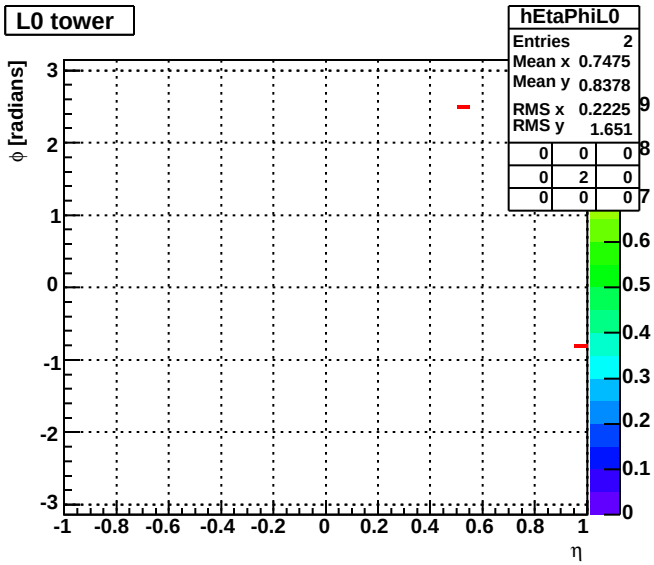
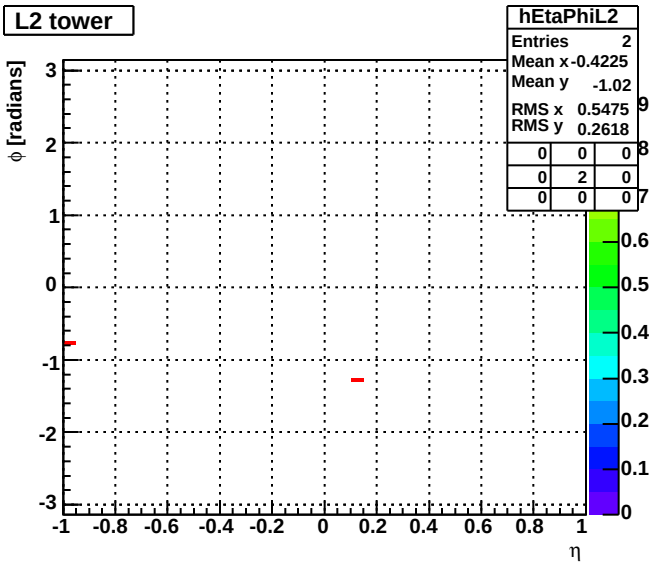
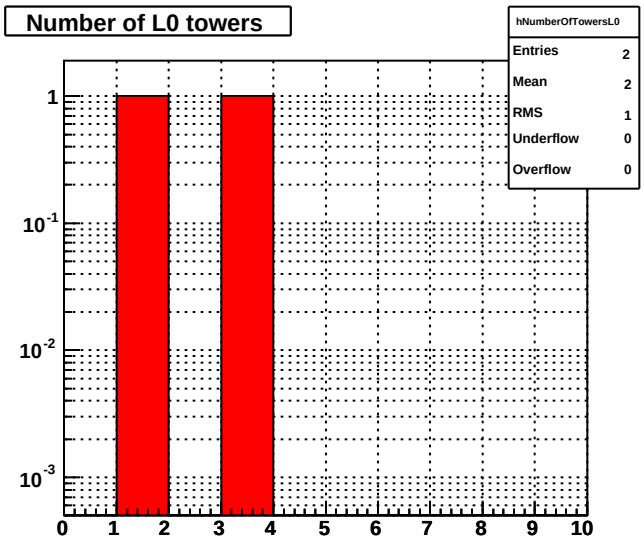
