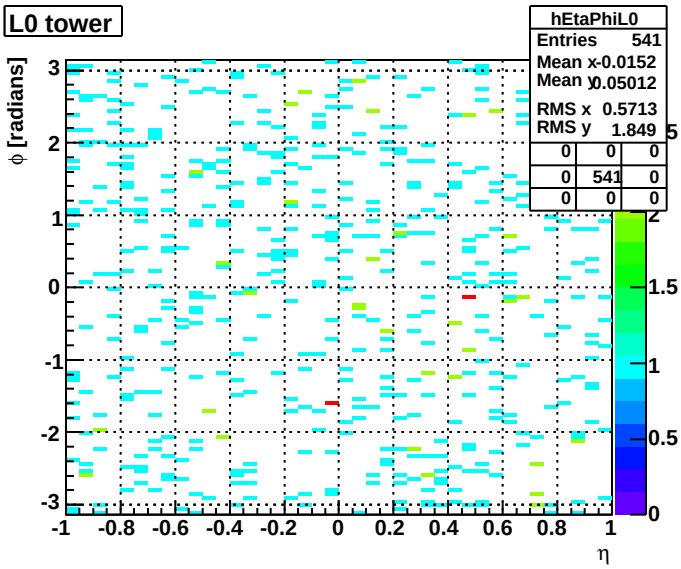
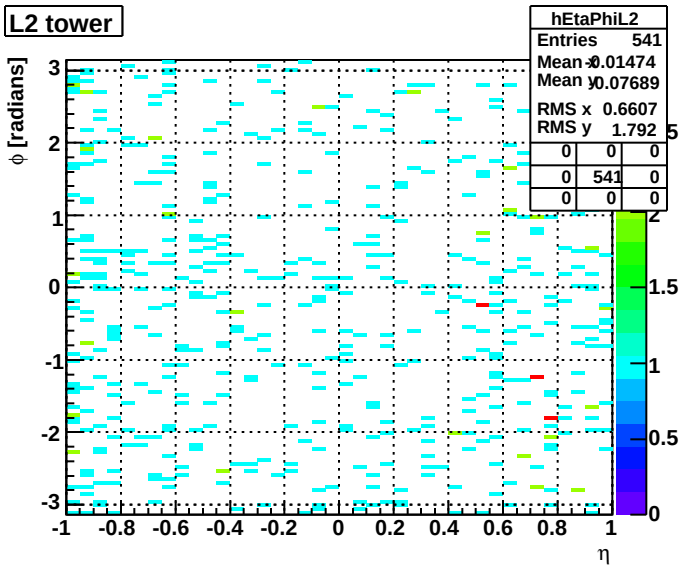
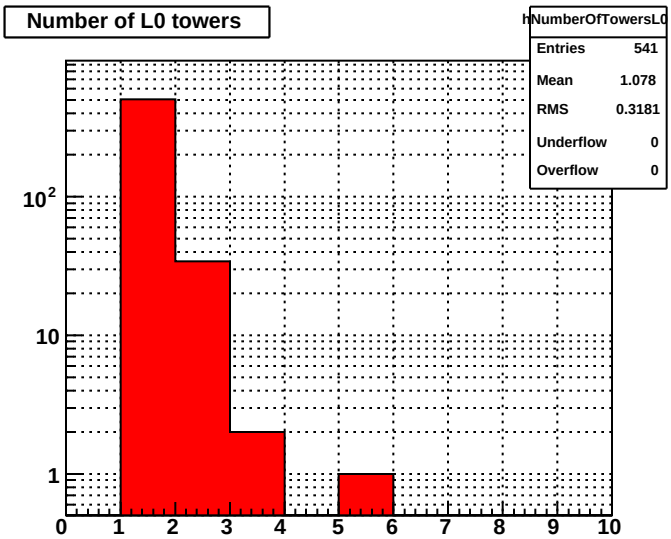
