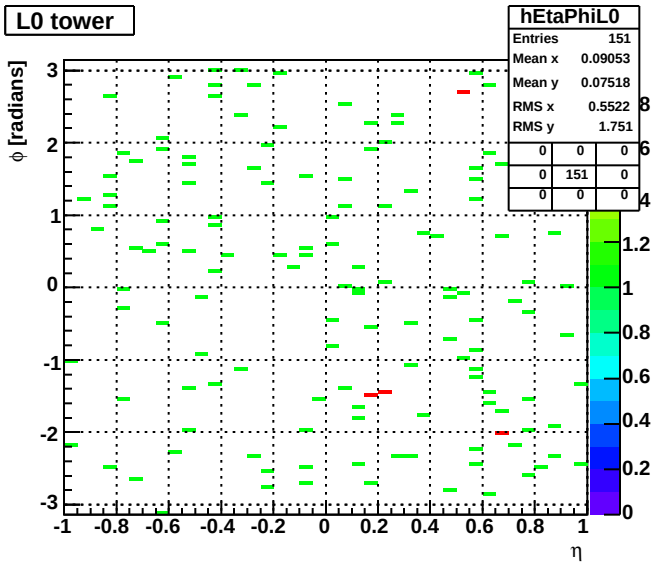
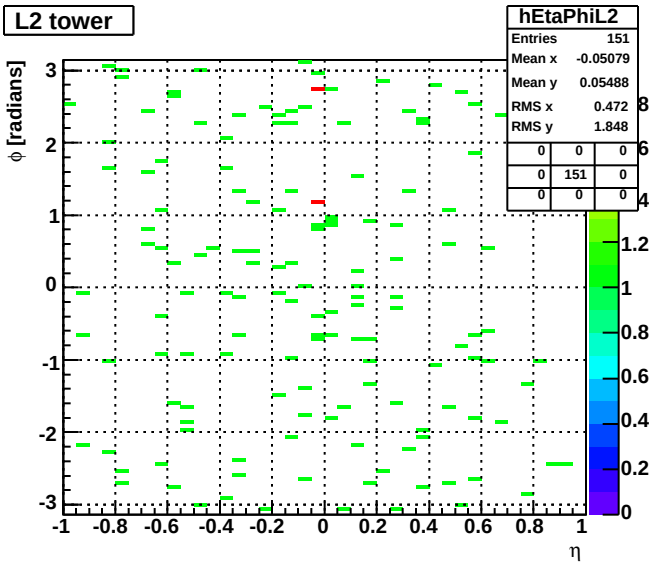
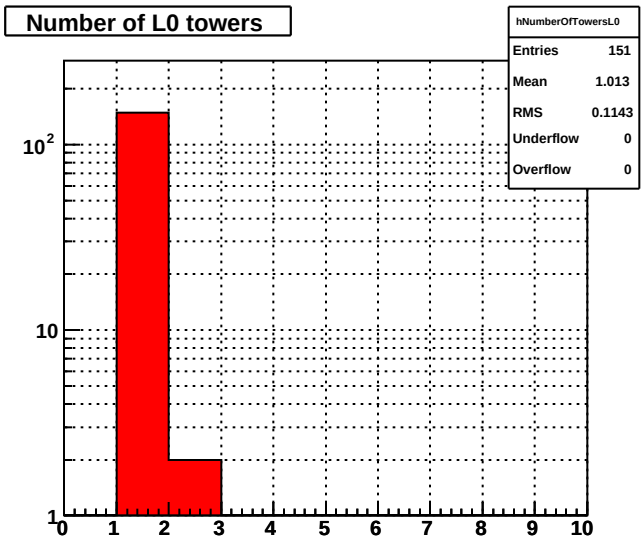
