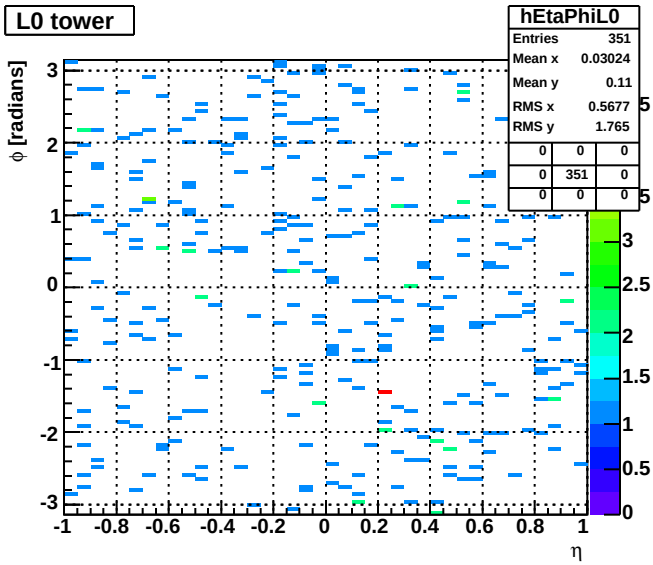
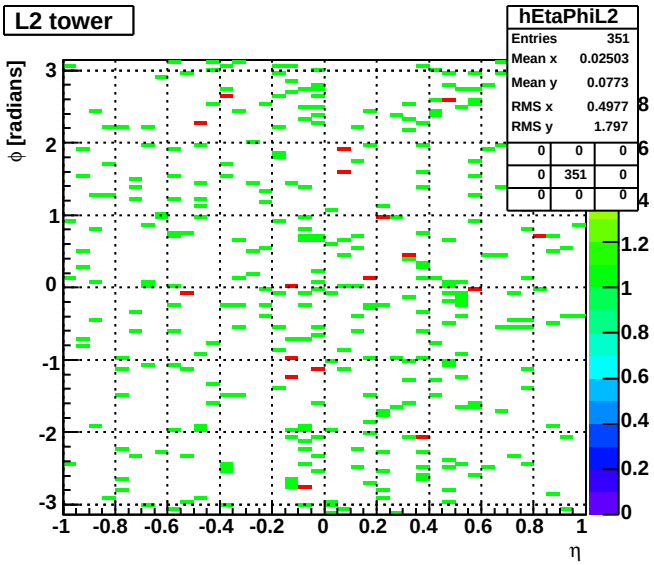
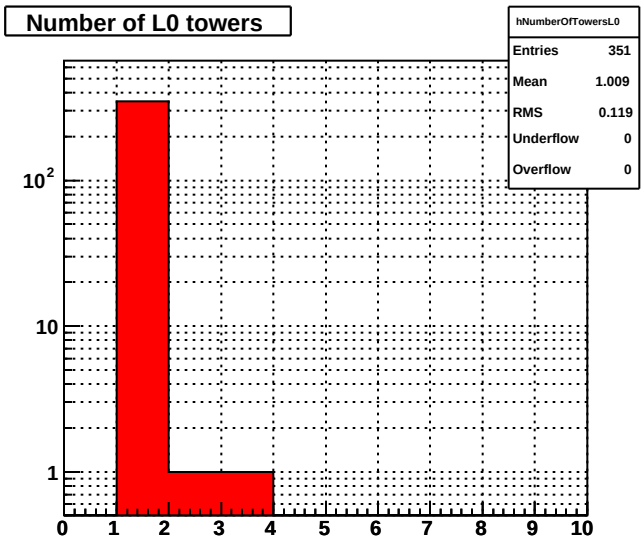