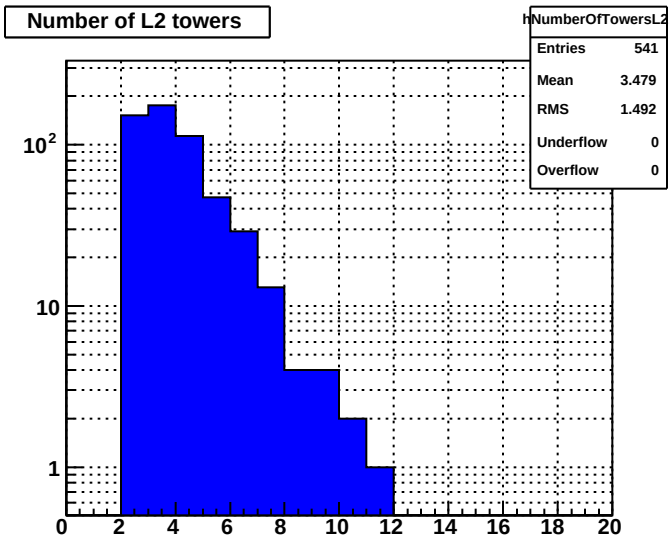
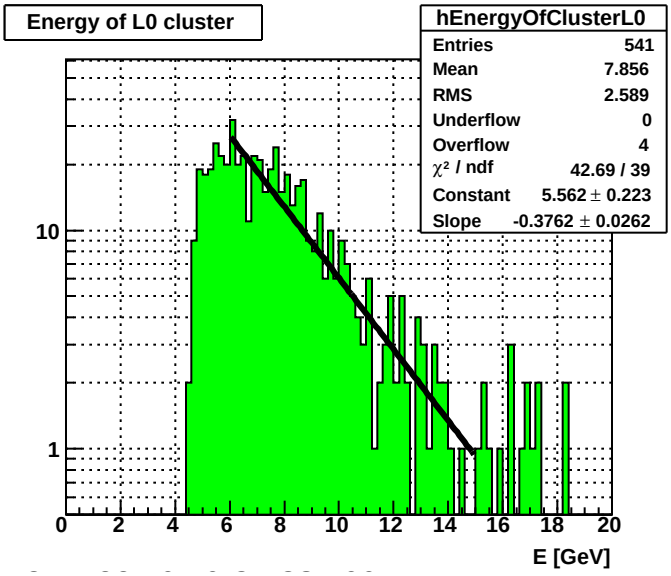
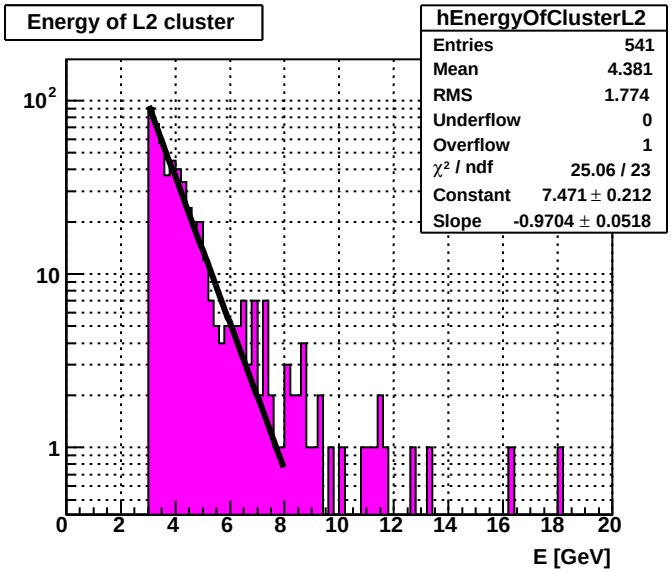