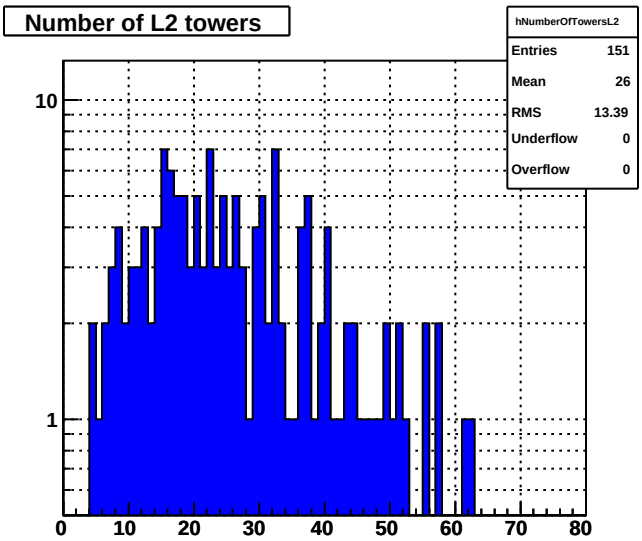
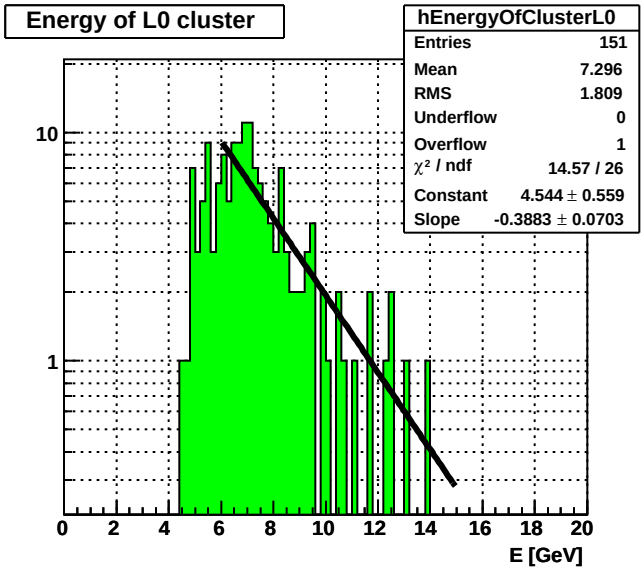
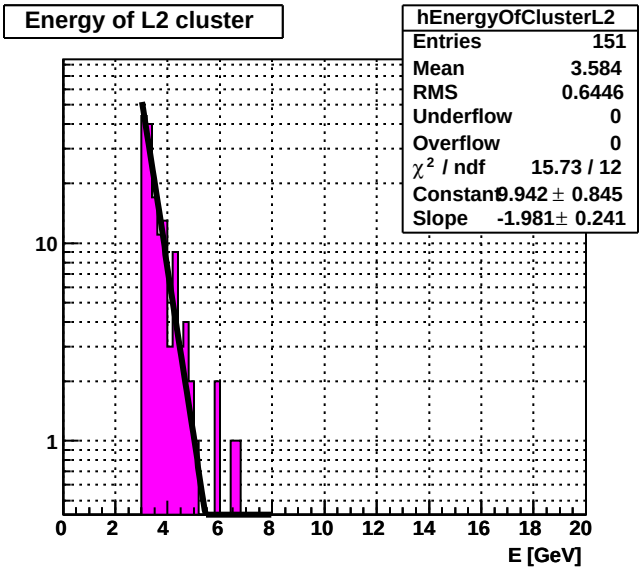

