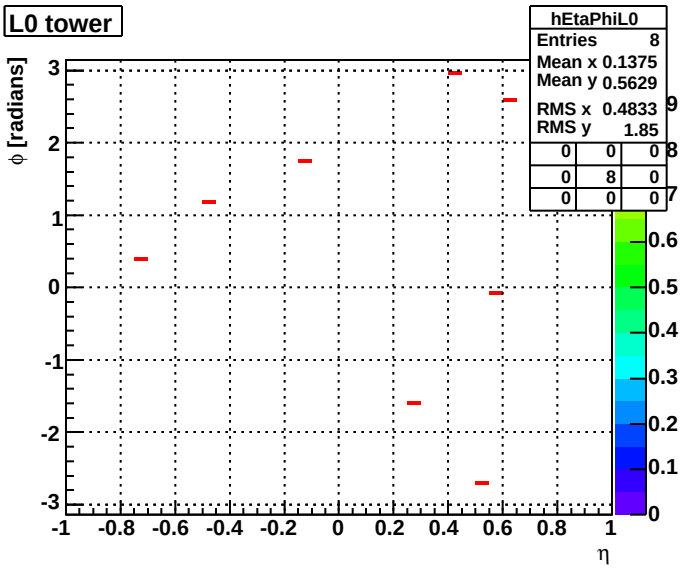
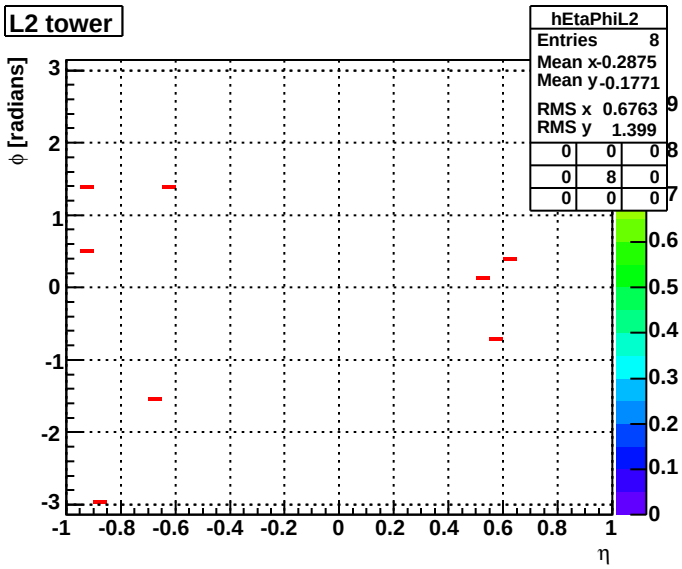
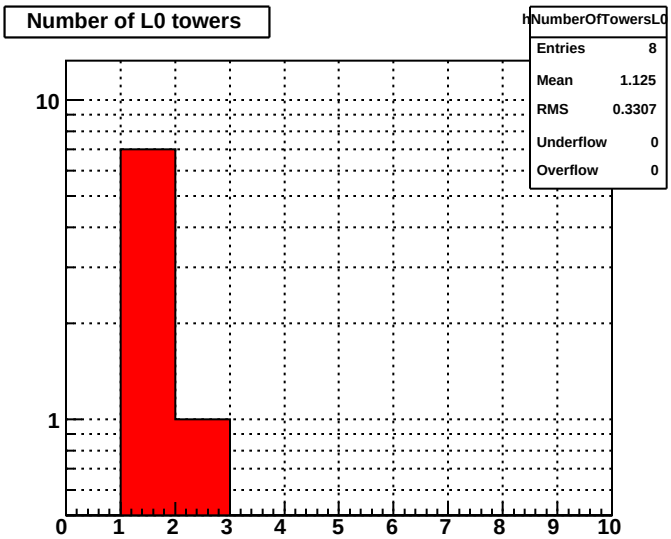
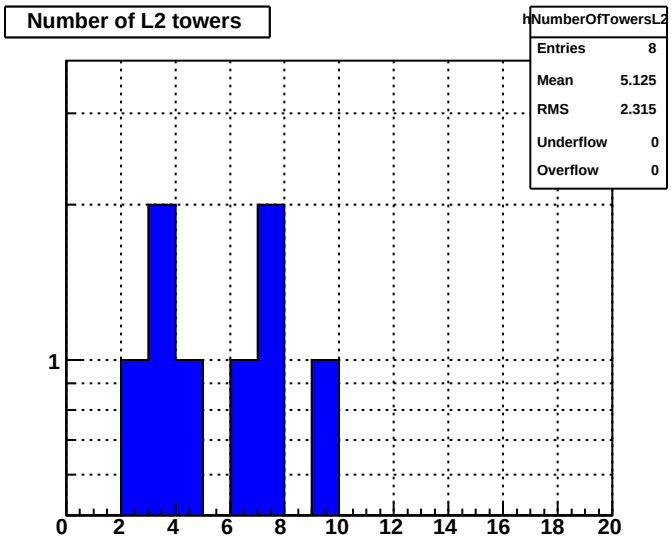
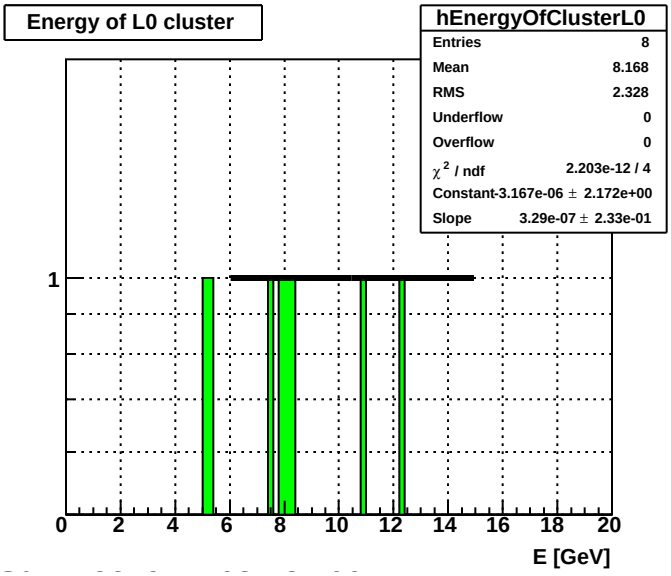
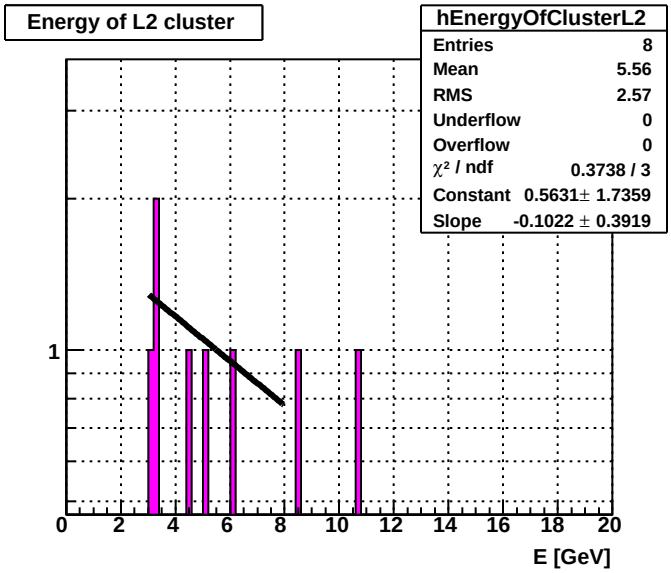

