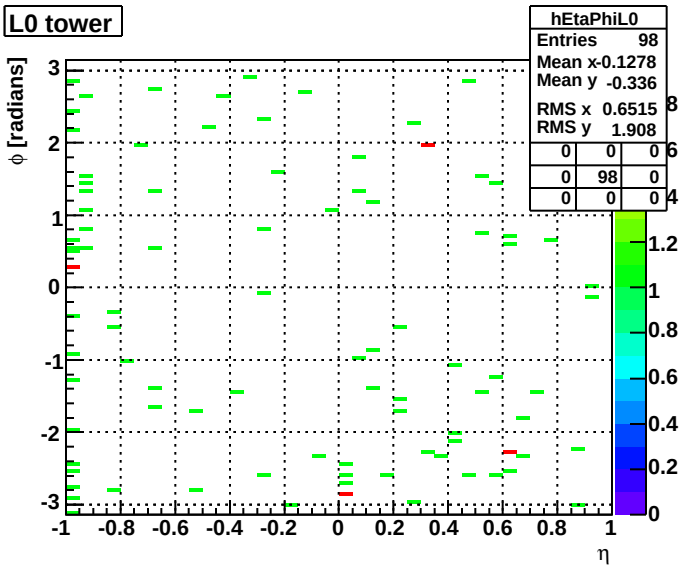
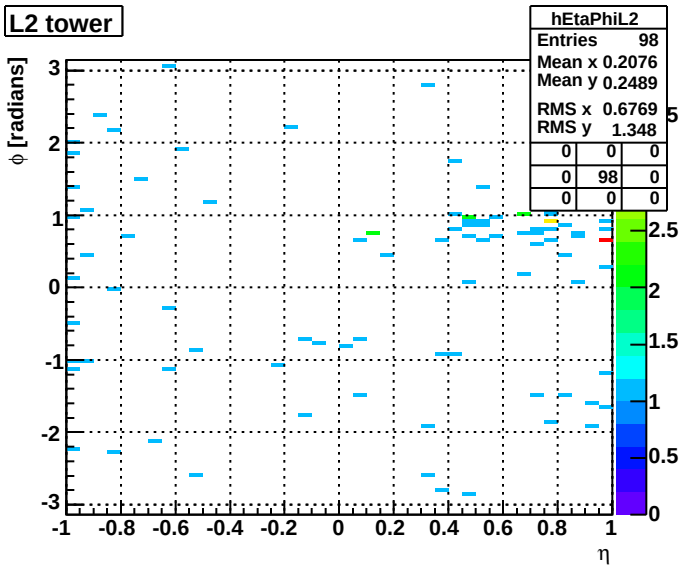
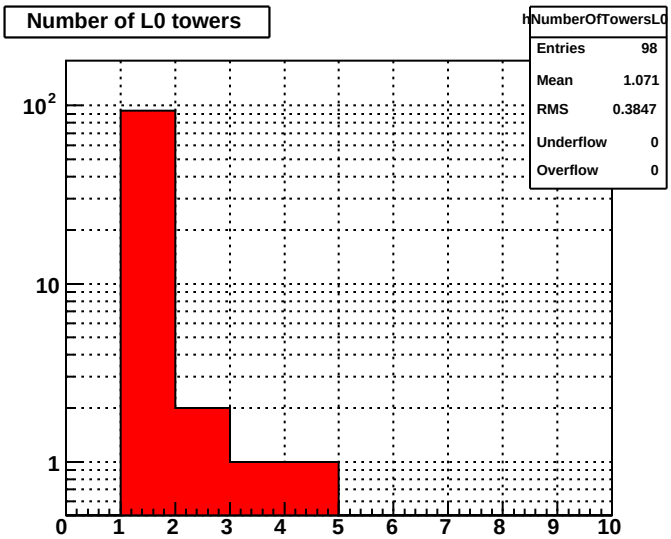
