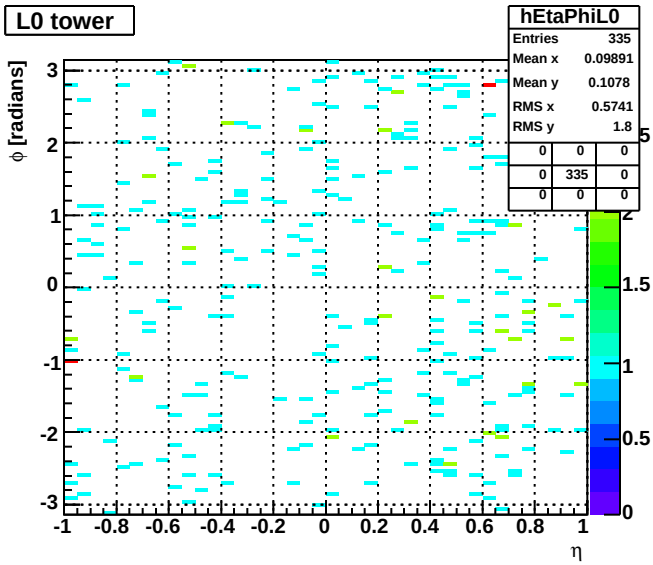
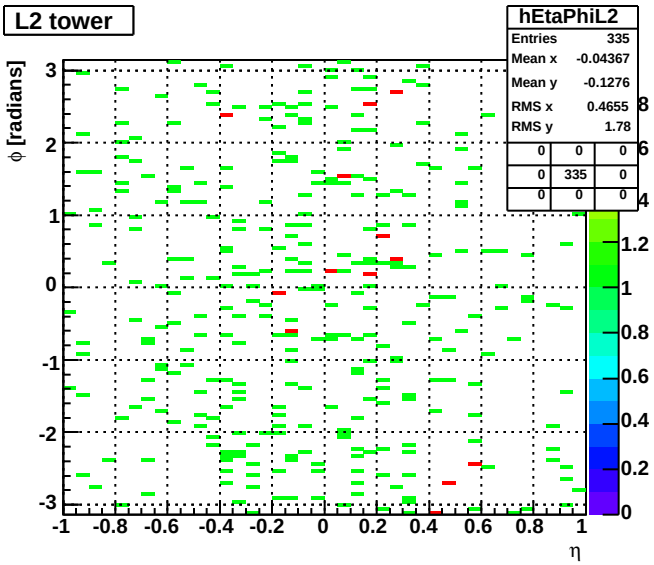
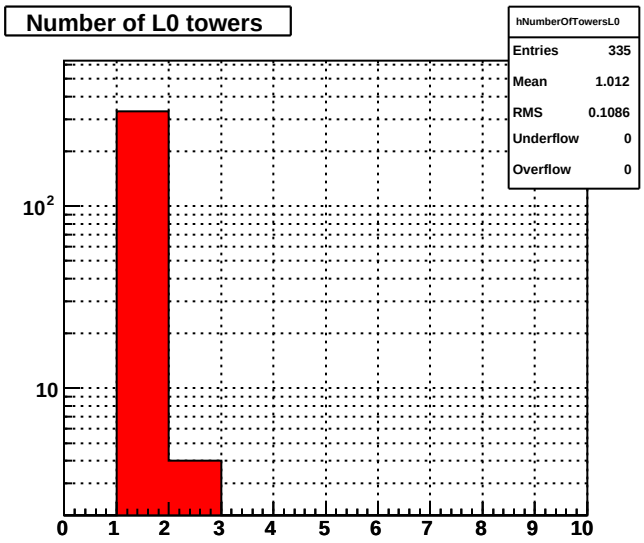
