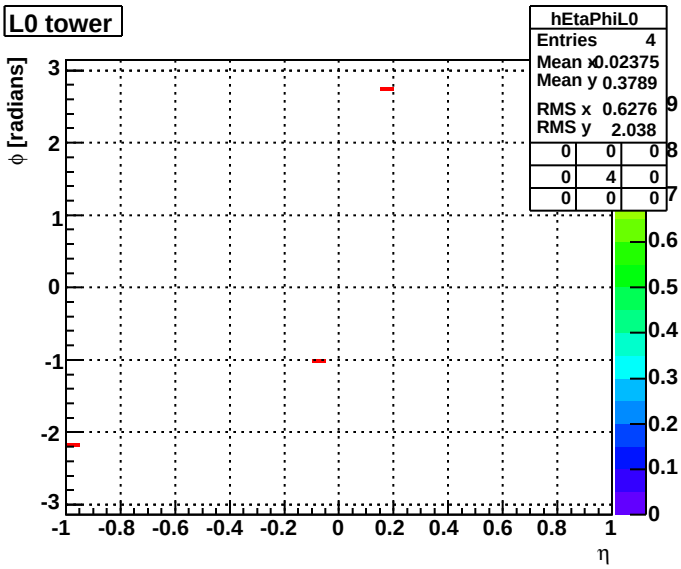
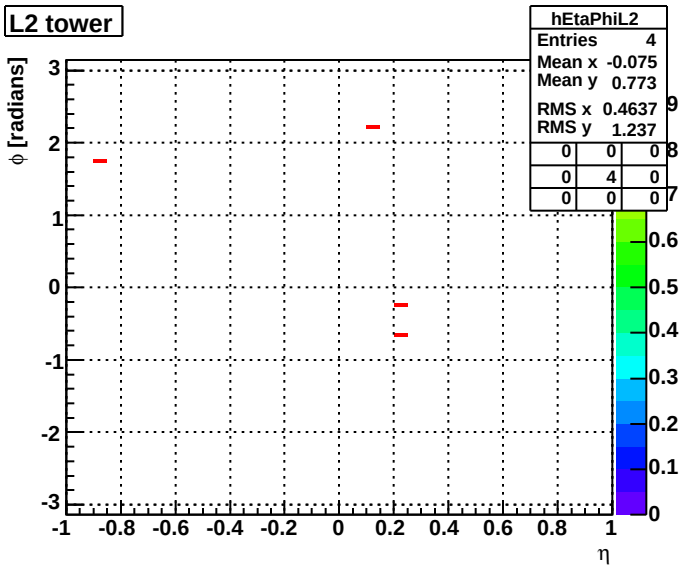
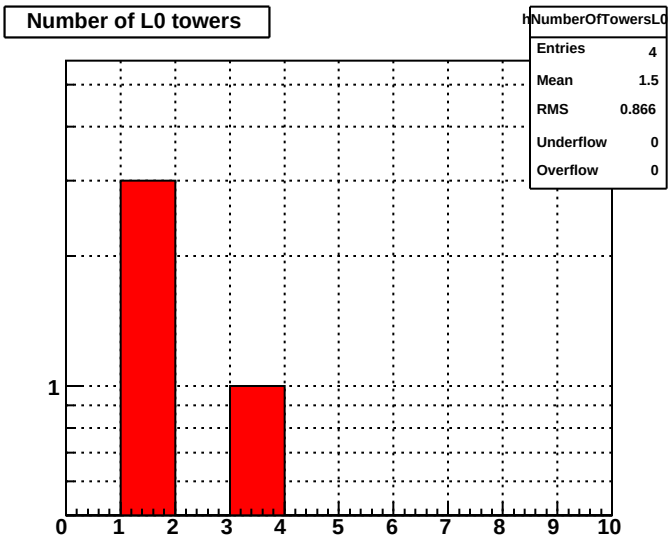