L0 tower
hEtaPhiL0
Entries 8
Mean x 0.1375
Mean y 0.5629
RMS x 0.4833
RMS y 1.85
φ [radians]
η

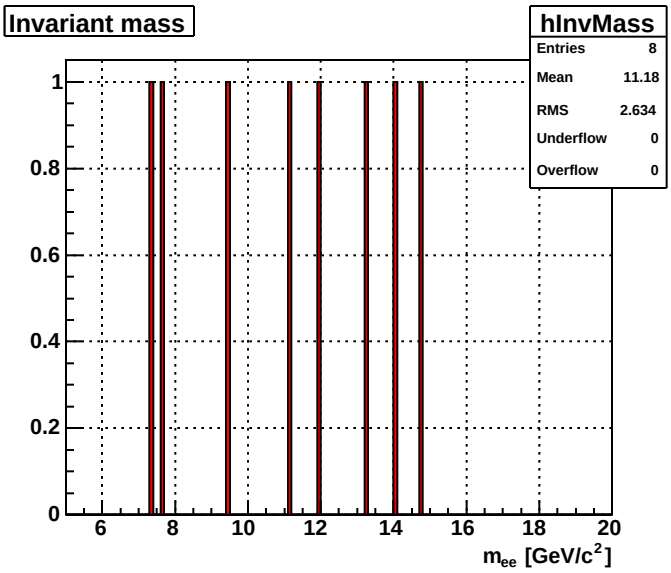

L2 tower
hEtaPhiL2
Entries 8
Mean x -0.2875
Mean y -0.1771
RMS x 0.6763
RMS y 1.399
φ [radians]
η