L0 tower
hEtaPhiL0
Entries 151
Mean x 0.09053
Mean y 0.07518
RMS x 0.5522
RMS y 1.751
φ [radians]
η

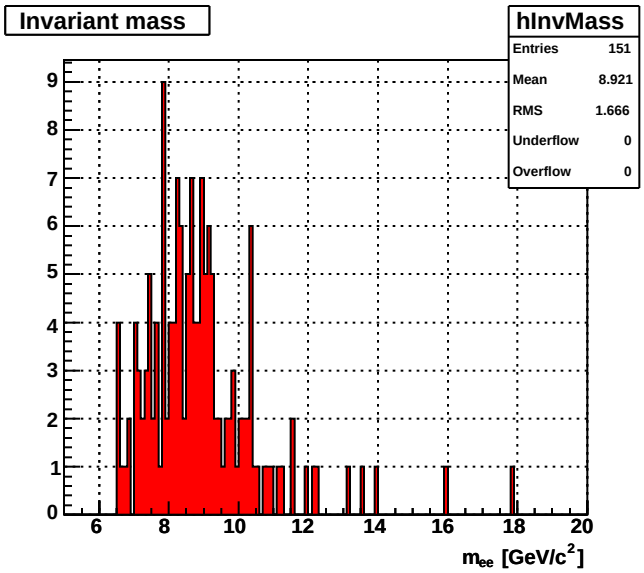

L2 tower
hEtaPhiL2
Entries 151
Mean x -0.05079
Mean y 0.05488
RMS x 0.472
RMS y 1.848
φ [radians]
η

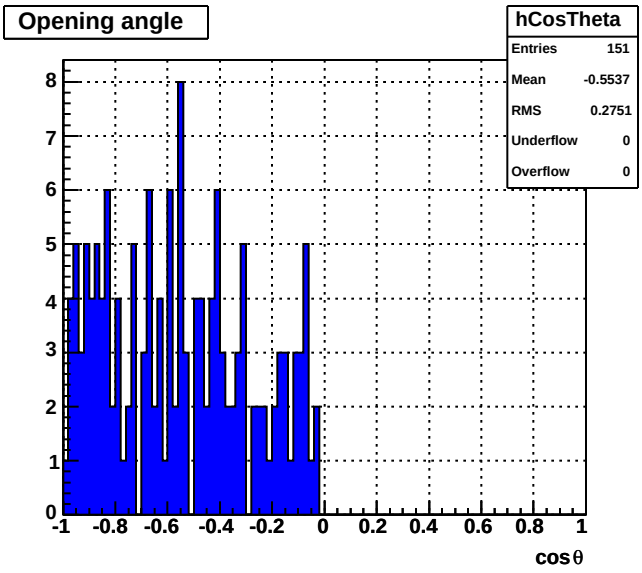

Number of L0 towers
hNumberOfTowersL0
Entries 151
Mean 1.013
RMS 0.1143
Underflow 0
Overflow 0

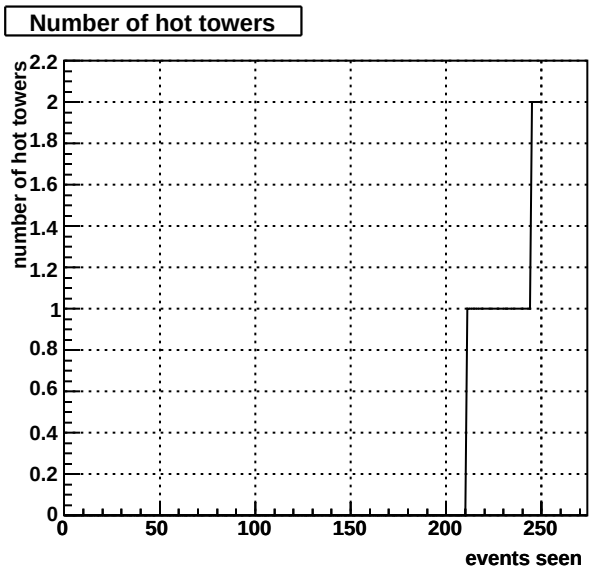

Number of L2 towers
hNumberOfTowersL2
Entries 151
Mean 26
RMS 13.39
Underflow 0
Overflow 0