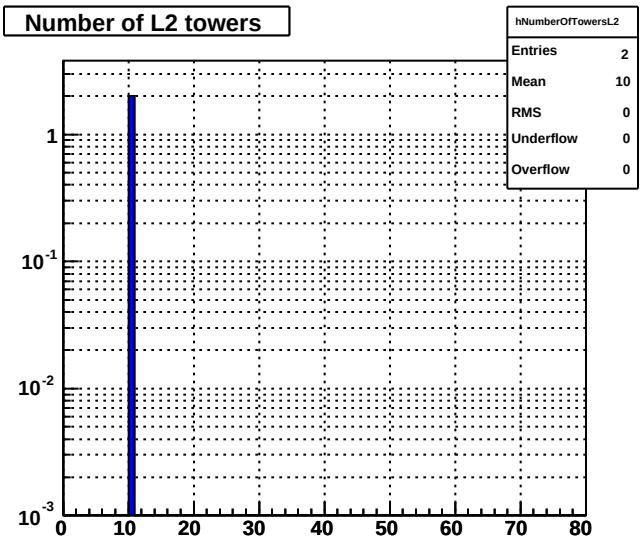
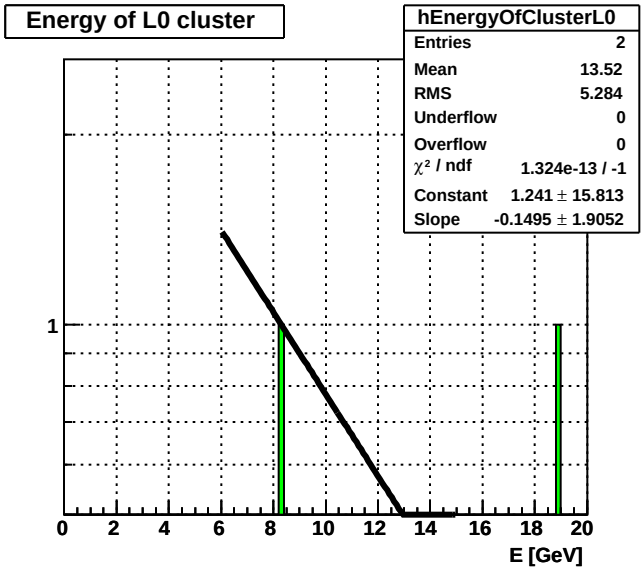
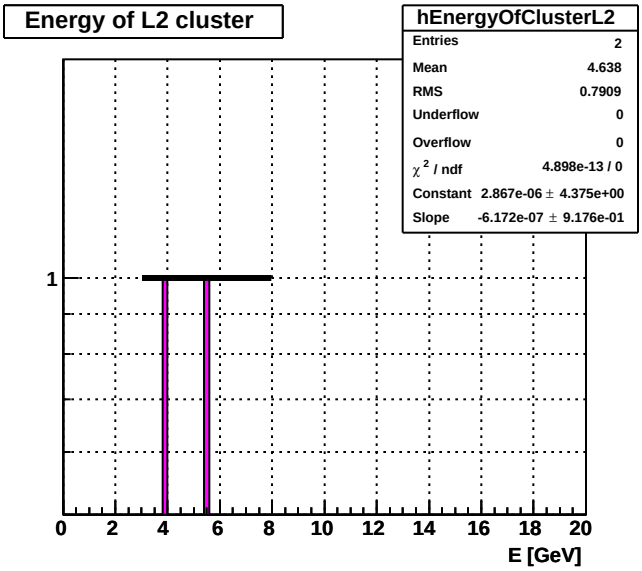