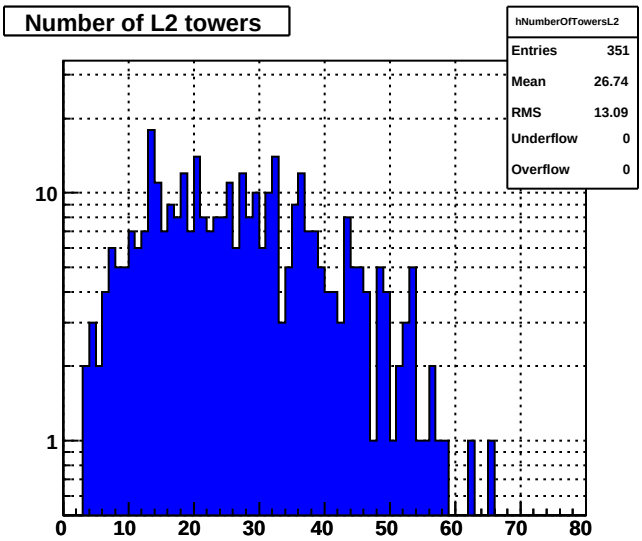
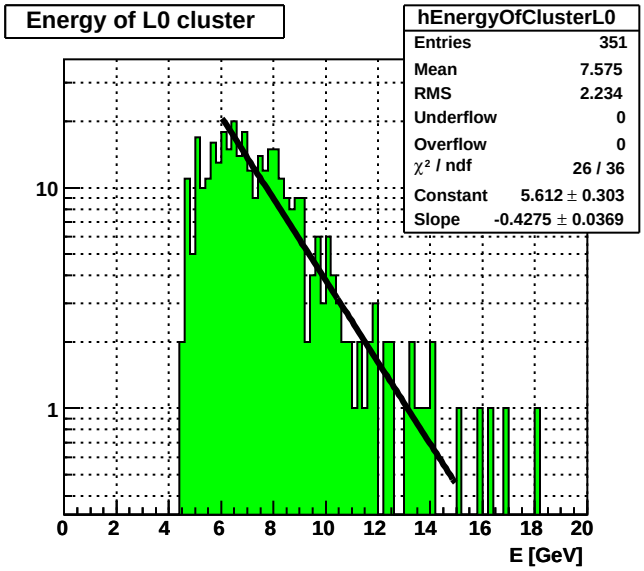
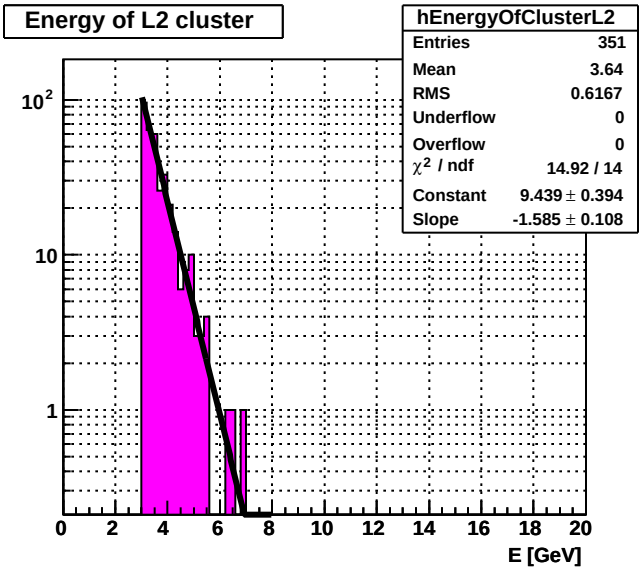

