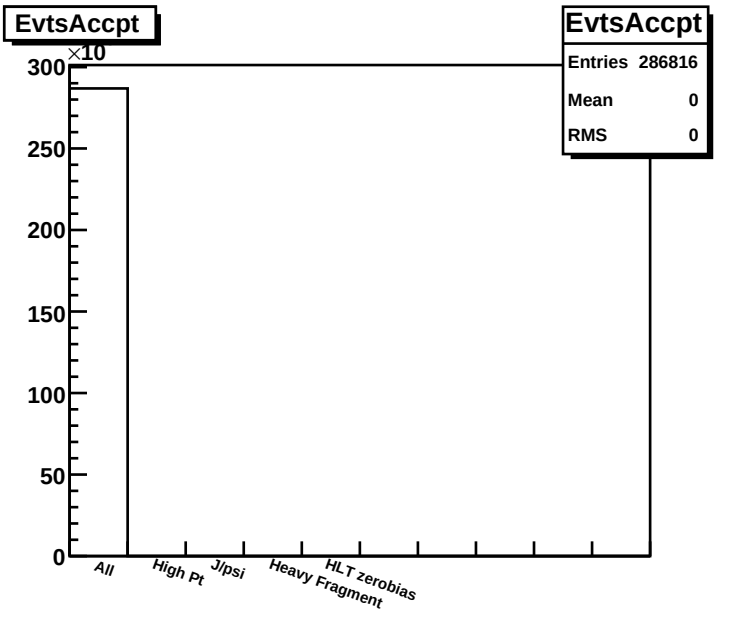
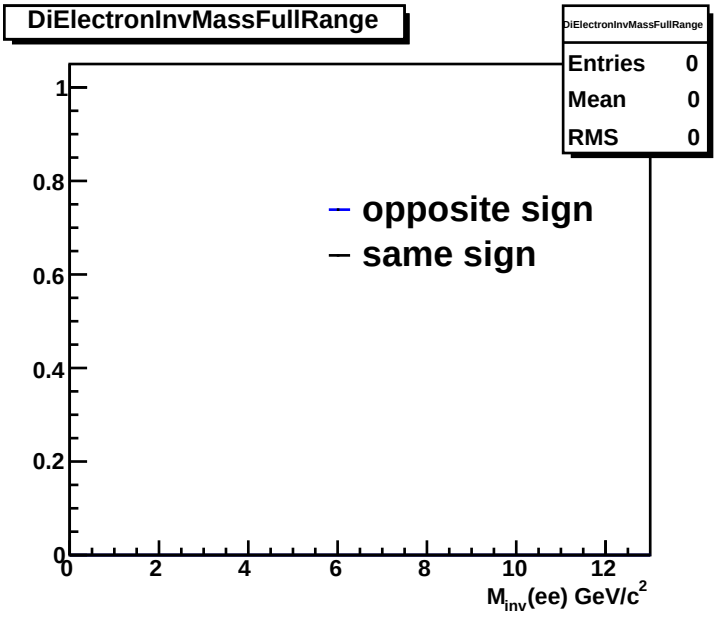
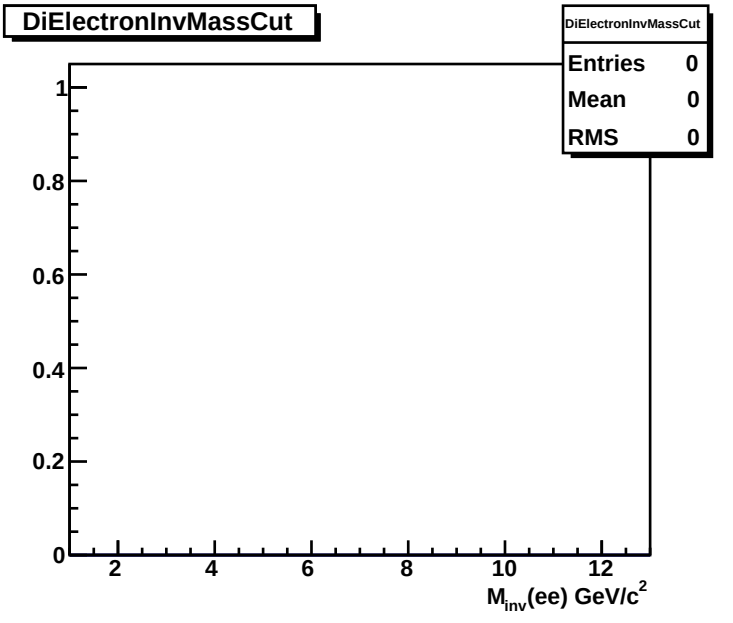
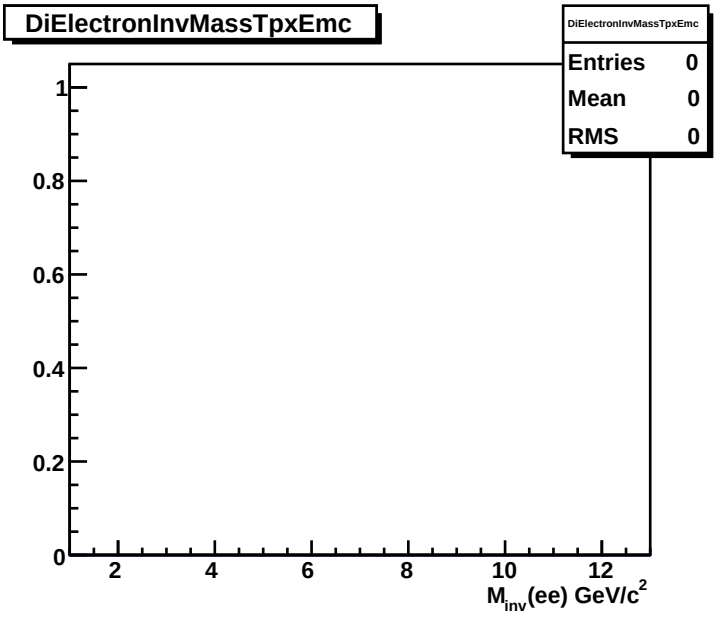
This file is produced on