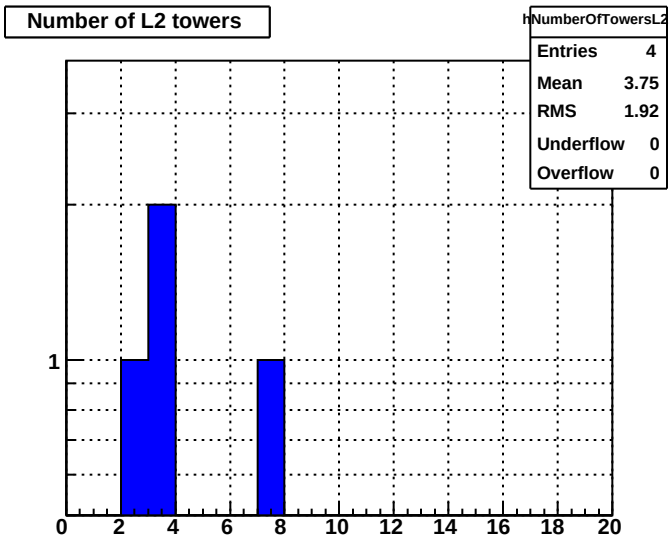
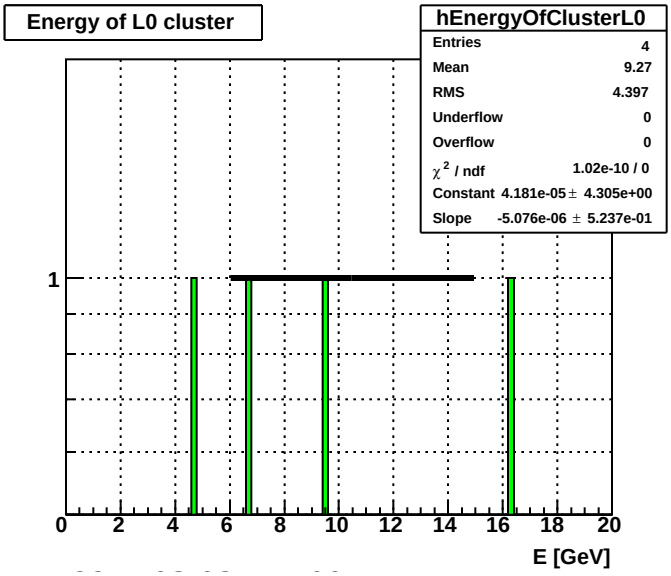
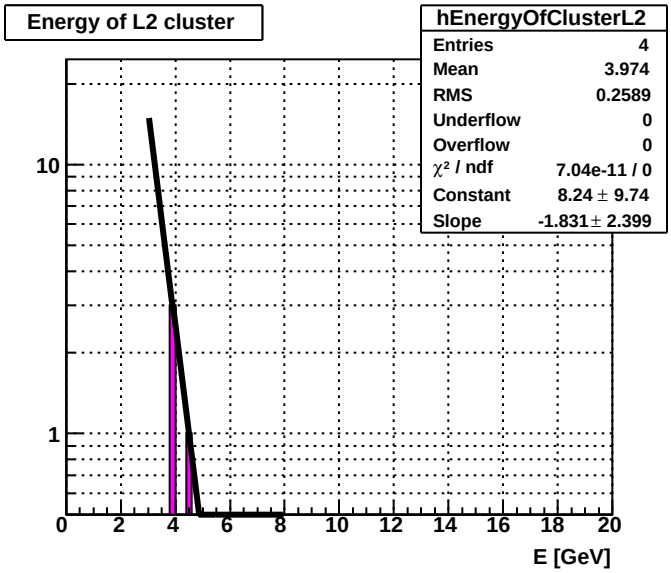