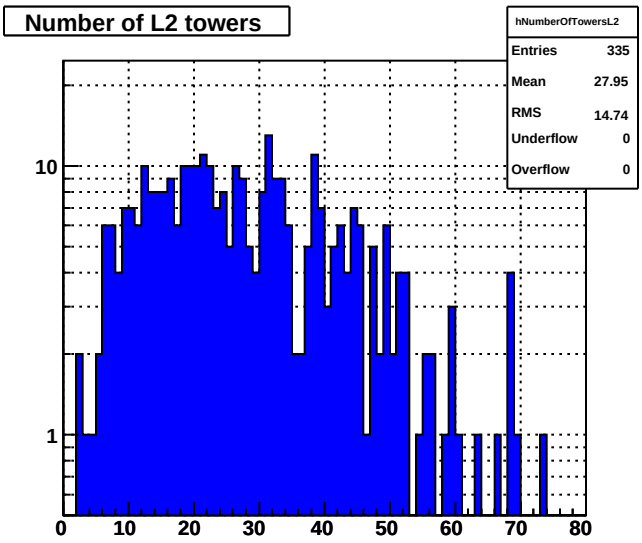
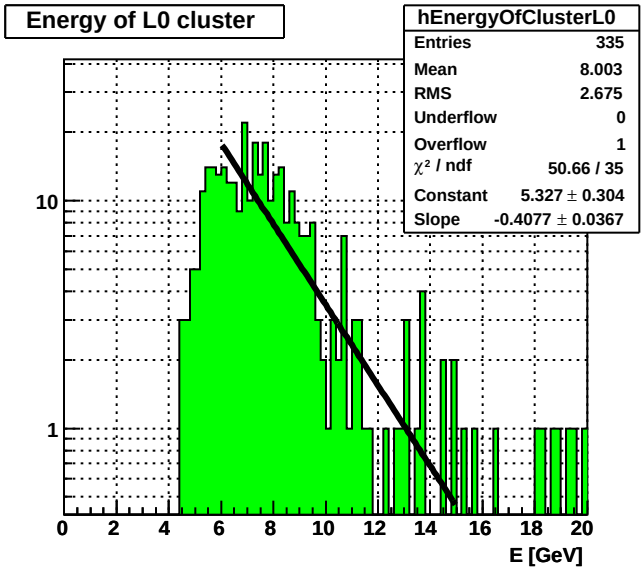
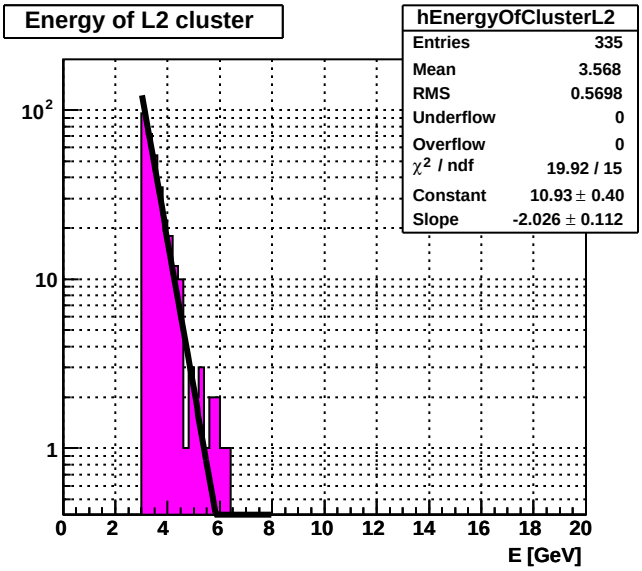

