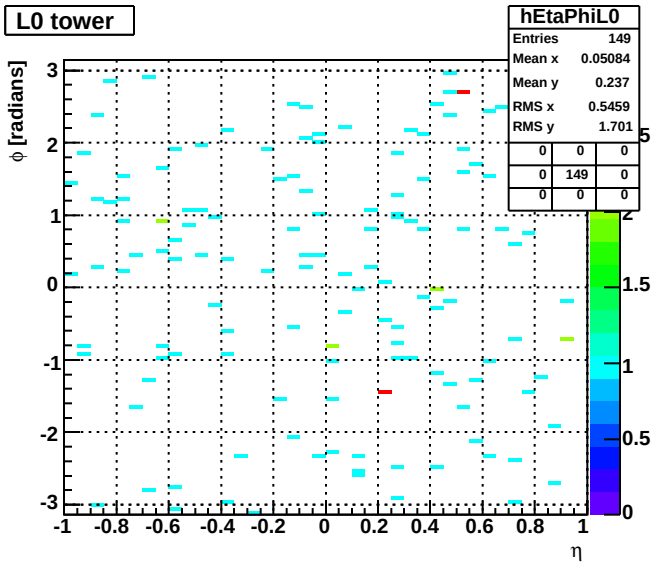
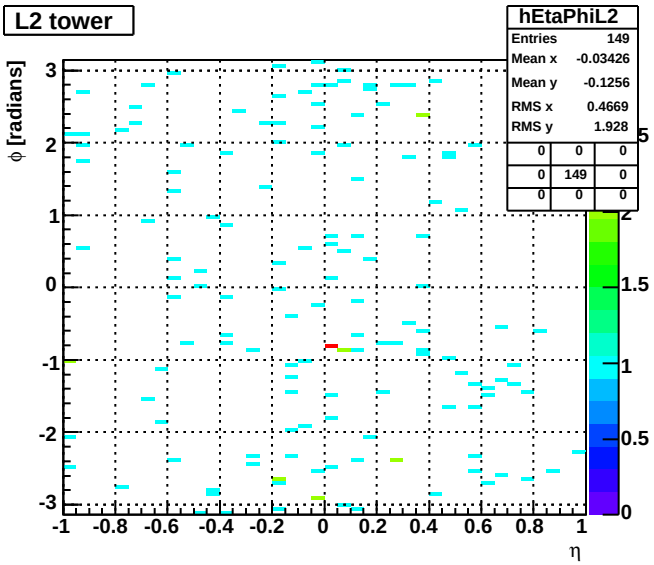
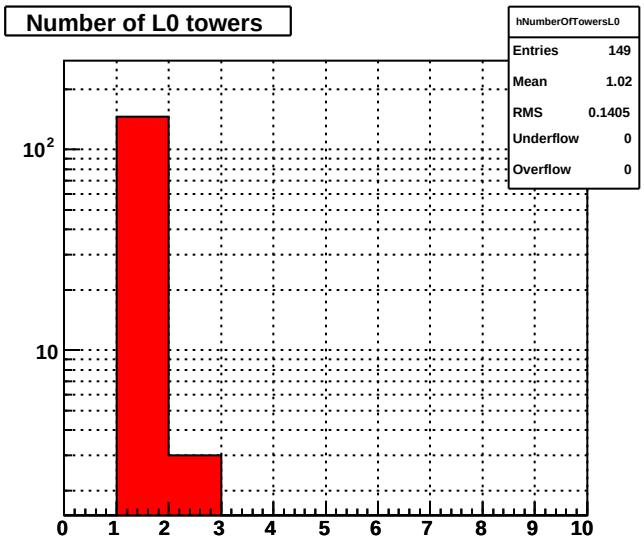