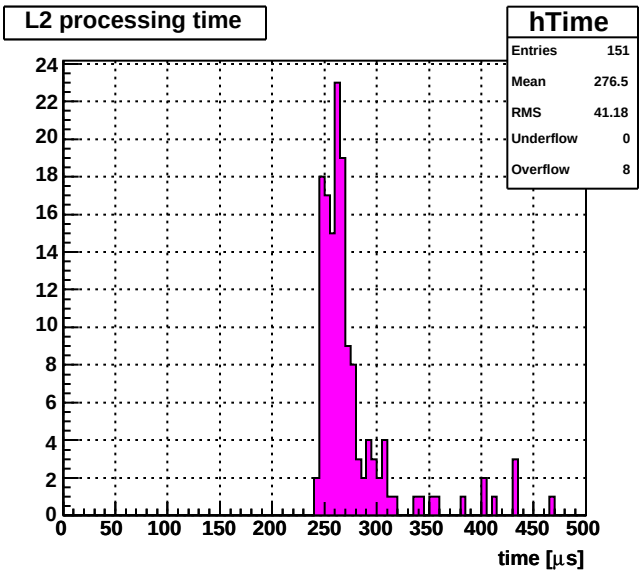

Energy of L0 cluster
hEnergyOfClusterL0
Entries 151
Mean 7.296
RMS 1.809
Underflow 0
Overflow 1
χ² / ndf 14.57 / 26
Constant 4.544 ± 0.559
Slope -0.3883 ± 0.0703
E [GeV]

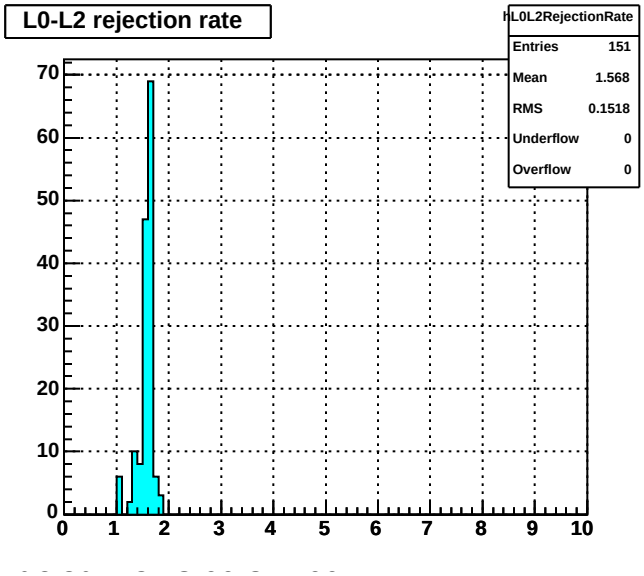

Energy of L2 cluster
hEnergyOfClusterL2
Entries 151
Mean 3.584
RMS 0.6446
Underflow 0
Overflow 0
χ² / ndf 15.73 / 12
Constant 9.942 ± 0.845
Slope -1.981 ± 0.241
E [GeV]

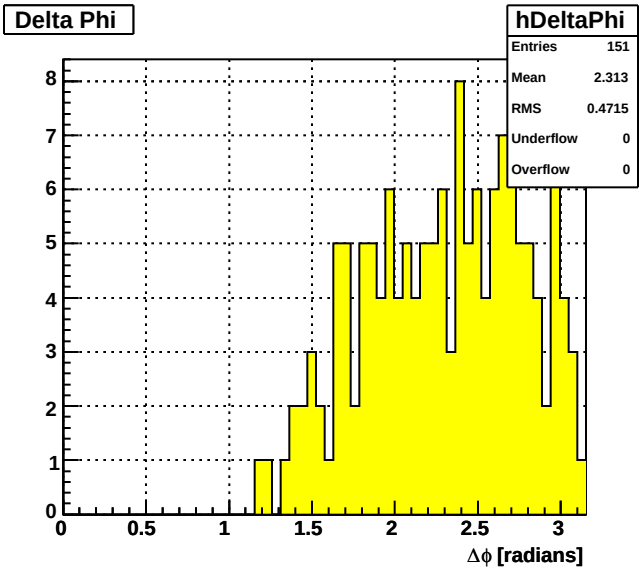

Invariant mass
hInvMass
Entries 151
Mean 8.921
RMS 1.666
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