L0 tower
hEtaPhiL0
Entries 541
Mean x -0.0152
Mean y 0.05012
RMS x 0.5713
RMS y 1.849
φ [radians]
η

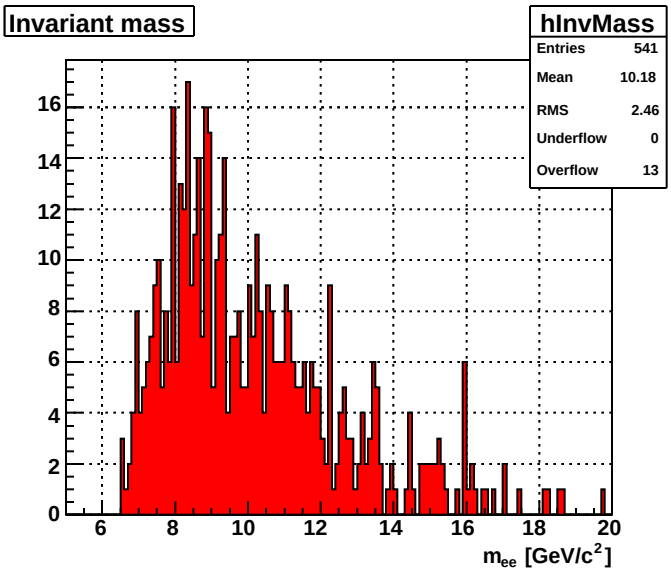

L2 tower
hEtaPhiL2
Entries 541
Mean x -0.01474
Mean y 0.07689
RMS x 0.6607
RMS y 1.792
φ [radians]
η

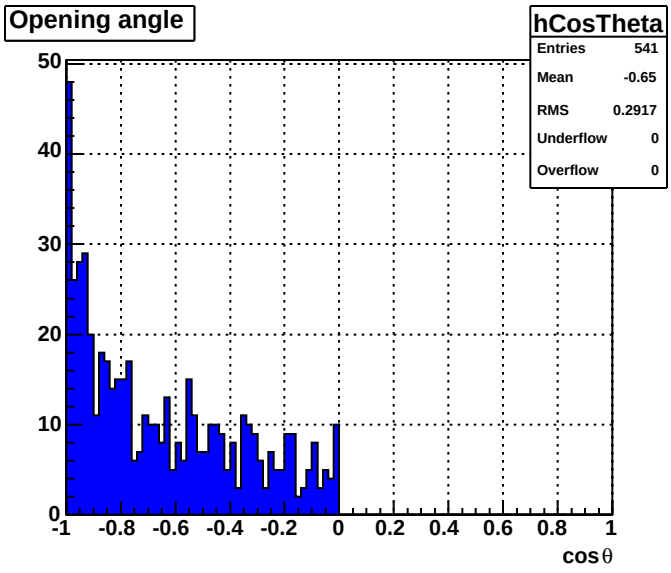

Number of L0 towers
hNumberOfTowersL0
Entries 541
Mean 1.078
RMS 0.3181
Underflow 0
Overflow 0

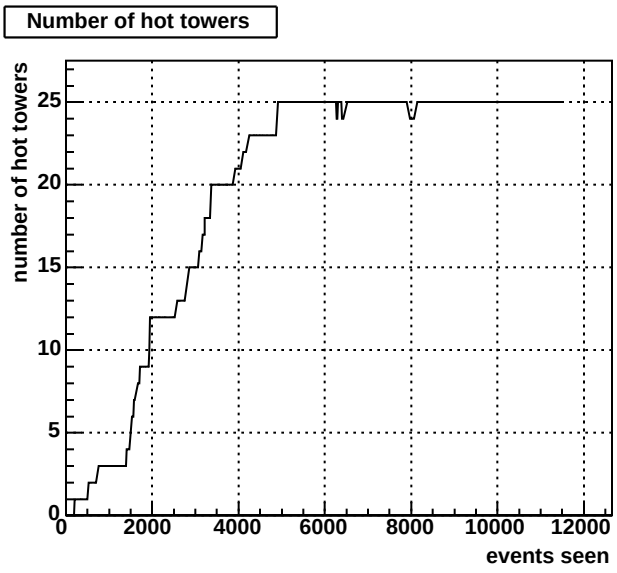

Number of L2 towers
hNumberOfTowersL2
Entries 541
Mean 3.479
RMS 1.492
Underflow 0
Overflow 0

