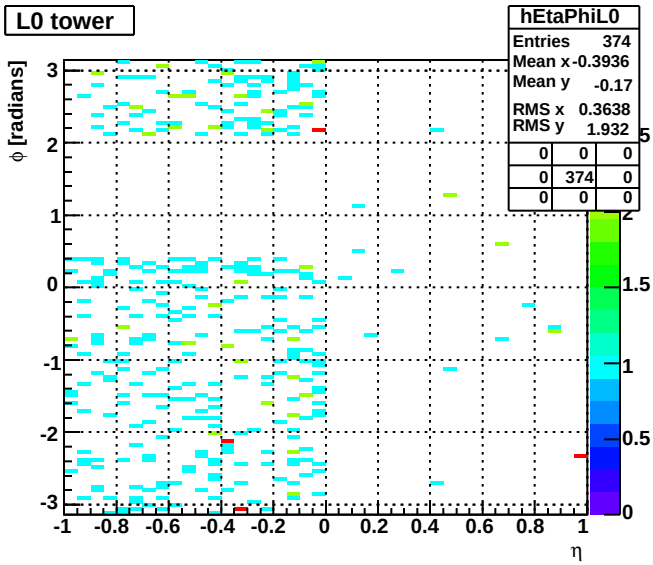
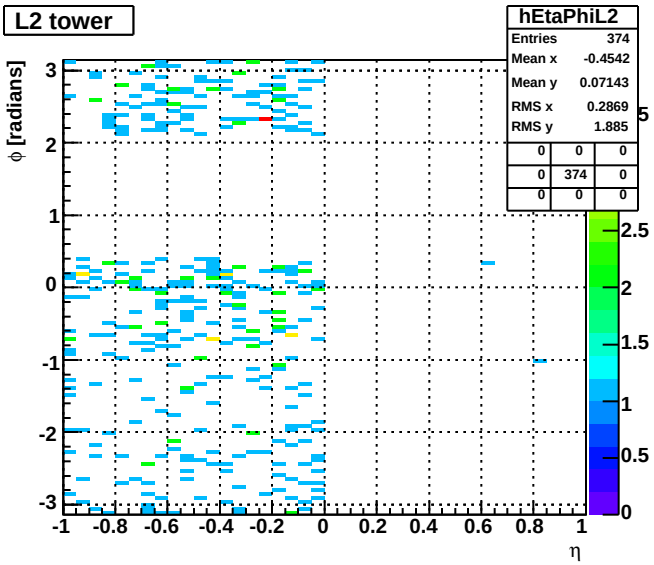
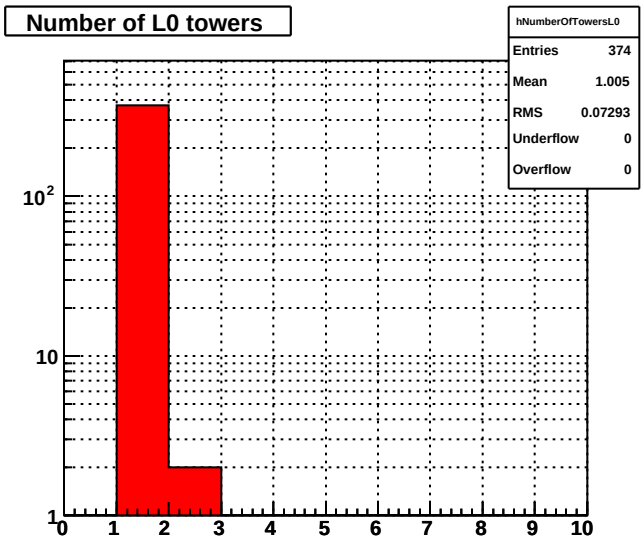
