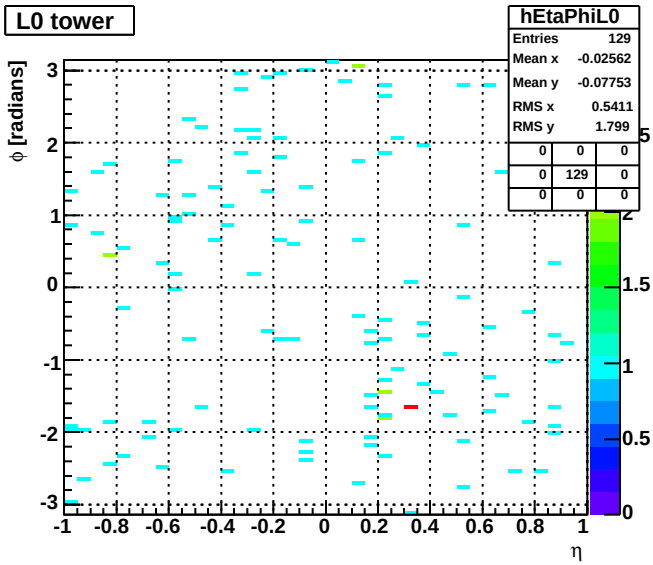
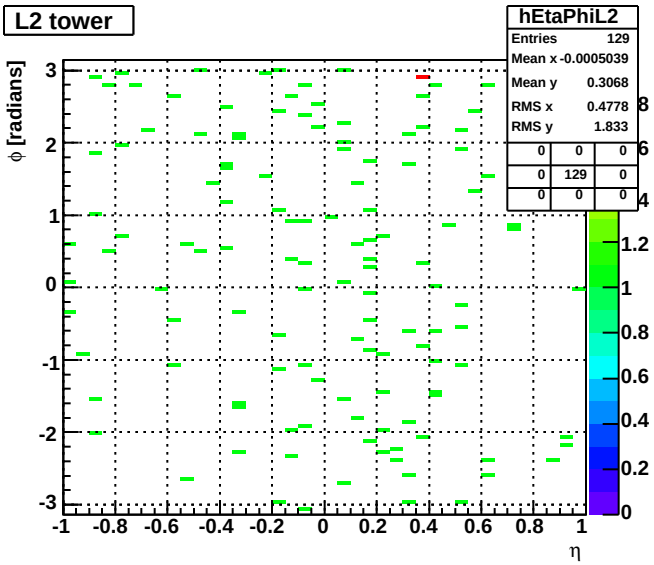
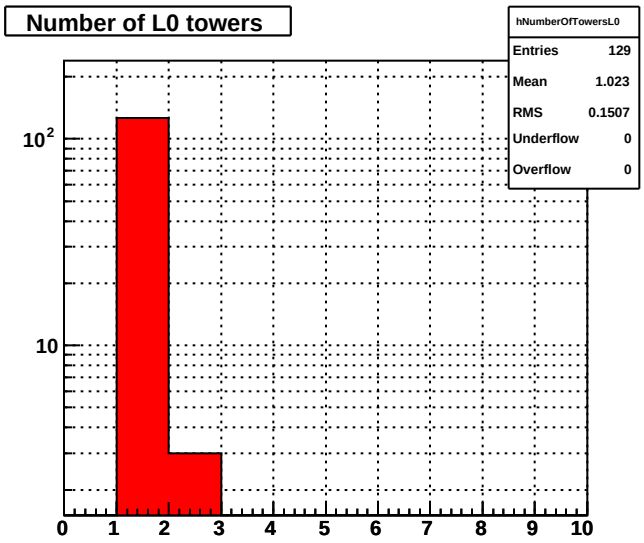