L0 tower
hEtaPhiL0
Entries 335
Mean x 0.09891
Mean y 0.1078
RMS x 0.5741
RMS y 1.8
φ [radians]
η

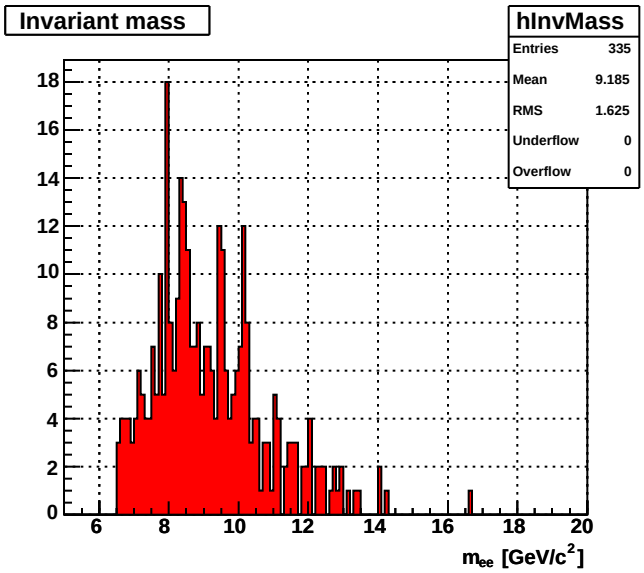

L2 tower
hEtaPhiL2
Entries 335
Mean x -0.04367
Mean y -0.1276
RMS x 0.4655
RMS y 1.78
φ [radians]
η

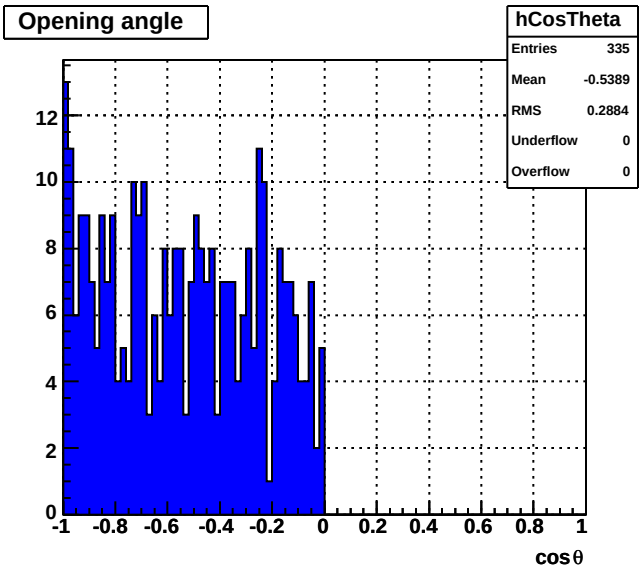

Number of L0 towers
hNumberOfTowersL0
Entries 335
Mean 1.012
RMS 0.1086
Underflow 0
Overflow 0

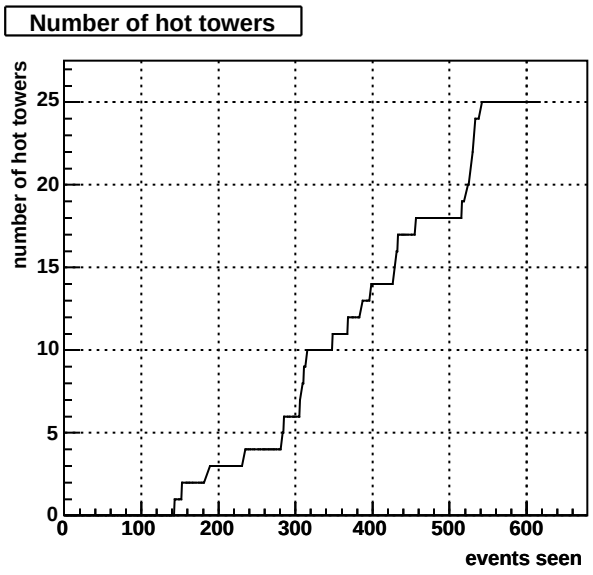

Number of L2 towers
hNumberOfTowersL2
Entries 335
Mean 27.95
RMS 14.74
Underflow 0
Overflow 0