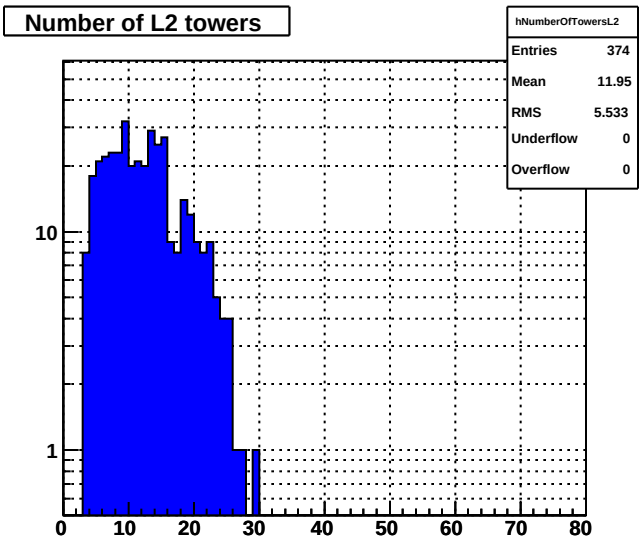
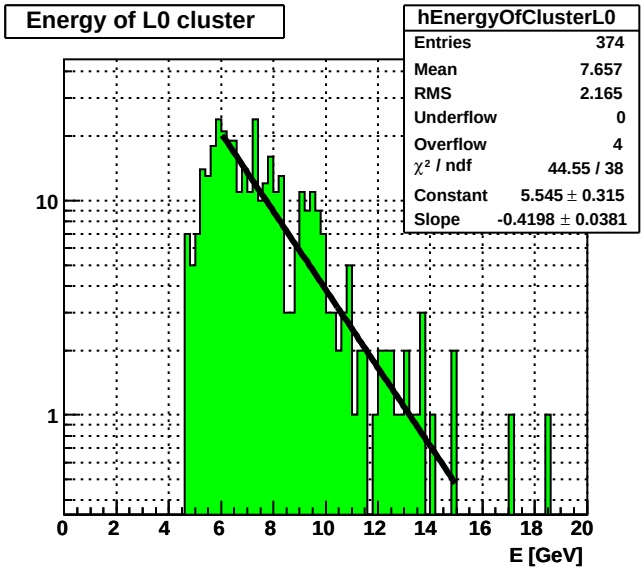
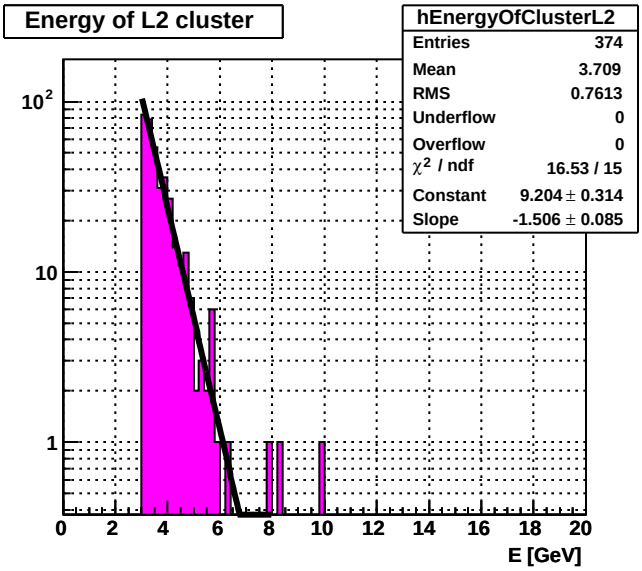