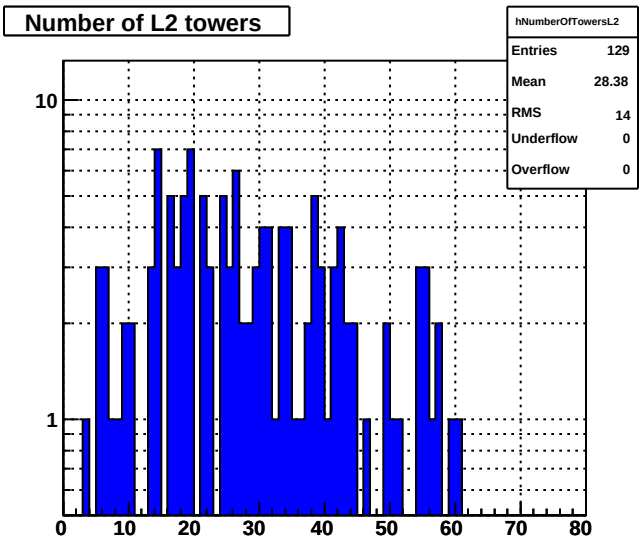
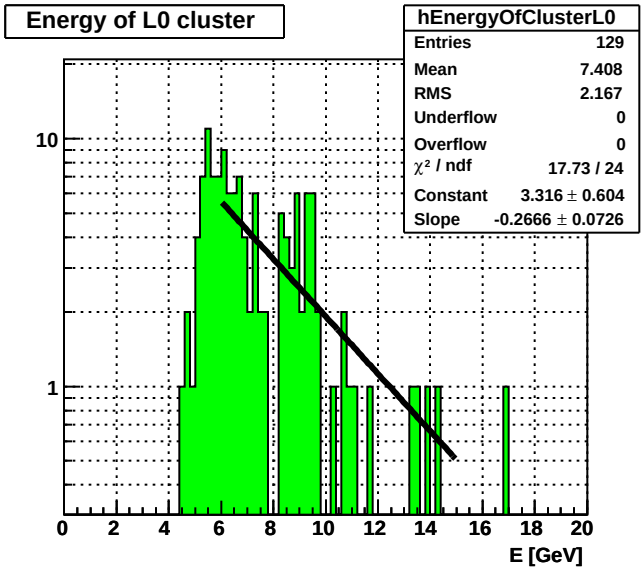
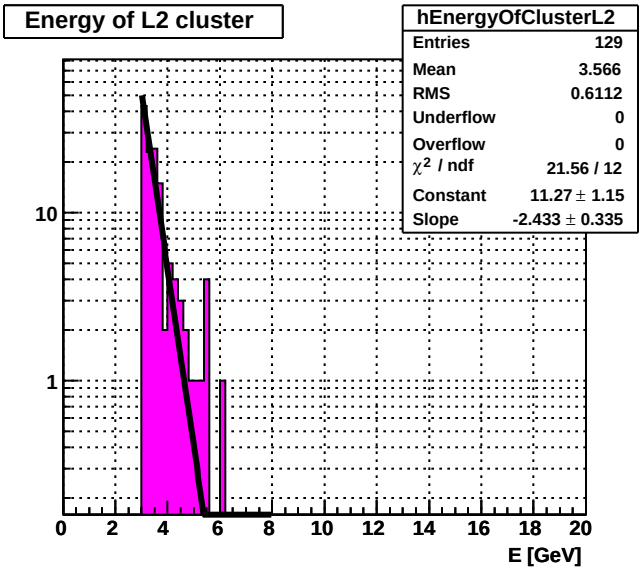