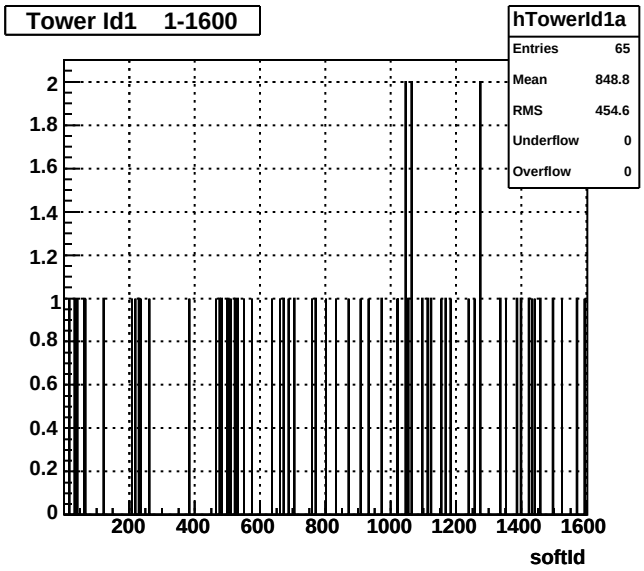

Opening angle
hCosTheta
Entries 151
Mean -0.5537
RMS 0.2751
Underflow 0
Overflow 0
cos θ

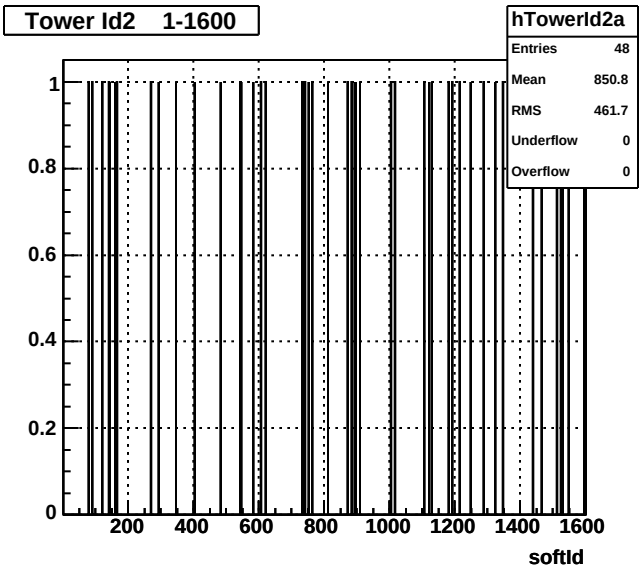

Number of hot towers
number of hot towers
events seen

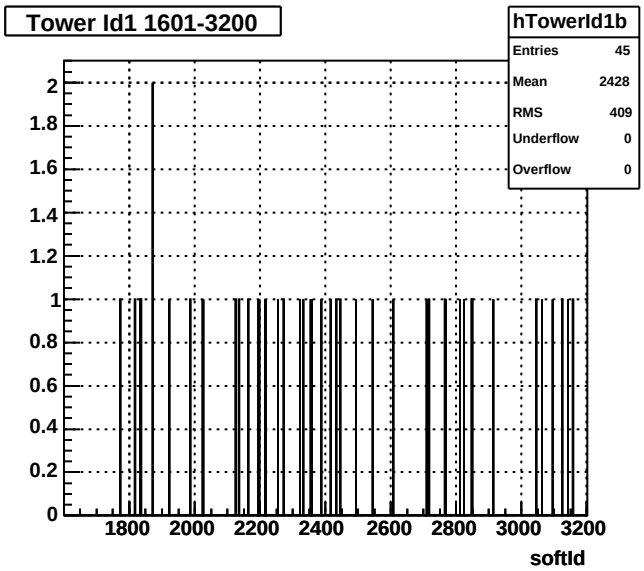

L2 processing time
hTime
Entries 151
Mean 276.5
RMS 41.18
Underflow 0
Overflow 8
time [μs]