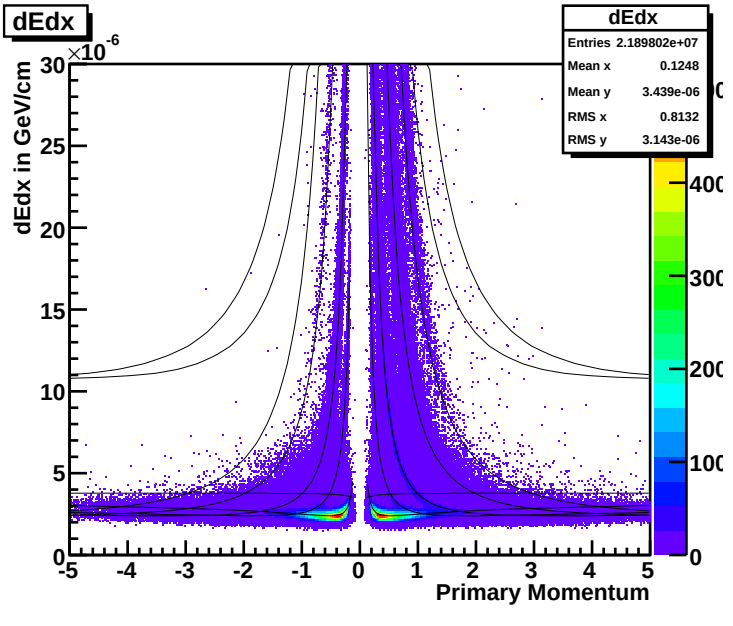
Sun Jun 26 00:52:50 2011

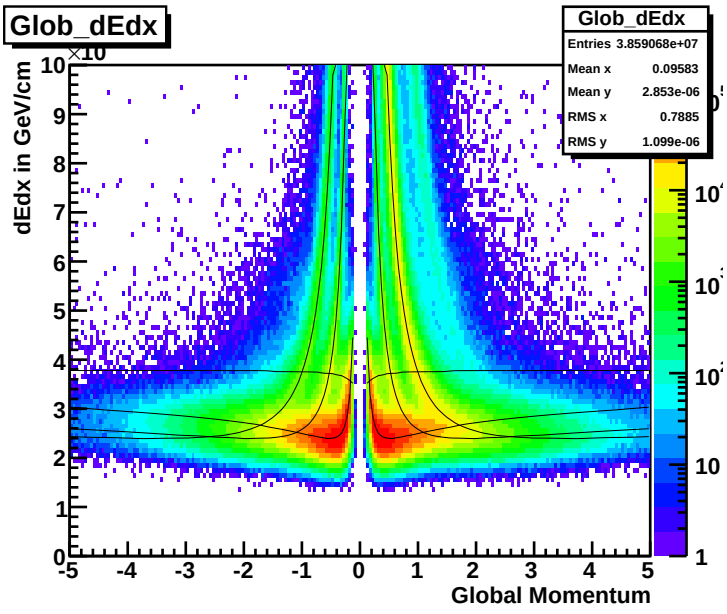


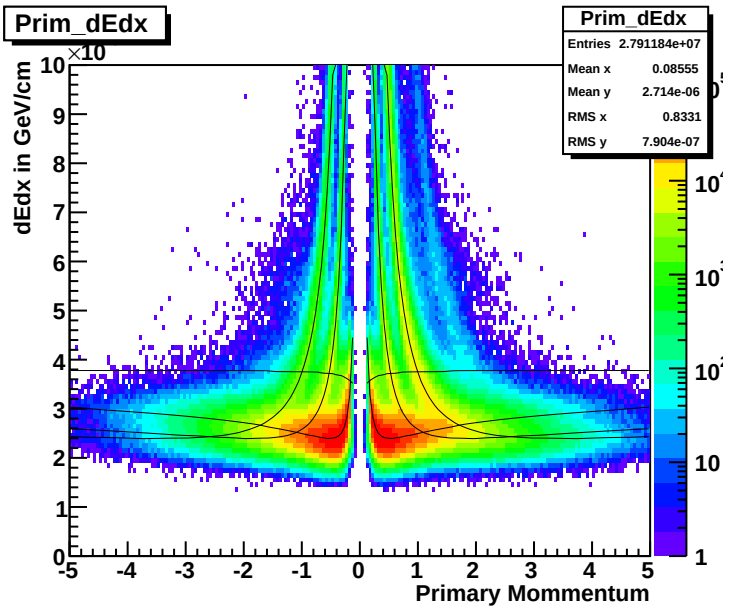


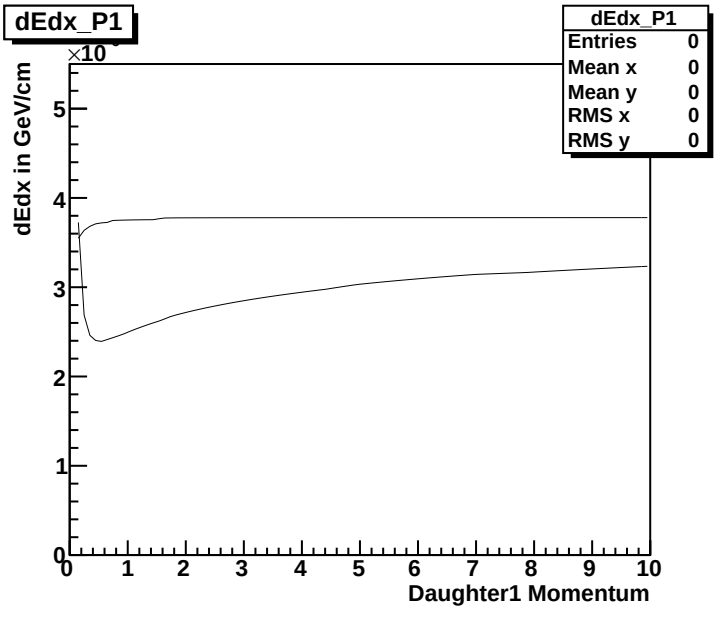


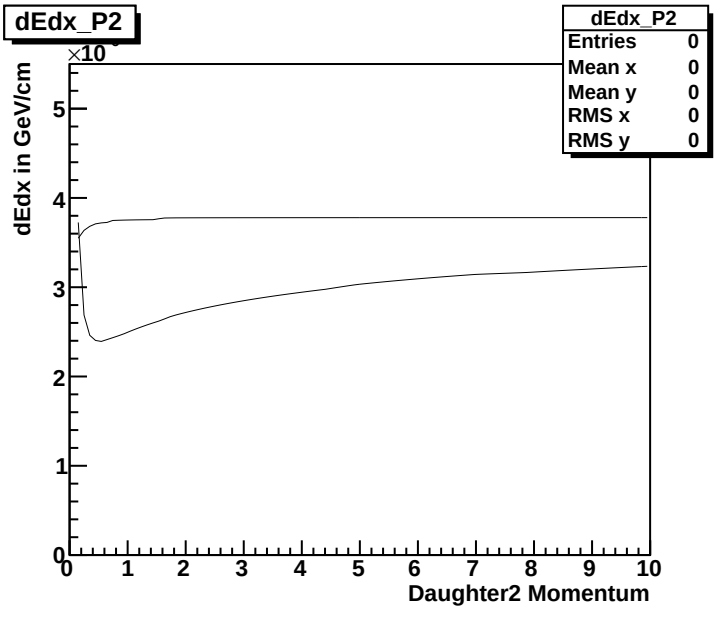


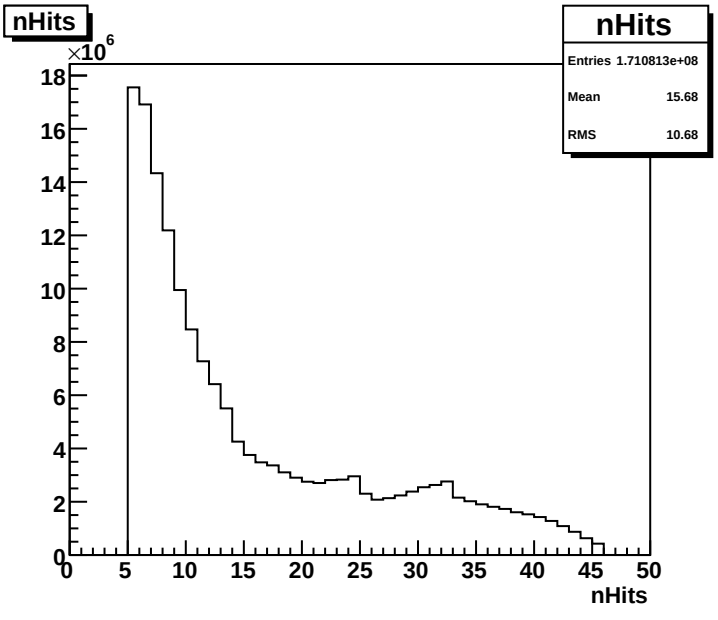


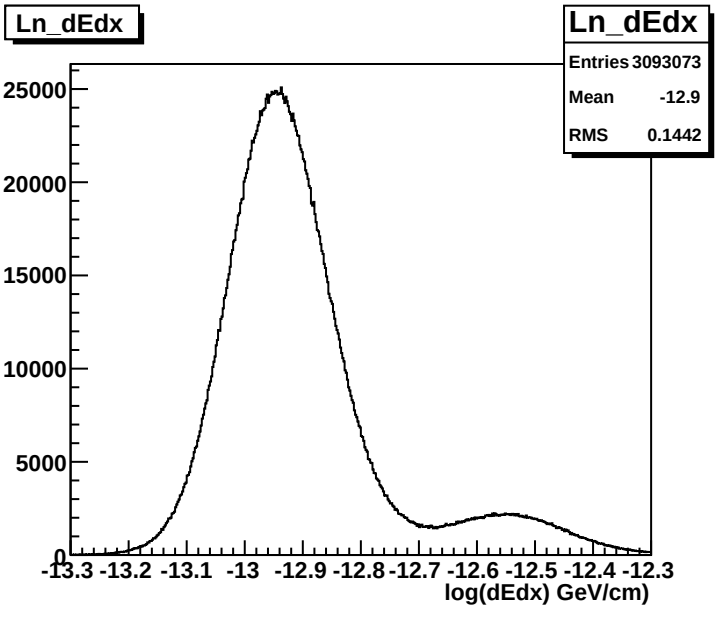

Glob_dEdx
Glob_dEdx
Entries 3.859068e+07
Mean x 0.09583
Mean y 2.853e-06
RMS x 0.7885
RMS y 1.099e-06
dEdx in GeV/cm
Global Momentum