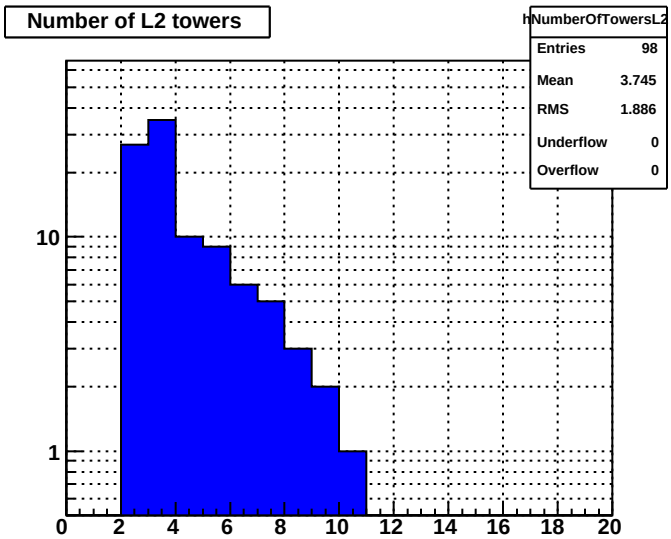
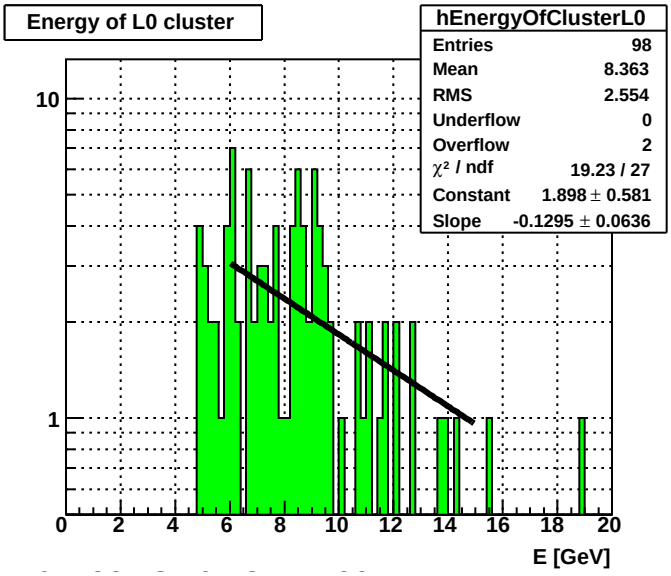
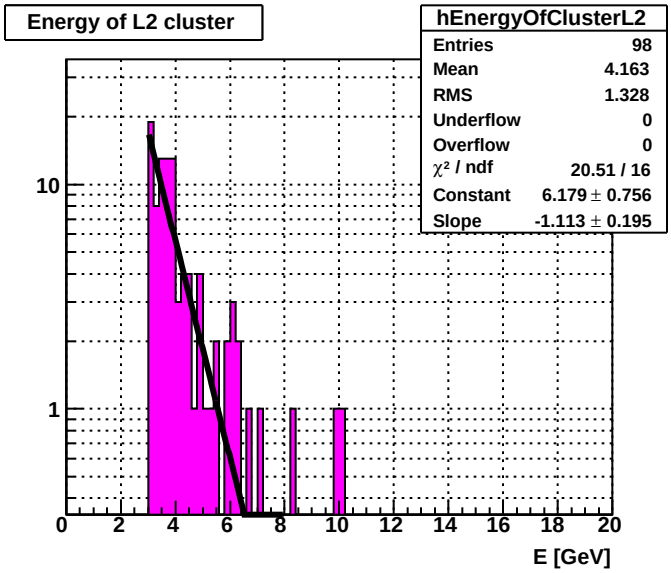