L0 tower
hEtaPhiL0
Entries 2
Mean x 0.7475
Mean y 0.8378
RMS x 0.2225
RMS y 1.651
φ [radians]
η

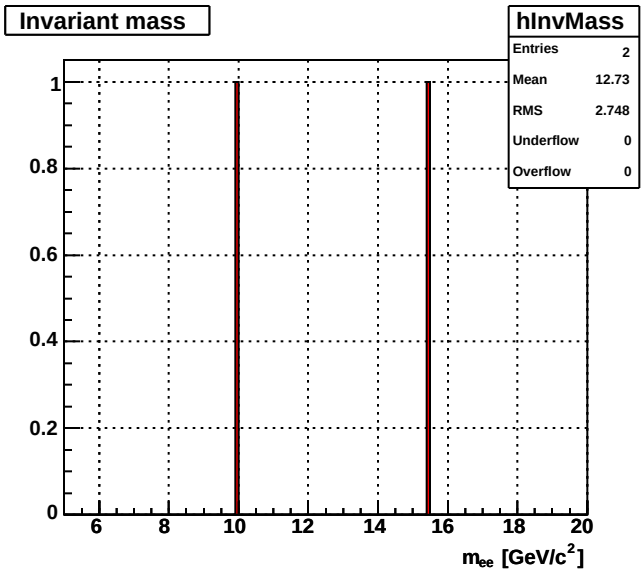

L2 tower
hEtaPhiL2
Entries 2
Mean x -0.4225
Mean y -1.02
RMS x 0.5475
RMS y 0.2618
φ [radians]
η

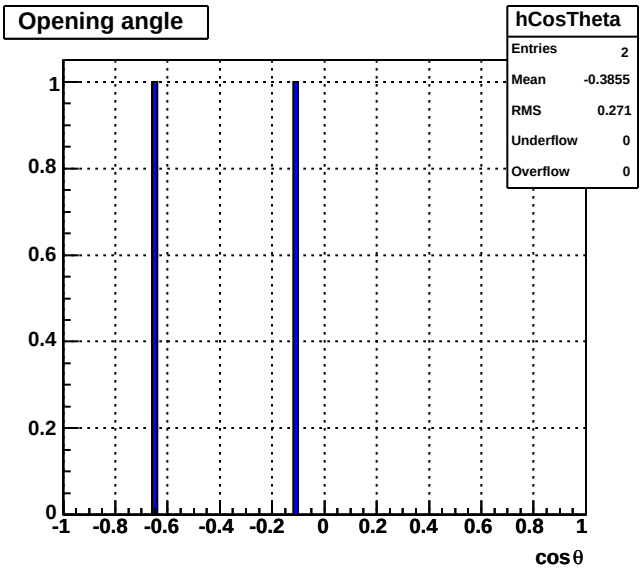

Number of L0 towers
hNumberOfTowersL0
Entries 2
Mean 2
RMS 1
Underflow 0
Overflow 0

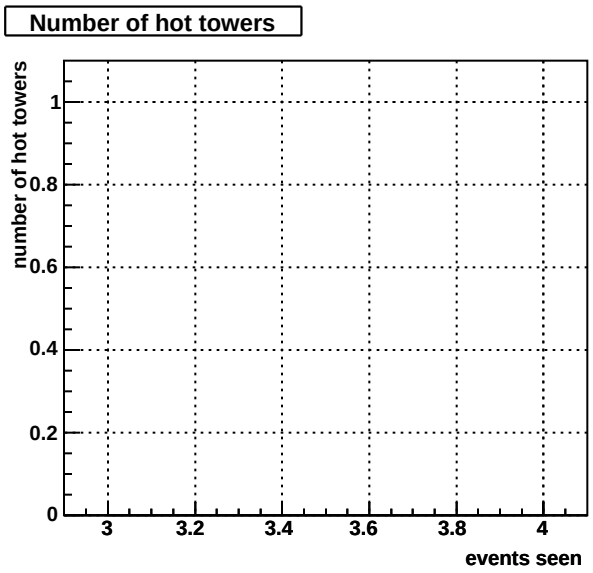

Number of L2 towers
hNumberOfTowersL2
Entries 2
Mean 10
RMS 0
Underflow 0
Overflow 0