L0 tower
hEtaPhiL0
Entries 4
Mean x 0.02375
Mean y 0.3789
RMS x 0.6276
RMS y 2.038
φ [radians]
η

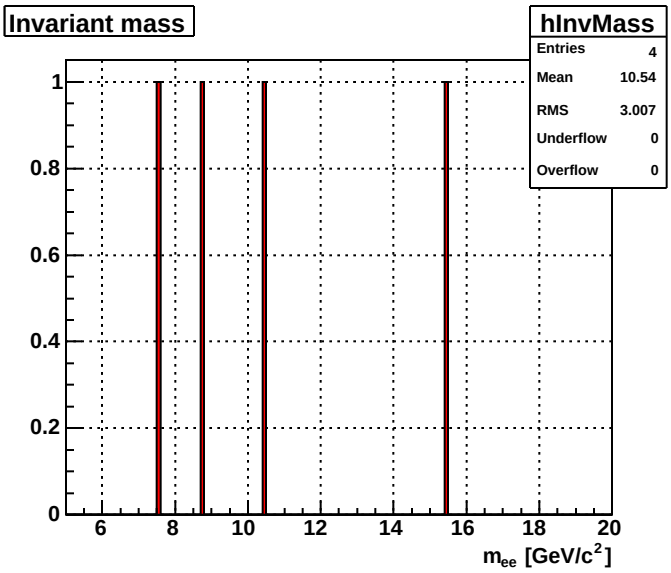

L2 tower
hEtaPhiL2
Entries 4
Mean x -0.075
Mean y 0.773
RMS x 0.4637
RMS y 1.237
φ [radians]
η

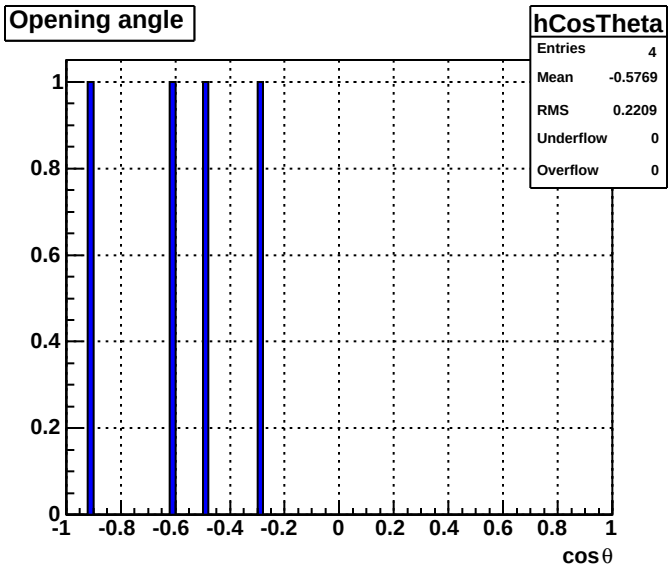

Number of L0 towers
hNumberOfTowersL0
Entries 4
Mean 1.5
RMS 0.866
Underflow 0
Overflow 0

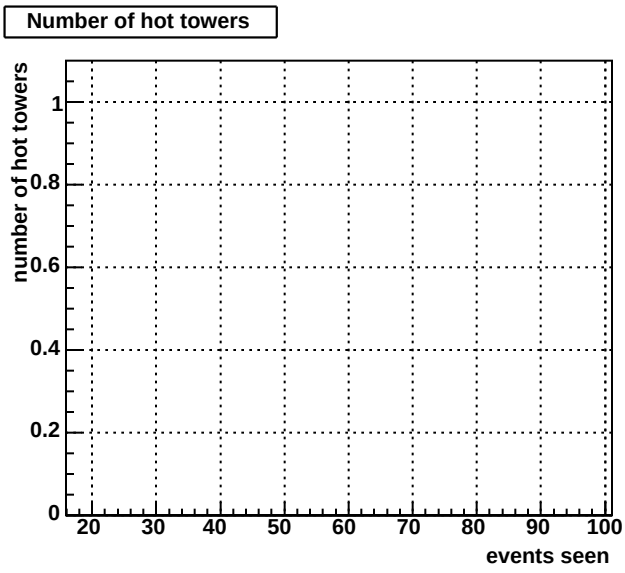

Number of L2 towers
hNumberOfTowersL2
Entries 4
Mean 3.75
RMS 1.92
Underflow 0
Overflow 0