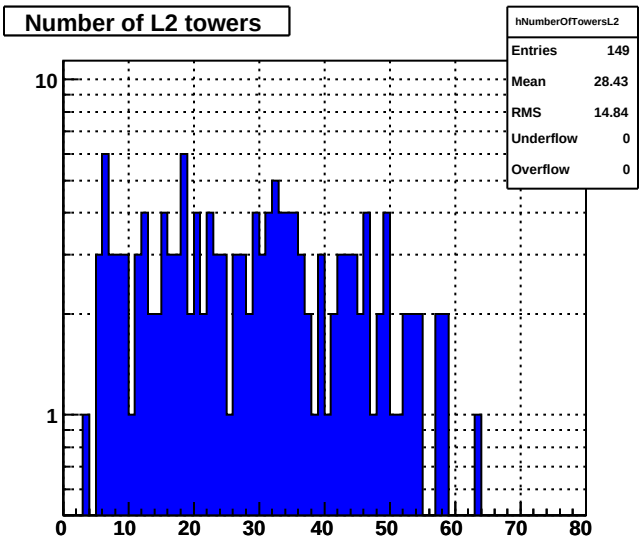
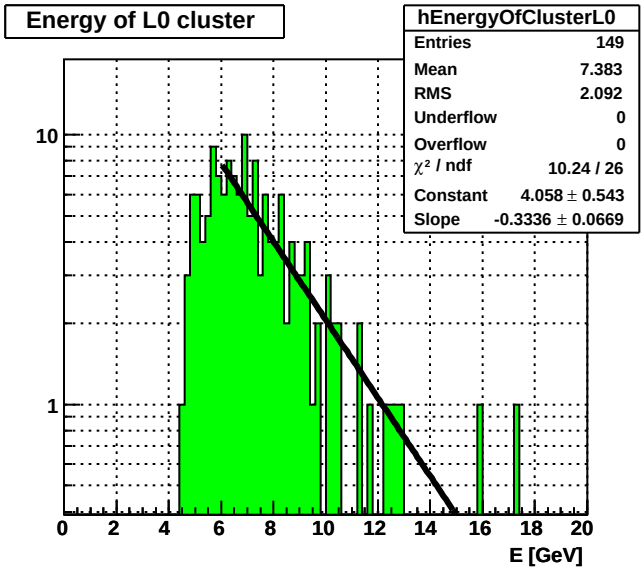
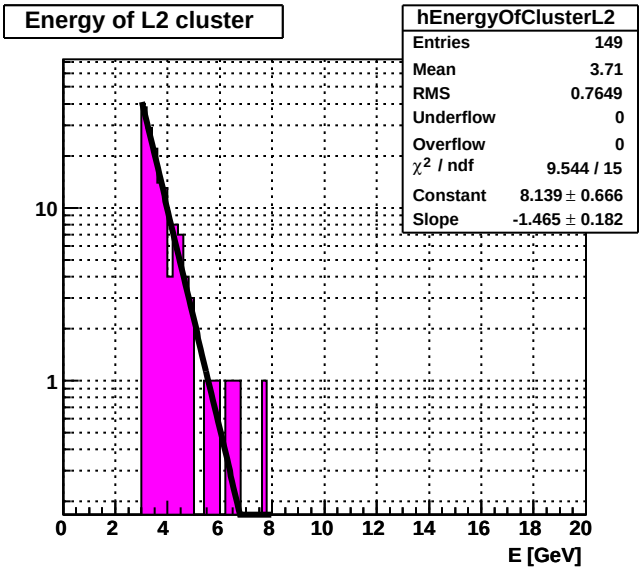