L0 tower
hEtaPhiL0
Entries 98
Mean x -0.1278
Mean y -0.336
RMS x 0.6515
RMS y 1.908
φ [radians]
η

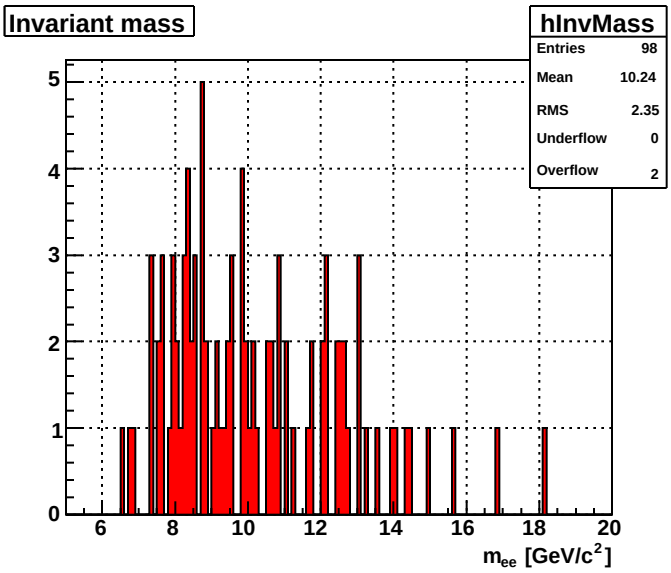

L2 tower
hEtaPhiL2
Entries 98
Mean x 0.2076
Mean y 0.2489
RMS x 0.6769
RMS y 1.348
φ [radians]
η

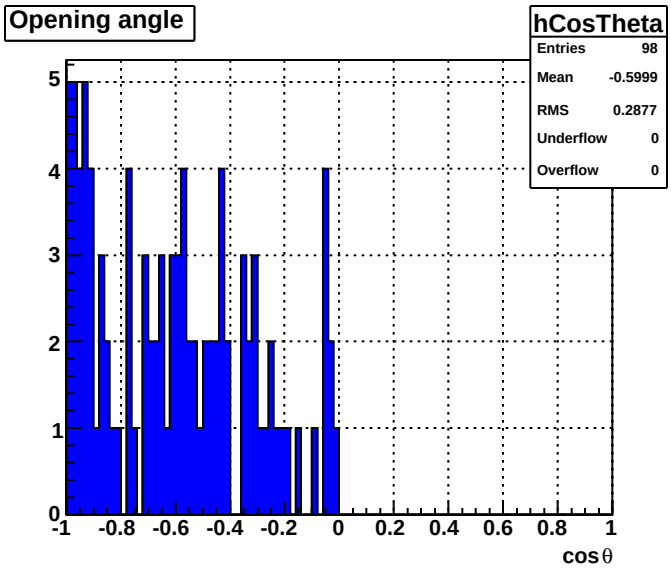

Number of L0 towers
hNumberOfTowersL0
Entries 98
Mean 1.071
RMS 0.3847
Underflow 0
Overflow 0

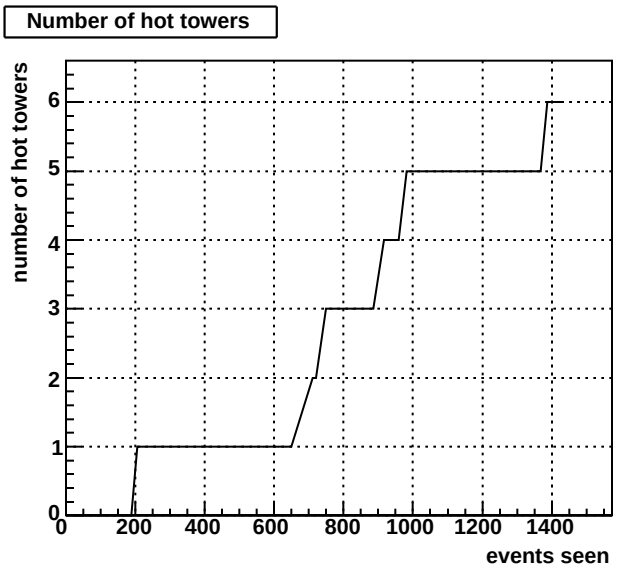

Number of L2 towers
hNumberOfTowersL2
Entries 98
Mean 3.745
RMS 1.886
Underflow 0
Overflow 0