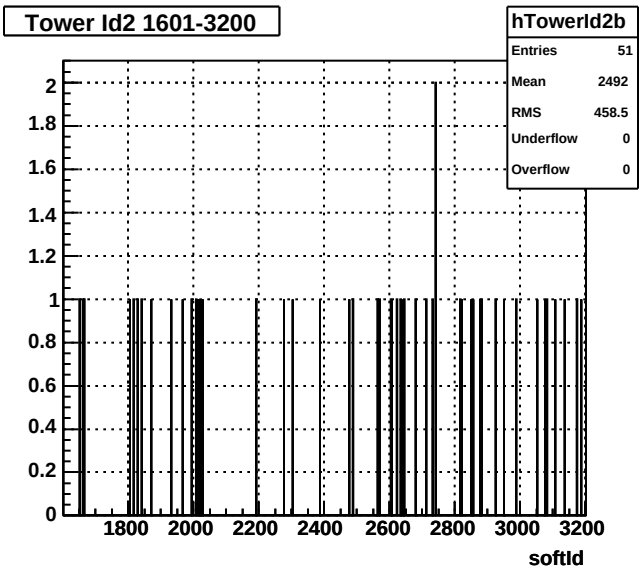

L0-L2 rejection rate
hL0L2RejectionRate
Entries 151
Mean 1.568
RMS 0.1518
Underflow 0
Overflow 0

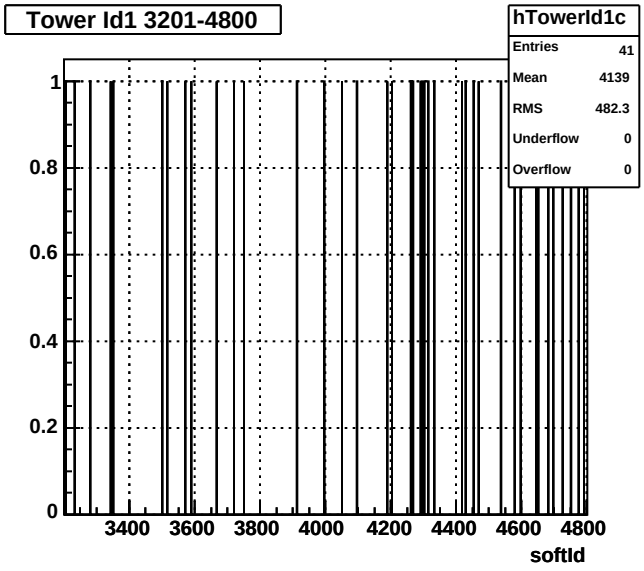

Delta Phi
hDeltaPhi
Entries 151
Mean 2.313
RMS 0.4715
Underflow 0
Overflow 0
Δφ [radians]

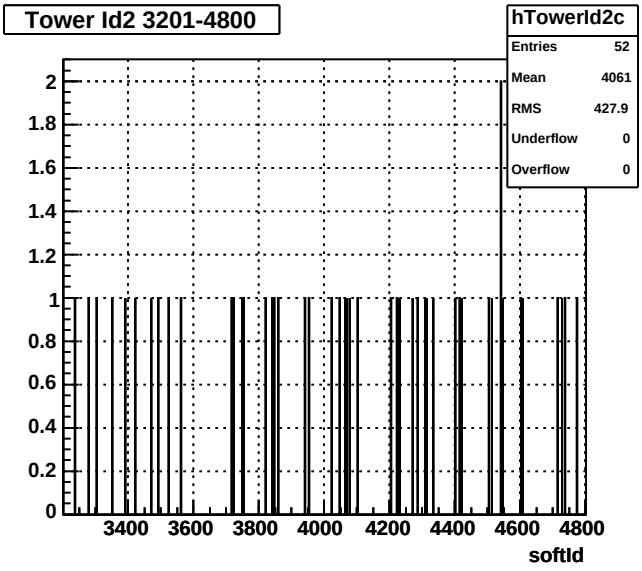

Tower Id1 1-1600
hTowerId1a
Entries 65
Mean 848.8
RMS 454.6
Underflow 0
Overflow 0
softId