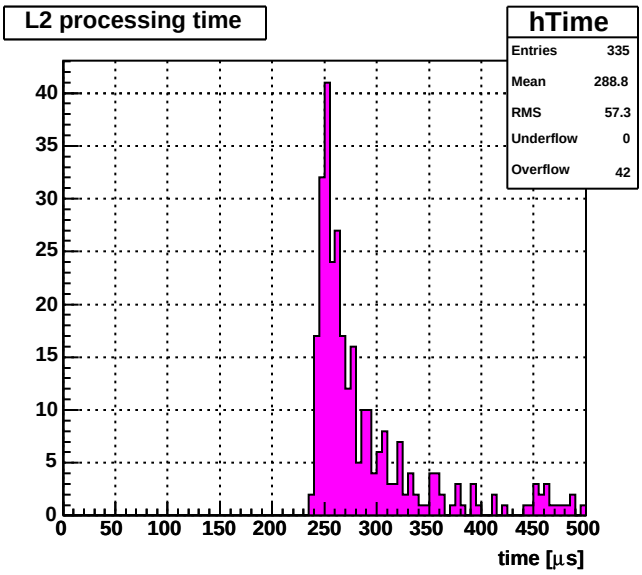

Energy of L0 cluster
hEnergyOfClusterL0
Entries 335
Mean 8.003
RMS 2.675
Underflow 0
Overflow 1
χ² / ndf 50.66 / 35
Constant 5.327 ± 0.304
Slope -0.4077 ± 0.0367
E [GeV]

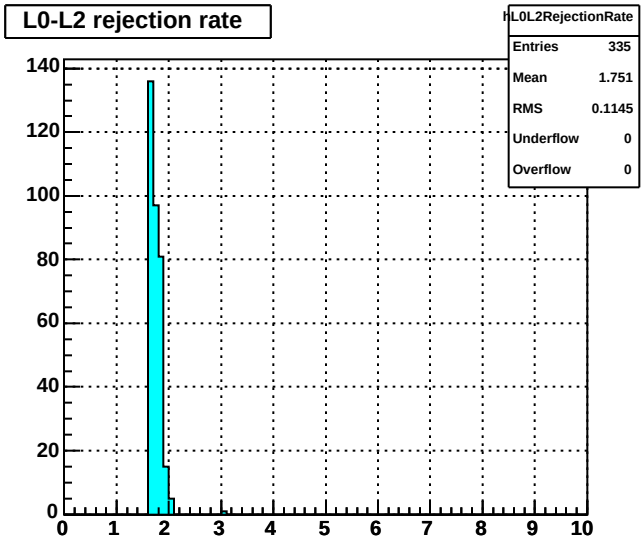

Energy of L2 cluster
hEnergyOfClusterL2
Entries 335
Mean 3.568
RMS 0.5698
Underflow 0
Overflow 0
χ² / ndf 19.92 / 15
Constant 10.93 ± 0.40
Slope -2.026 ± 0.112
E [GeV]

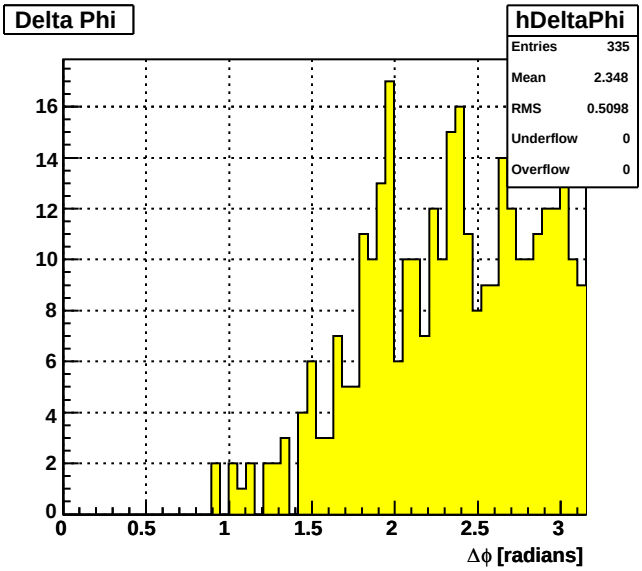

Invariant mass
hInvMass
Entries 335
Mean 9.185
RMS 1.625
Underflow 0
Overflow 0
$m_{ee}$ [GeV/$c^2$]