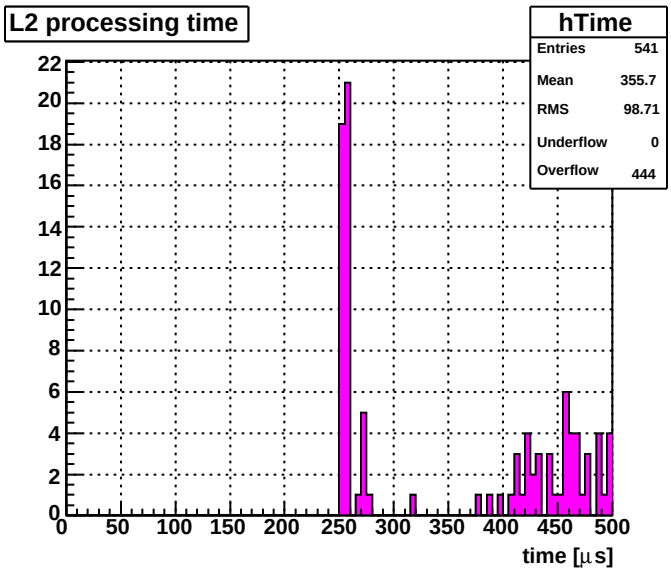

Energy of L0 cluster
hEnergyOfClusterL0
Entries 541
Mean 7.856
RMS 2.589
Underflow 0
Overflow 4
χ² / ndf 42.69 / 39
Constant 5.562 ± 0.223
Slope -0.3762 ± 0.0262
E [GeV]

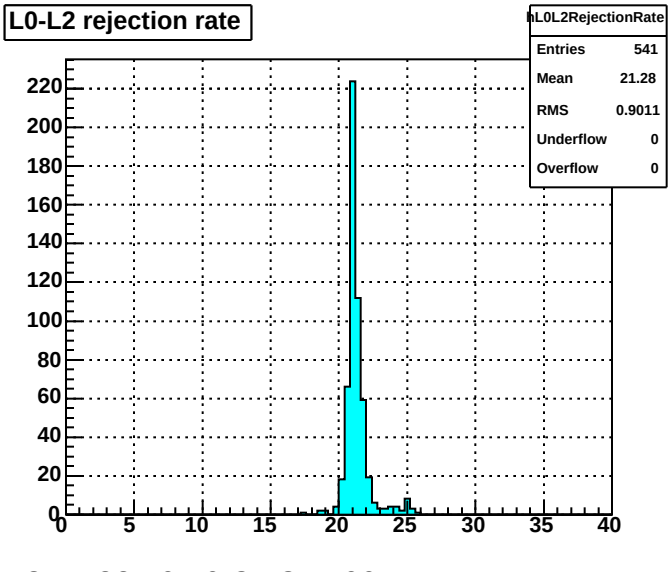

Energy of L2 cluster
hEnergyOfClusterL2
Entries 541
Mean 4.381
RMS 1.774
Underflow 0
Overflow 1
χ² / ndf 25.06 / 23
Constant 7.471 ± 0.212
Slope -0.9704 ± 0.0518
E [GeV]

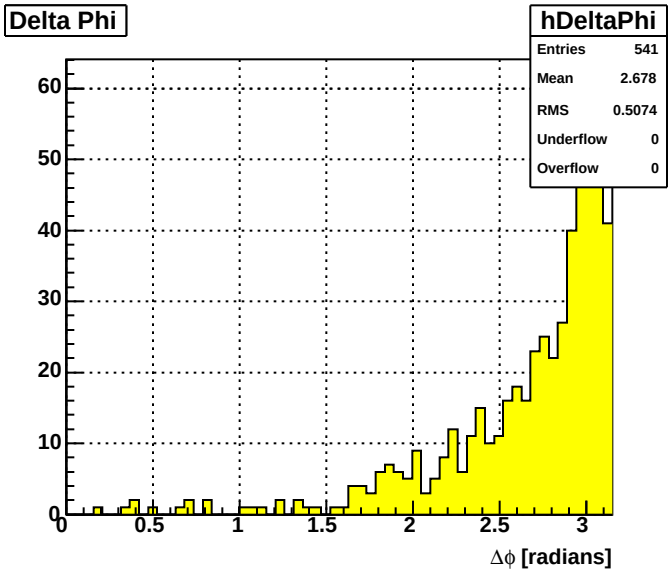

Invariant mass
hInvMass
Entries 541
Mean 10.18
RMS 2.46
Underflow 0
Overflow 13
m_{ee} [GeV/c^2]