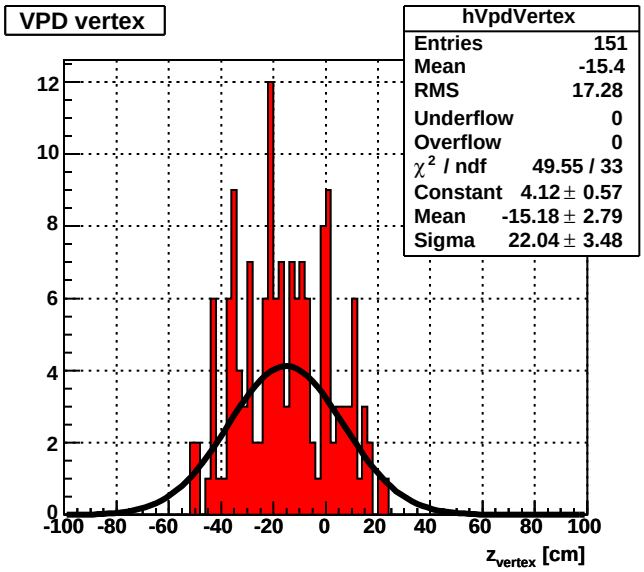

Tower Id2 1-1600
hTowerId2a
Entries 48
Mean 850.8
RMS 461.7
Underflow 0
Overflow 0
softId

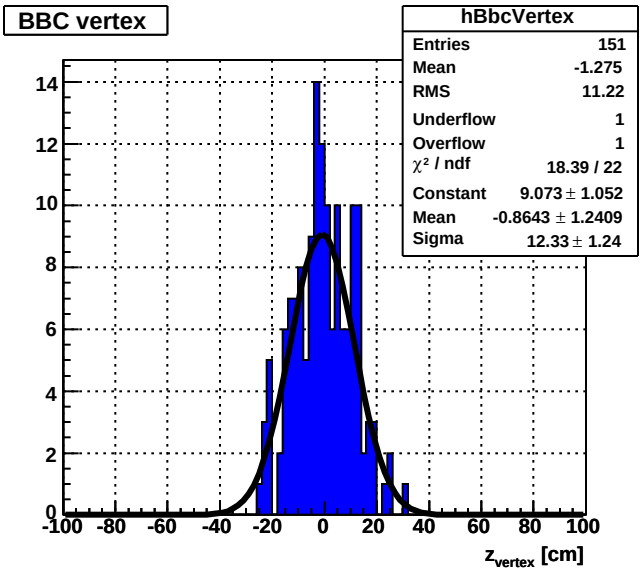

Tower Id1 1601-3200
hTowerId1b
Entries 45
Mean 2428
RMS 409
Underflow 0
Overflow 0
softId

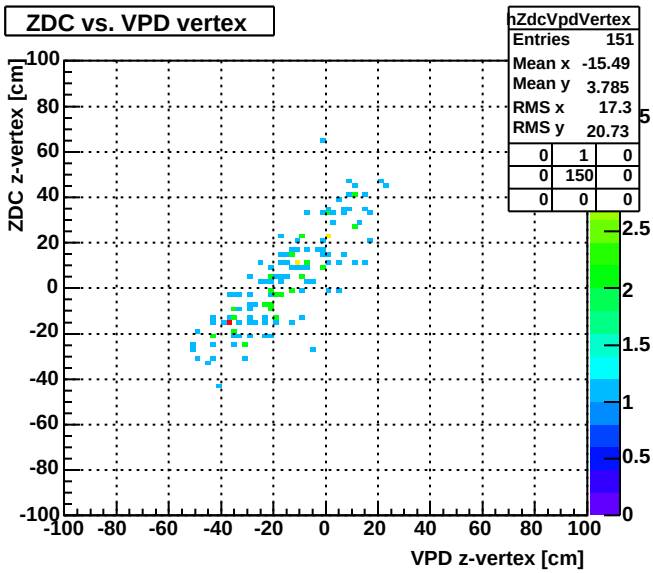

Tower Id2 1601-3200
hTowerId2b
Entries 51
Mean 2492
RMS 458.5
Underflow 0
Overflow 0
softId