L0 tower
hEtaPhiL0
Entries 374
Mean x -0.3936
Mean y -0.17
RMS x 0.3638
RMS y 1.932
φ [radians]
η

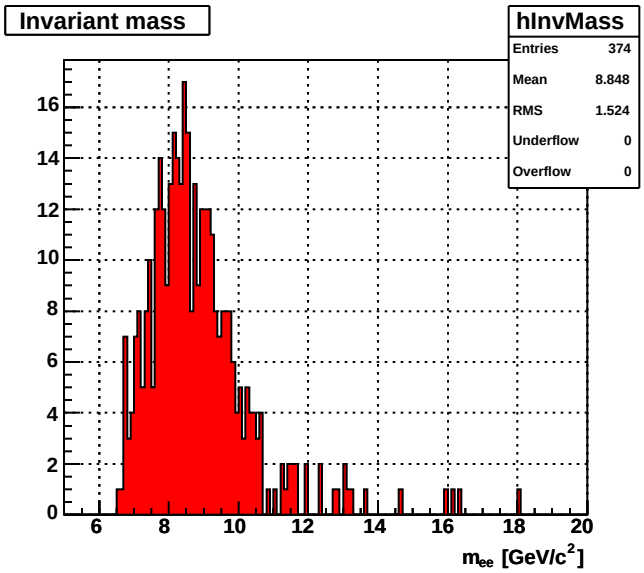

L2 tower
hEtaPhiL2
Entries 374
Mean x -0.4542
Mean y 0.07143
RMS x 0.2869
RMS y 1.885
φ [radians]
η

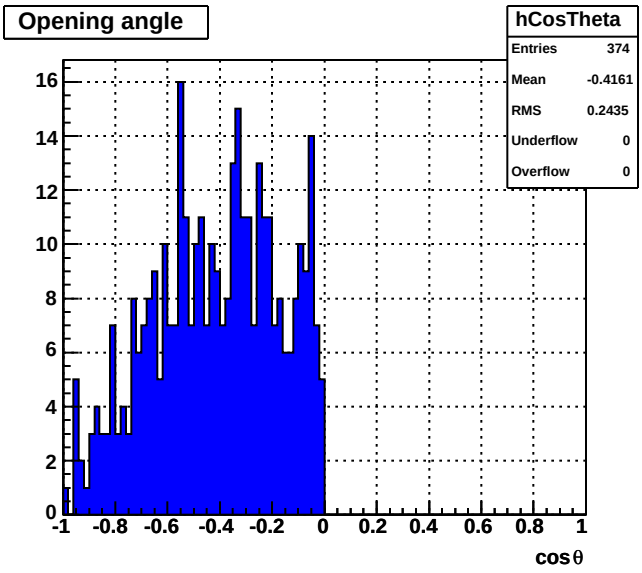

Number of L0 towers
hNumberOfTowersL0
Entries 374
Mean 1.005
RMS 0.07293
Underflow 0
Overflow 0

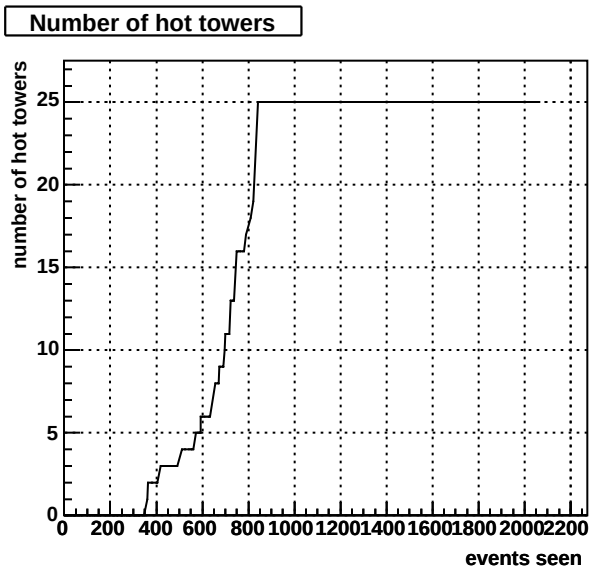

Number of L2 towers
hNumberOfTowersL2
Entries 374
Mean 11.95
RMS 5.533
Underflow 0
Overflow 0