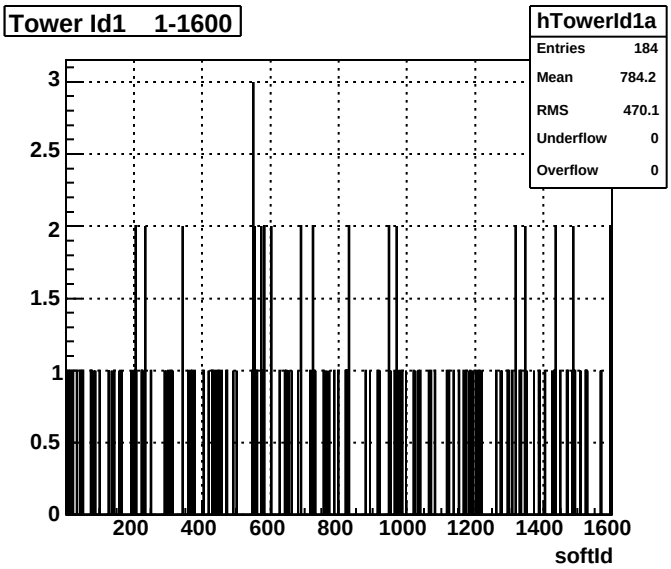

Opening angle
hCosTheta
Entries 541
Mean -0.65
RMS 0.2917
Underflow 0
Overflow 0
cos θ

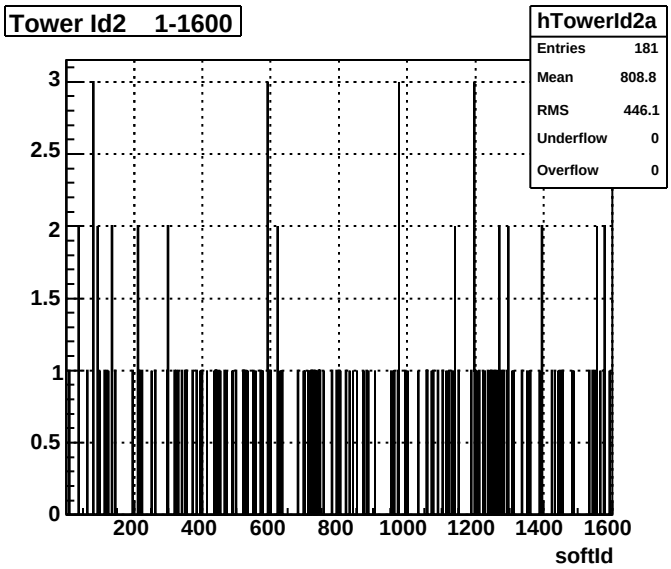

Number of hot towers
number of hot towers
events seen

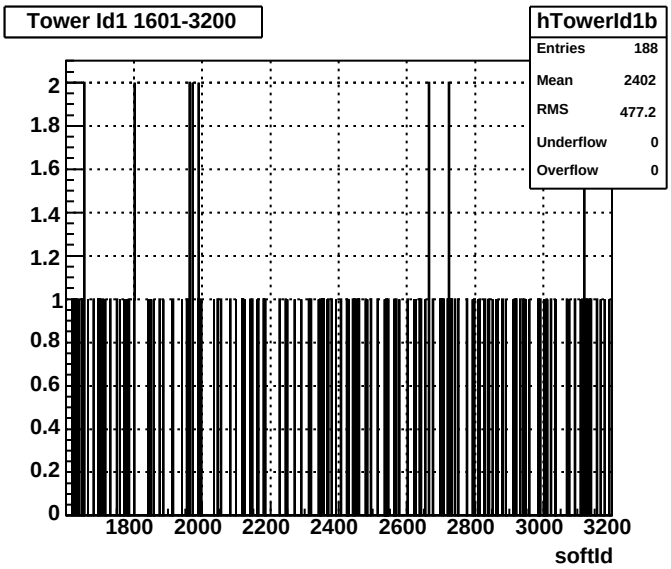

L2 processing time
hTime
Entries 541
Mean 355.7
RMS 98.71
Underflow 0
Overflow 444
time [μs]