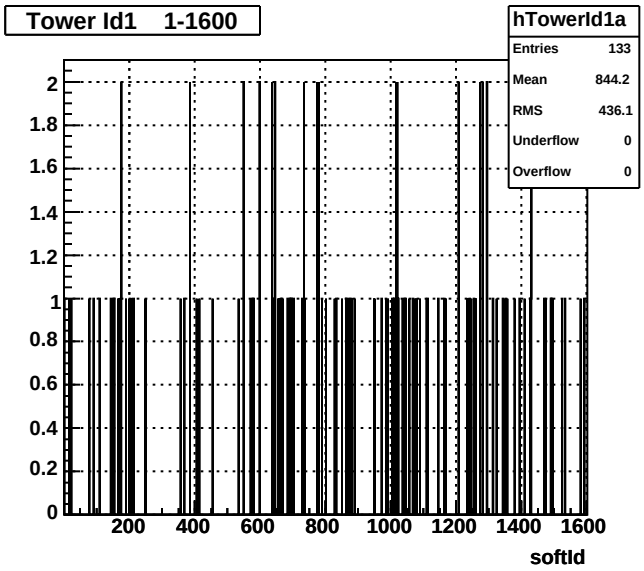

Opening angle
hCosTheta
Entries 335
Mean -0.5389
RMS 0.2884
Underflow 0
Overflow 0
cos θ

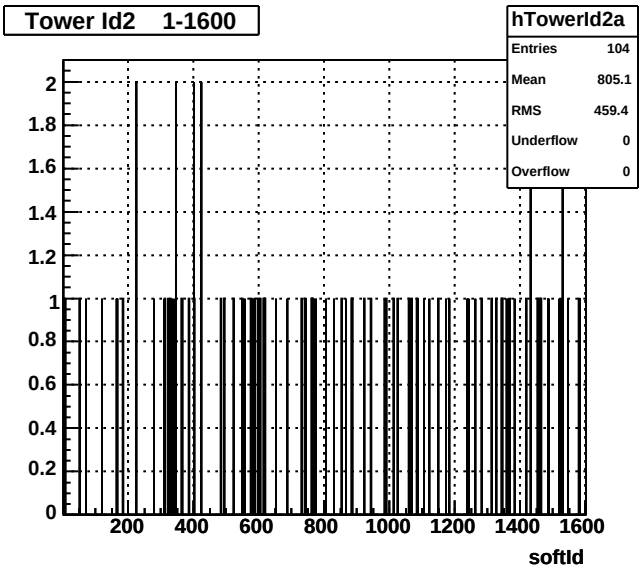

Number of hot towers
number of hot towers
events seen

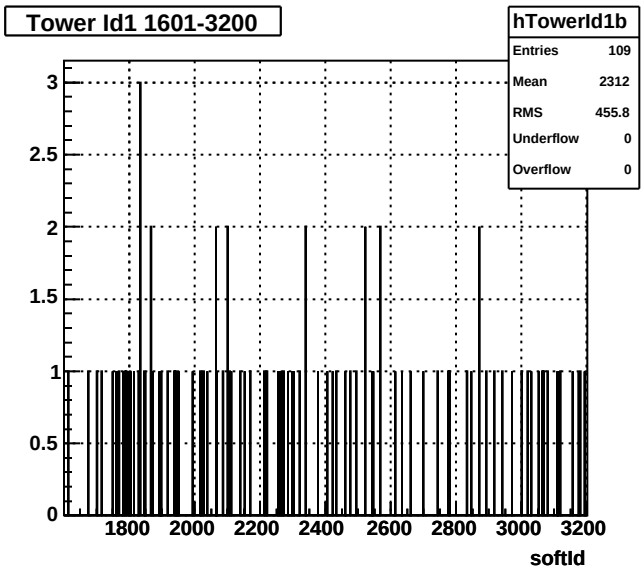

L2 processing time
hTime
Entries 335
Mean 288.8
RMS 57.3
Underflow 0
Overflow 42
time [μs]