L0 tower
hEtaPhiL0
Entries 351
Mean x 0.03024
Mean y 0.11
RMS x 0.5677
RMS y 1.765
φ [radians]
η

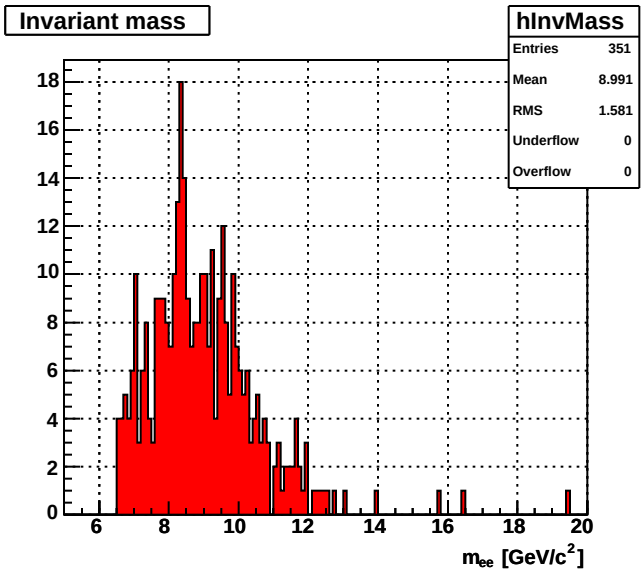

L2 tower
hEtaPhiL2
Entries 351
Mean x 0.02503
Mean y 0.0773
RMS x 0.4977
RMS y 1.797
φ [radians]
η

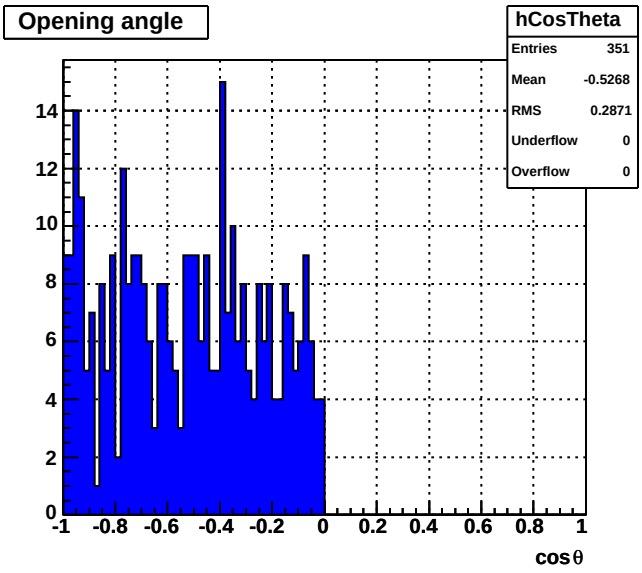

Number of L0 towers
hNumberOfTowersL0
Entries 351
Mean 1.009
RMS 0.119
Underflow 0
Overflow 0

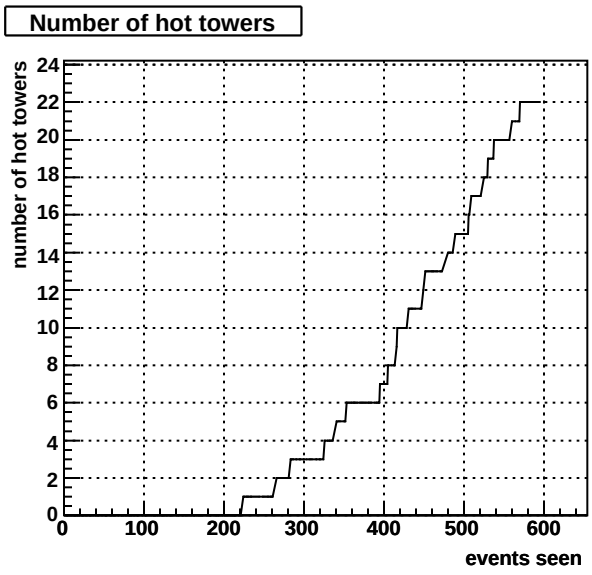

Number of L2 towers
hNumberOfTowersL2
Entries 351
Mean 26.74
RMS 13.09
Underflow 0
Overflow 0