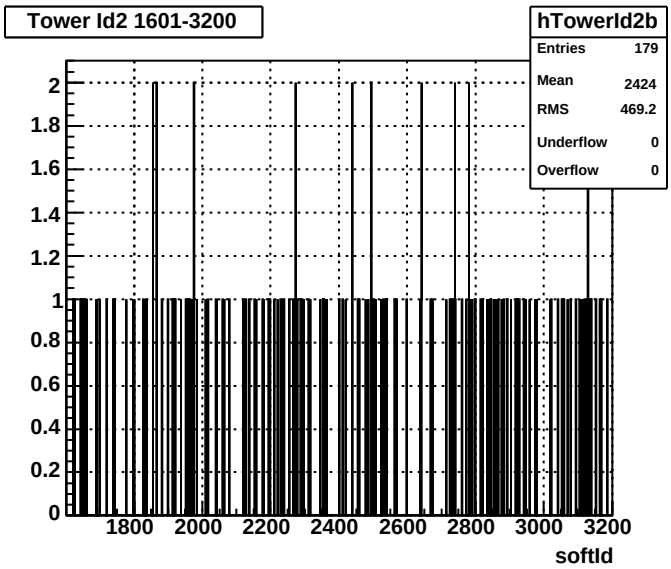

L0-L2 rejection rate
hL0L2RejectionRate
Entries 541
Mean 21.28
RMS 0.9011
Underflow 0
Overflow 0

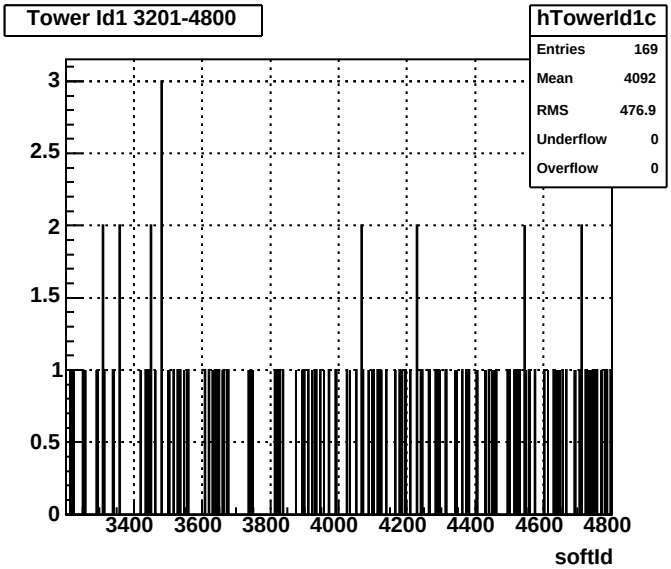

Delta Phi
hDeltaPhi
Entries 541
Mean 2.678
RMS 0.5074
Underflow 0
Overflow 0
Δφ [radians]

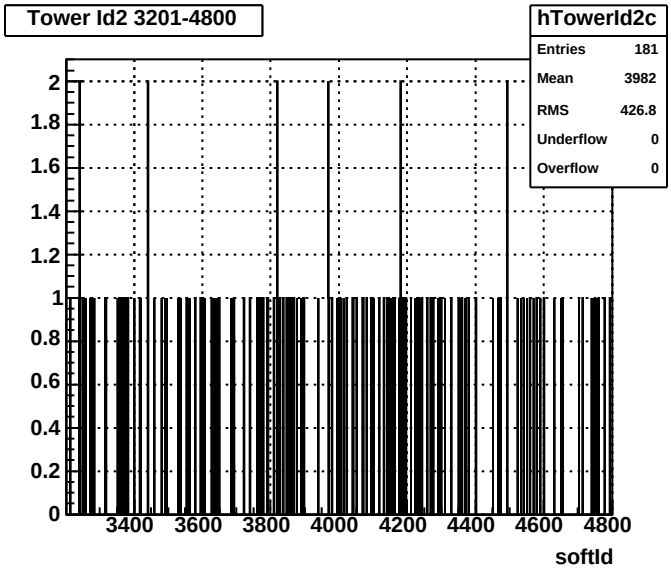

Tower Id1 1-1600
hTowerId1a
Entries 184
Mean 784.2
RMS 470.1
Underflow 0
Overflow 0
softId