L0 tower
hEtaPhiL0
Entries 149
Mean x 0.05084
Mean y 0.237
RMS x 0.5459
RMS y 1.701
φ [radians]
η

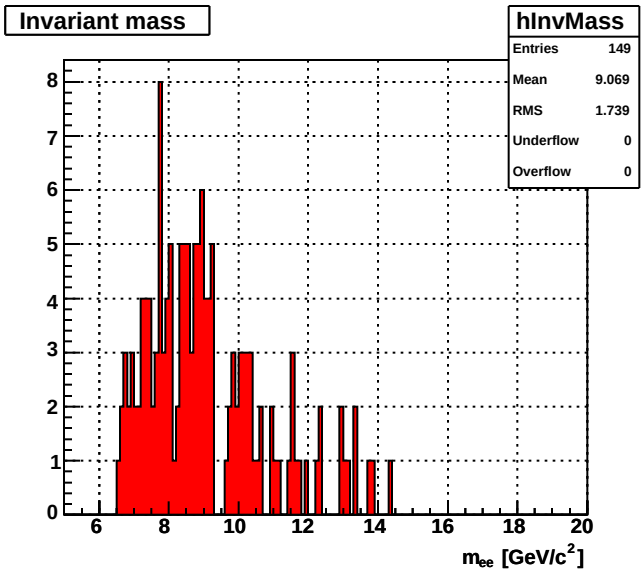

L2 tower
hEtaPhiL2
Entries 149
Mean x -0.03426
Mean y -0.1256
RMS x 0.4669
RMS y 1.928
φ [radians]
η

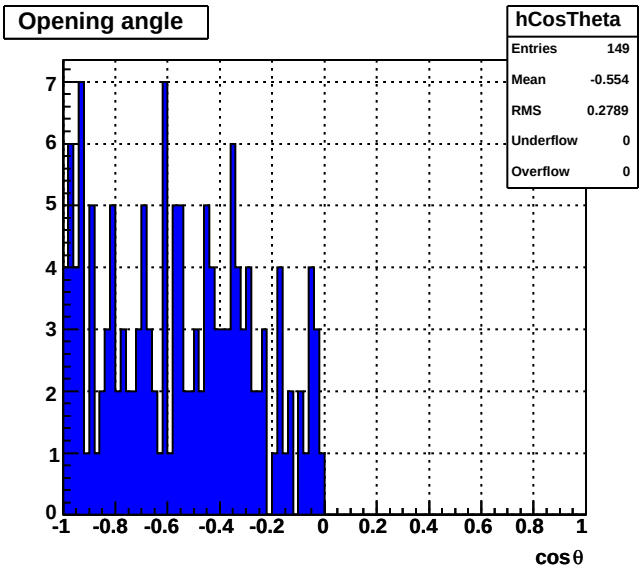

Number of L0 towers
hNumberOfTowersL0
Entries 149
Mean 1.02
RMS 0.1405
Underflow 0
Overflow 0

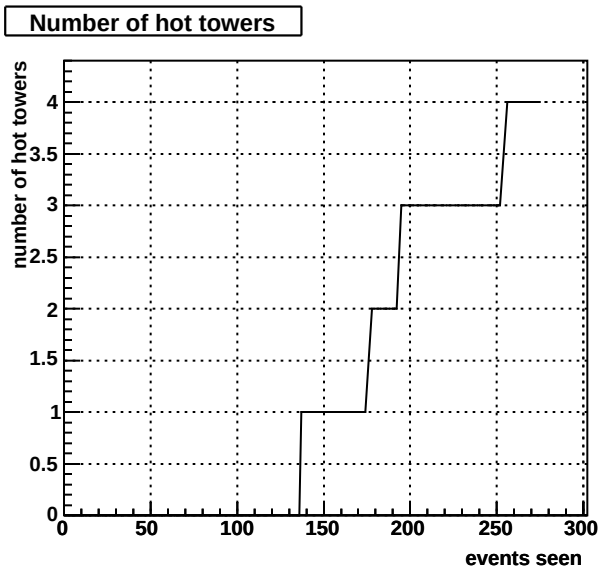

Number of L2 towers
hNumberOfTowersL2
Entries 149
Mean 28.43
RMS 14.84
Underflow 0
Overflow 0