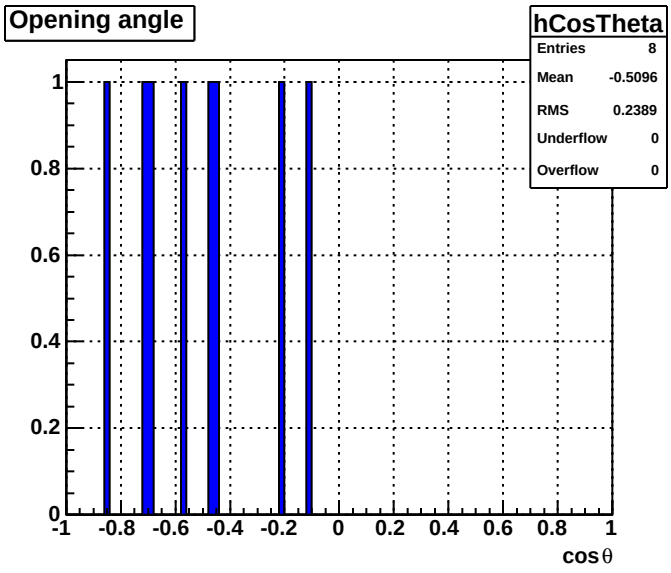

Number of L0 towers
hNumberOfTowersL0
Entries 8
Mean 1.125
RMS 0.3307
Underflow 0
Overflow 0

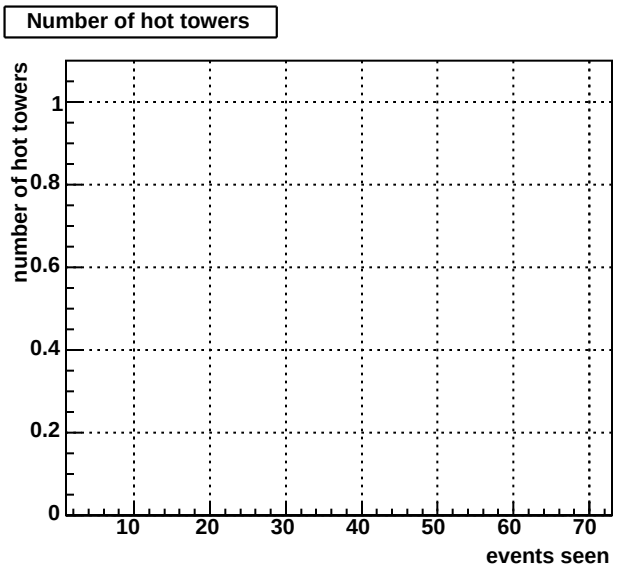

Number of L2 towers
hNumberOfTowersL2
Entries 8
Mean 5.125
RMS 2.315
Underflow 0
Overflow 0