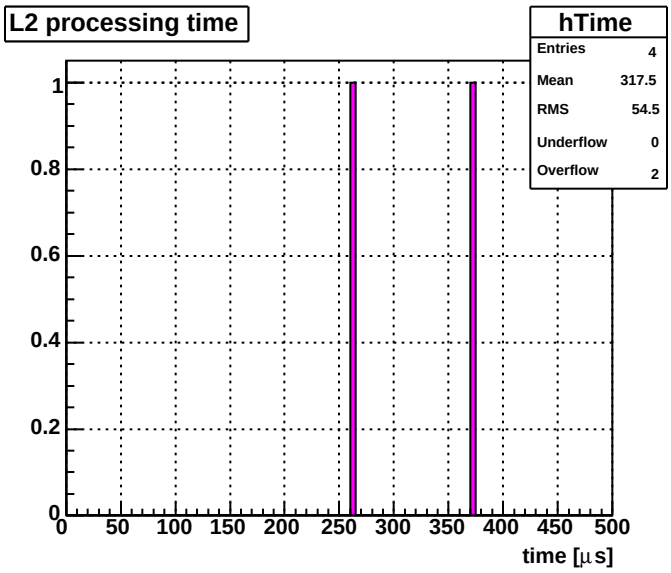

Energy of L0 cluster
hEnergyOfClusterL0
Entries 4
Mean 9.27
RMS 4.397
Underflow 0
Overflow 0
χ² / ndf 1.02e-10 / 0
Constant 4.181e-05 ± 4.305e+00
Slope -5.076e-06 ± 5.237e-01
E [GeV]

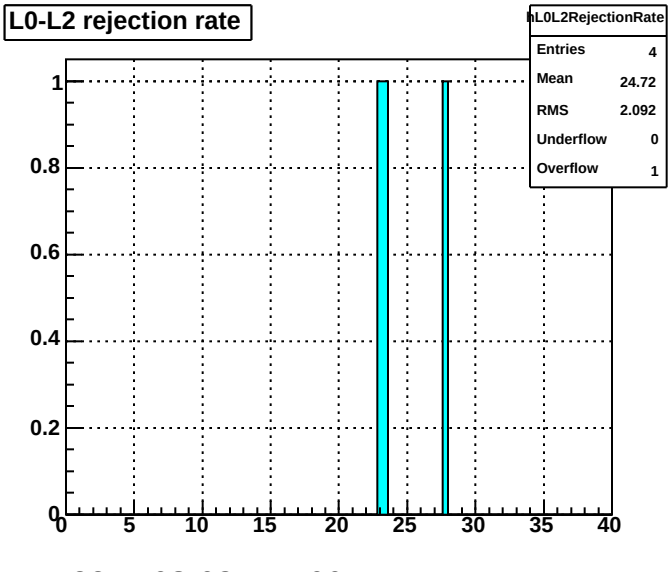

Energy of L2 cluster
hEnergyOfClusterL2
Entries 4
Mean 3.974
RMS 0.2589
Underflow 0
Overflow 0
χ² / ndf 7.04e-11 / 0
Constant 8.24 ± 9.74
Slope -1.831 ± 2.399
E [GeV]

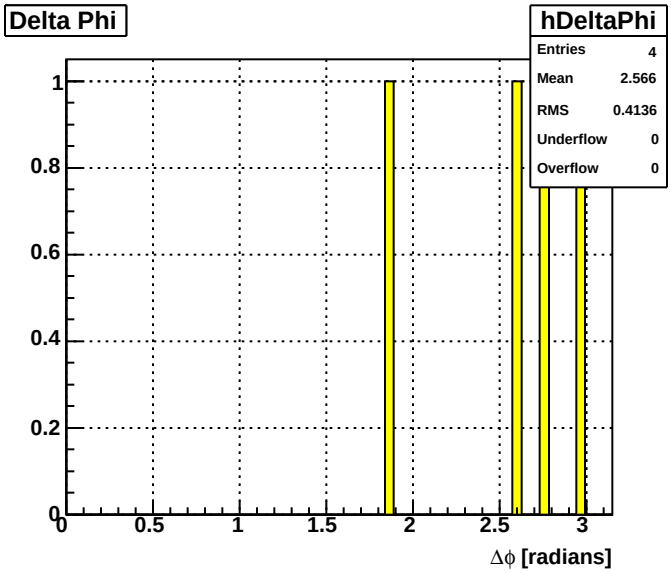

Invariant mass
hInvMass
Entries 4
Mean 10.54
RMS 3.007
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