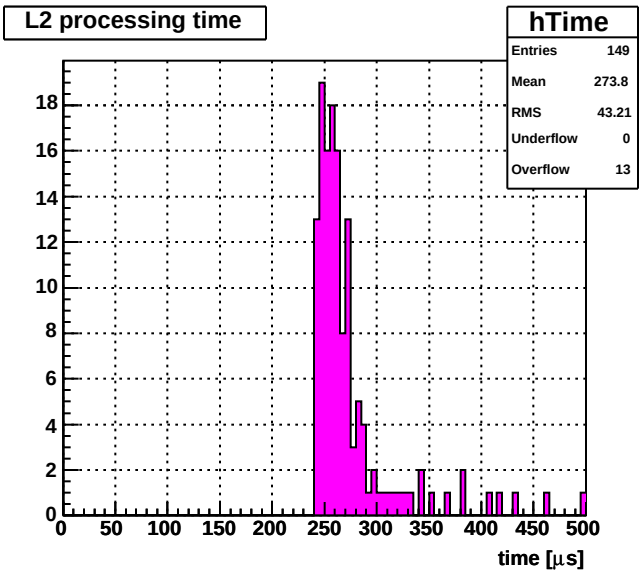

Energy of L0 cluster
hEnergyOfClusterL0
Entries 149
Mean 7.383
RMS 2.092
Underflow 0
Overflow 0
χ² / ndf 10.24 / 26
Constant 4.058 ± 0.543
Slope -0.3336 ± 0.0669
E [GeV]

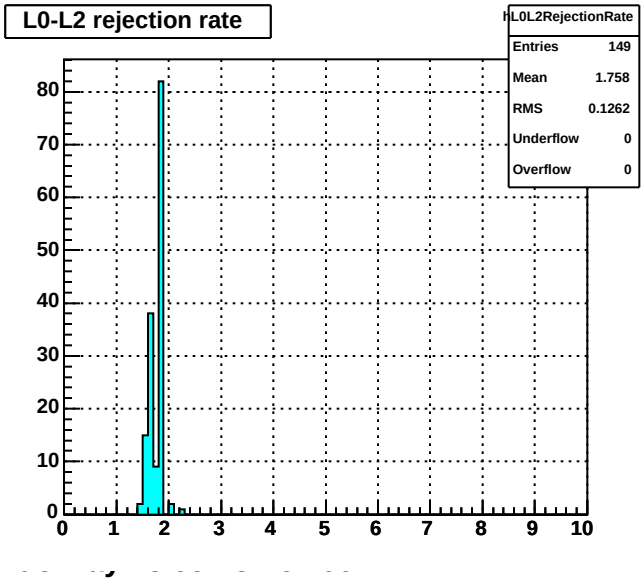

Energy of L2 cluster
hEnergyOfClusterL2
Entries 149
Mean 3.71
RMS 0.7649
Underflow 0
Overflow 0
χ² / ndf 9.544 / 15
Constant 8.139 ± 0.666
Slope -1.465 ± 0.182
E [GeV]

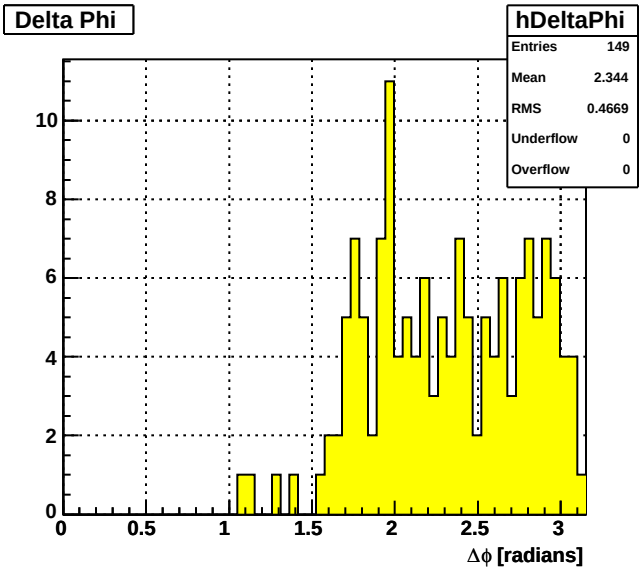

Invariant mass
hInvMass
Entries 149
Mean 9.069
RMS 1.739
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