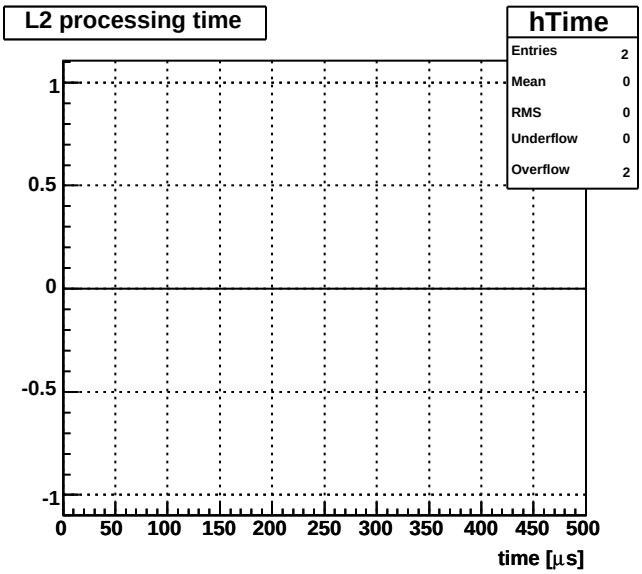

Energy of L0 cluster
hEnergyOfClusterL0
Entries 2
Mean 13.52
RMS 5.284
Underflow 0
Overflow 0
χ² / ndf 1.324e-13 / -1
Constant 1.241 ± 15.813
Slope -0.1495 ± 1.9052
E [GeV]

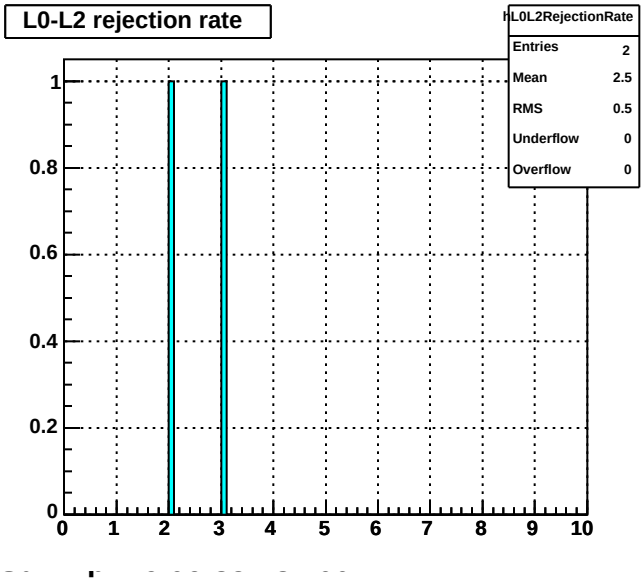

Energy of L2 cluster
hEnergyOfClusterL2
Entries 2
Mean 4.638
RMS 0.7909
Underflow 0
Overflow 0
χ² / ndf 4.898e-13 / 0
Constant 2.867e-06 ± 4.375e+00
Slope -6.172e-07 ± 9.176e-01
E [GeV]

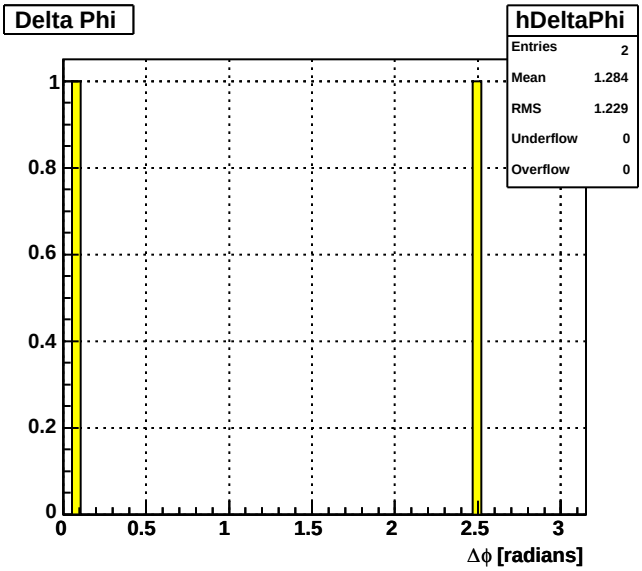

Invariant mass
hInvMass
Entries 2
Mean 12.73
RMS 2.748
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