L0 tower
hEtaPhiL0
Entries 129
Mean x -0.02562
Mean y -0.07753
RMS x 0.5411
RMS y 1.799
φ [radians]
η

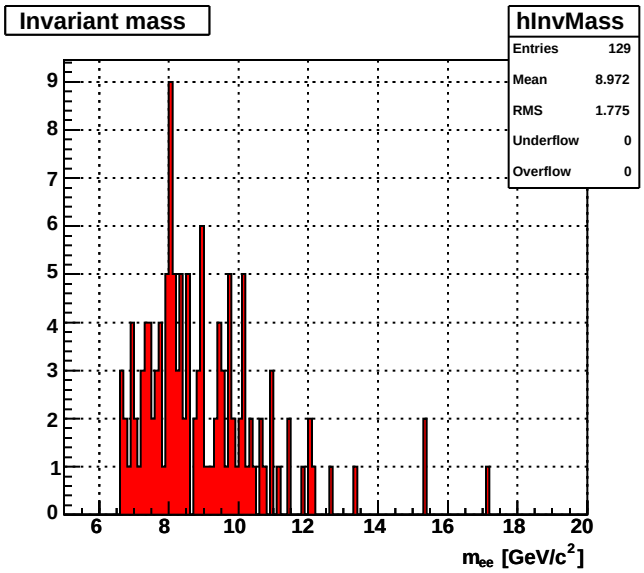

L2 tower
hEtaPhiL2
Entries 129
Mean x -0.0005039
Mean y 0.3068
RMS x 0.4778
RMS y 1.833
φ [radians]
η

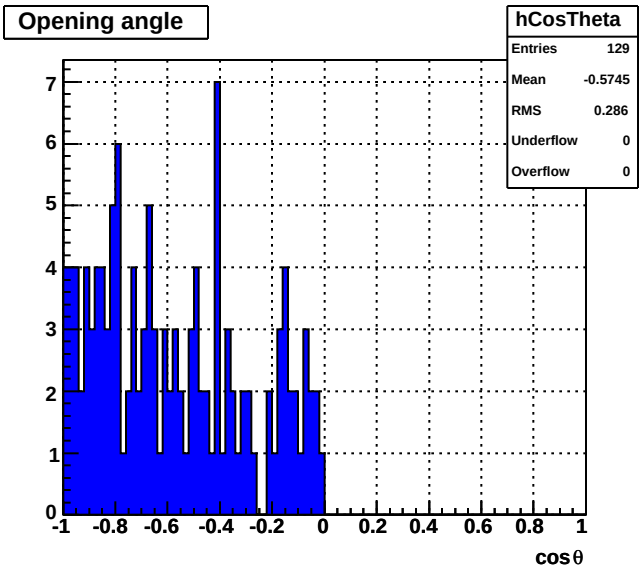

Number of L0 towers
hNumberOfTowersL0
Entries 129
Mean 1.023
RMS 0.1507
Underflow 0
Overflow 0

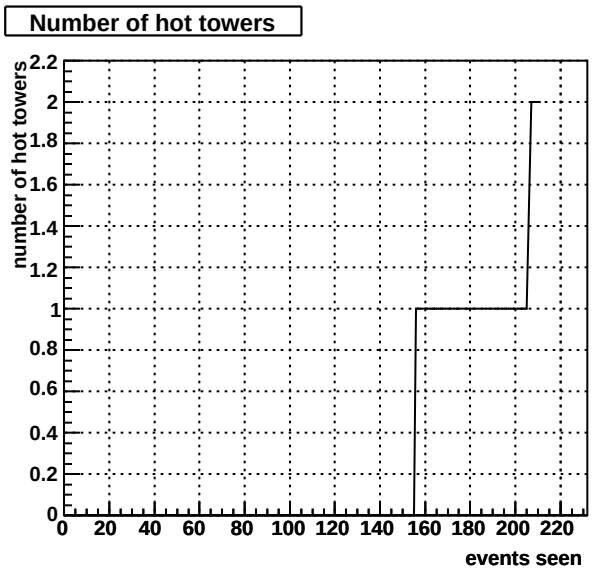

Number of L2 towers
hNumberOfTowersL2
Entries 129
Mean 28.38
RMS 14
Underflow 0
Overflow 0