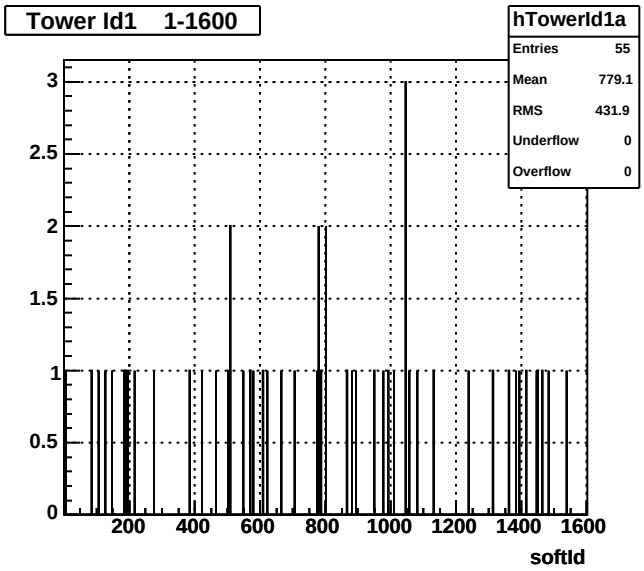

Opening angle
hCosTheta
Entries 149
Mean -0.554
RMS 0.2789
Underflow 0
Overflow 0
cos θ

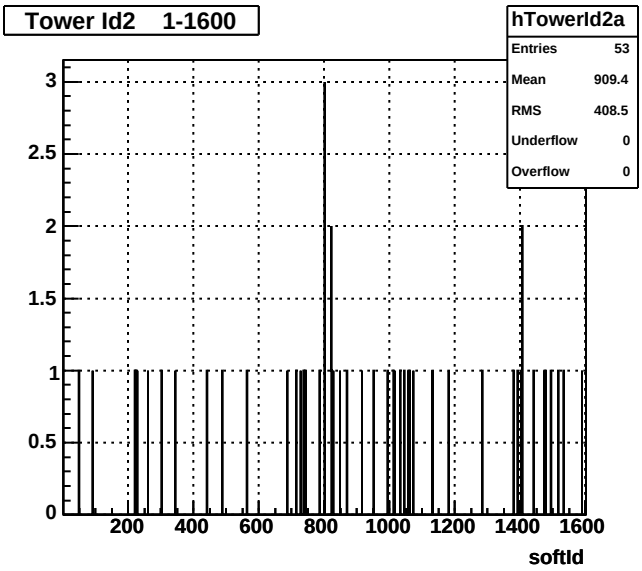

Number of hot towers
number of hot towers
events seen

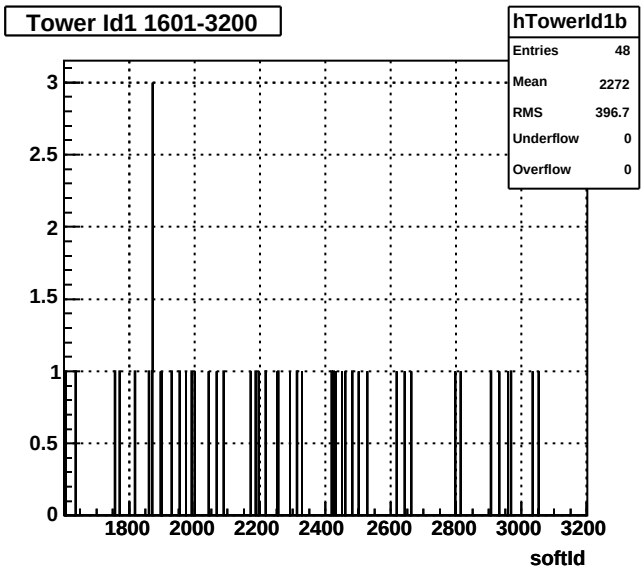

L2 processing time
hTime
Entries 149
Mean 273.8
RMS 43.21
Underflow 0
Overflow 13
time [μs]