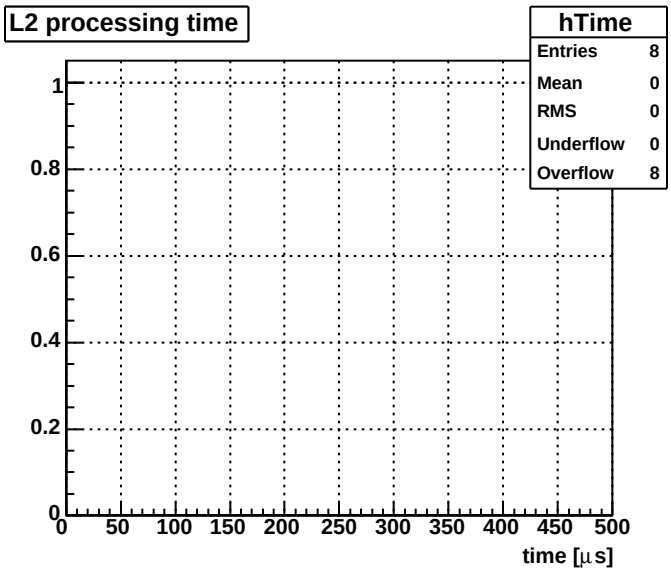

Energy of L0 cluster
hEnergyOfClusterL0
Entries 8
Mean 8.168
RMS 2.328
Underflow 0
Overflow 0
χ² / ndf 2.203e-12 / 4
Constant -3.167e-06 ± 2.172e+00
Slope 3.29e-07 ± 2.33e-01
E [GeV]

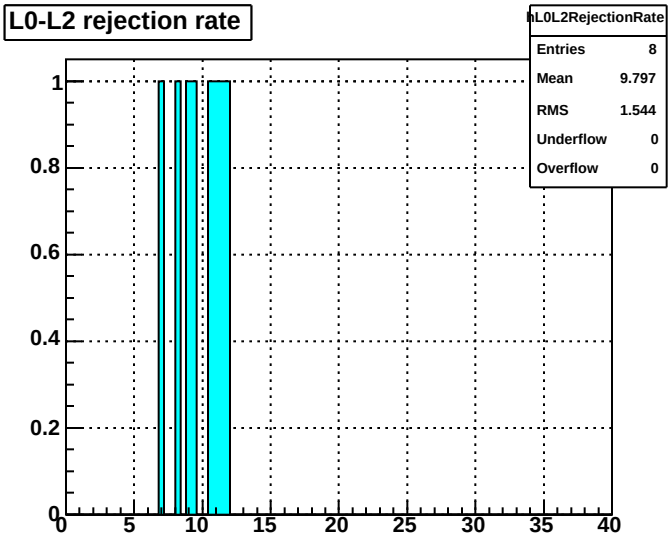

Energy of L2 cluster
hEnergyOfClusterL2
Entries 8
Mean 5.56
RMS 2.57
Underflow 0
Overflow 0
χ² / ndf 0.3738 / 3
Constant 0.5631 ± 1.7359
Slope -0.1022 ± 0.3919
E [GeV]

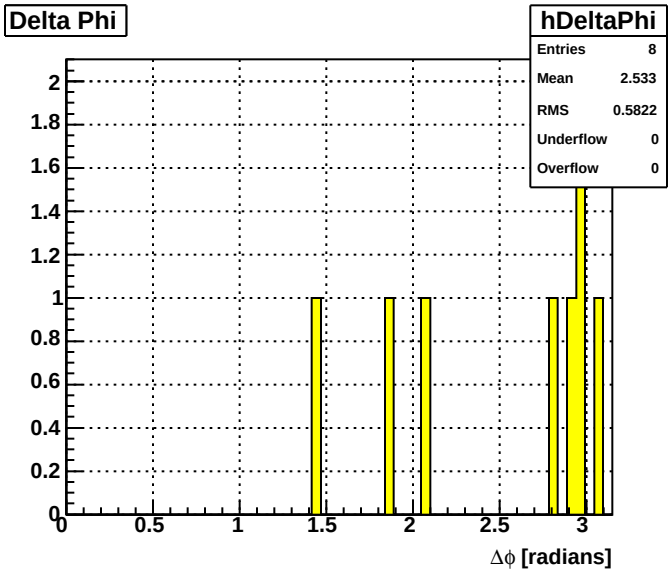

Invariant mass
hInvMass
Entries 8
Mean 11.18
RMS 2.634
Underflow 0
Overflow 0
m_{ee} [GeV/c^2]