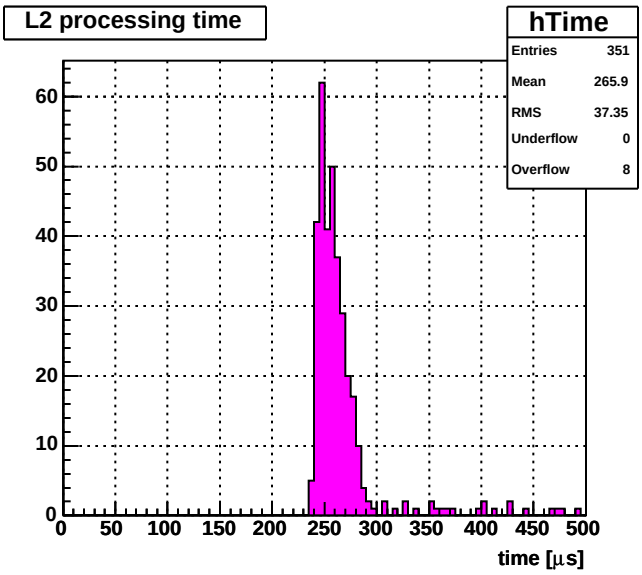

Energy of L0 cluster
hEnergyOfClusterL0
Entries 351
Mean 7.575
RMS 2.234
Underflow 0
Overflow 0
χ² / ndf 26 / 36
Constant 5.612 ± 0.303
Slope -0.4275 ± 0.0369
E [GeV]

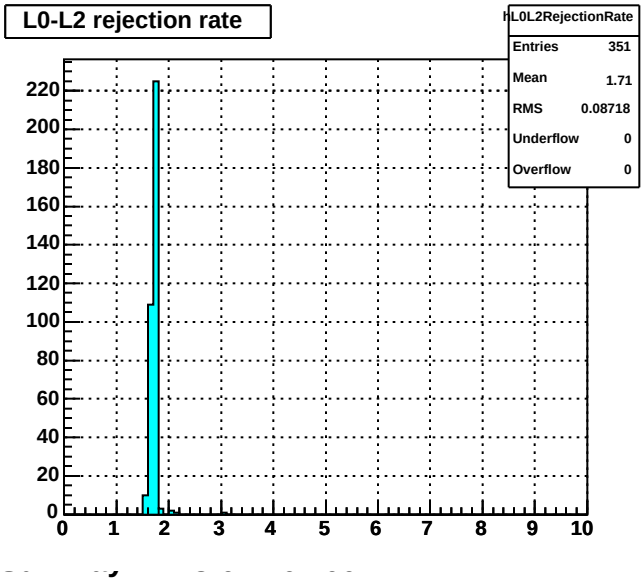

Energy of L2 cluster
hEnergyOfClusterL2
Entries 351
Mean 3.64
RMS 0.6167
Underflow 0
Overflow 0
χ² / ndf 14.92 / 14
Constant 9.439 ± 0.394
Slope -1.585 ± 0.108
E [GeV]

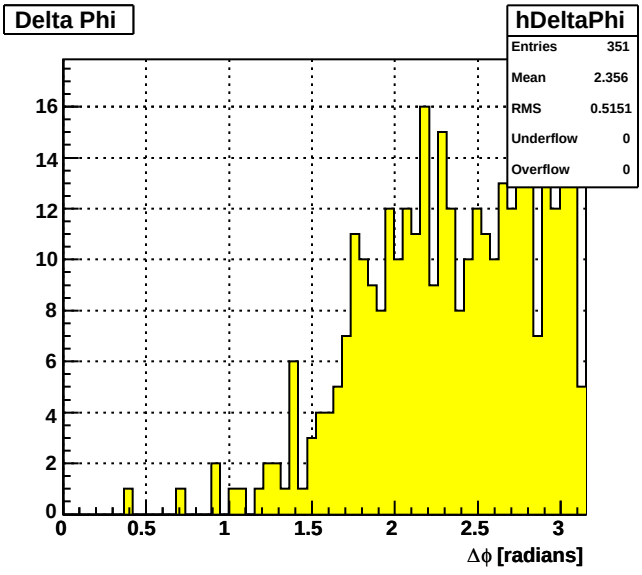

Invariant mass
hInvMass
Entries 351
Mean 8.991
RMS 1.581
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