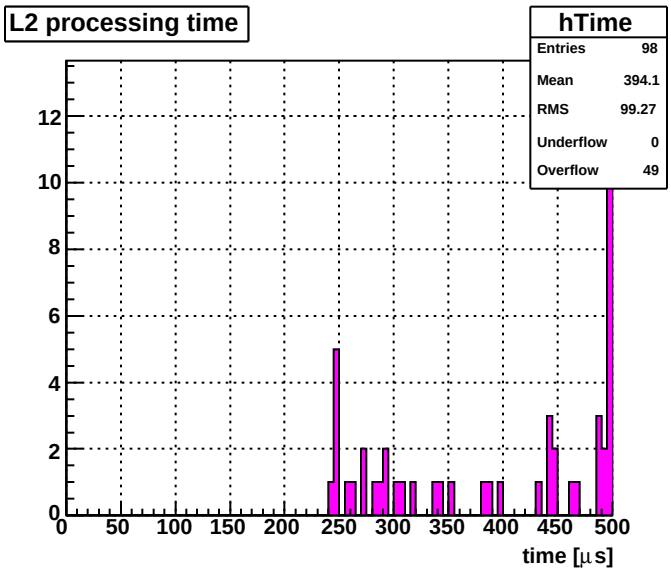

Energy of L0 cluster
hEnergyOfClusterL0
Entries 98
Mean 8.363
RMS 2.554
Underflow 0
Overflow 2
χ² / ndf 19.23 / 27
Constant 1.898 ± 0.581
Slope -0.1295 ± 0.0636
E [GeV]

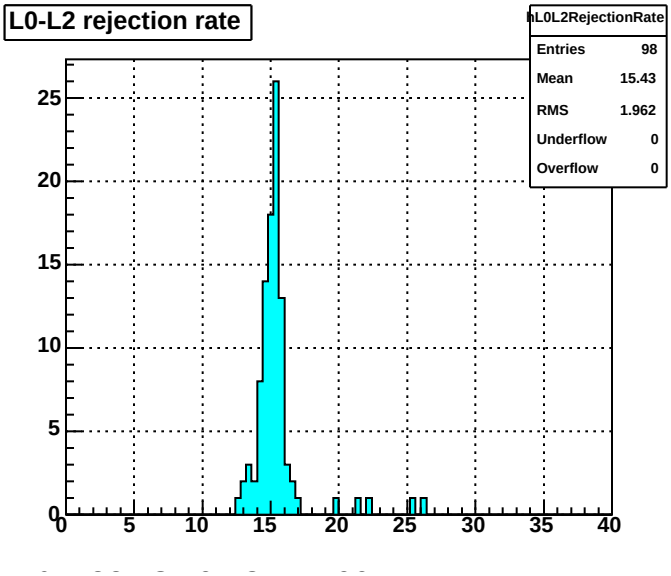

Energy of L2 cluster
hEnergyOfClusterL2
Entries 98
Mean 4.163
RMS 1.328
Underflow 0
Overflow 0
χ² / ndf 20.51 / 16
Constant 6.179 ± 0.756
Slope -1.113 ± 0.195
E [GeV]

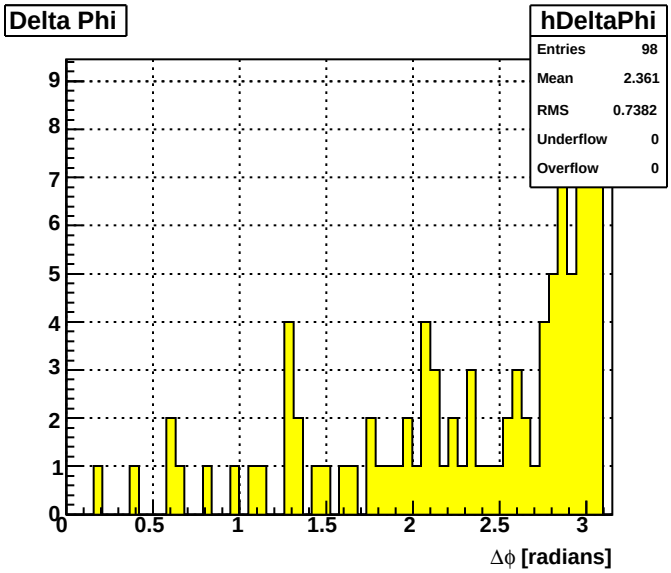

Invariant mass
hInvMass
Entries 98
Mean 10.24
RMS 2.35
Underflow 0
Overflow 2
m_{ee} [GeV/c^2]