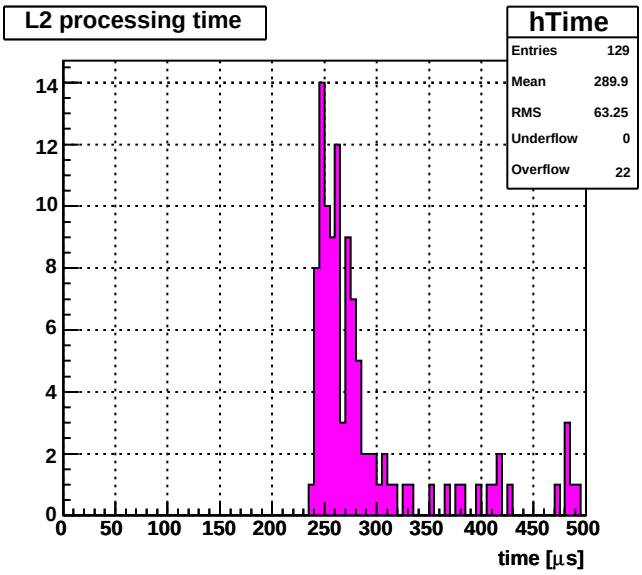

Energy of L0 cluster
hEnergyOfClusterL0
Entries 129
Mean 7.408
RMS 2.167
Underflow 0
Overflow 0
χ² / ndf 17.73 / 24
Constant 3.316 ± 0.604
Slope -0.2666 ± 0.0726
E [GeV]

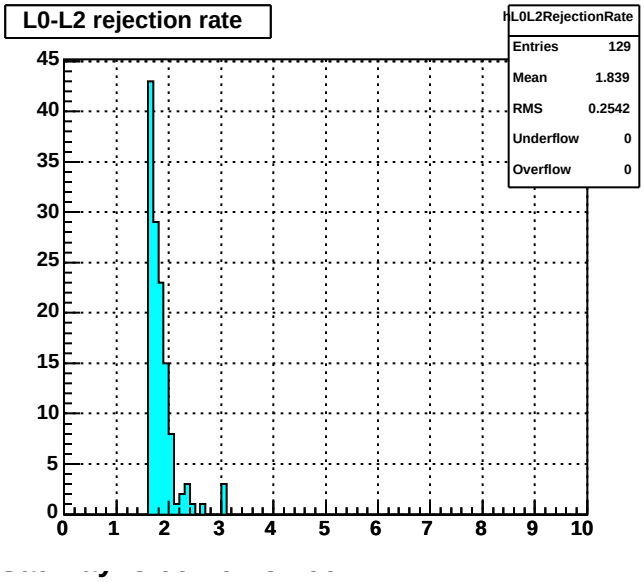

Energy of L2 cluster
hEnergyOfClusterL2
Entries 129
Mean 3.566
RMS 0.6112
Underflow 0
Overflow 0
χ² / ndf 21.56 / 12
Constant 11.27 ± 1.15
Slope -2.433 ± 0.335
E [GeV]

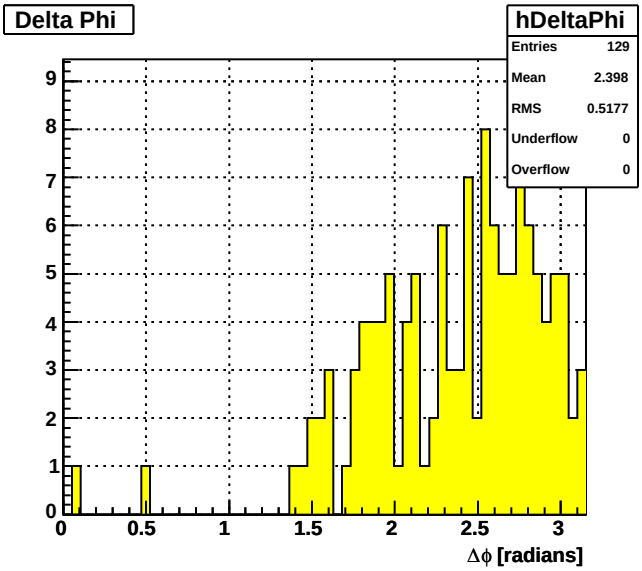

Invariant mass
hInvMass
Entries 129
Mean 8.972
RMS 1.775
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