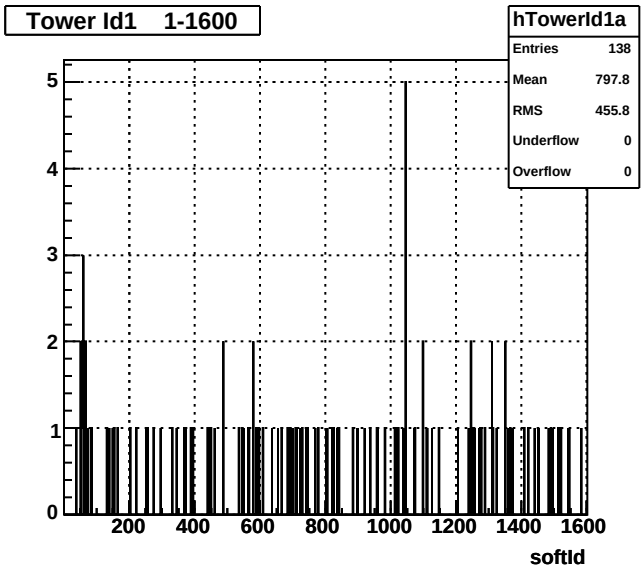

Opening angle
hCosTheta
Entries 351
Mean -0.5268
RMS 0.2871
Underflow 0
Overflow 0
cos θ

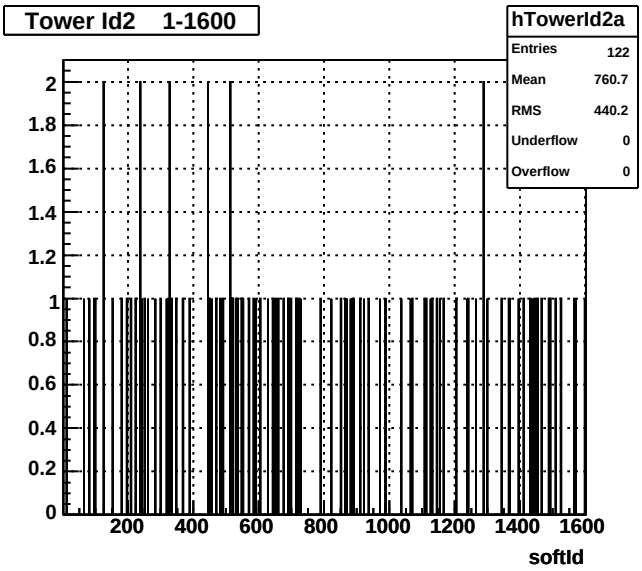

Number of hot towers
number of hot towers
events seen

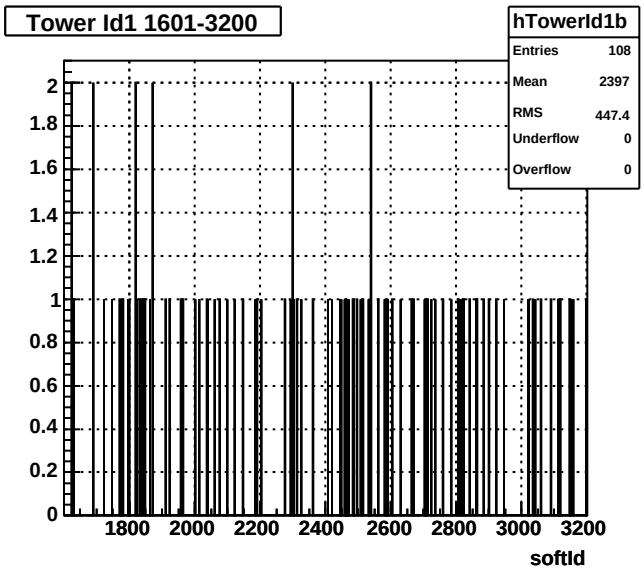

L2 processing time
hTime
Entries 351
Mean 265.9
RMS 37.35
Underflow 0
Overflow 8
time [μs]