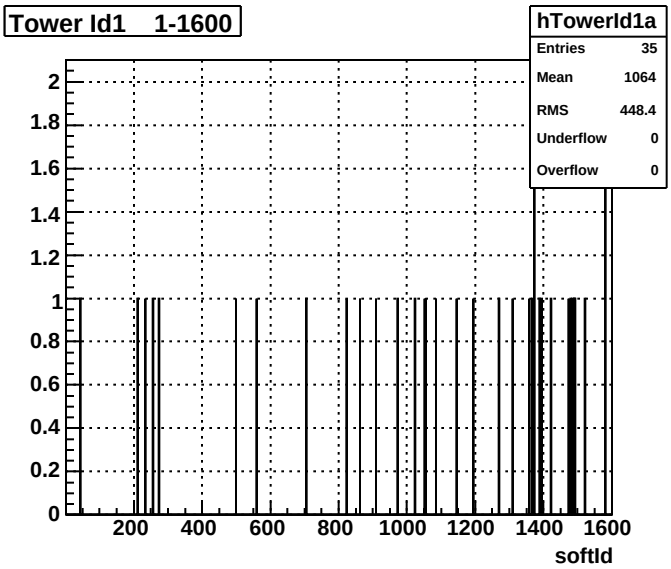

Opening angle
hCosTheta
Entries 98
Mean -0.5999
RMS 0.2877
Underflow 0
Overflow 0
cos θ

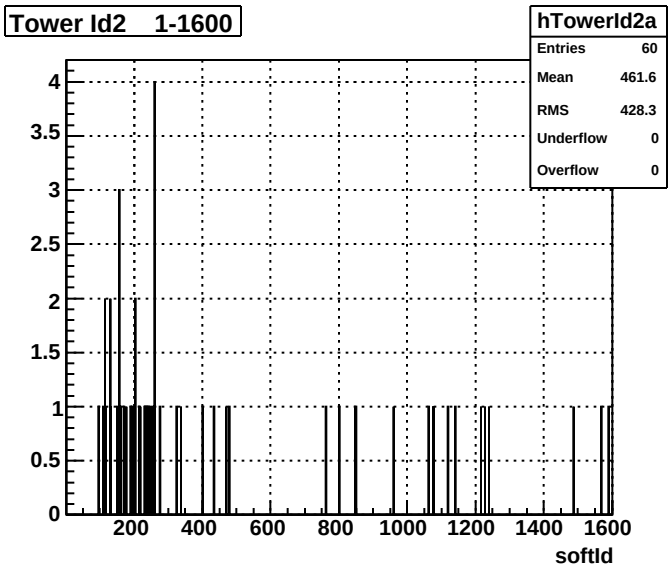

Number of hot towers
number of hot towers
events seen

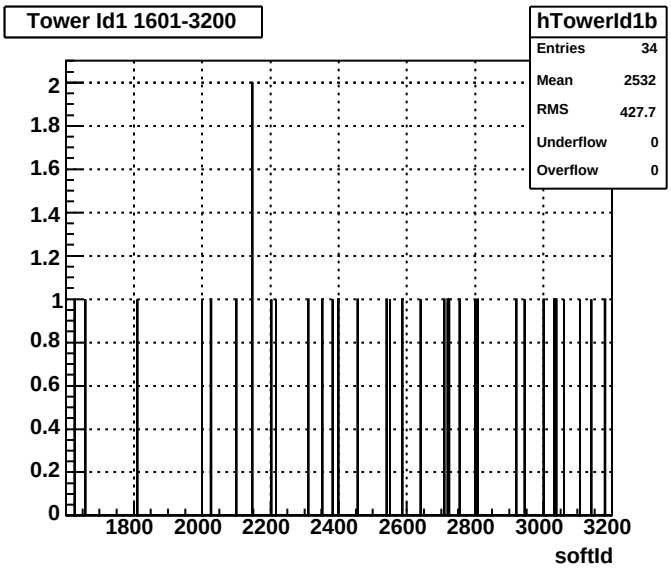

L2 processing time
hTime
Entries 98
Mean 394.1
RMS 99.27
Underflow 0
Overflow 49
time [μs]