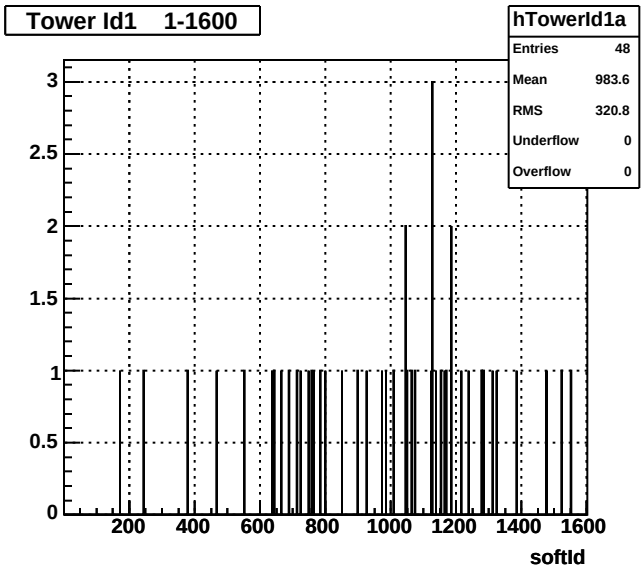

Opening angle
hCosTheta
Entries 129
Mean -0.5745
RMS 0.286
Underflow 0
Overflow 0
cos θ

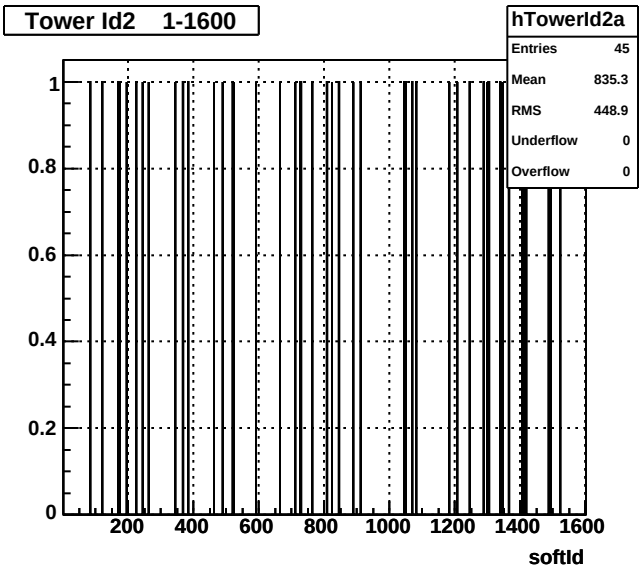

Number of hot towers
number of hot towers
events seen

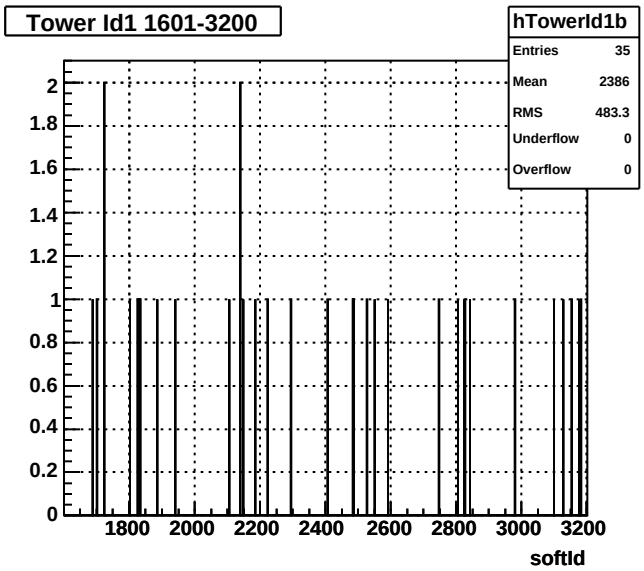

L2 processing time
hTime
Entries 129
Mean 289.9
RMS 63.25
Underflow 0
Overflow 22
time [μs]