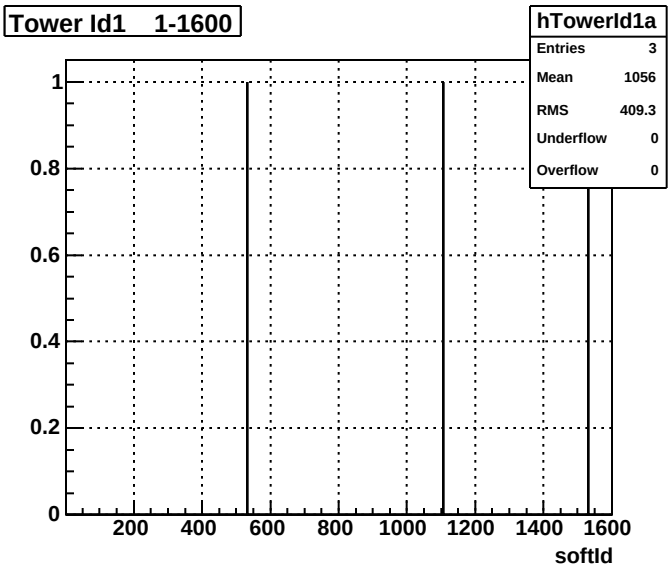

Opening angle
hCosTheta
Entries 8
Mean -0.5096
RMS 0.2389
Underflow 0
Overflow 0
cos θ

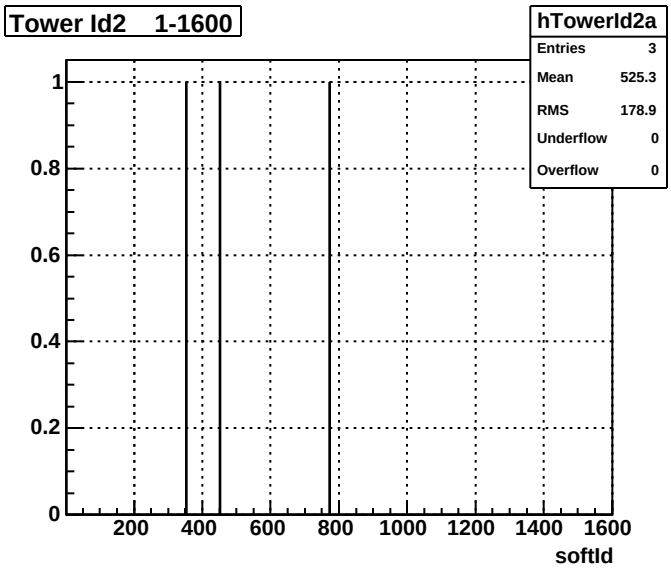

Number of hot towers
number of hot towers
events seen

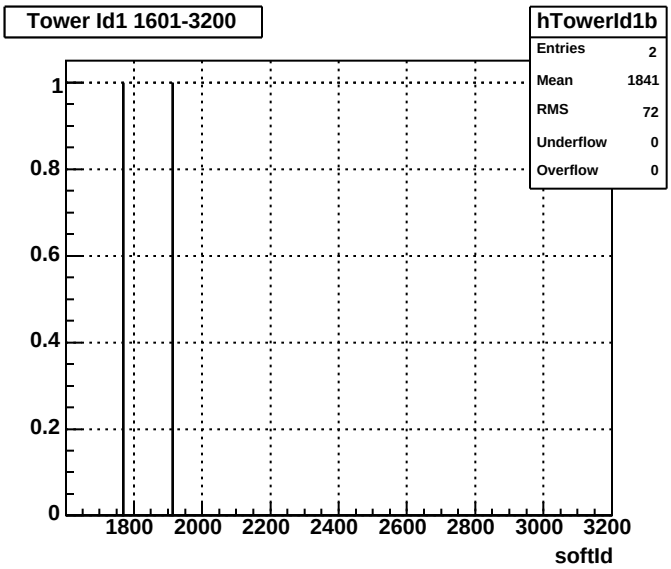

L2 processing time
hTime
Entries 8
Mean 0
RMS 0
Underflow 0
Overflow 8
time [μs]

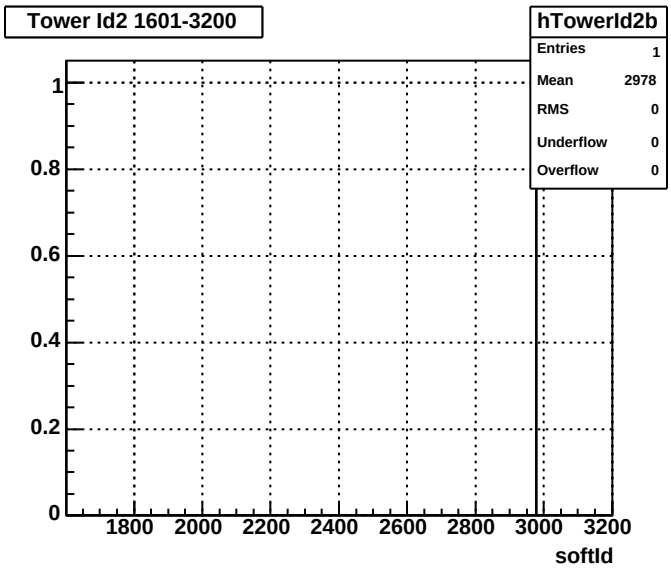

L0-L2 rejection rate
hL0L2RejectionRate
Entries 8
Mean 9.797
RMS 1.544
Underflow 0
Overflow 0