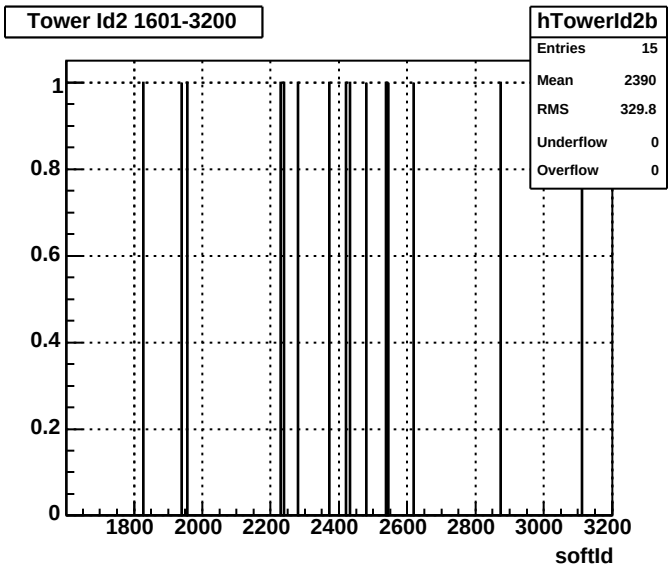

L0-L2 rejection rate
hL0L2RejectionRate
Entries 98
Mean 15.43
RMS 1.962
Underflow 0
Overflow 0

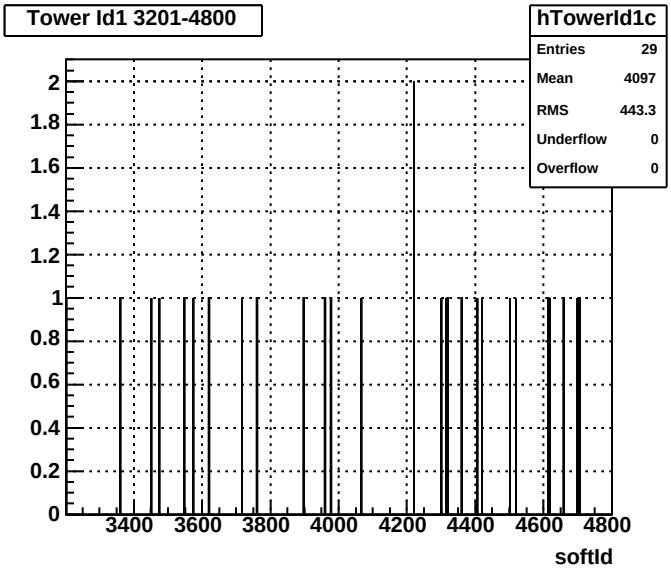

Delta Phi
hDeltaPhi
Entries 98
Mean 2.361
RMS 0.7382
Underflow 0
Overflow 0
Δφ [radians]

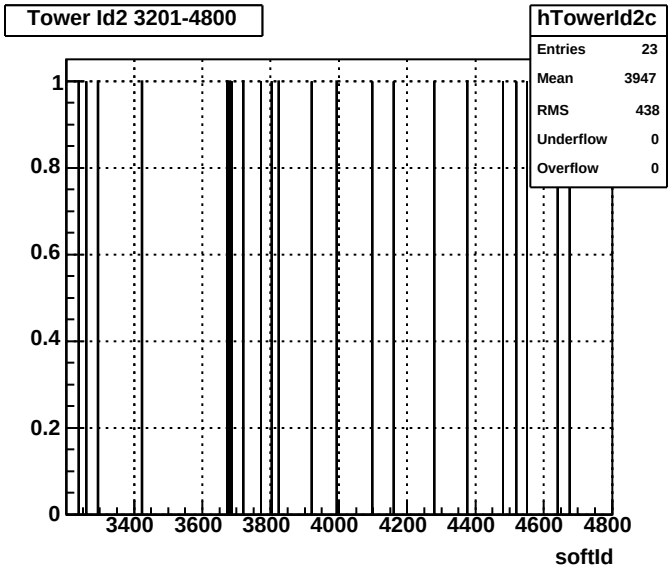

Tower Id1 1-1600
hTowerId1a
Entries 35
Mean 1064
RMS 448.4
Underflow 0
Overflow 0
softId