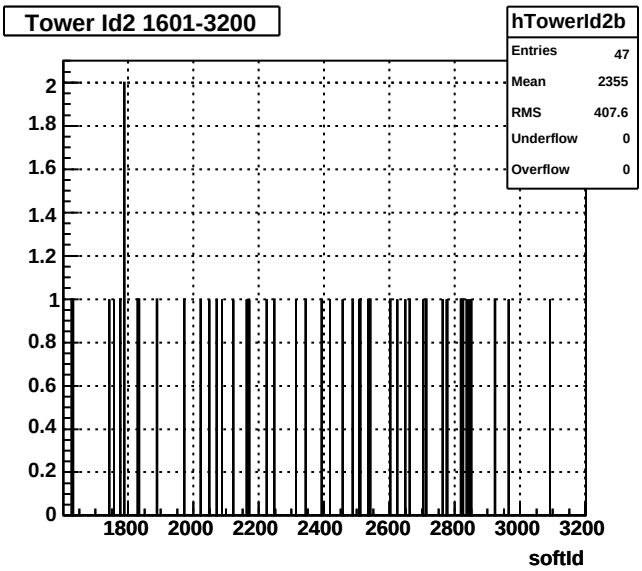

L0-L2 rejection rate
hL0L2RejectionRate
Entries 129
Mean 1.839
RMS 0.2542
Underflow 0
Overflow 0

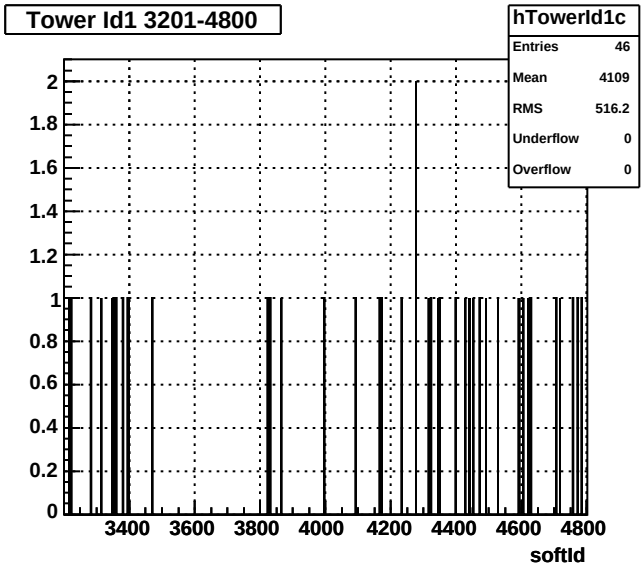

Delta Phi
hDeltaPhi
Entries 129
Mean 2.398
RMS 0.5177
Underflow 0
Overflow 0
Δφ [radians]

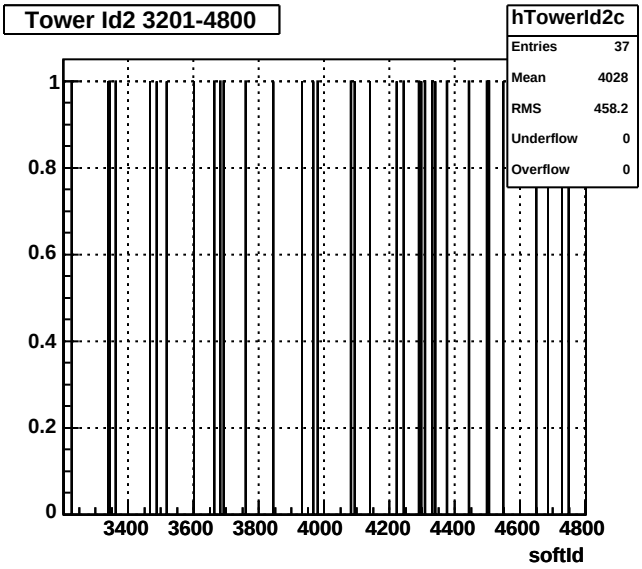

Tower Id1 1-1600
hTowerId1a
Entries 48
Mean 983.6
RMS 320.8
Underflow 0
Overflow 0
softId