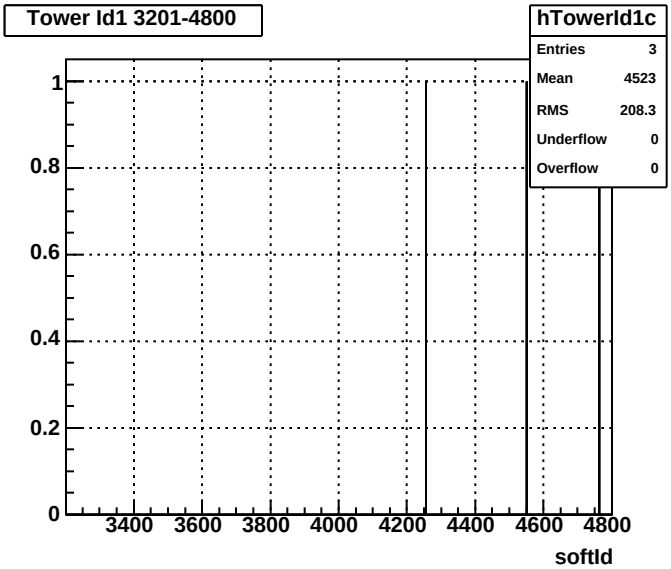

Delta Phi
hDeltaPhi
Entries 8
Mean 2.533
RMS 0.5822
Underflow 0
Overflow 0
Δφ [radians]

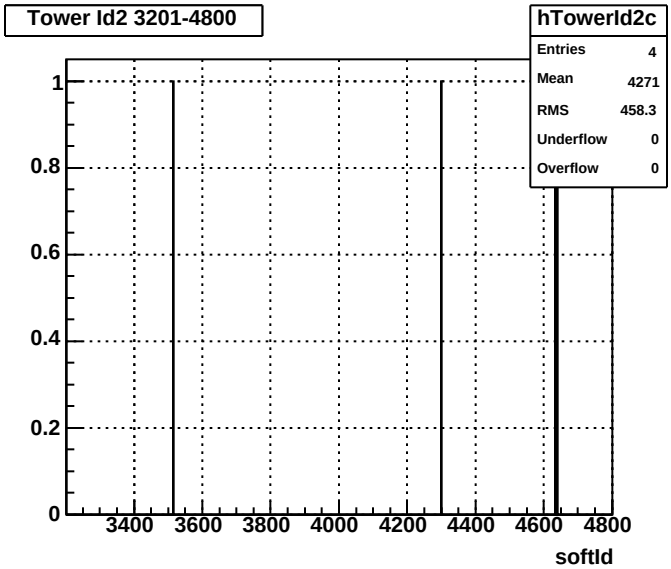

Tower Id1 1-1600
hTowerId1a
Entries 3
Mean 1056
RMS 409.3
Underflow 0
Overflow 0
softId

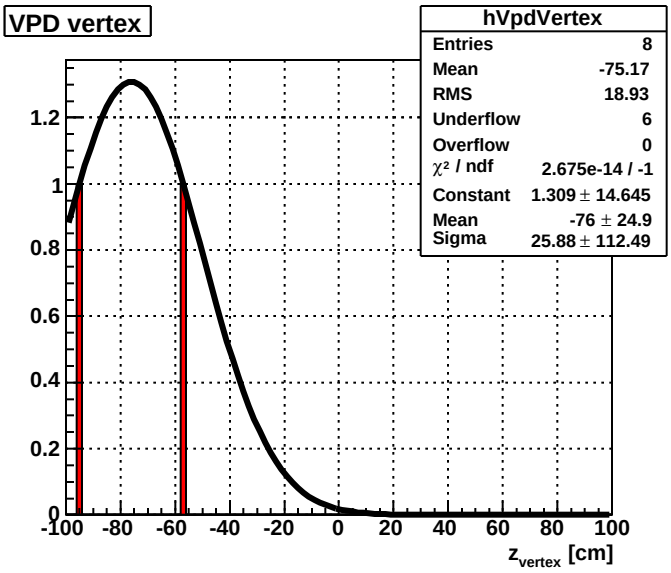

Tower Id2 1-1600
hTowerId2a
Entries 3
Mean 525.3
RMS 178.9
Underflow 0
Overflow 0
softId