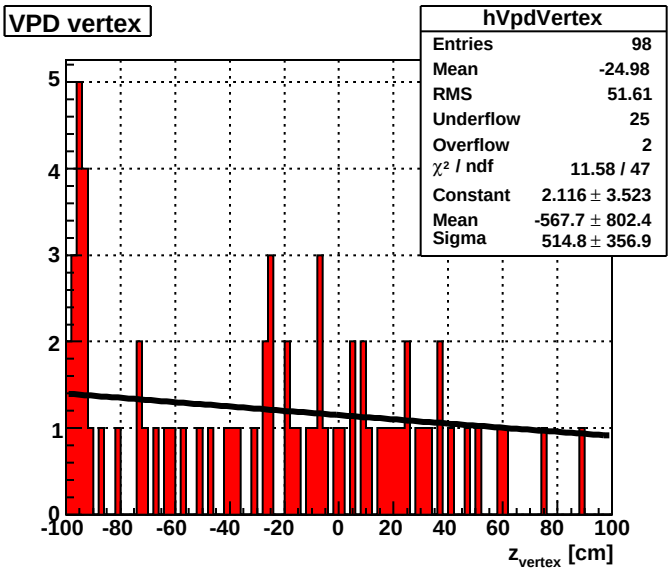

Tower Id2 1-1600
hTowerId2a
Entries 60
Mean 461.6
RMS 428.3
Underflow 0
Overflow 0
softId

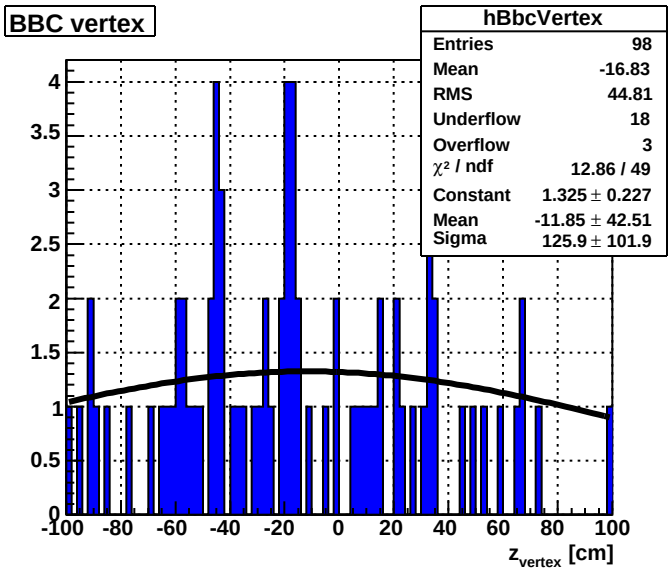

Tower Id1 1601-3200
hTowerId1b
Entries 34
Mean 2532
RMS 427.7
Underflow 0
Overflow 0
softId

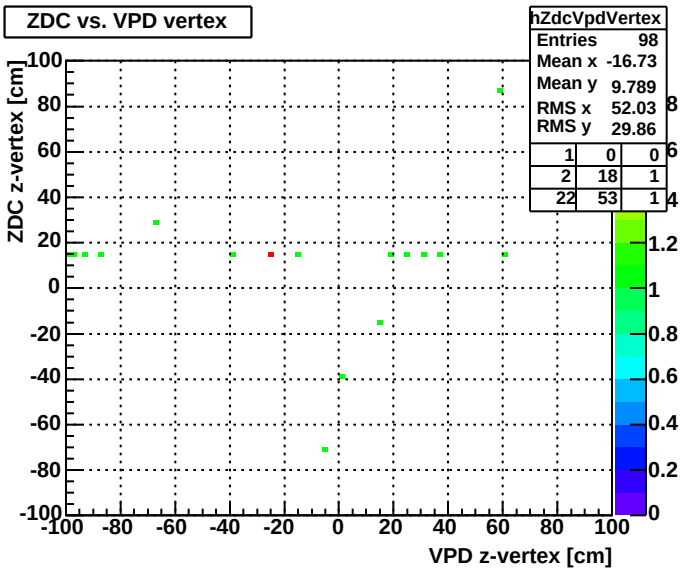

Tower Id2 1601-3200
hTowerId2b
Entries 15
Mean 2390
RMS 329.8
Underflow 0
Overflow 0
softId