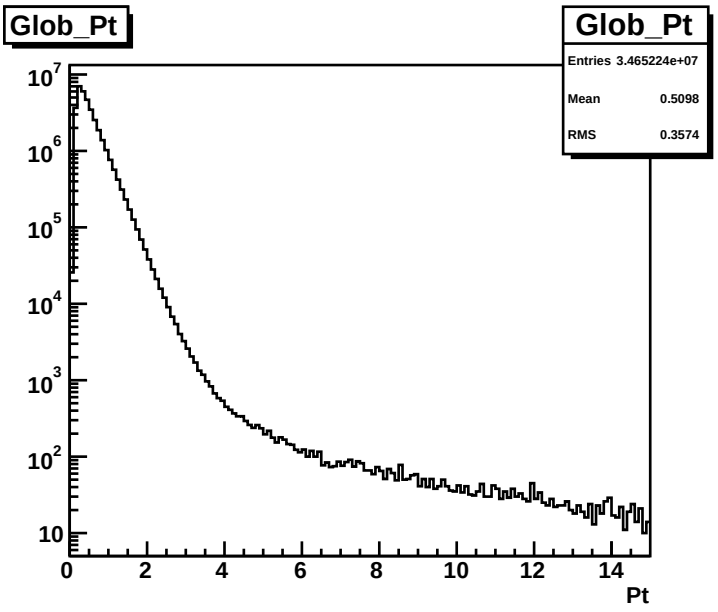

Prim_dEdx
Prim_dEdx
Entries 2.791184e+07
Mean x 0.08555
Mean y 2.714e-06
RMS x 0.8331
RMS y 7.904e-07
dEdx in GeV/cm
Primary Mommentum

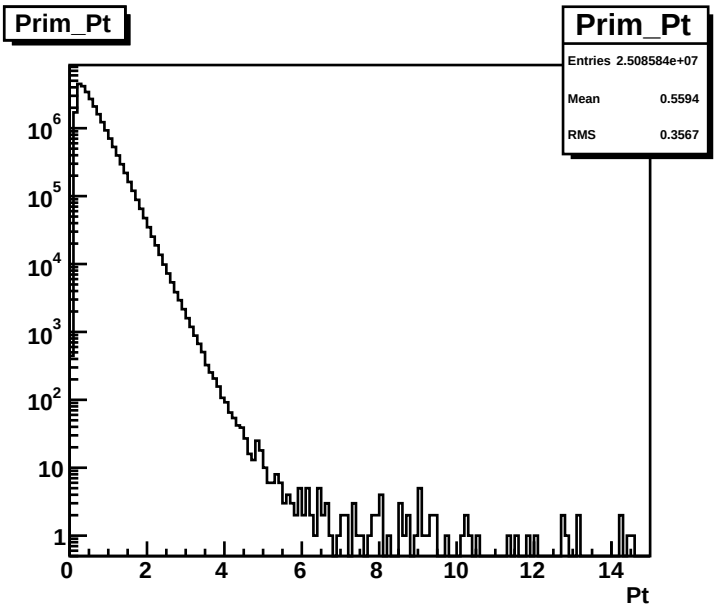

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

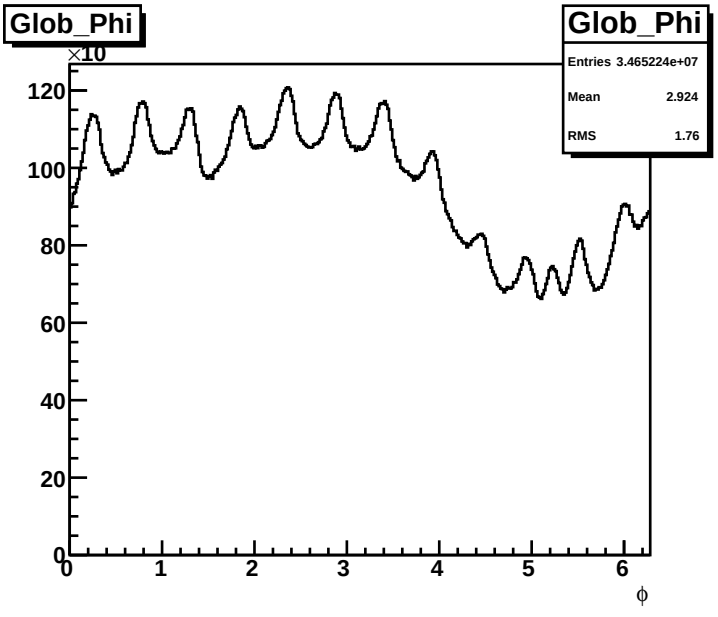

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

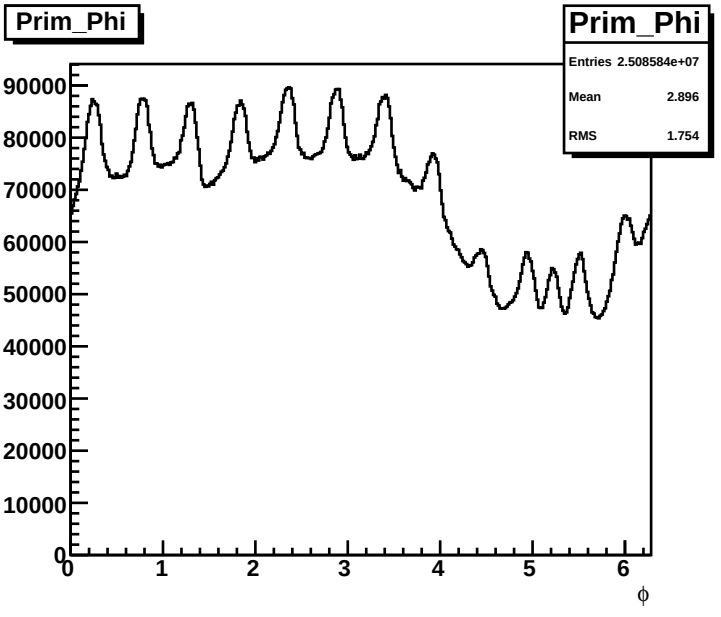

nHits
nHits
Entries 1.710813e+08
Mean 15.68
RMS 10.68
nHits

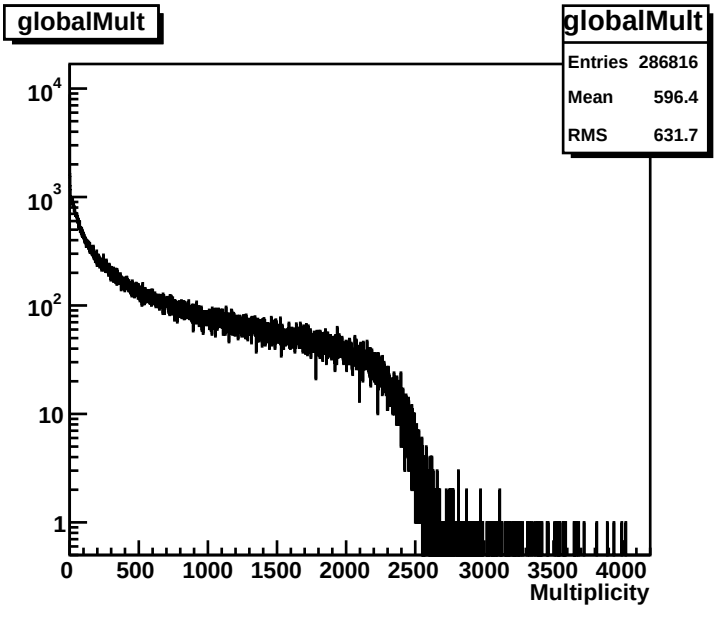

Ln_dEdx
Ln_dEdx
Entries 3093073
Mean -12.9
RMS 0.1442
log(dEdx) GeV/cm)