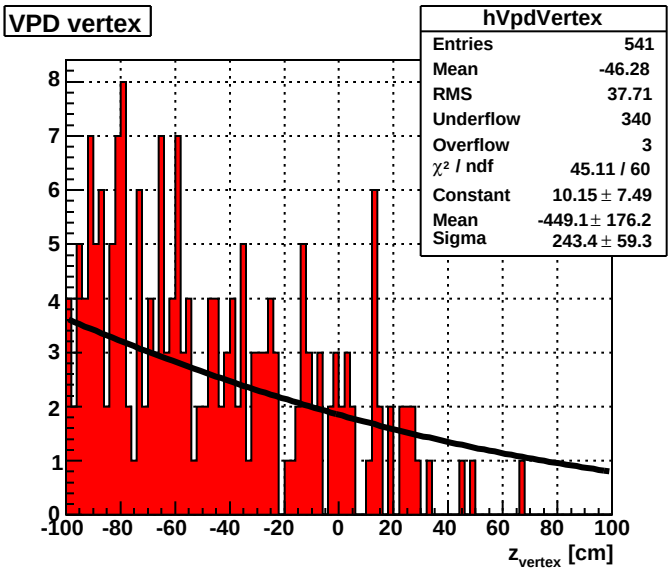

Tower Id2 1-1600
hTowerId2a
Entries 181
Mean 808.8
RMS 446.1
Underflow 0
Overflow 0
softId

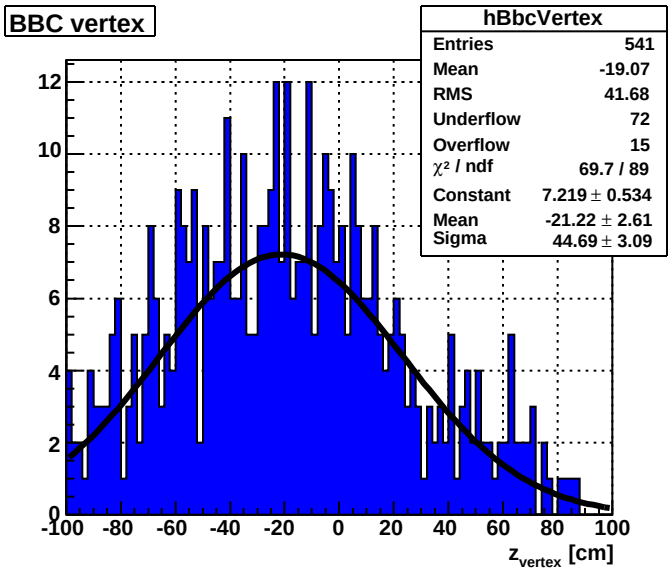

Tower Id1 1601-3200
hTowerId1b
Entries 188
Mean 2402
RMS 477.2
Underflow 0
Overflow 0
softId

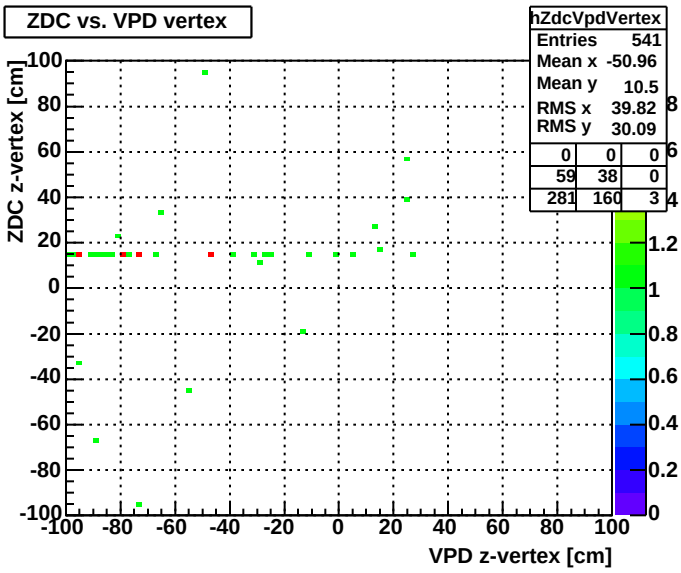

Tower Id2 1601-3200
hTowerId2b
Entries 179
Mean 2424
RMS 469.2
Underflow 0
Overflow 0
softId