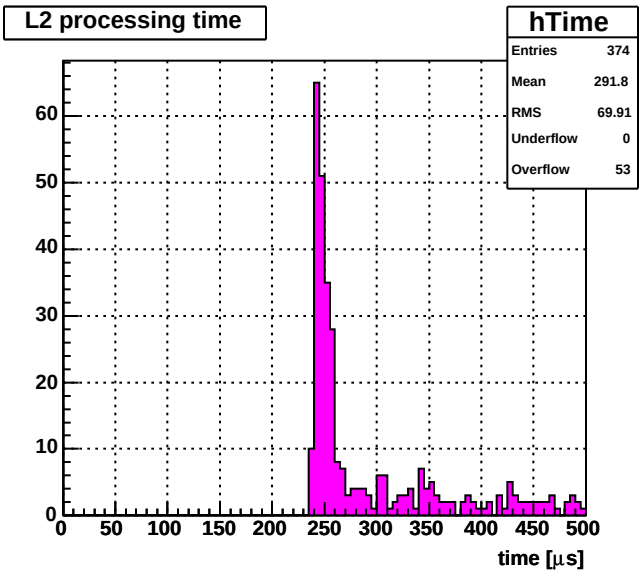

Energy of L0 cluster
hEnergyOfClusterL0
Entries 374
Mean 7.657
RMS 2.165
Underflow 0
Overflow 4
χ² / ndf 44.55 / 38
Constant 5.545 ± 0.315
Slope -0.4198 ± 0.0381
E [GeV]

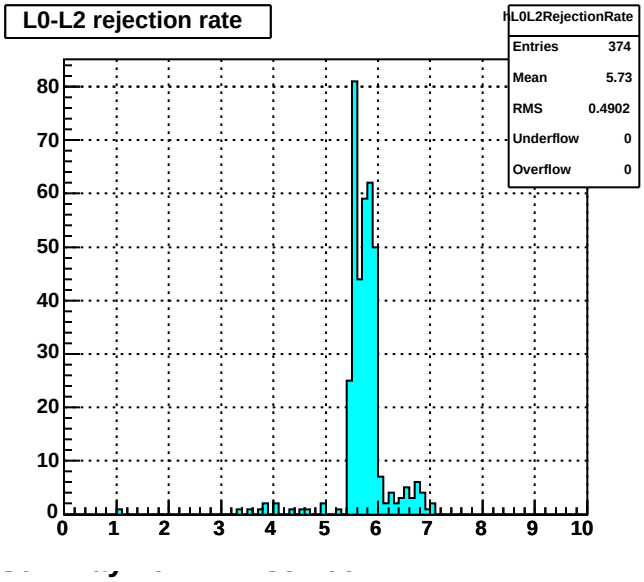

Energy of L2 cluster
hEnergyOfClusterL2
Entries 374
Mean 3.709
RMS 0.7613
Underflow 0
Overflow 0
χ² / ndf 16.53 / 15
Constant 9.204 ± 0.314
Slope -1.506 ± 0.085
E [GeV]

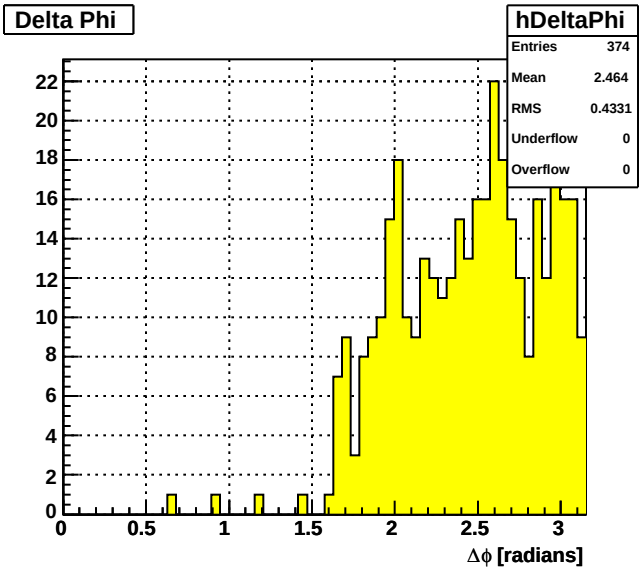

Invariant mass
hInvMass
Entries 374
Mean 8.848
RMS 1.524
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