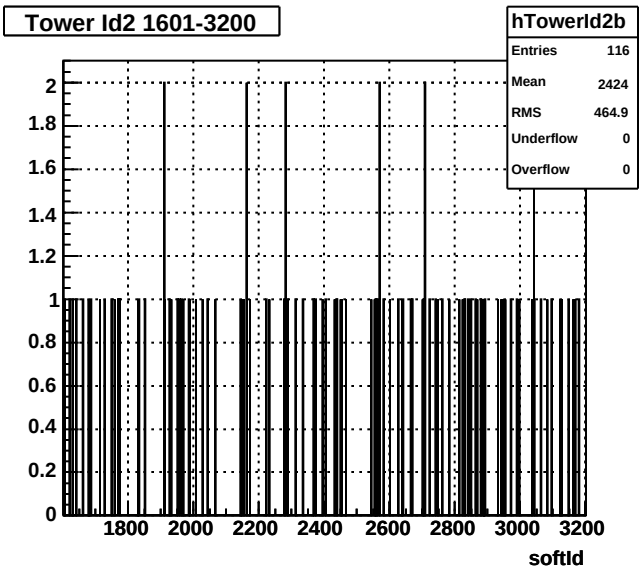

L0-L2 rejection rate
hL0L2RejectionRate
Entries 351
Mean 1.71
RMS 0.08718
Underflow 0
Overflow 0

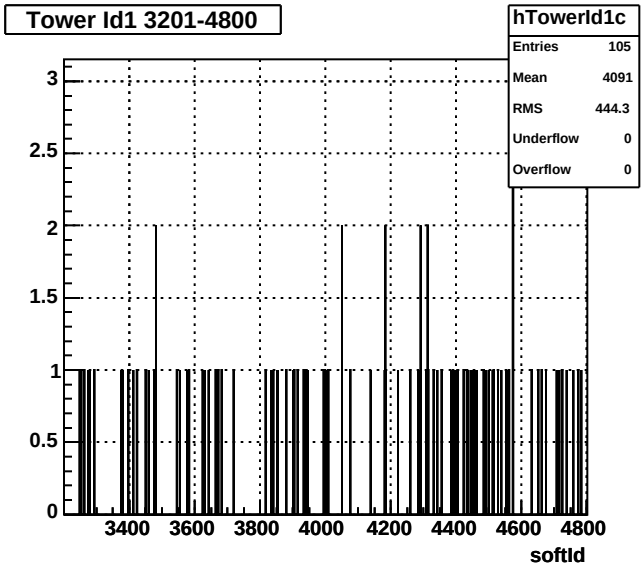

Delta Phi
hDeltaPhi
Entries 351
Mean 2.356
RMS 0.5151
Underflow 0
Overflow 0
Δφ [radians]

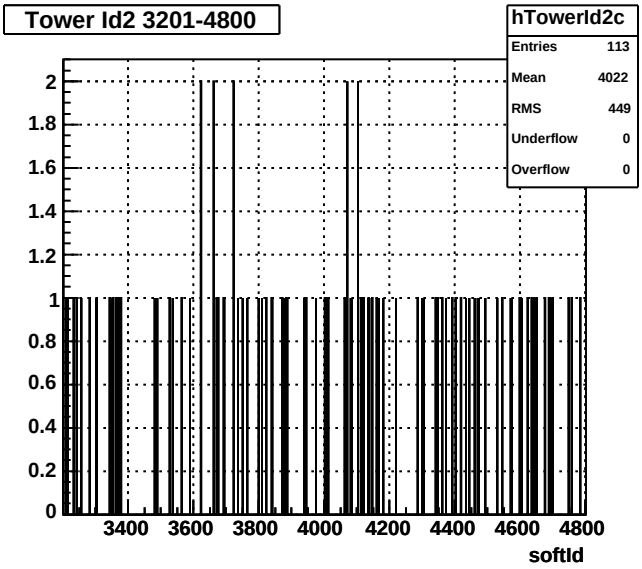

Tower Id1 1-1600
hTowerId1a
Entries 138
Mean 797.8
RMS 455.8
Underflow 0
Overflow 0
softId

