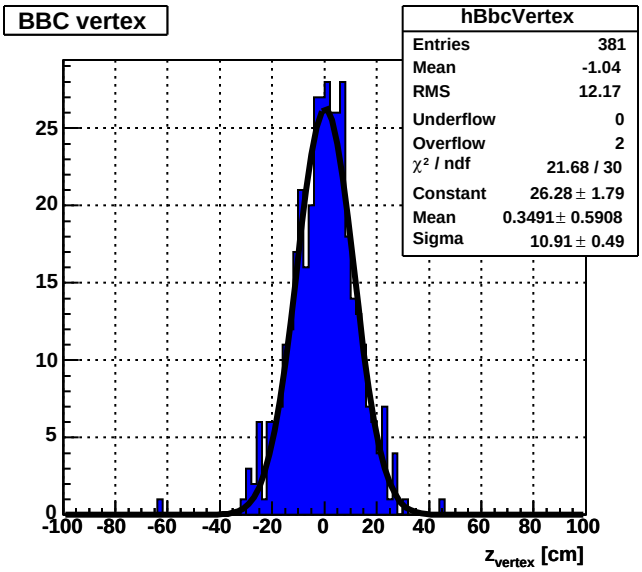

Tower Id1 1601-3200
hTowerId1b
Entries 137
Mean 2406
RMS 437.1
Underflow 0
Overflow 0
softId

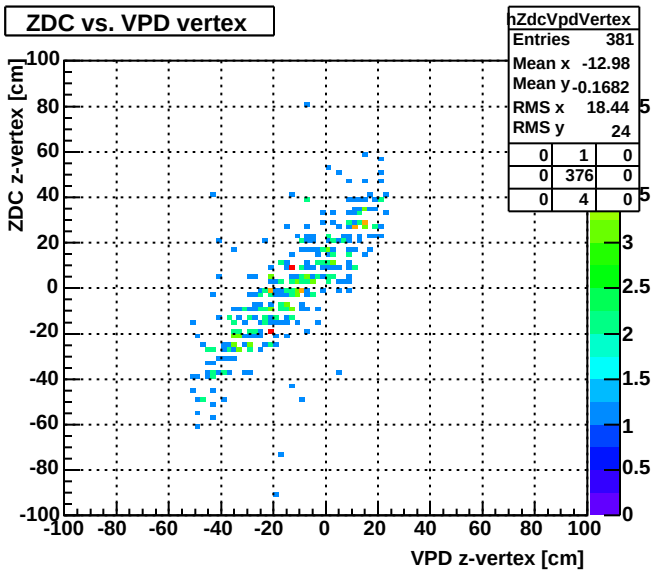

Tower Id2 1601-3200
hTowerId2b
Entries 128
Mean 2429
RMS 460.4
Underflow 0
Overflow 0
softId

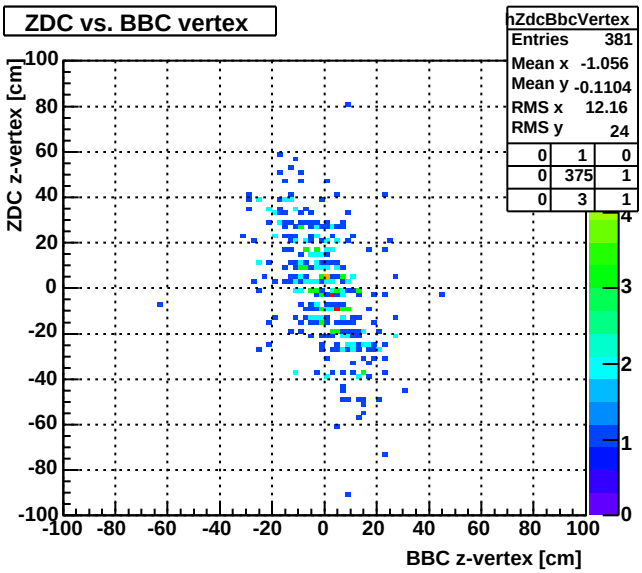

Tower Id1 3201-4800
hTowerId1c
Entries 115
Mean 4033
RMS 462.8
Underflow 0
Overflow 0
softId

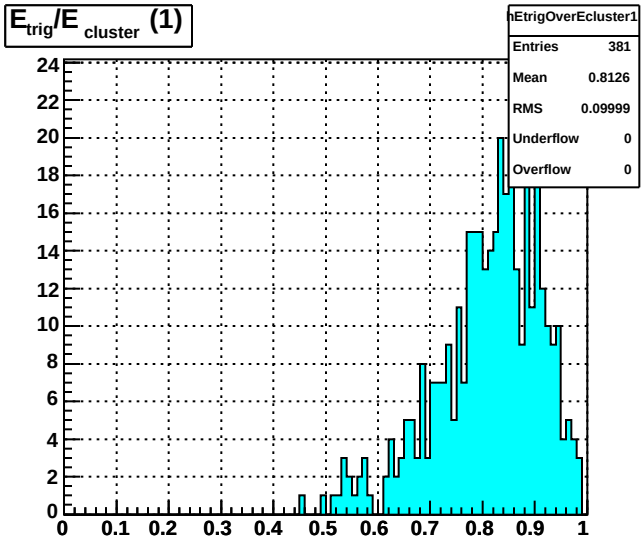

Tower Id2 3201-4800
hTowerId2c
Entries 131
Mean 3988
RMS 459.7
Underflow 0
Overflow 0
softId

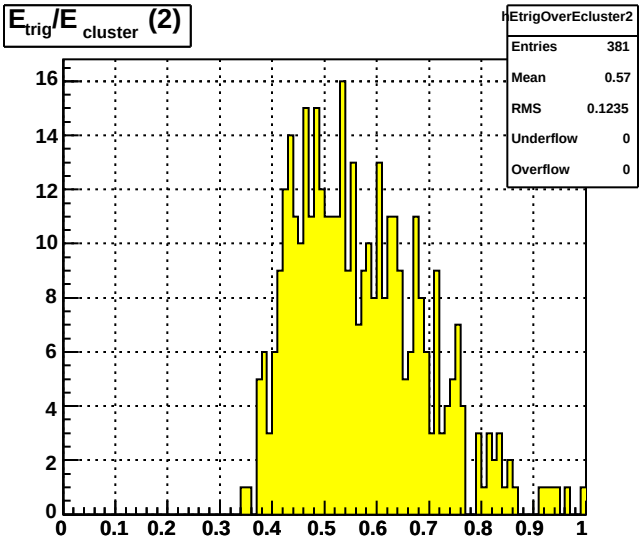

VPD vertex
hVpdVertex
Entries 381
Mean -13.17
RMS 19.04
Underflow 0
Overflow 0
χ² / ndf 50.05 / 36
Constant 12.65 ± 0.95
Mean -13.52 ± 1.63
Sigma 23.25 ± 1.92
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 381
Mean -1.04
RMS 12.17
Underflow 0
Overflow 2
χ² / ndf 21.68 / 30
Constant 26.28 ± 1.79
Mean 0.3491 ± 0.5908
Sigma 10.91 ± 0.49
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 381
Mean x -12.98
Mean y -0.1682
RMS x 18.44
RMS y 24
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 381
Mean x -1.056
Mean y -0.1104
RMS x 12.16
RMS y 24
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 381
Mean 0.8126
RMS 0.09999
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 381
Mean 0.57
RMS 0.1235
Underflow 0
Overflow 0