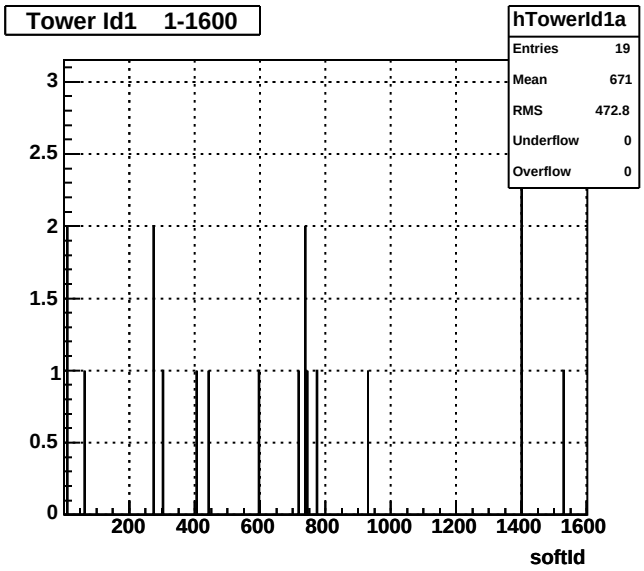

Opening angle
hCosTheta
Entries 374
Mean -0.4161
RMS 0.2435
Underflow 0
Overflow 0
cos θ

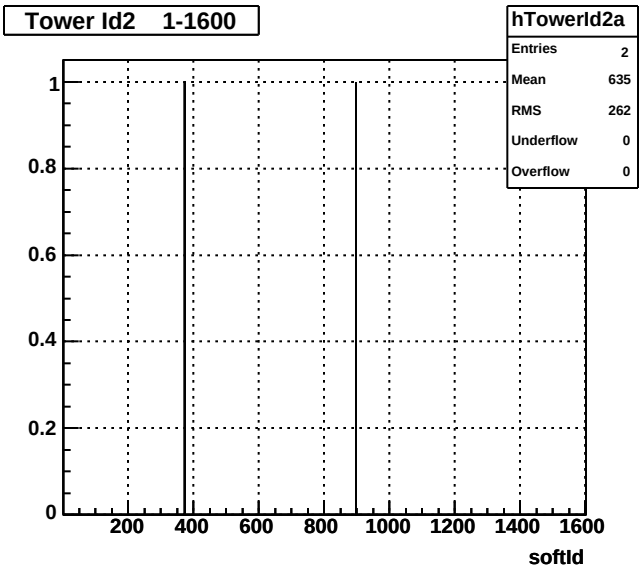

Number of hot towers
number of hot towers
events seen

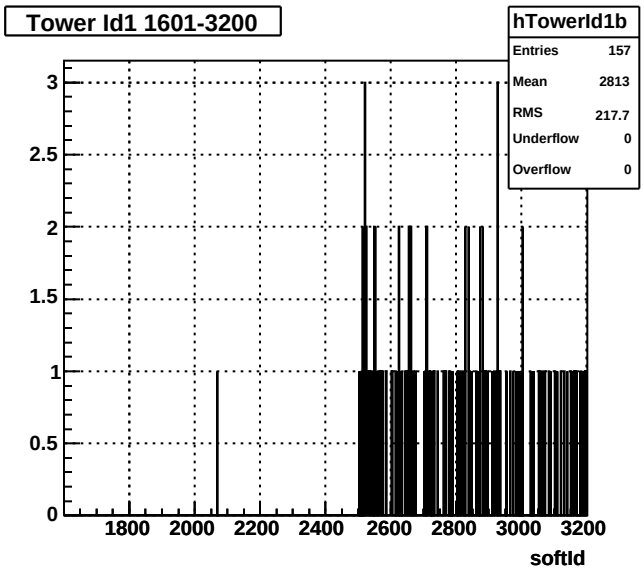

L2 processing time
hTime
Entries 374
Mean 291.8
RMS 69.91
Underflow 0
Overflow 53
time [μs]