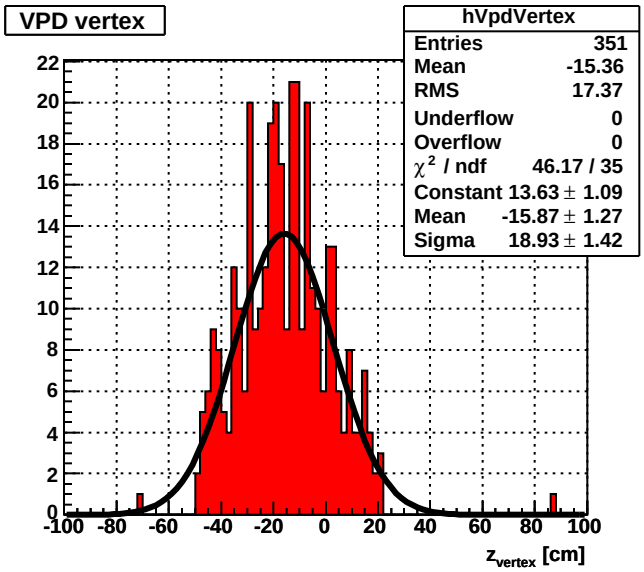

Tower Id2 1-1600
hTowerId2a
Entries 122
Mean 760.7
RMS 440.2
Underflow 0
Overflow 0
softId

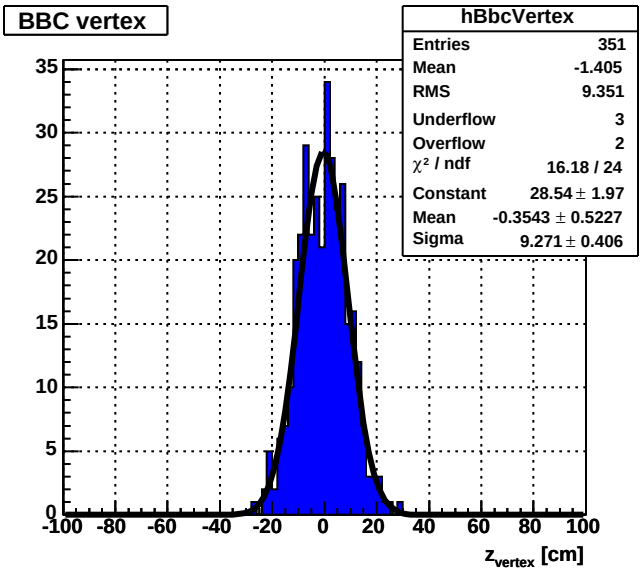

Tower Id1 1601-3200
hTowerId1b
Entries 108
Mean 2397
RMS 447.4
Underflow 0
Overflow 0
softId

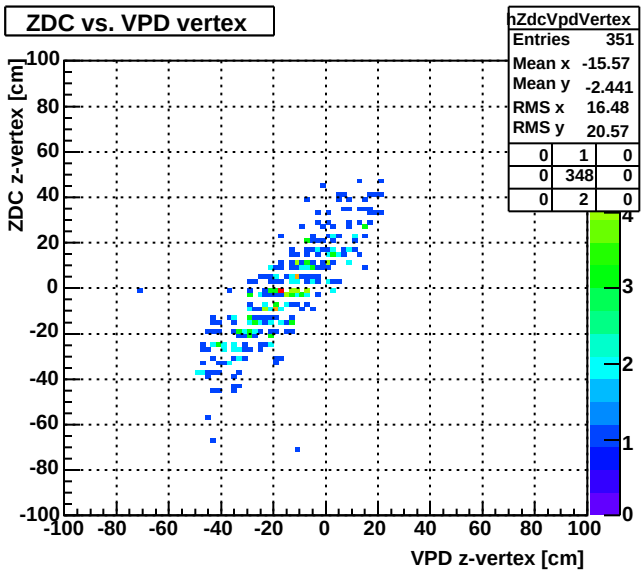

Tower Id2 1601-3200
hTowerId2b
Entries 116
Mean 2424
RMS 464.9
Underflow 0
Overflow 0
softId