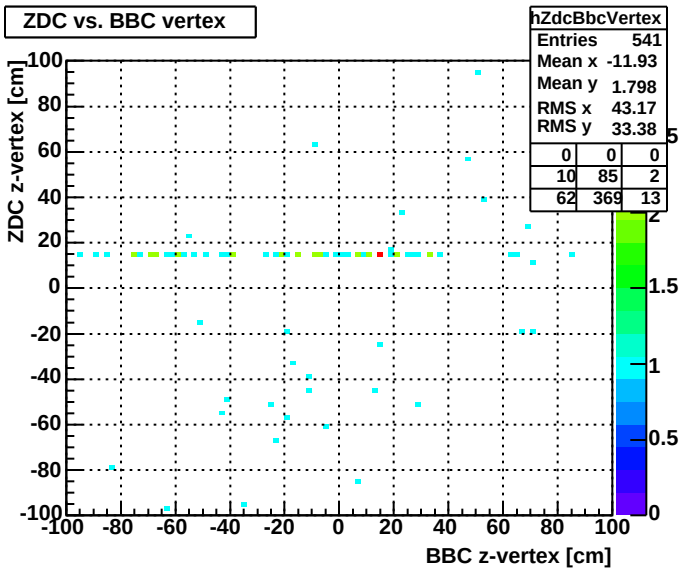

Tower Id1 3201-4800
hTowerId1c
Entries 169
Mean 4092
RMS 476.9
Underflow 0
Overflow 0
softId

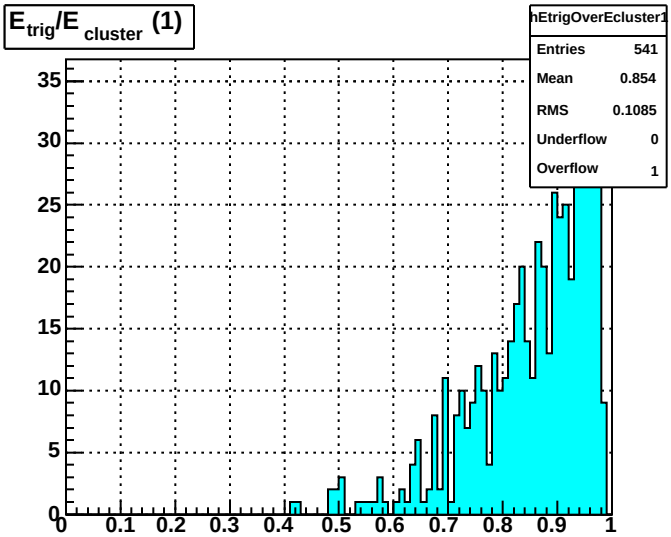

Tower Id2 3201-4800
hTowerId2c
Entries 181
Mean 3982
RMS 426.8
Underflow 0
Overflow 0
softId

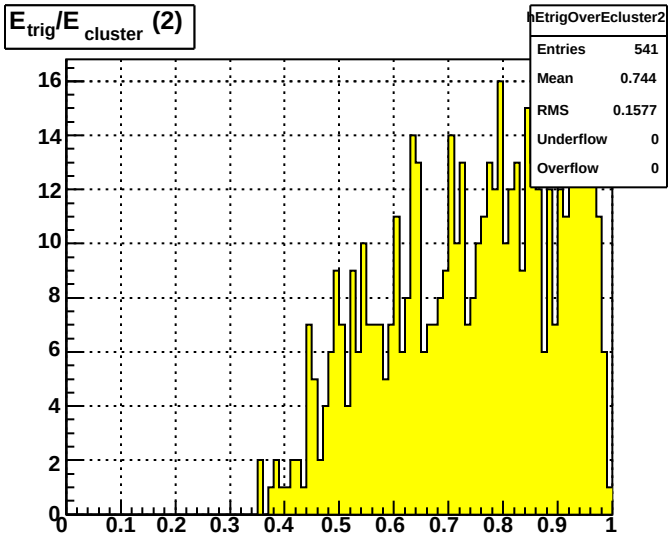

VPD vertex
hVpdVertex
Entries 541
Mean -46.28
RMS 37.71
Underflow 340
Overflow 3
χ² / ndf 45.11 / 60
Constant 10.15 ± 7.49
Mean -449.1 ± 176.2
Sigma 243.4 ± 59.3
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 541
Mean -19.07
RMS 41.68
Underflow 72
Overflow 15
χ² / ndf 69.7 / 89
Constant 7.219 ± 0.534
Mean -21.22 ± 2.61
Sigma 44.69 ± 3.09
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 541
Mean x -50.96
Mean y 10.5
RMS x 39.82
RMS y 30.09
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 541
Mean x -11.93
Mean y 1.798
RMS x 43.17
RMS y 33.38
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 541
Mean 0.854
RMS 0.1085
Underflow 0
Overflow 1


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 541
Mean 0.744
RMS 0.1577
Underflow 0
Overflow 0