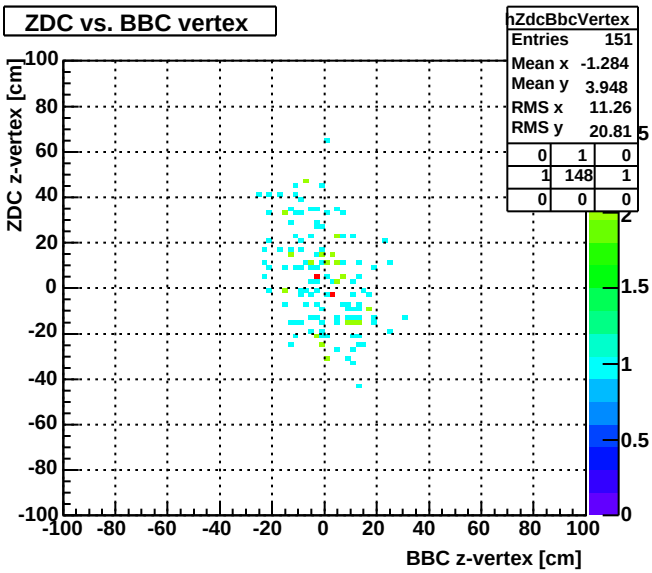

Tower Id1 3201-4800
hTowerId1c
Entries 41
Mean 4139
RMS 482.3
Underflow 0
Overflow 0
softId

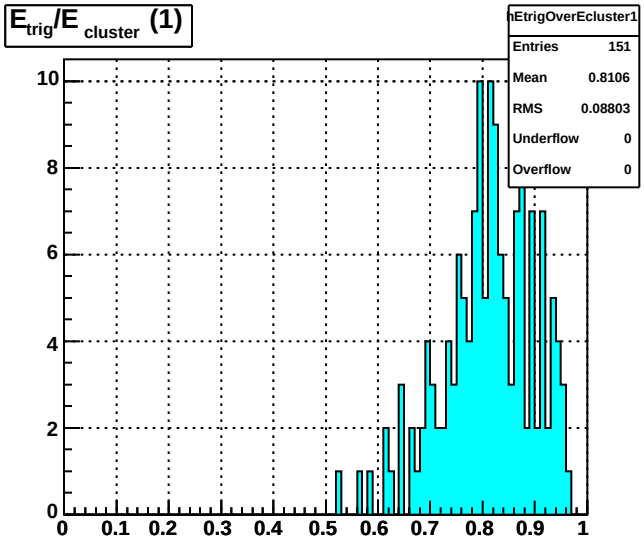

Tower Id2 3201-4800
hTowerId2c
Entries 52
Mean 4061
RMS 427.9
Underflow 0
Overflow 0
softId

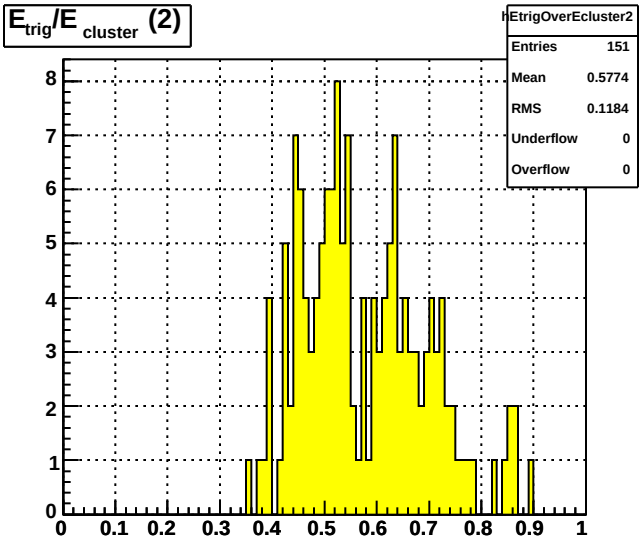

VPD vertex
hVpdVertex
Entries 151
Mean -15.4
RMS 17.28
Underflow 0
Overflow 0
χ² / ndf 49.55 / 33
Constant 4.12 ± 0.57
Mean -15.18 ± 2.79
Sigma 22.04 ± 3.48
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 151
Mean -1.275
RMS 11.22
Underflow 1
Overflow 1
χ² / ndf 18.39 / 22
Constant 9.073 ± 1.052
Mean -0.8643 ± 1.2409
Sigma 12.33 ± 1.24
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 151
Mean x -15.49
Mean y 3.785
RMS x 17.3
RMS y 20.73
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 151
Mean x -1.284
Mean y 3.948
RMS x 11.26
RMS y 20.81
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 151
Mean 0.8106
RMS 0.08803
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 151
Mean 0.5774
RMS 0.1184
Underflow 0
Overflow 0