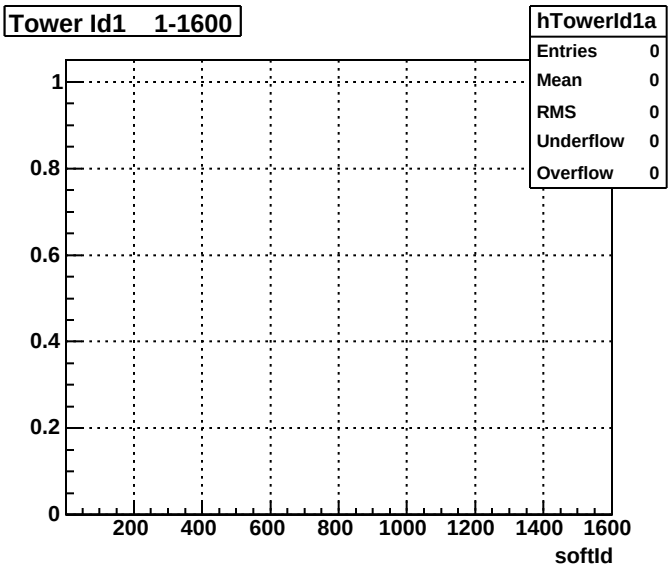

Opening angle
hCosTheta
Entries 4
Mean -0.5769
RMS 0.2209
Underflow 0
Overflow 0
cos θ

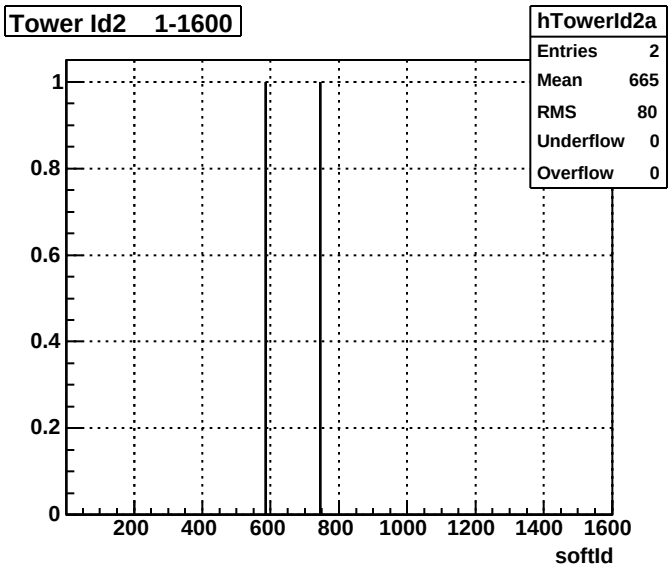

Number of hot towers
number of hot towers
events seen

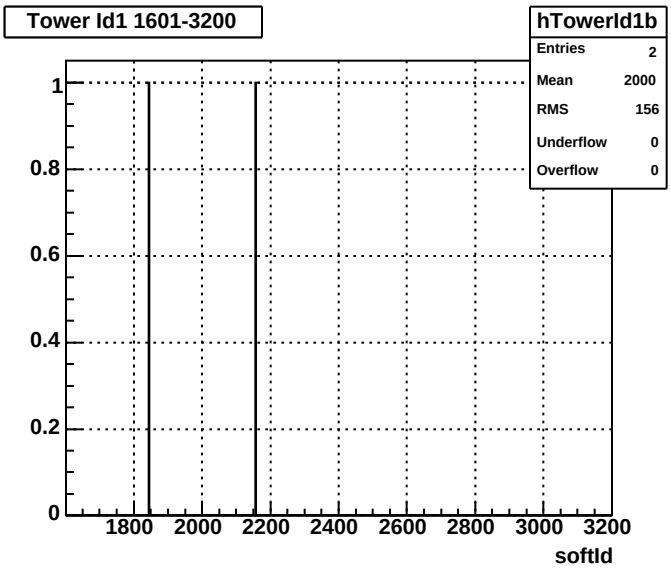

L2 processing time
hTime
Entries 4
Mean 317.5
RMS 54.5
Underflow 0
Overflow 2
time [μs]