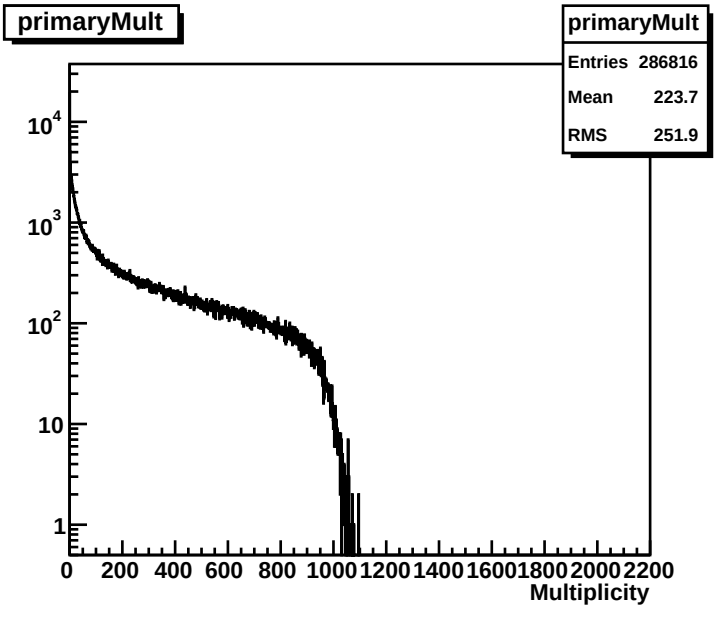

Glob_Pt
Glob_Pt
Entries 3.465224e+07
Mean 0.5098
RMS 0.3574
Pt

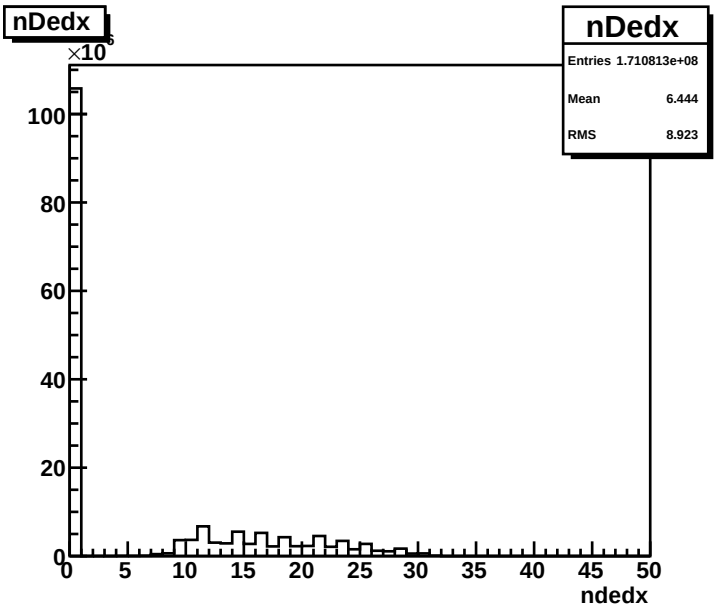

Prim_Pt
Prim_Pt
Entries 2.508584e+07
Mean 0.5594
RMS 0.3567
Pt

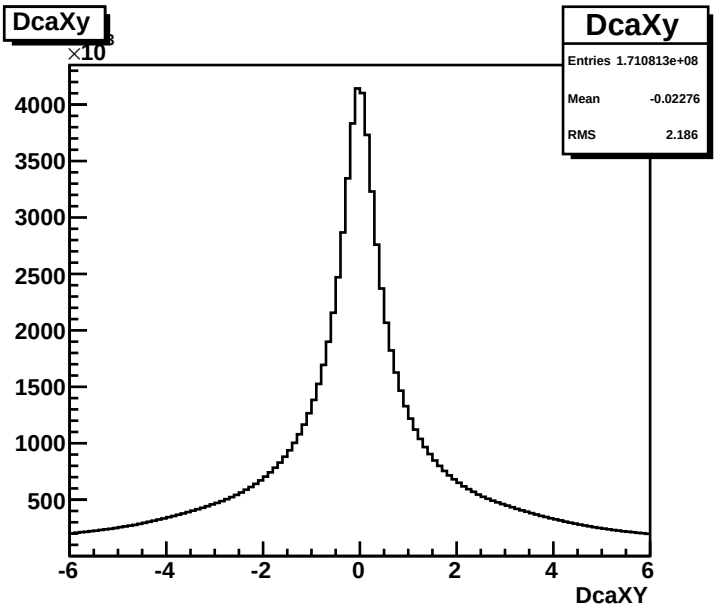

Glob_Phi
Glob_Phi
Entries 3.465224e+07
Mean 2.924
RMS 1.76
×10
ϕ

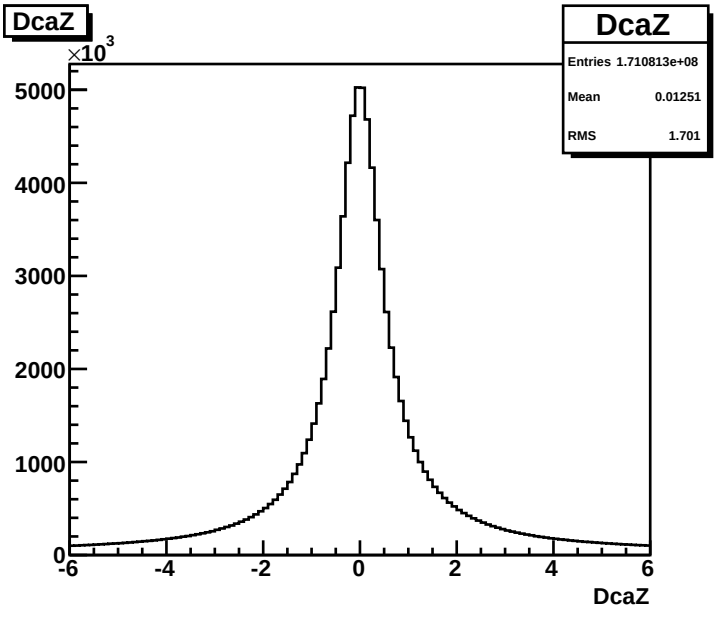

Prim_Phi
Prim_Phi
Entries 2.508584e+07
Mean 2.896
RMS 1.754
ϕ

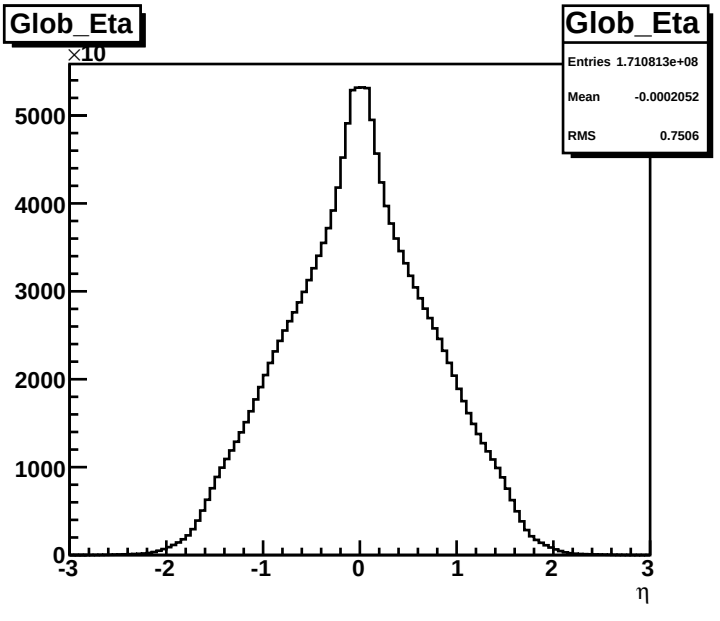

globalMult
globalMult
Entries 286816
Mean 596.4