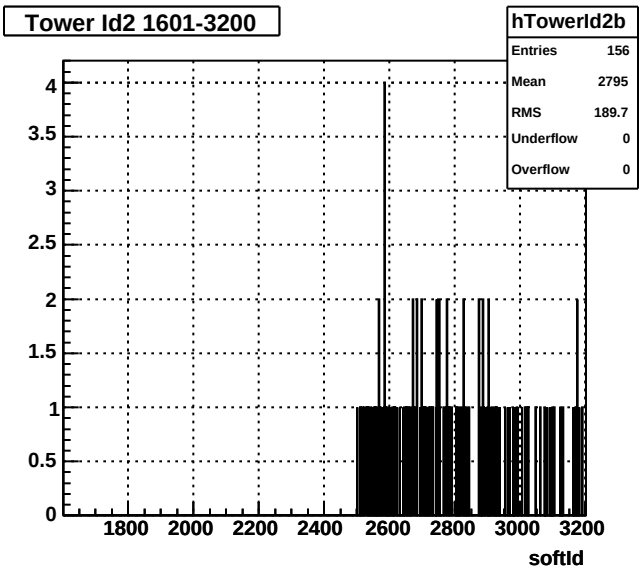

L0-L2 rejection rate
hL0L2RejectionRate
Entries 374
Mean 5.73
RMS 0.4902
Underflow 0
Overflow 0

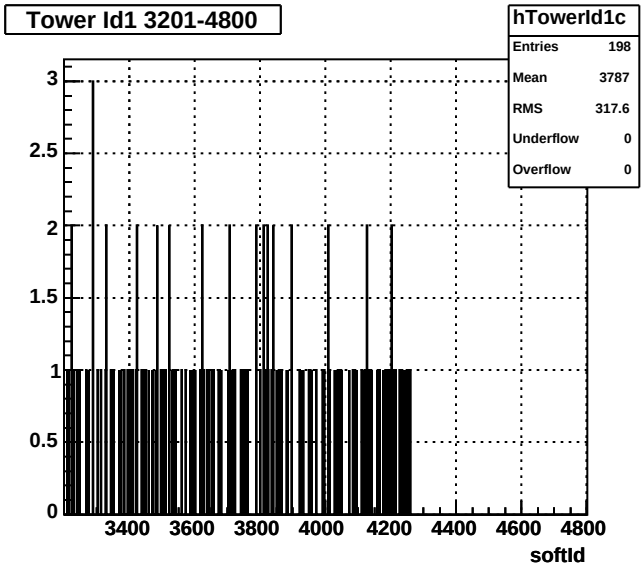

Delta Phi
hDeltaPhi
Entries 374
Mean 2.464
RMS 0.4331
Underflow 0
Overflow 0
Δφ [radians]

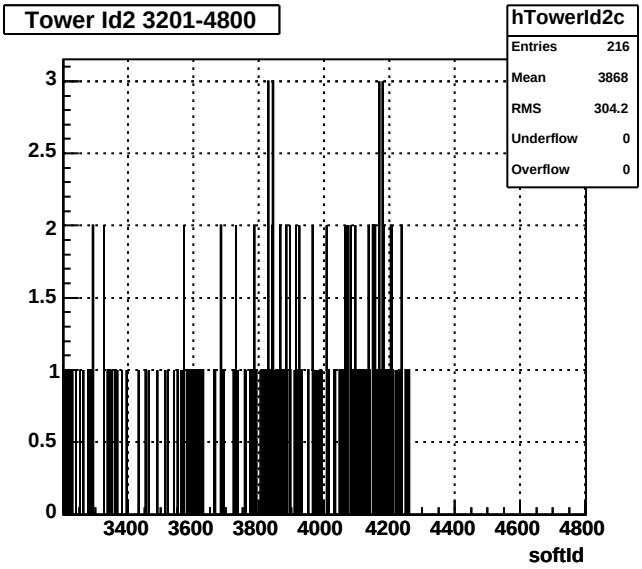

Tower Id1 1-1600
hTowerId1a
Entries 19
Mean 671
RMS 472.8
Underflow 0
Overflow 0
softId