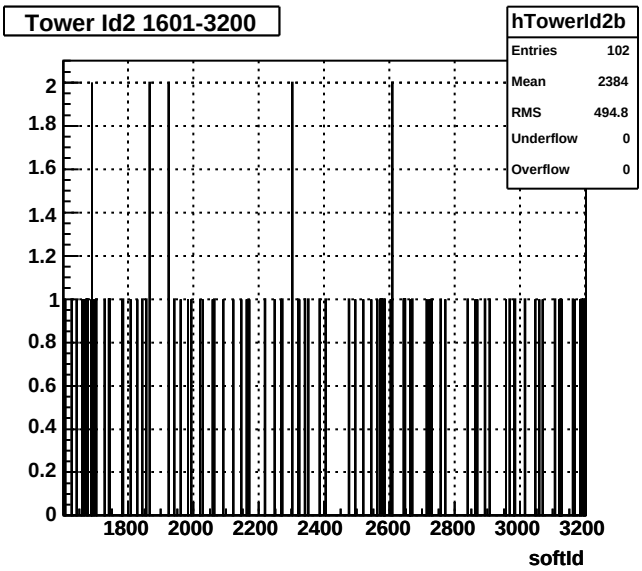

L0-L2 rejection rate
hL0L2RejectionRate
Entries 335
Mean 1.751
RMS 0.1145
Underflow 0
Overflow 0

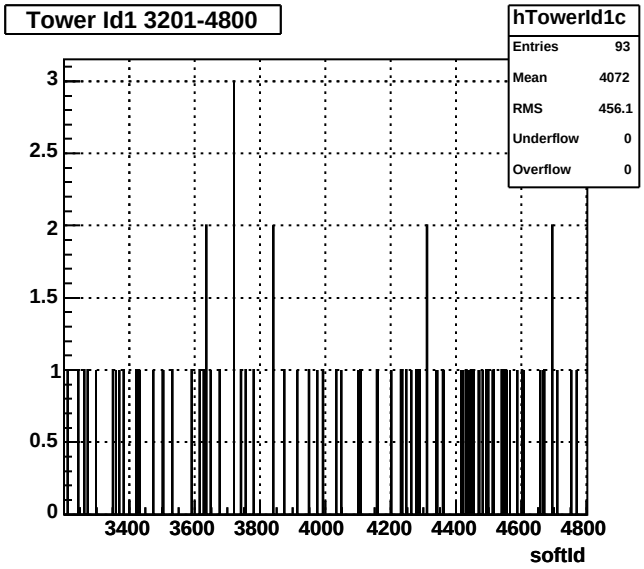

Delta Phi
hDeltaPhi
Entries 335
Mean 2.348
RMS 0.5098
Underflow 0
Overflow 0
Δφ [radians]

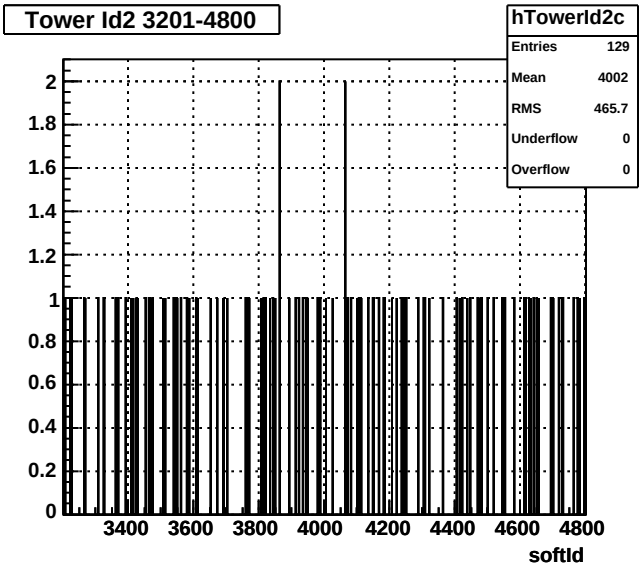

Tower Id1 1-1600
hTowerId1a
Entries 133
Mean 844.2
RMS 436.1
Underflow 0
Overflow 0
softId