RMS 631.7
Multiplicity

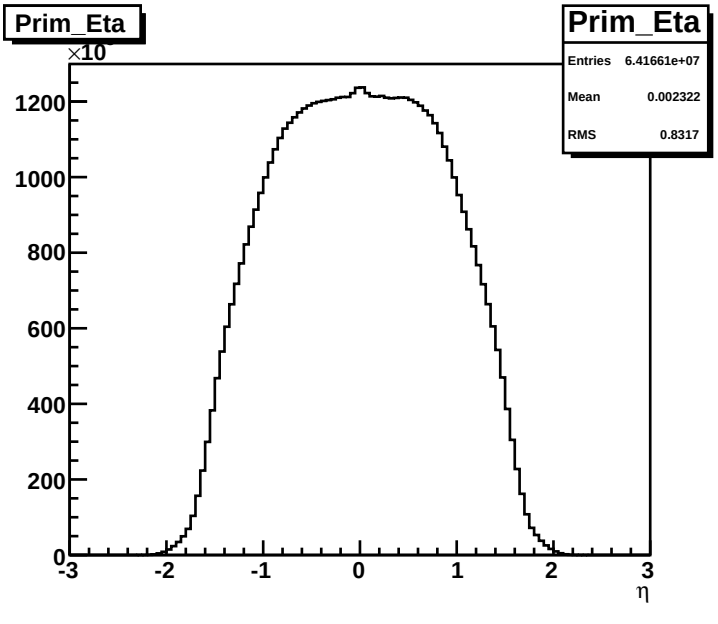

primaryMult
primaryMult
Entries 286816
Mean 223.7
RMS 251.9
Multiplicity

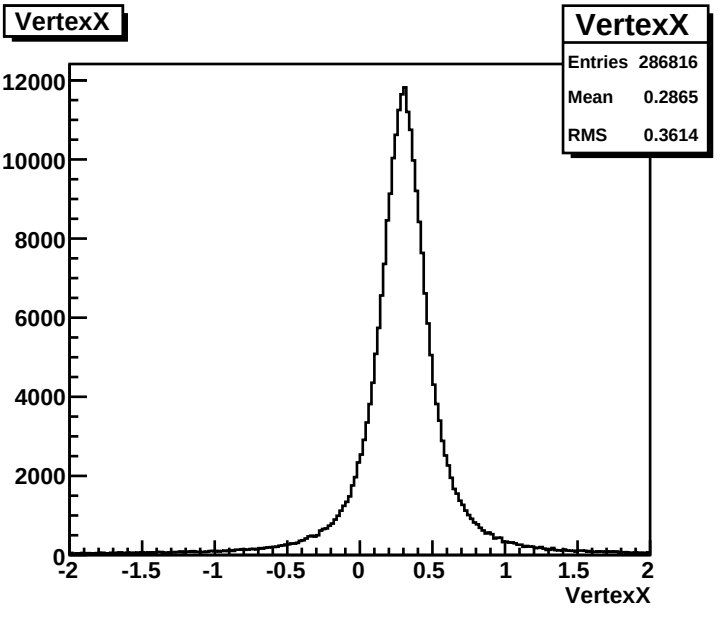

nDedx
nDedx
Entries 1.710813e+08
Mean 6.444
RMS 8.923
ndedx

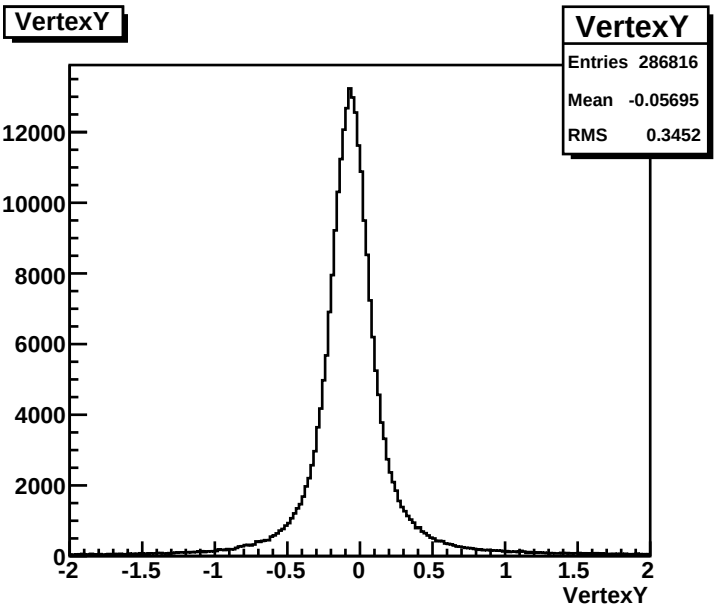

DcaXy
DcaXy
Entries 1.710813e+08
Mean -0.02276
RMS 2.186
DcaXY

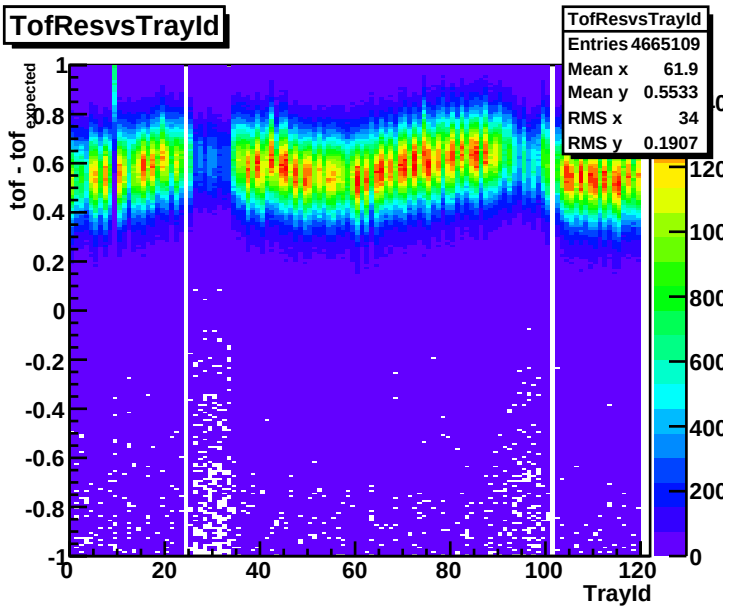

DcaZ
DcaZ
Entries 1.710813e+08
Mean 0.01251
RMS 1.701
DcaZ

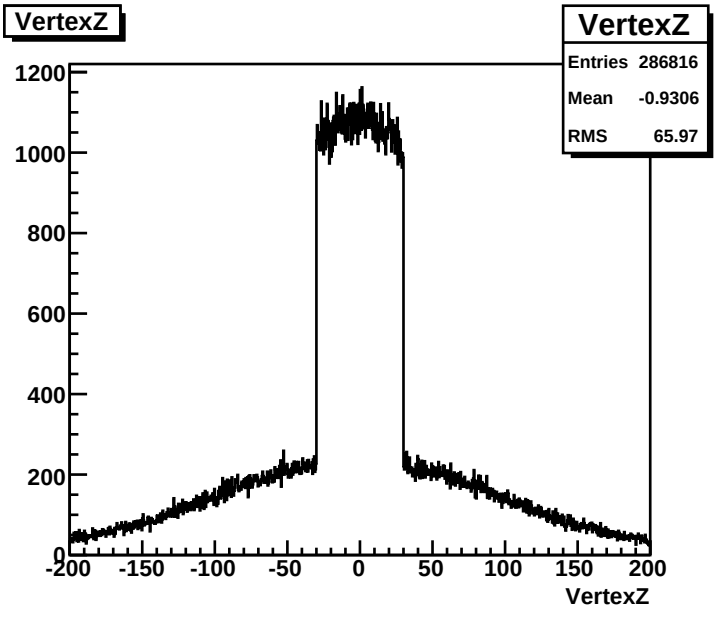

Glob_Eta
Glob_Eta
Entries 1.710813e+08