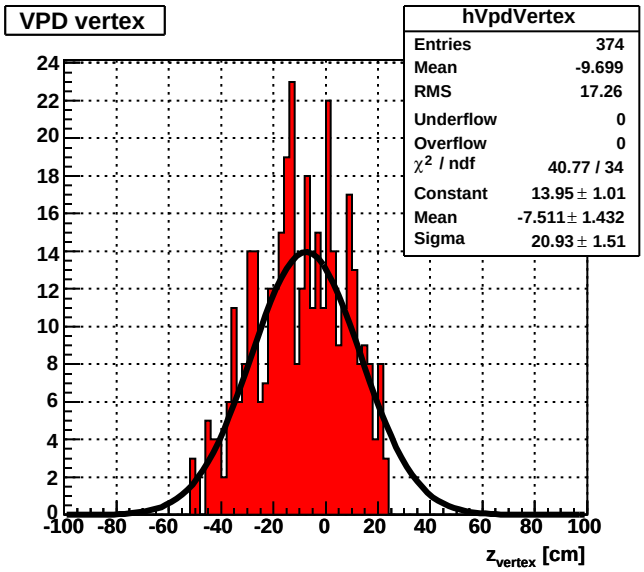

Tower Id2 1-1600
hTowerId2a
Entries 2
Mean 635
RMS 262
Underflow 0
Overflow 0
softId

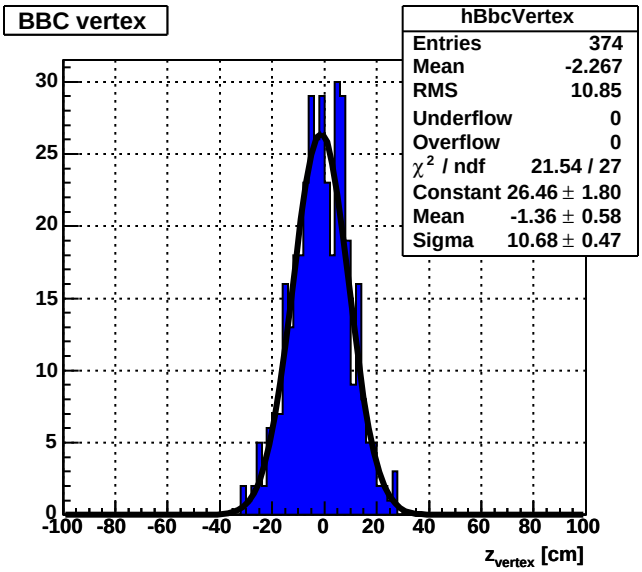

Tower Id1 1601-3200
hTowerId1b
Entries 157
Mean 2813
RMS 217.7
Underflow 0
Overflow 0
softId

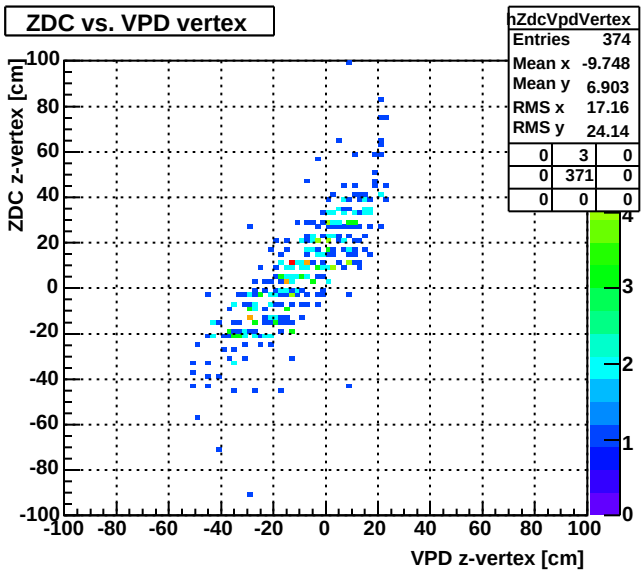

Tower Id2 1601-3200
hTowerId2b
Entries 156
Mean 2795
RMS 189.7
Underflow 0
Overflow 0
softId