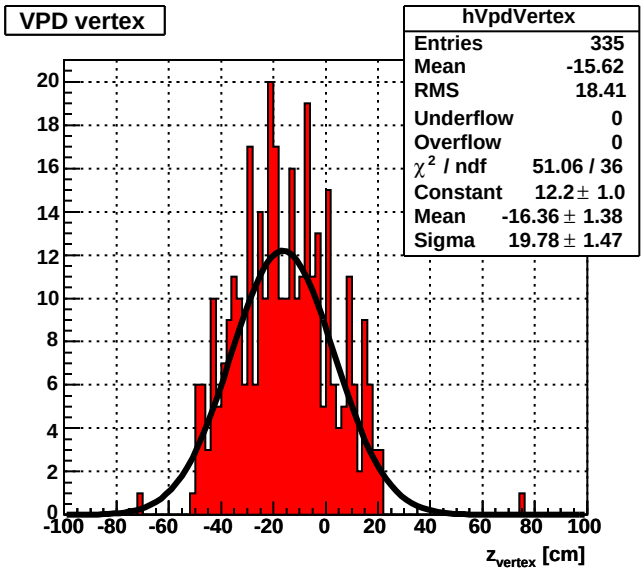

Tower Id2 1-1600
hTowerId2a
Entries 104
Mean 805.1
RMS 459.4
Underflow 0
Overflow 0
softId

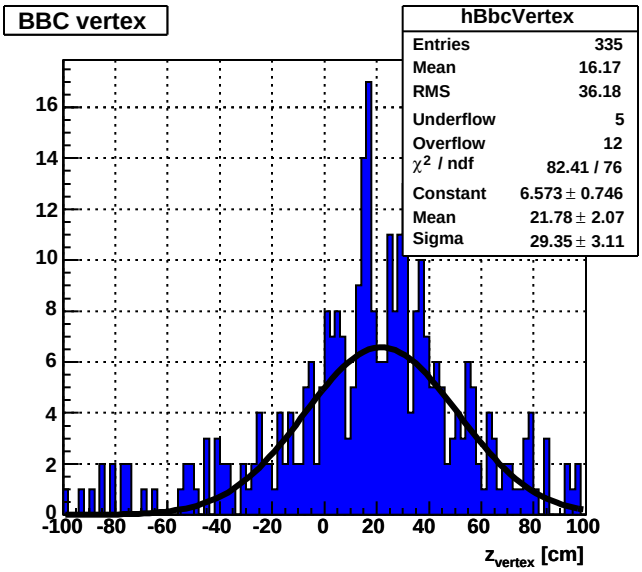

Tower Id1 1601-3200
hTowerId1b
Entries 109
Mean 2312
RMS 455.8
Underflow 0
Overflow 0
softId

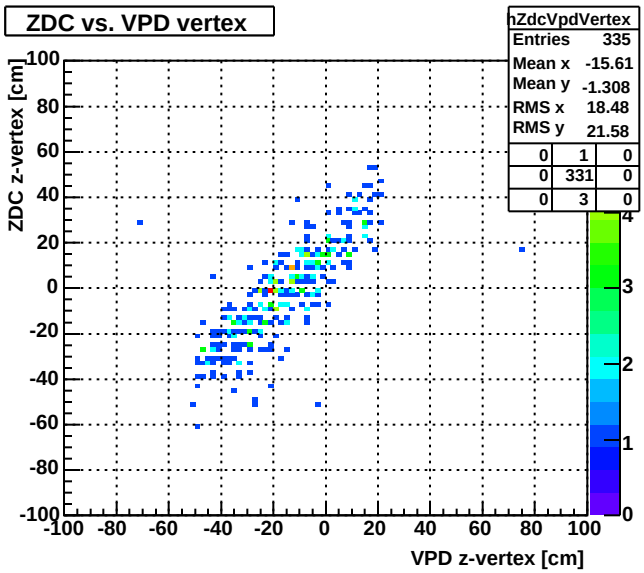

Tower Id2 1601-3200
hTowerId2b
Entries 102
Mean 2384
RMS 494.8
Underflow 0
Overflow 0
softId