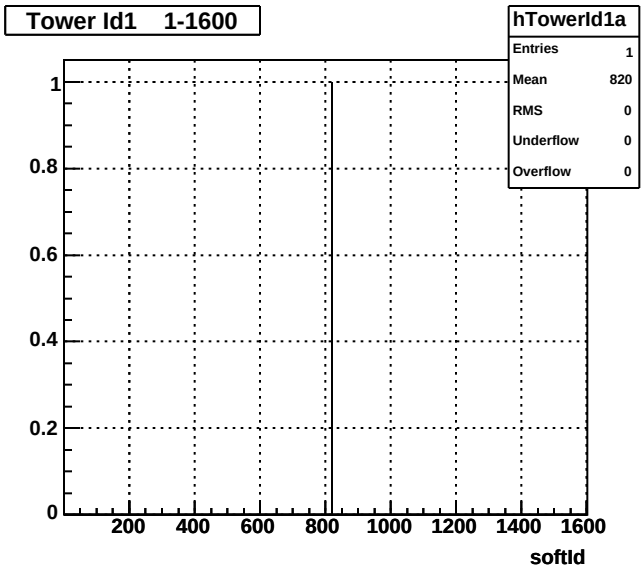

Opening angle
hCosTheta
Entries 2
Mean -0.3855
RMS 0.271
Underflow 0
Overflow 0
cos θ

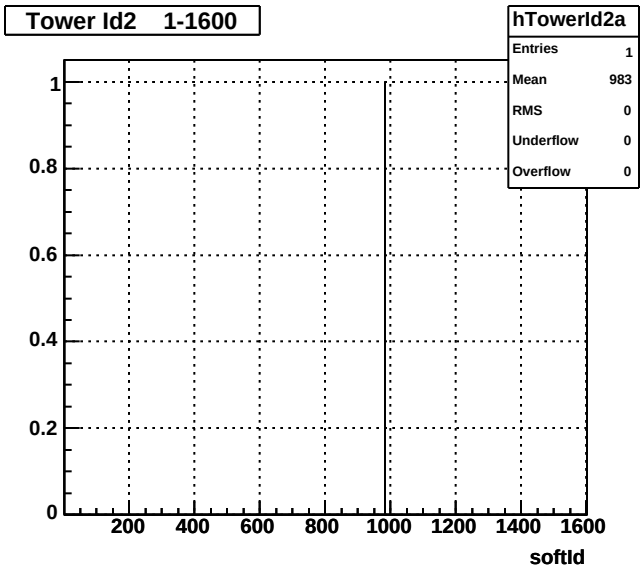

Number of hot towers
number of hot towers
events seen

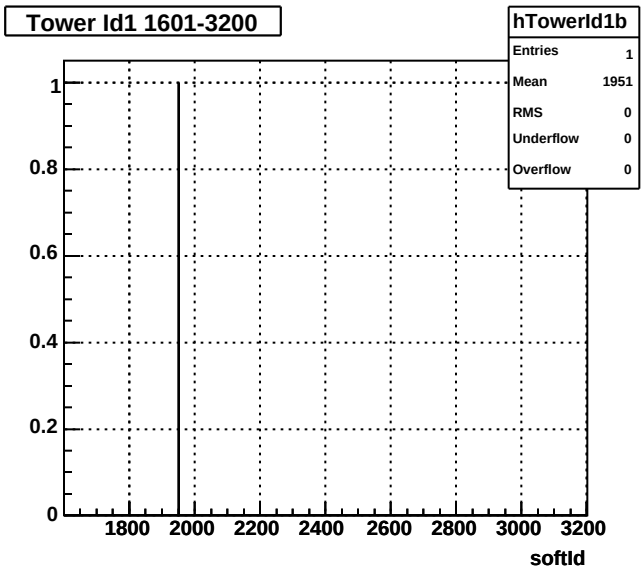

L2 processing time
hTime
Entries 2
Mean 0
RMS 0
Underflow 0
Overflow 2
time [μs]