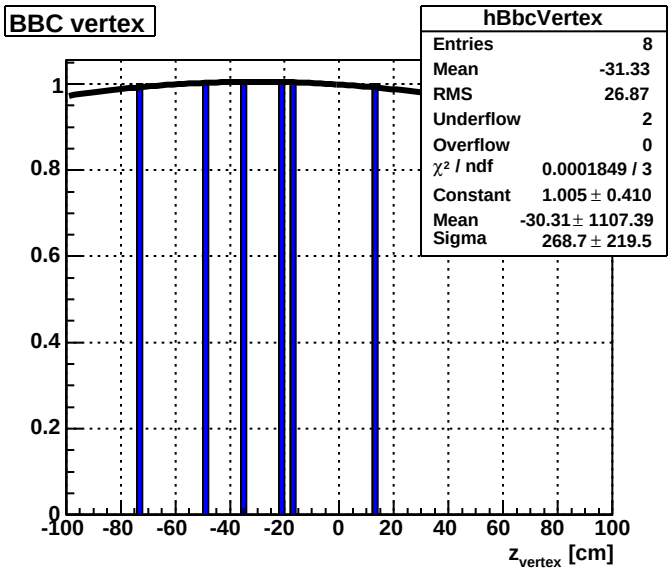

Tower Id1 1601-3200
hTowerId1b
Entries 2
Mean 1841
RMS 72
Underflow 0
Overflow 0
softId

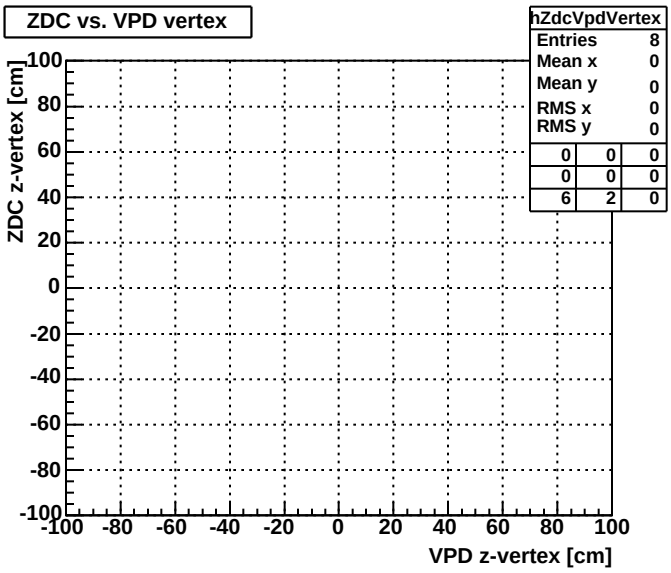

Tower Id2 1601-3200
hTowerId2b
Entries 1
Mean 2978
RMS 0
Underflow 0
Overflow 0
softId

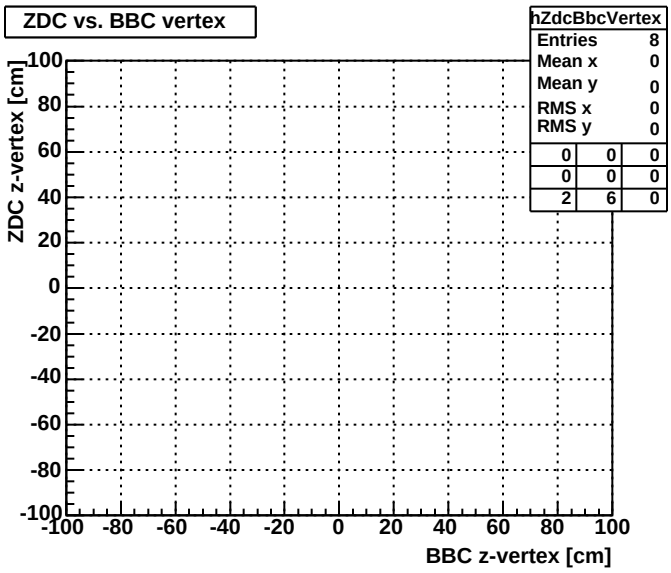

Tower Id1 3201-4800
hTowerId1c
Entries 3
Mean 4523
RMS 208.3
Underflow 0
Overflow 0
softId