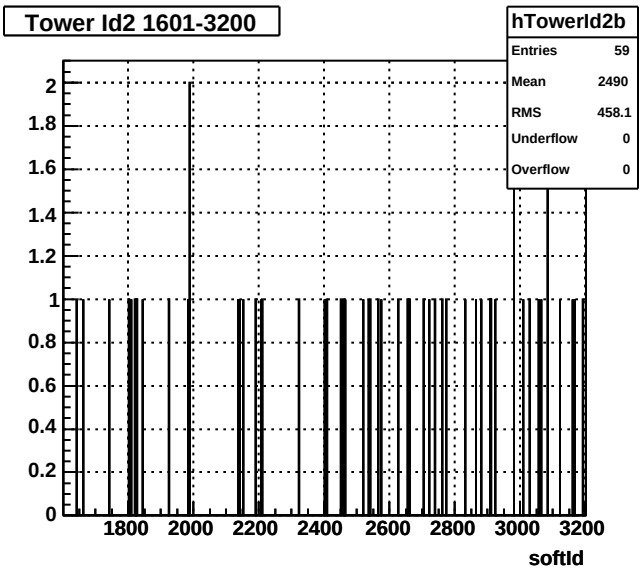

L0-L2 rejection rate
hL0L2RejectionRate
Entries 149
Mean 1.758
RMS 0.1262
Underflow 0
Overflow 0

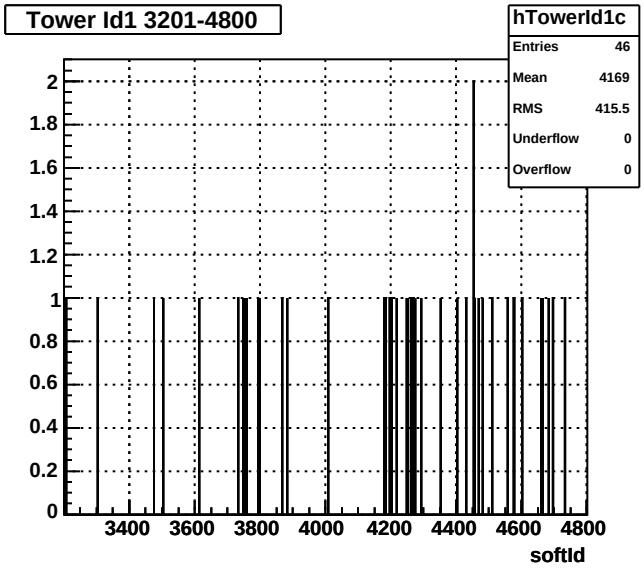

Delta Phi
hDeltaPhi
Entries 149
Mean 2.344
RMS 0.4669
Underflow 0
Overflow 0
Δφ [radians]

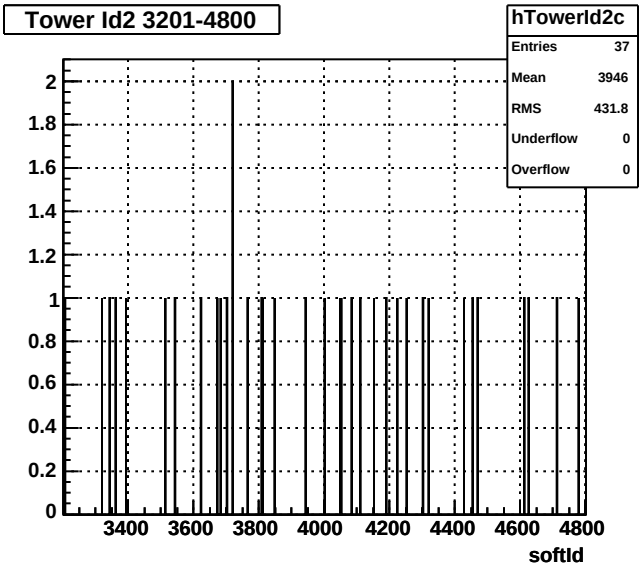

Tower Id1 1-1600
hTowerId1a
Entries 55
Mean 779.1
RMS 431.9
Underflow 0
Overflow 0
softId