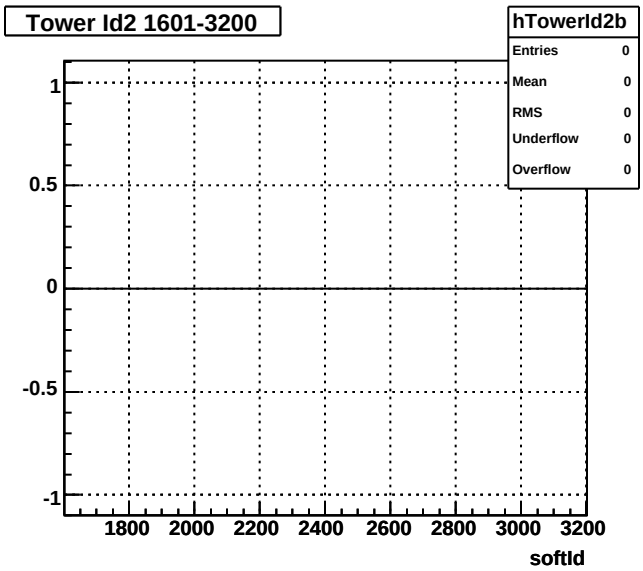

L0-L2 rejection rate
hL0L2RejectionRate
Entries 2
Mean 2.5
RMS 0.5
Underflow 0
Overflow 0

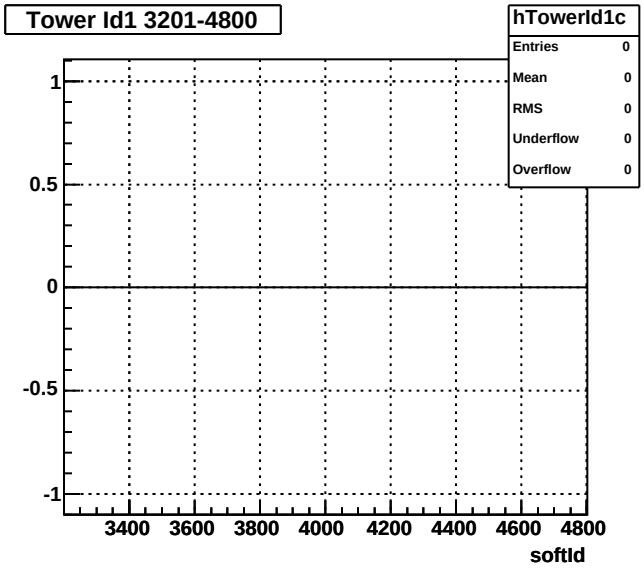

Delta Phi
hDeltaPhi
Entries 2
Mean 1.284
RMS 1.229
Underflow 0
Overflow 0
Δφ [radians]

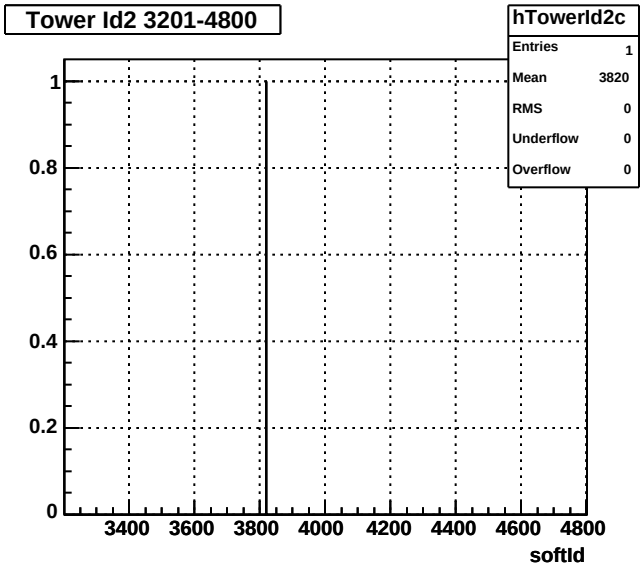

Tower Id1 1-1600
hTowerId1a
Entries 1
Mean 820
RMS 0
Underflow 0
Overflow 0
softId