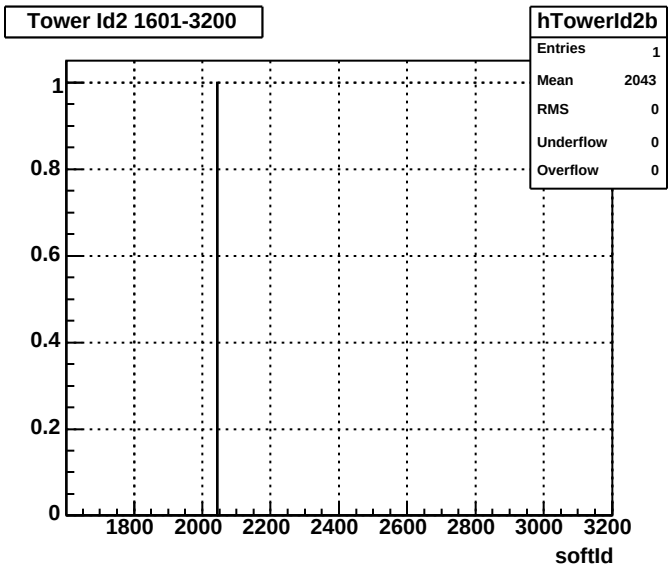

L0-L2 rejection rate
hL0L2RejectionRate
Entries 4
Mean 24.72
RMS 2.092
Underflow 0
Overflow 1

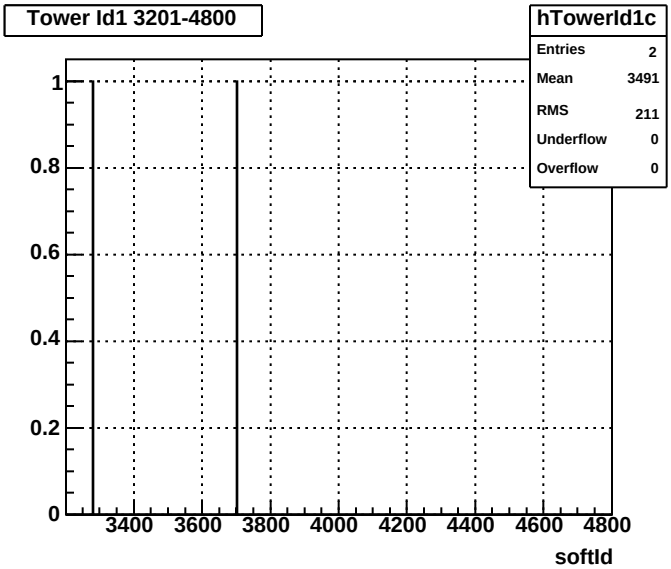

Delta Phi
hDeltaPhi
Entries 4
Mean 2.566
RMS 0.4136
Underflow 0
Overflow 0
Δφ [radians]