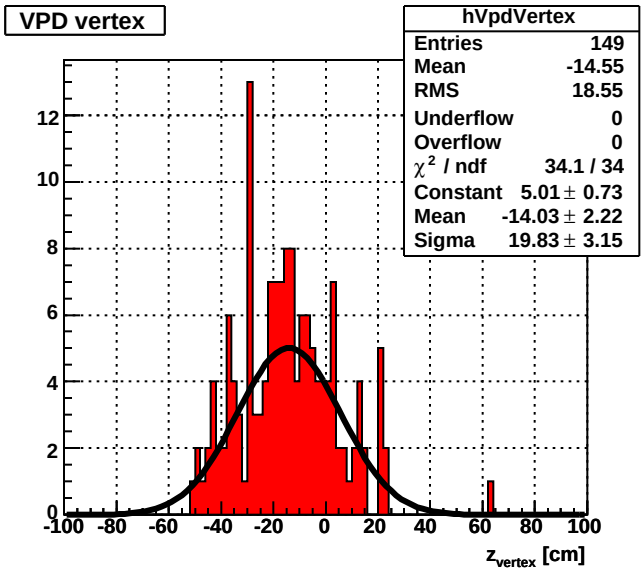

Tower Id2 1-1600
hTowerId2a
Entries 53
Mean 909.4
RMS 408.5
Underflow 0
Overflow 0
softId

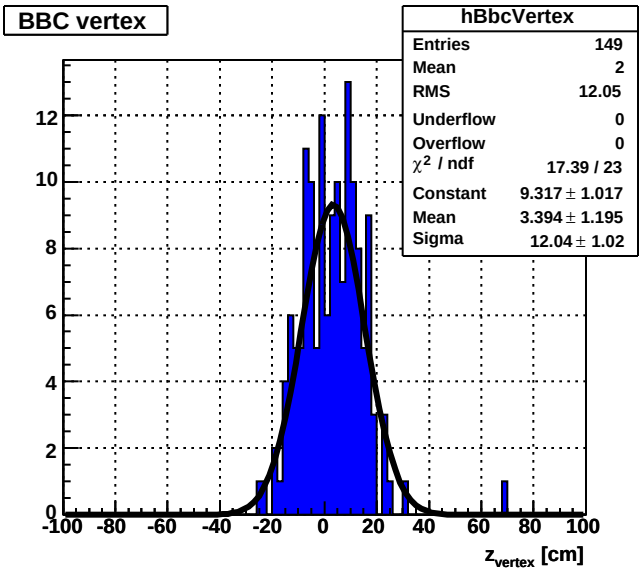

Tower Id1 1601-3200
hTowerId1b
Entries 48
Mean 2272
RMS 396.7
Underflow 0
Overflow 0
softId

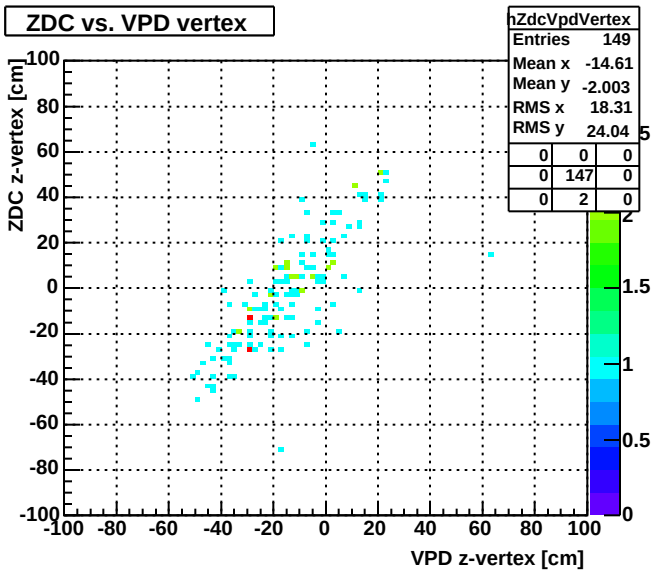

Tower Id2 1601-3200
hTowerId2b
Entries 59
Mean 2490
RMS 458.1
Underflow 0
Overflow 0
softId