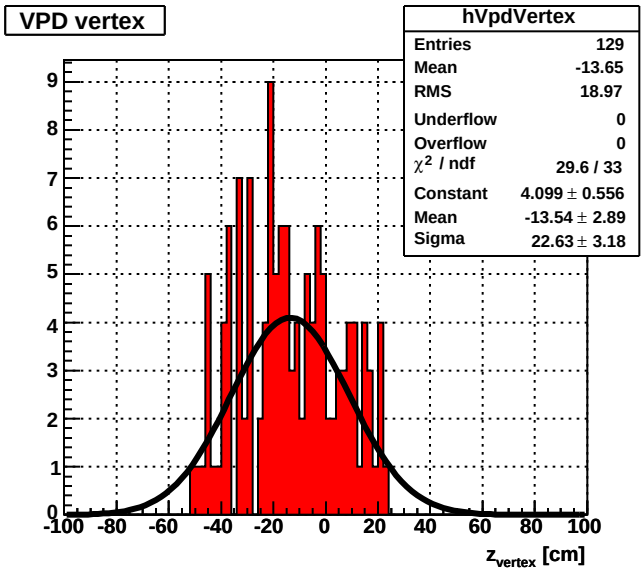

Tower Id2 1-1600
hTowerId2a
Entries 45
Mean 835.3
RMS 448.9
Underflow 0
Overflow 0
softId

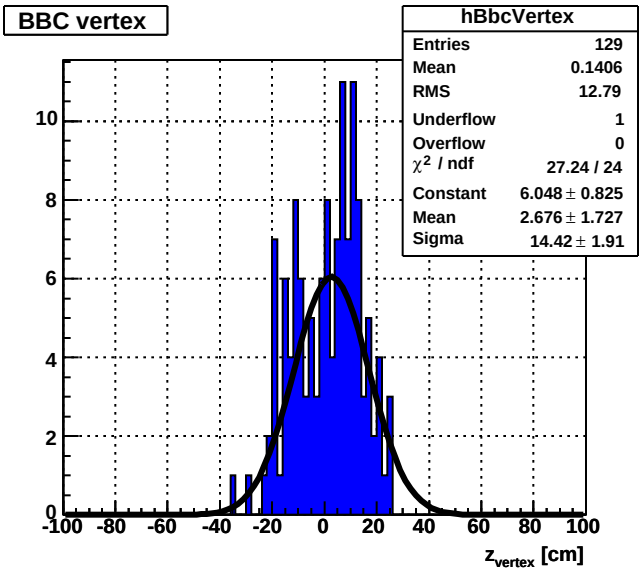

Tower Id1 1601-3200
hTowerId1b
Entries 35
Mean 2386
RMS 483.3
Underflow 0
Overflow 0
softId

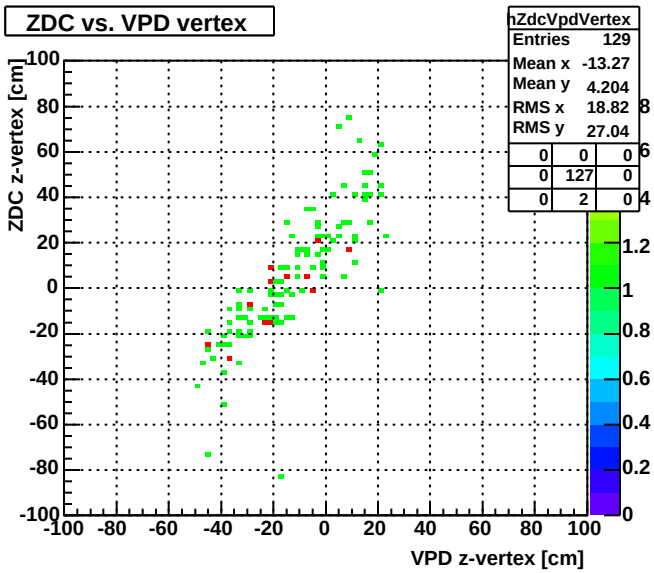

Tower Id2 1601-3200
hTowerId2b
Entries 47
Mean 2355
RMS 407.6
Underflow 0
Overflow 0
softId