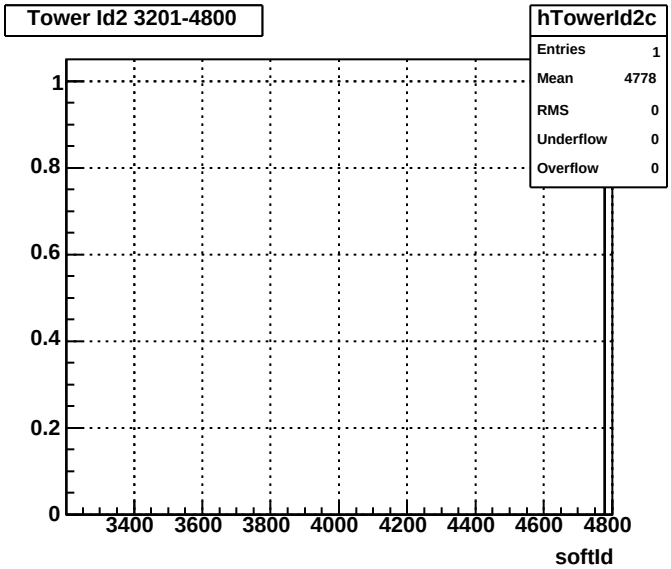

Tower Id1 1-1600
hTowerId1a
Entries 0
Mean 0
RMS 0
Underflow 0
Overflow 0
softId

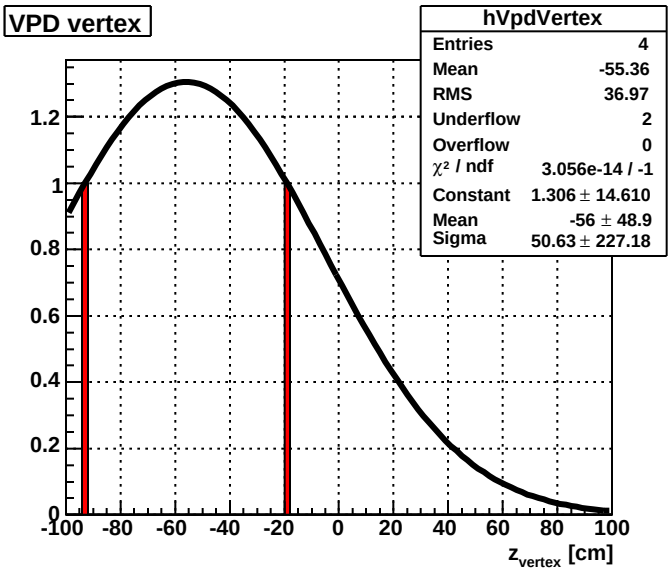

Tower Id2 1-1600
hTowerId2a
Entries 2
Mean 665
RMS 80
Underflow 0
Overflow 0
softId

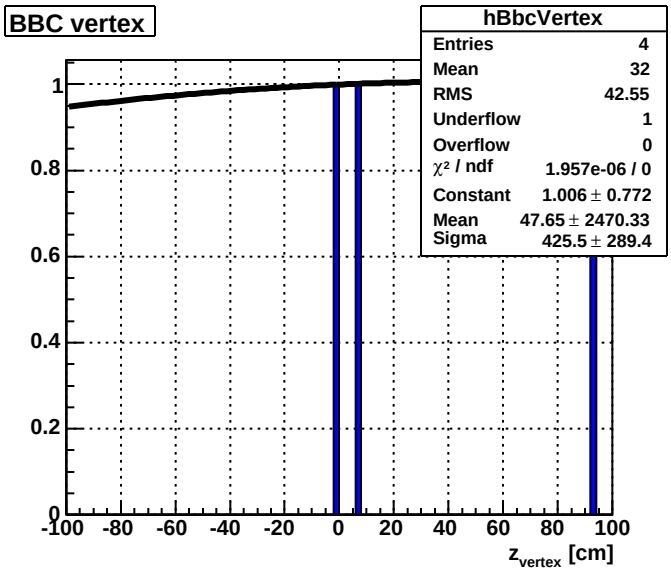

Tower Id1 1601-3200
hTowerId1b
Entries 2
Mean 2000
RMS 156
Underflow 0
Overflow 0
softId

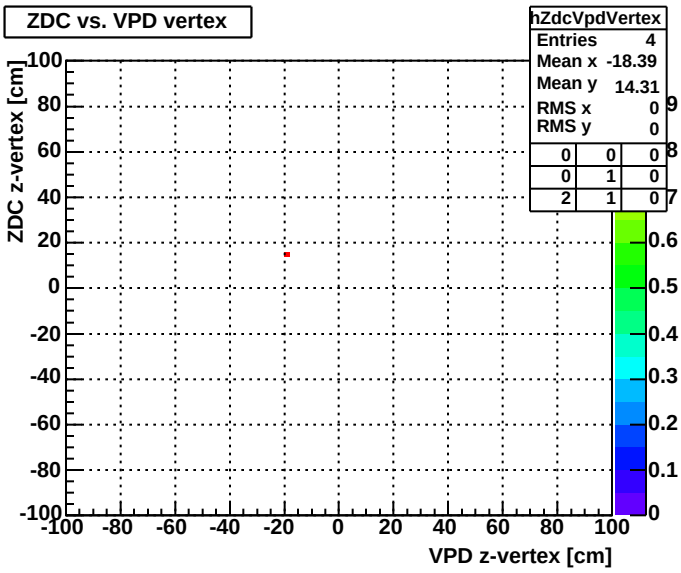

Tower Id2 1601-3200
hTowerId2b
Entries 1
Mean 2043
RMS 0
Underflow 0
Overflow 0
softId