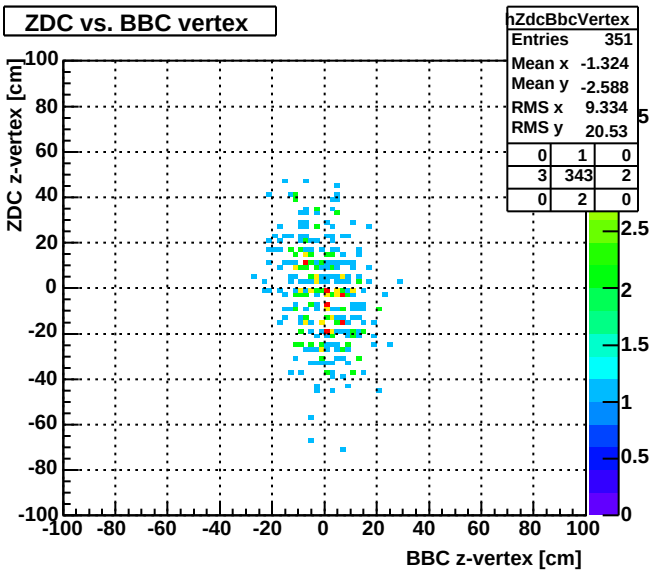

Tower Id1 3201-4800
hTowerId1c
Entries 105
Mean 4091
RMS 444.3
Underflow 0
Overflow 0
softId

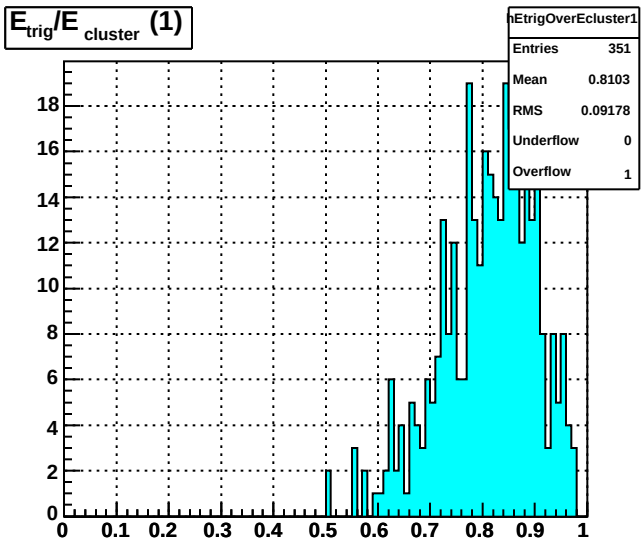

Tower Id2 3201-4800
hTowerId2c
Entries 113
Mean 4022
RMS 449
Underflow 0
Overflow 0
softId

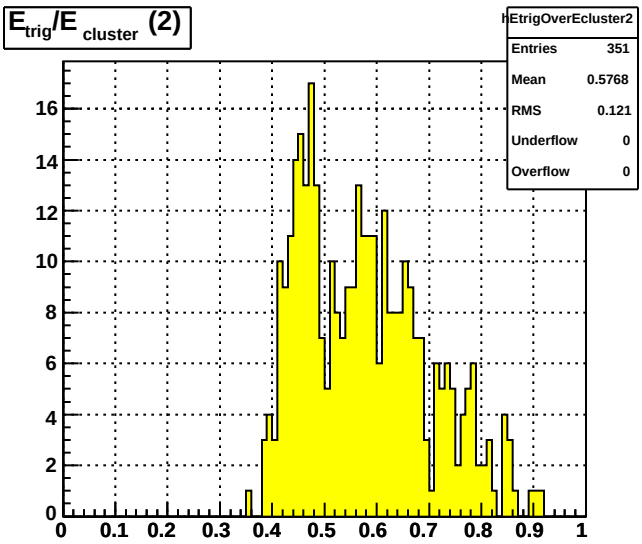

VPD vertex
hVpdVertex
Entries 351
Mean -15.36
RMS 17.37
Underflow 0
Overflow 0
χ² / ndf 46.17 / 35
Constant 13.63 ± 1.09
Mean -15.87 ± 1.27
Sigma 18.93 ± 1.42
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 351
Mean -1.405
RMS 9.351
Underflow 3
Overflow 2
χ² / ndf 16.18 / 24
Constant 28.54 ± 1.97
Mean -0.3543 ± 0.5227
Sigma 9.271 ± 0.406
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 351
Mean x -15.57
Mean y -2.441
RMS x 16.48
RMS y 20.57
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 351
Mean x -1.324
Mean y -2.588
RMS x 9.334
RMS y 20.53
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 351
Mean 0.8103
RMS 0.09178
Underflow 0
Overflow 1


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 351
Mean 0.5768
RMS 0.121
Underflow 0
Overflow 0