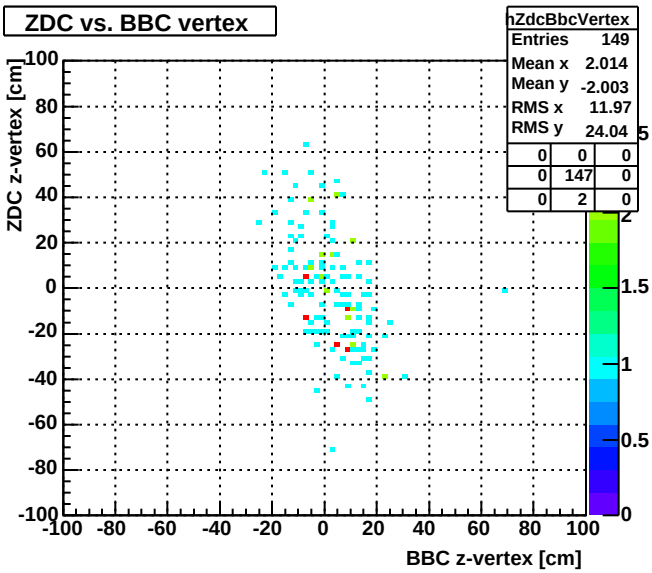

Tower Id1 3201-4800
hTowerId1c
Entries 46
Mean 4169
RMS 415.5
Underflow 0
Overflow 0
softId

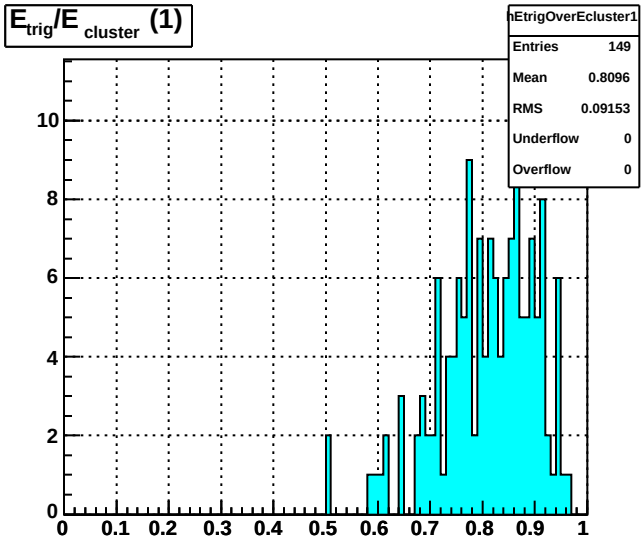

Tower Id2 3201-4800
hTowerId2c
Entries 37
Mean 3946
RMS 431.8
Underflow 0
Overflow 0
softId

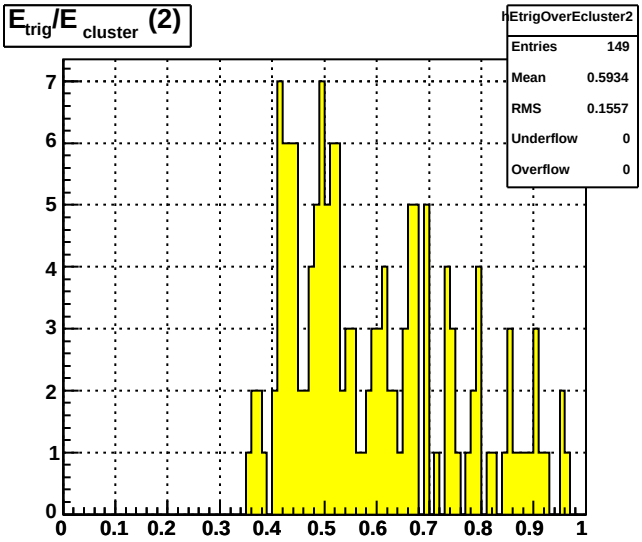

VPD vertex
hVpdVertex
Entries 149
Mean -14.55
RMS 18.55
Underflow 0
Overflow 0
χ² / ndf 34.1 / 34
Constant 5.01 ± 0.73
Mean -14.03 ± 2.22
Sigma 19.83 ± 3.15
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 149
Mean 2
RMS 12.05
Underflow 0
Overflow 0
χ² / ndf 17.39 / 23
Constant 9.317 ± 1.017
Mean 3.394 ± 1.195
Sigma 12.04 ± 1.02
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 149
Mean x -14.61
Mean y -2.003
RMS x 18.31
RMS y 24.04
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 149
Mean x 2.014
Mean y -2.003
RMS x 11.97
RMS y 24.04
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 149
Mean 0.8096
RMS 0.09153
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 149
Mean 0.5934
RMS 0.1557
Underflow 0
Overflow 0