Mean -0.0002052
RMS 0.7506
η

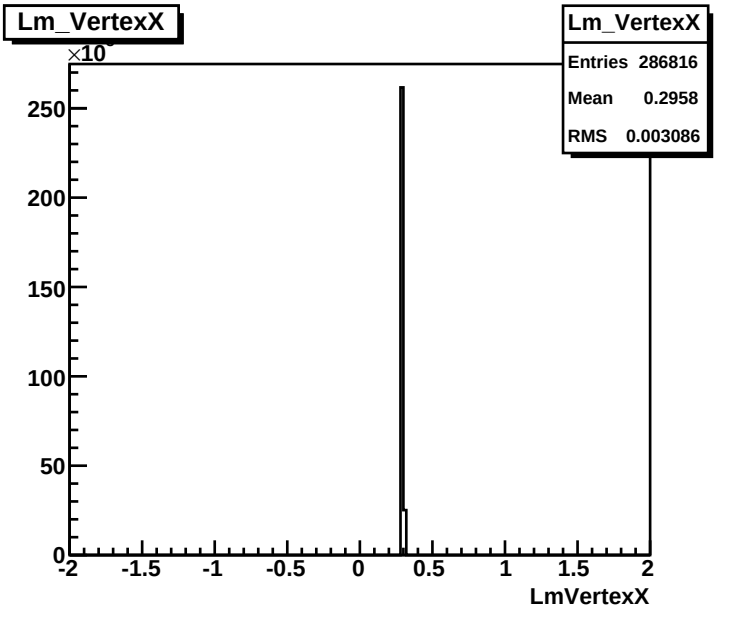

Prim_Eta
Prim_Eta
Entries 6.41661e+07
Mean 0.002322
RMS 0.8317
η

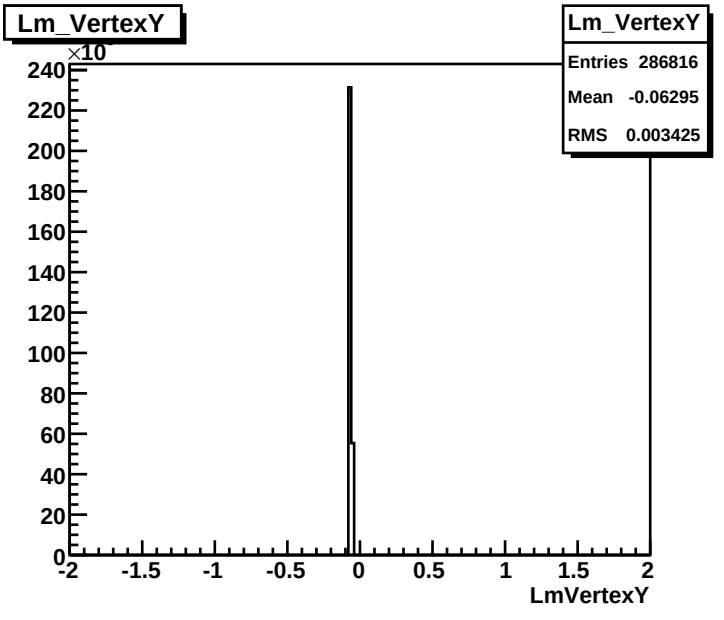

VertexX
VertexX
Entries 286816
Mean 0.2865
RMS 0.3614
VertexX

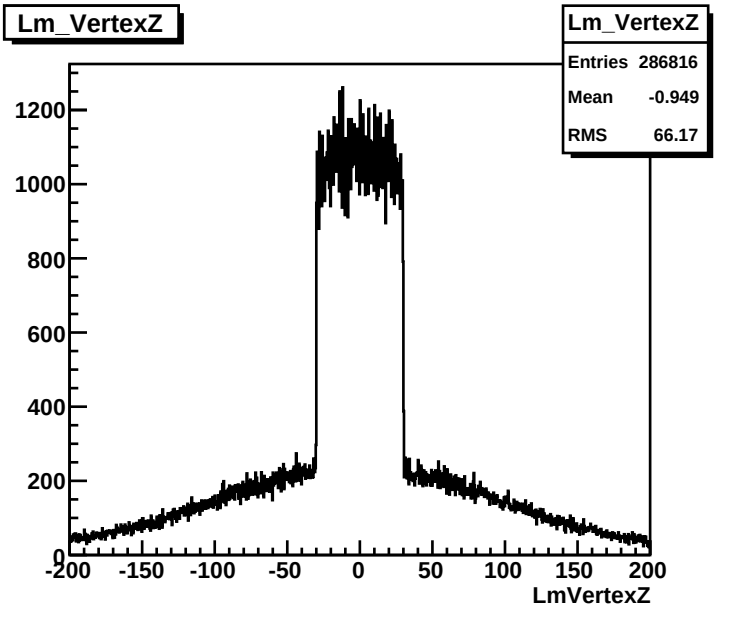

VertexY
VertexY
Entries 286816
Mean -0.05695
RMS 0.3452
VertexY

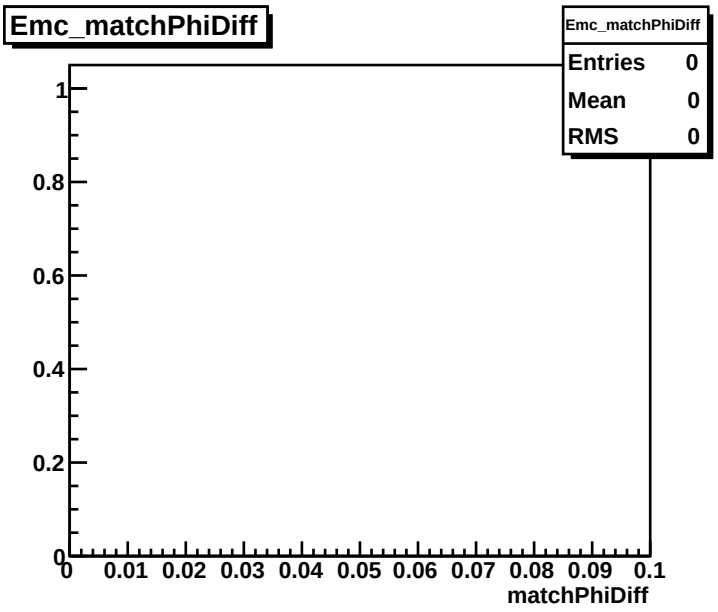

TofResvsTrayId
TofResvsTrayId
Entries 4665109
Mean x 61.9
Mean y 0.5533
RMS x 34
RMS y 0.1907
tof - tof expected
TrayId