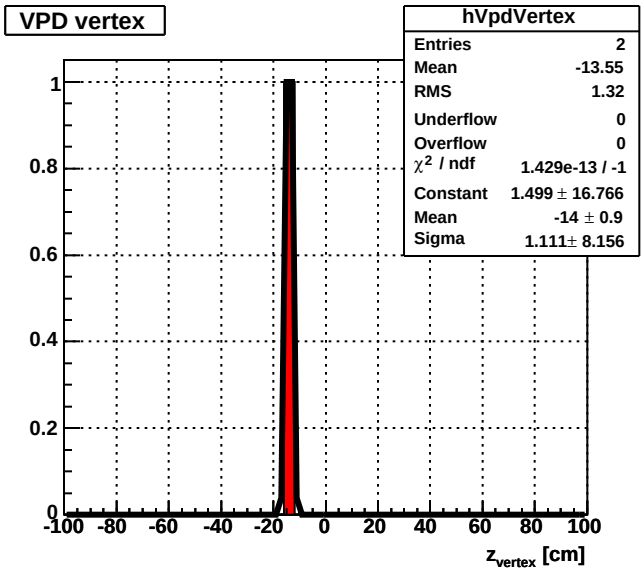

Tower Id2 1-1600
hTowerId2a
Entries 1
Mean 983
RMS 0
Underflow 0
Overflow 0
softId

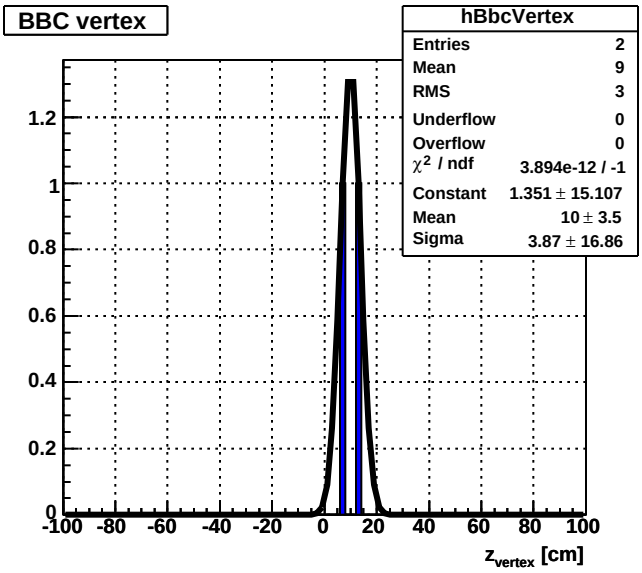

Tower Id1 1601-3200
hTowerId1b
Entries 1
Mean 1951
RMS 0
Underflow 0
Overflow 0
softId

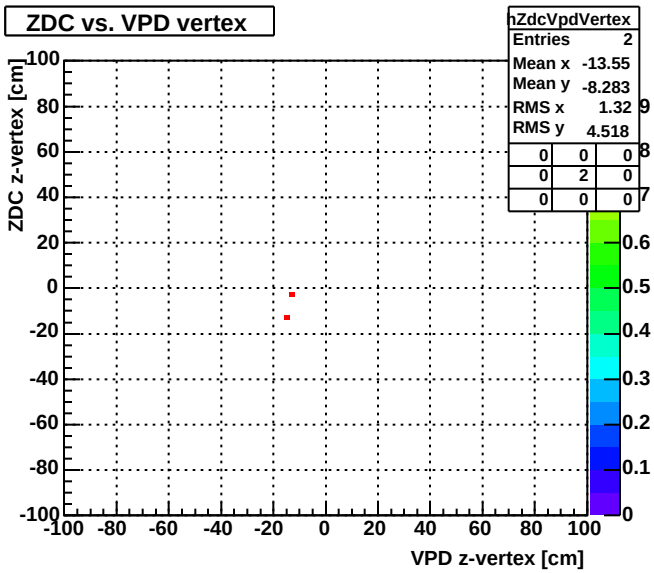

Tower Id2 1601-3200
hTowerId2b
Entries 0
Mean 0
RMS 0
Underflow 0
Overflow 0
softId