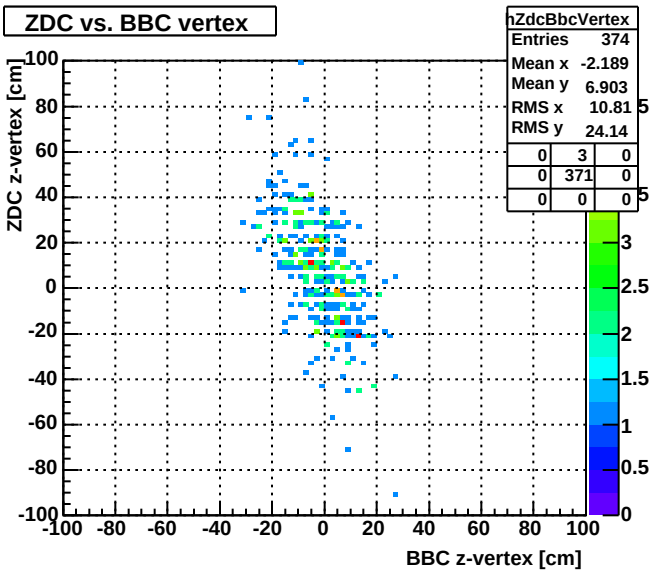

Tower Id1 3201-4800
hTowerId1c
Entries 198
Mean 3787
RMS 317.6
Underflow 0
Overflow 0
softId

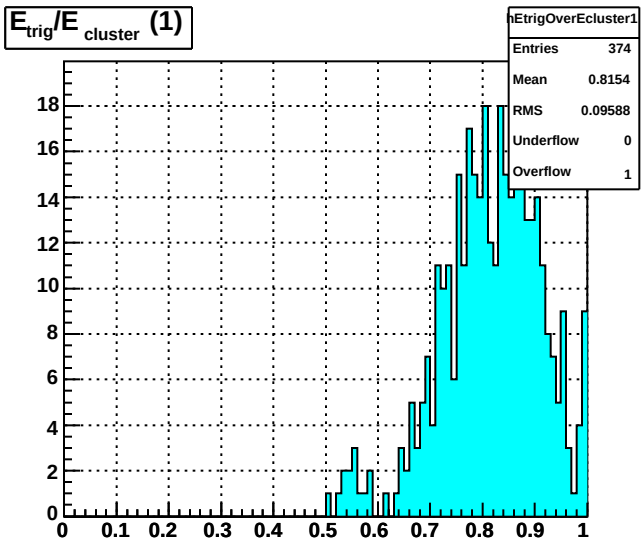

Tower Id2 3201-4800
hTowerId2c
Entries 216
Mean 3868
RMS 304.2
Underflow 0
Overflow 0
softId

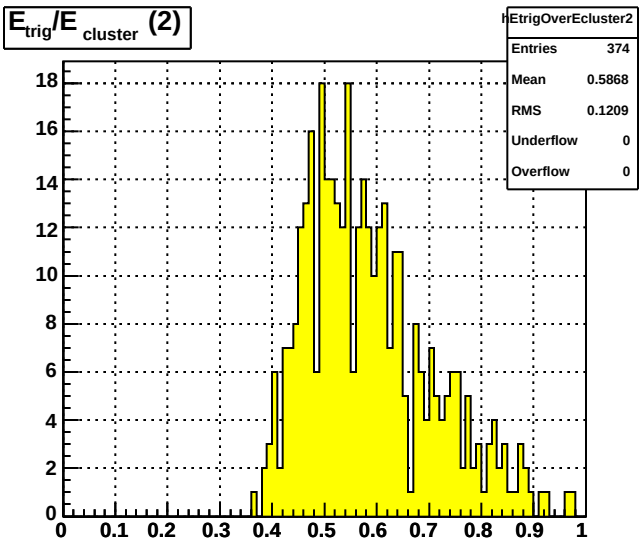

VPD vertex
hVpdVertex
Entries 374
Mean -9.699
RMS 17.26
Underflow 0
Overflow 0
χ² / ndf 40.77 / 34
Constant 13.95 ± 1.01
Mean -7.511 ± 1.432
Sigma 20.93 ± 1.51
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 374
Mean -2.267
RMS 10.85
Underflow 0
Overflow 0
χ² / ndf 21.54 / 27
Constant 26.46 ± 1.80
Mean -1.36 ± 0.58
Sigma 10.68 ± 0.47
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 374
Mean x -9.748
Mean y 6.903
RMS x 17.16
RMS y 24.14
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 374
Mean x -2.189
Mean y 6.903
RMS x 10.81
RMS y 24.14
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 374
Mean 0.8154
RMS 0.09588
Underflow 0
Overflow 1


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 374
Mean 0.5868
RMS 0.1209
Underflow 0
Overflow 0