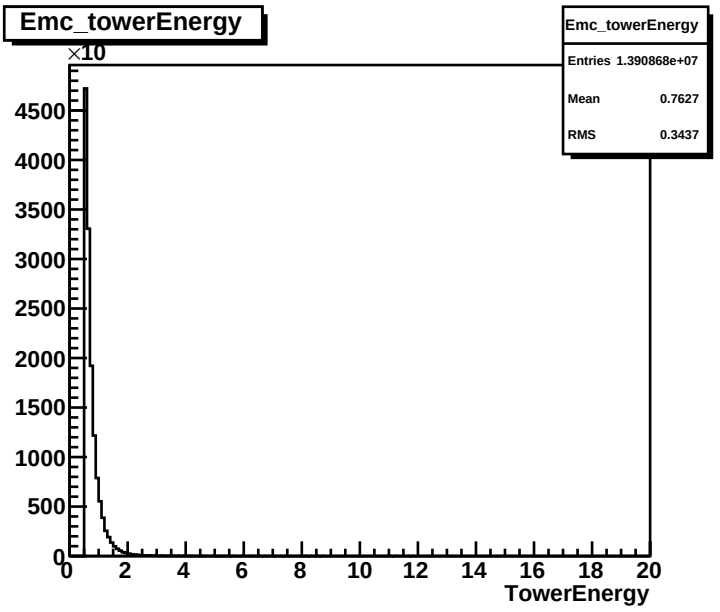

VertexZ
VertexZ
Entries 286816
Mean -0.9306
RMS 65.97
VertexZ

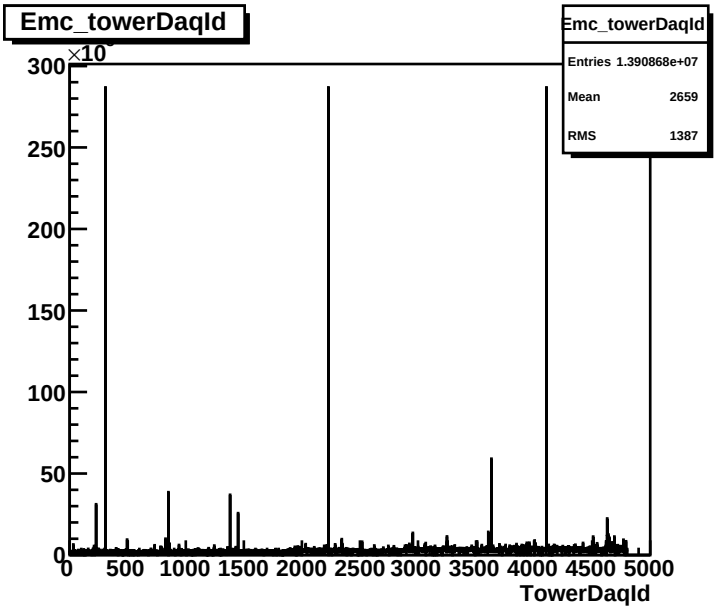

Lm_VertexX
Lm_VertexX
Entries 286816
Mean 0.2958
RMS 0.003086
LmVertexX

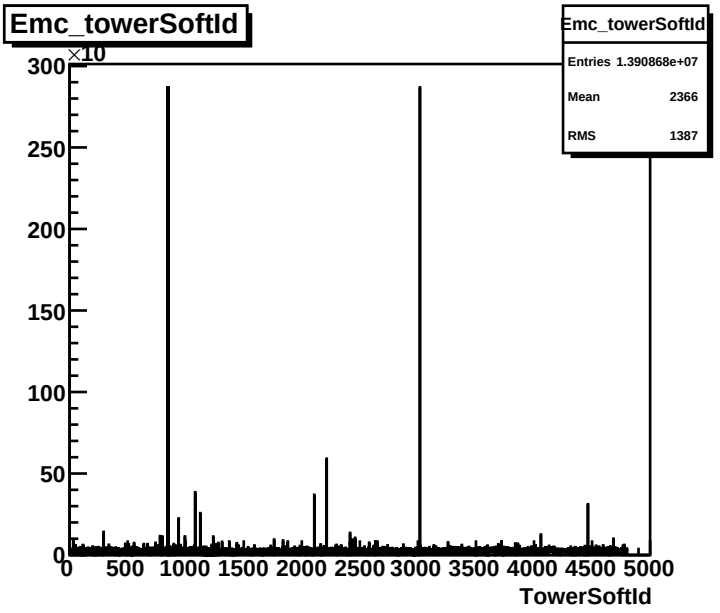

Lm_VertexY
Lm_VertexY
Entries 286816
Mean -0.06295
RMS 0.003425
LmVertexY

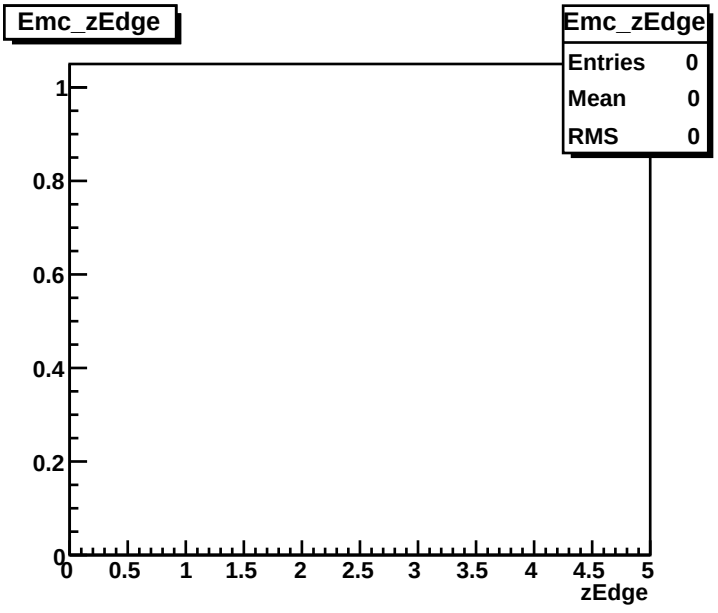

Lm_VertexZ
Lm_VertexZ
Entries 286816
Mean -0.949
RMS 66.17
LmVertexZ

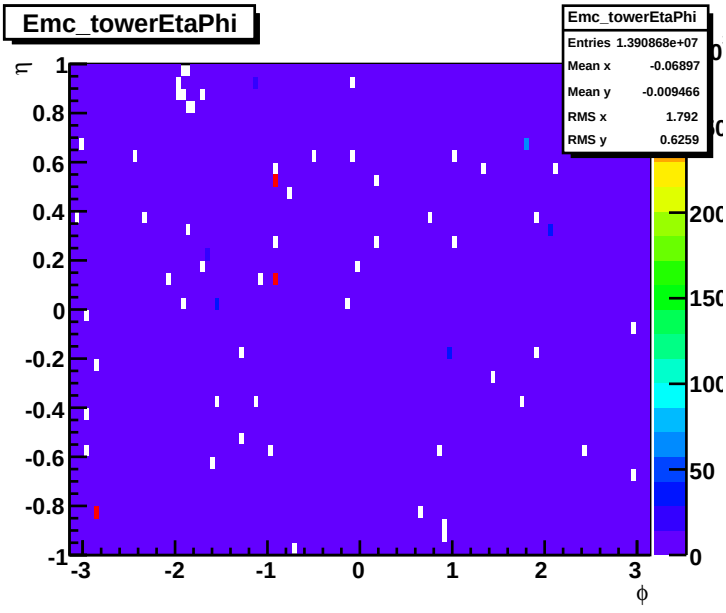

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

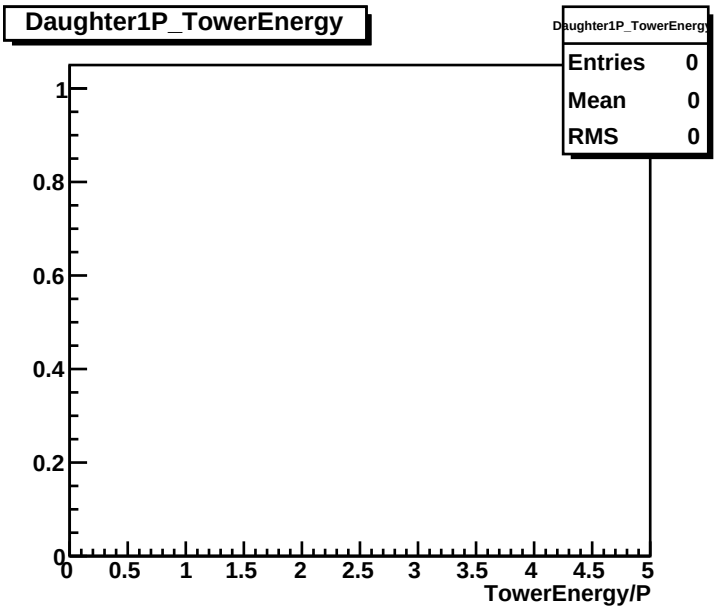

Emc_towerEnergy
Emc_towerEnergy
Entries 1.390868e+07
Mean 0.7627
RMS 0.3437
TowerEnergy