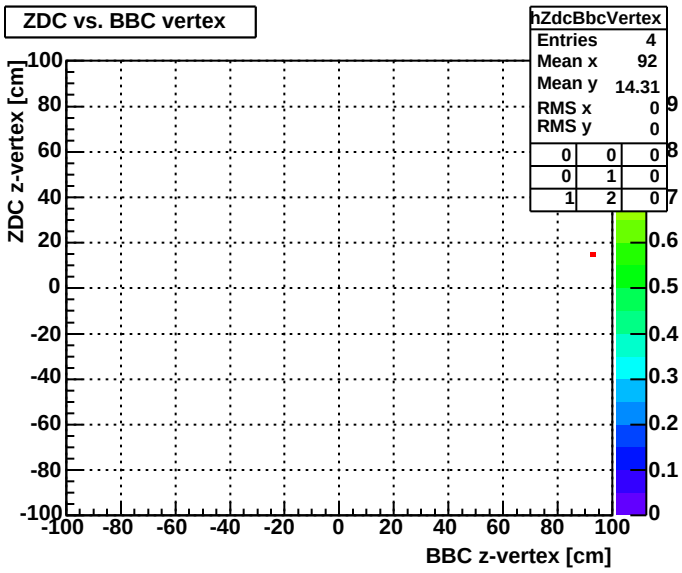

Tower Id1 3201-4800
hTowerId1c
Entries 2
Mean 3491
RMS 211
Underflow 0
Overflow 0
softId

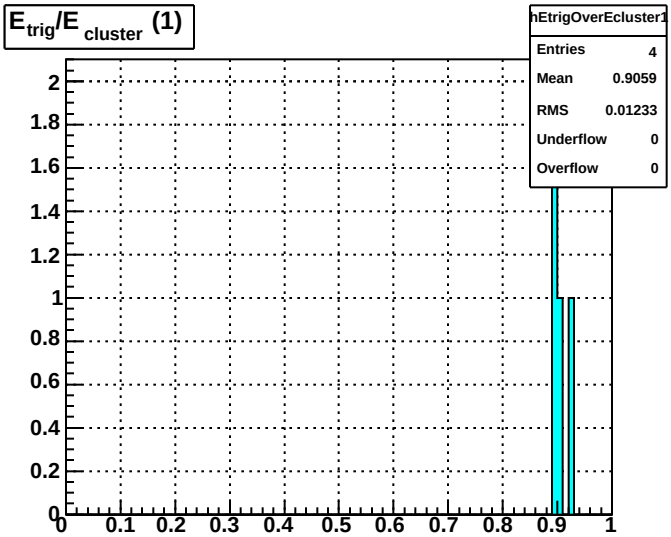

Tower Id2 3201-4800
hTowerId2c
Entries 1
Mean 4778
RMS 0
Underflow 0
Overflow 0
softId

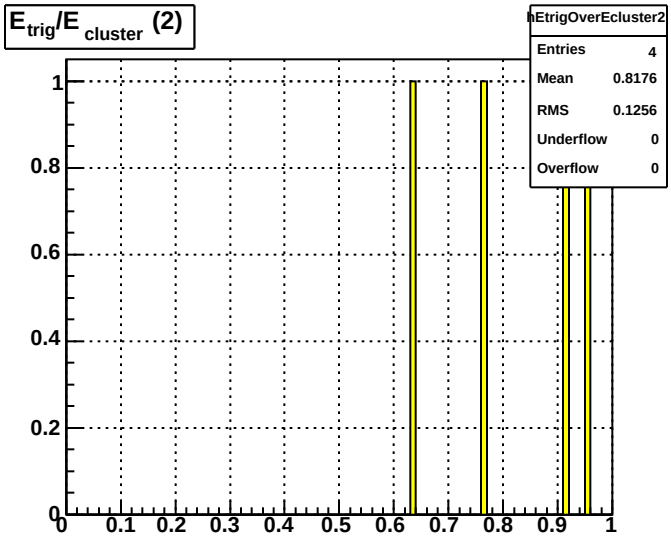

VPD vertex
hVpdVertex
Entries 4
Mean -55.36
RMS 36.97
Underflow 2
Overflow 0
χ² / ndf 3.056e-14 / -1
Constant 1.306 ± 14.610
Mean -56 ± 48.9
Sigma 50.63 ± 227.18
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 4
Mean 32
RMS 42.55
Underflow 1
Overflow 0
χ² / ndf 1.957e-06 / 0
Constant 1.006 ± 0.772
Mean 47.65 ± 2470.33
Sigma 425.5 ± 289.4
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 4
Mean x -18.39
Mean y 14.31
RMS x 0
RMS y 0
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 4
Mean x 92
Mean y 14.31
RMS x 0
RMS y 0
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 4
Mean 0.9059
RMS 0.01233
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 4
Mean 0.8176
RMS 0.1256
Underflow 0
Overflow 0