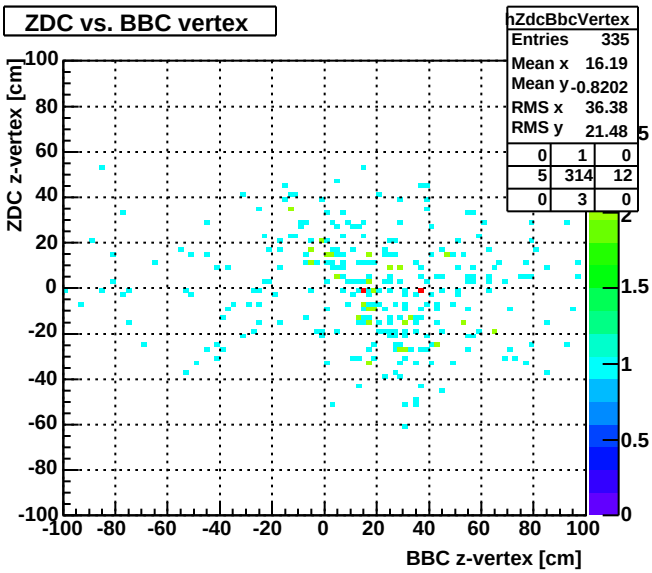

Tower Id1 3201-4800
hTowerId1c
Entries 93
Mean 4072
RMS 456.1
Underflow 0
Overflow 0
softId

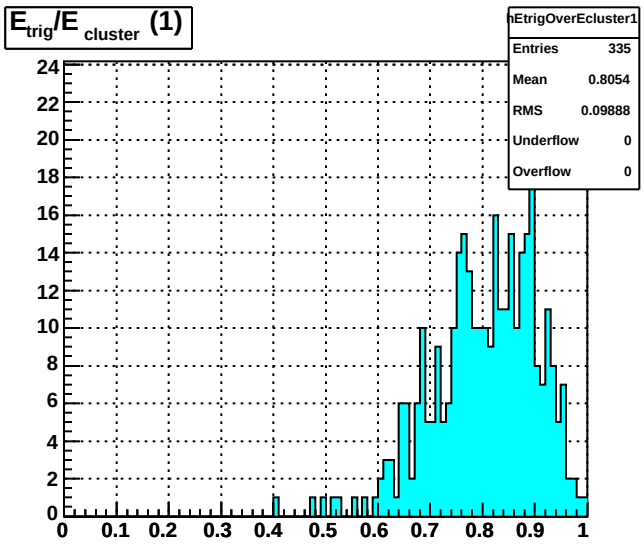

Tower Id2 3201-4800
hTowerId2c
Entries 129
Mean 4002
RMS 465.7
Underflow 0
Overflow 0
softId

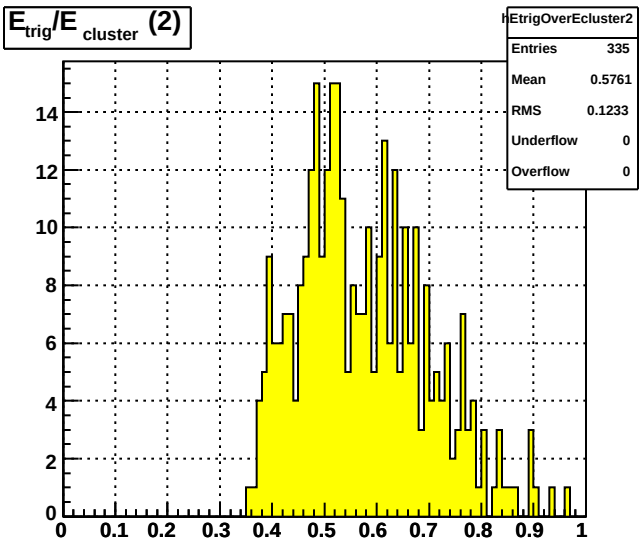

VPD vertex
hVpdVertex
Entries 335
Mean -15.62
RMS 18.41
Underflow 0
Overflow 0
χ² / ndf 51.06 / 36
Constant 12.2 ± 1.0
Mean -16.36 ± 1.38
Sigma 19.78 ± 1.47
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 335
Mean 16.17
RMS 36.18
Underflow 5
Overflow 12
χ² / ndf 82.41 / 76
Constant 6.573 ± 0.746
Mean 21.78 ± 2.07
Sigma 29.35 ± 3.11
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 335
Mean x -15.61
Mean y -1.308
RMS x 18.48
RMS y 21.58
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 335
Mean x 16.19
Mean y -0.8202
RMS x 36.38
RMS y 21.48
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 335
Mean 0.8054
RMS 0.09888
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 335
Mean 0.5761
RMS 0.1233
Underflow 0
Overflow 0