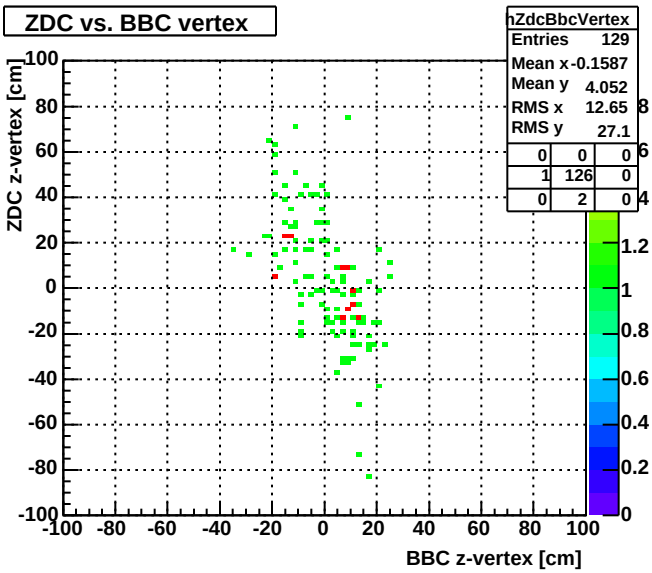

Tower Id1 3201-4800
hTowerId1c
Entries 46
Mean 4109
RMS 516.2
Underflow 0
Overflow 0
softId

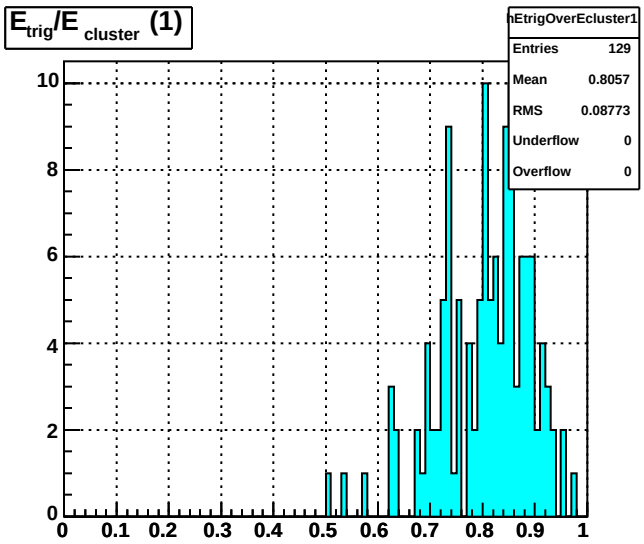

Tower Id2 3201-4800
hTowerId2c
Entries 37
Mean 4028
RMS 458.2
Underflow 0
Overflow 0
softId

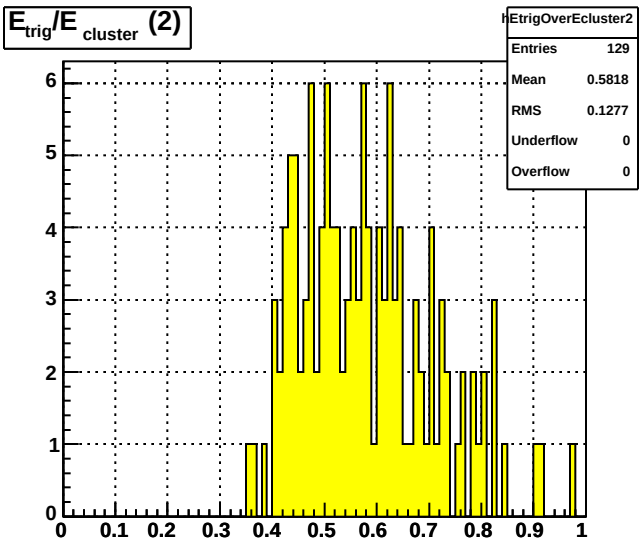

VPD vertex
hVpdVertex
Entries 129
Mean -13.65
RMS 18.97
Underflow 0
Overflow 0
χ² / ndf 29.6 / 33
Constant 4.099 ± 0.556
Mean -13.54 ± 2.89
Sigma 22.63 ± 3.18
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 129
Mean 0.1406
RMS 12.79
Underflow 1
Overflow 0
χ² / ndf 27.24 / 24
Constant 6.048 ± 0.825
Mean 2.676 ± 1.727
Sigma 14.42 ± 1.91
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 129
Mean x -13.27
Mean y 4.204
RMS x 18.82
RMS y 27.04
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 129
Mean x -0.1587
Mean y 4.052
RMS x 12.65
RMS y 27.1
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 129
Mean 0.8057
RMS 0.08773
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 129
Mean 0.5818
RMS 0.1277
Underflow 0
Overflow 0