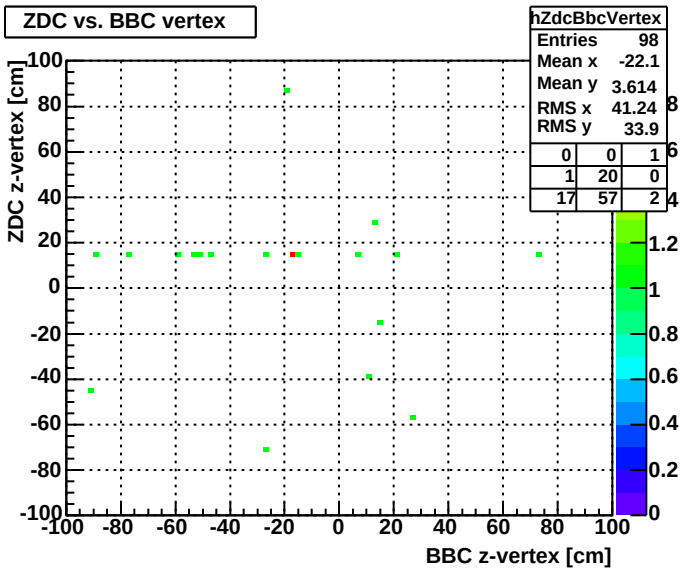

Tower Id1 3201-4800
hTowerId1c
Entries 29
Mean 4097
RMS 443.3
Underflow 0
Overflow 0
softId

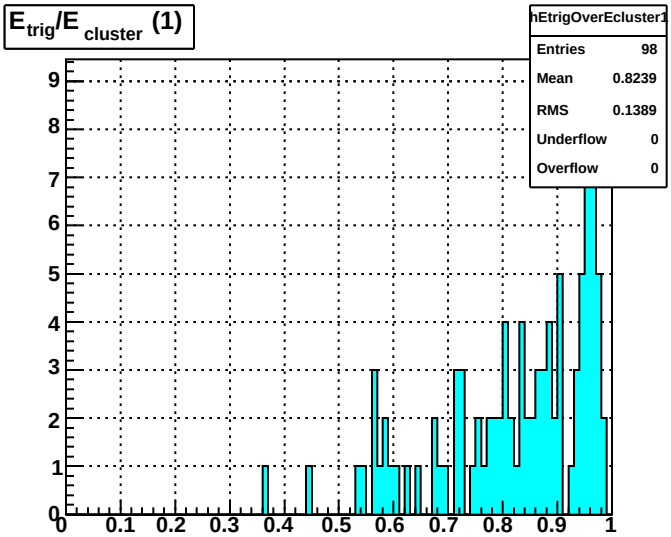

Tower Id2 3201-4800
hTowerId2c
Entries 23
Mean 3947
RMS 438
Underflow 0
Overflow 0
softId

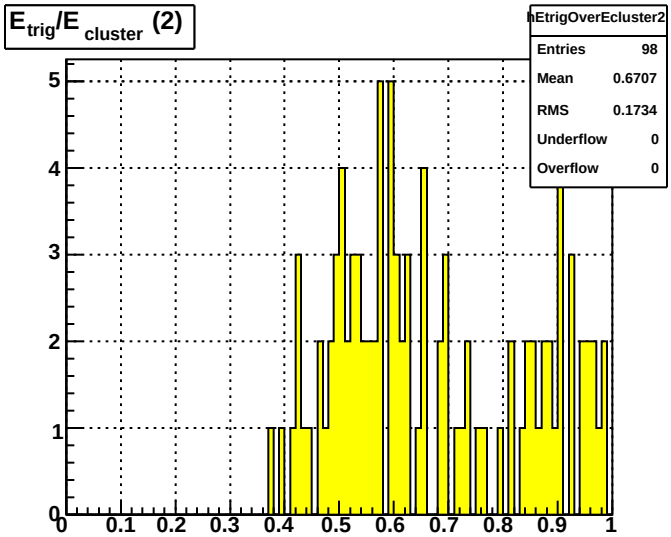

VPD vertex
hVpdVertex
Entries 98
Mean -24.98
RMS 51.61
Underflow 25
Overflow 2
χ² / ndf 11.58 / 47
Constant 2.116 ± 3.523
Mean -567.7 ± 802.4
Sigma 514.8 ± 356.9
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 98
Mean -16.83
RMS 44.81
Underflow 18
Overflow 3
χ² / ndf 12.86 / 49
Constant 1.325 ± 0.227
Mean -11.85 ± 42.51
Sigma 125.9 ± 101.9
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 98
Mean x -16.73
Mean y 9.789
RMS x 52.03
RMS y 29.86
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 98
Mean x -22.1
Mean y 3.614
RMS x 41.24
RMS y 33.9
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 98
Mean 0.8239
RMS 0.1389
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 98
Mean 0.6707
RMS 0.1734
Underflow 0
Overflow 0