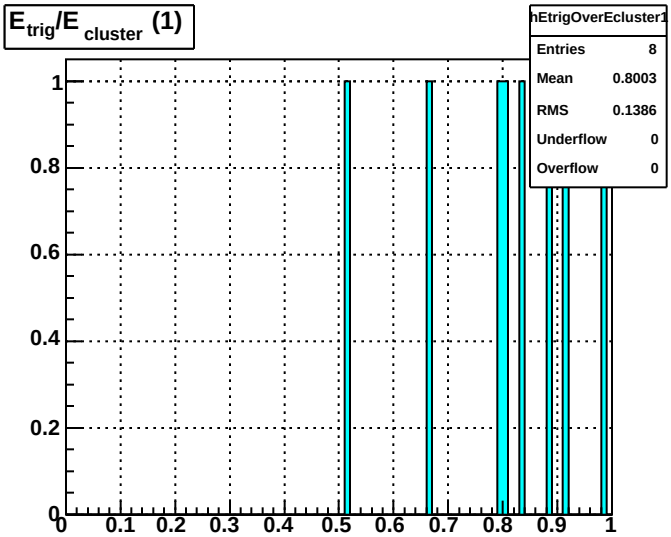

Tower Id2 3201-4800
hTowerId2c
Entries 4
Mean 4271
RMS 458.3
Underflow 0
Overflow 0
softId

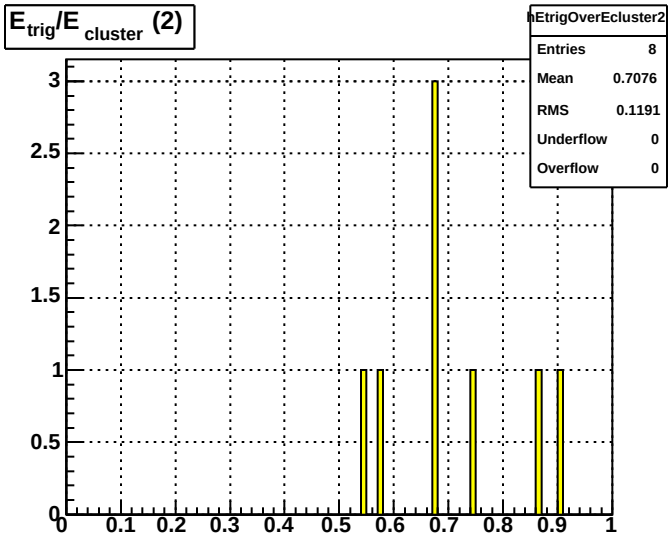

VPD vertex
hVpdVertex
Entries 8
Mean -75.17
RMS 18.93
Underflow 6
Overflow 0
χ² / ndf 2.675e-14 / -1
Constant 1.309 ± 14.645
Mean -76 ± 24.9
Sigma 25.88 ± 112.49
z_vertex [cm]


BBC vertex
hBbcVertex
Entries 8
Mean -31.33
RMS 26.87
Underflow 2
Overflow 0
χ² / ndf 0.0001849 / 3
Constant 1.005 ± 0.410
Mean -30.31 ± 1107.39
Sigma 268.7 ± 219.5
z_vertex [cm]


ZDC vs. VPD vertex
hZdcVpdVertex
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
ZDC z-vertex [cm]
VPD z-vertex [cm]


ZDC vs. BBC vertex
hZdcBbcVertex
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
ZDC z-vertex [cm]
BBC z-vertex [cm]


E_trig/E_cluster (1)
hEtrigOverEcluster1
Entries 8
Mean 0.8003
RMS 0.1386
Underflow 0
Overflow 0


E_trig/E_cluster (2)
hEtrigOverEcluster2
Entries 8
Mean 0.7076
RMS 0.1191
Underflow 0
Overflow 0