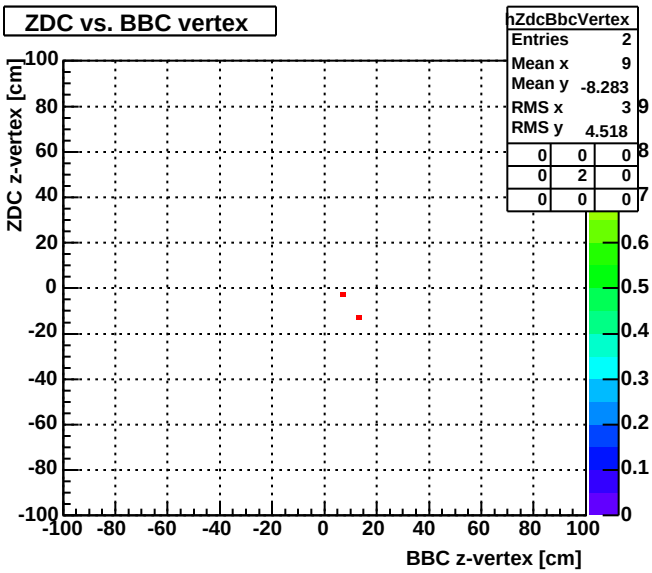

Tower Id1 3201-4800
hTowerId1c
Entries 0
Mean 0
RMS 0
Underflow 0
Overflow 0
softId

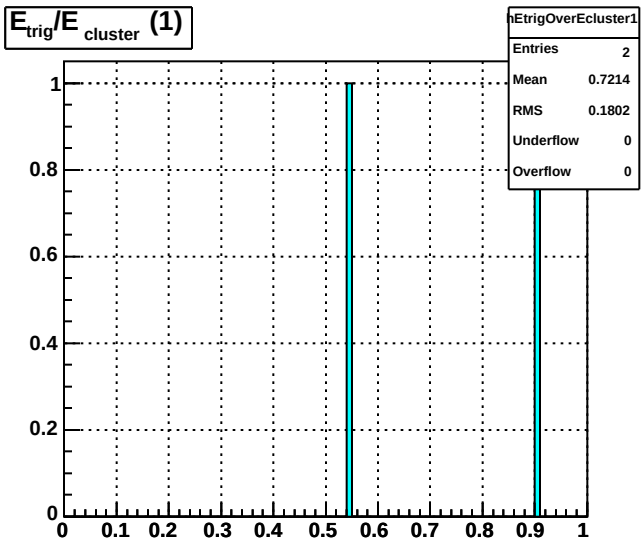

Tower Id2 3201-4800
hTowerId2c
Entries 1
Mean 3820
RMS 0
Underflow 0
Overflow 0
softId

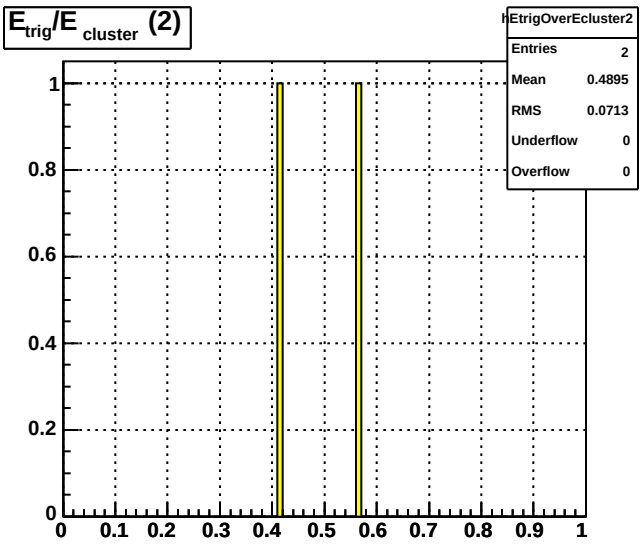

VPD vertex
hVpdVertex
Entries 2
Mean -13.55
RMS 1.32
Underflow 0
Overflow 0
χ² / ndf 1.429e-13 / -1
Constant 1.499 ± 16.766
Mean -14 ± 0.9
Sigma 1.111± 8.156
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 2
Mean 9
RMS 3
Underflow 0
Overflow 0
χ² / ndf 3.894e-12 / -1
Constant 1.351 ± 15.107
Mean 10 ± 3.5
Sigma 3.87 ± 16.86
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 2
Mean x -13.55
Mean y -8.283
RMS x 1.32
RMS y 4.518
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 2
Mean x 9
Mean y -8.283
RMS x 3
RMS y 4.518
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 2
Mean 0.7214
RMS 0.1802
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 2
Mean 0.4895
RMS 0.0713
Underflow 0
Overflow 0