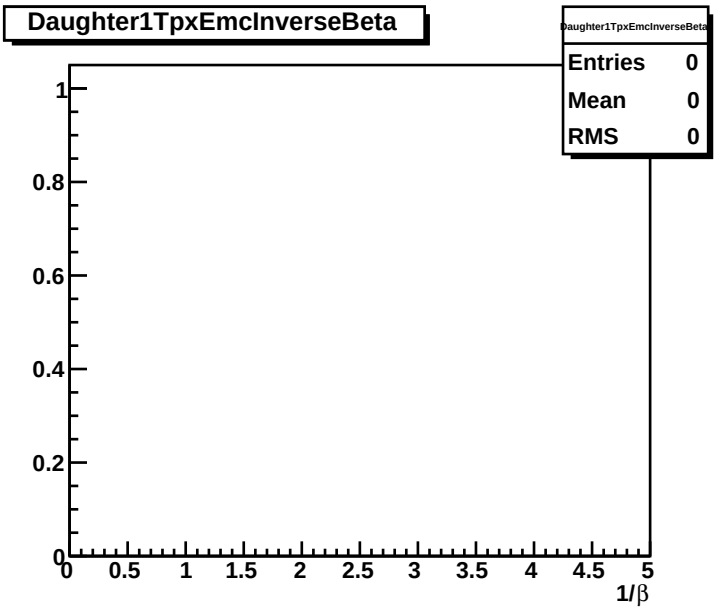

Emc_towerDaqId
Emc_towerDaqId
Entries 1.390868e+07
Mean 2659
RMS 1387
TowerDaqId

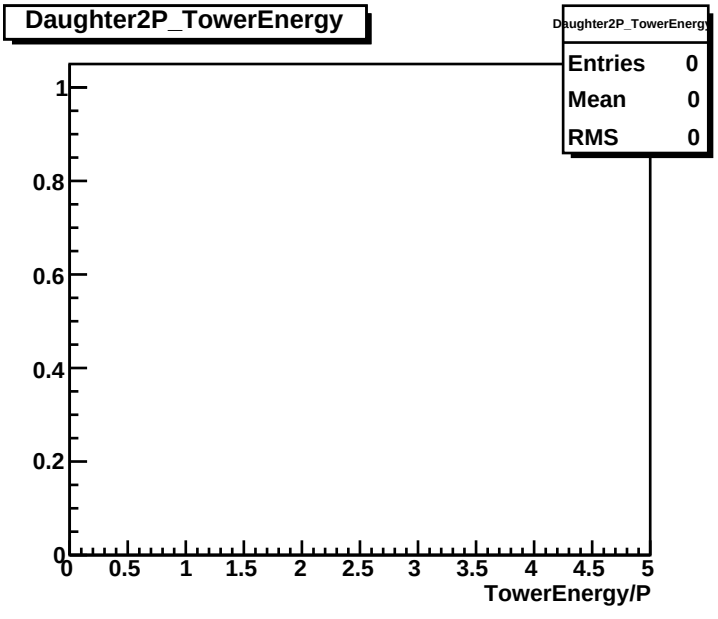

Emc_towerSoftId
Emc_towerSoftId
Entries 1.390868e+07
Mean 2366
RMS 1387
TowerSoftId

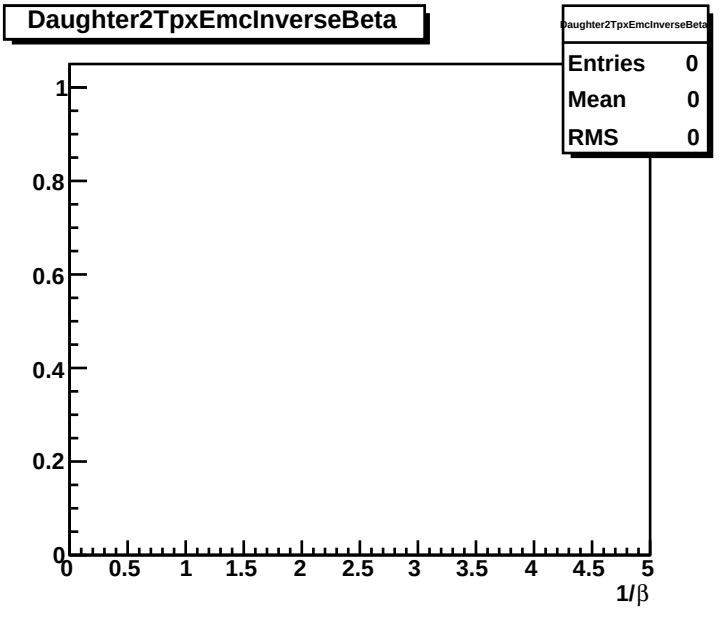

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

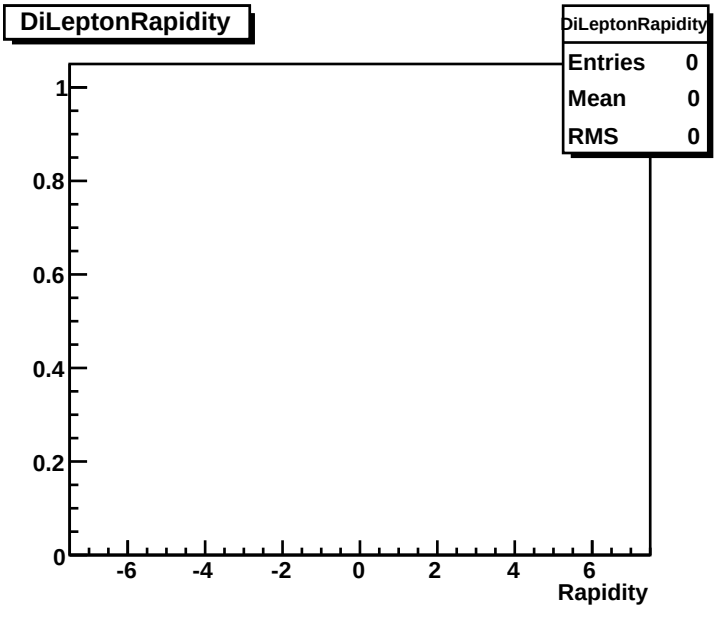

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 1.390868e+07
Mean x -0.06897
Mean y -0.009466
RMS x 1.792
RMS y 0.6259
η
ϕ

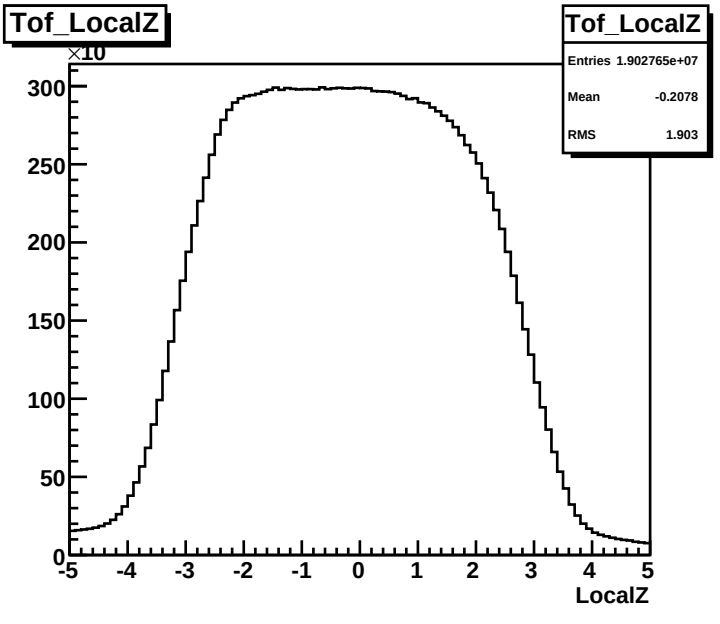

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

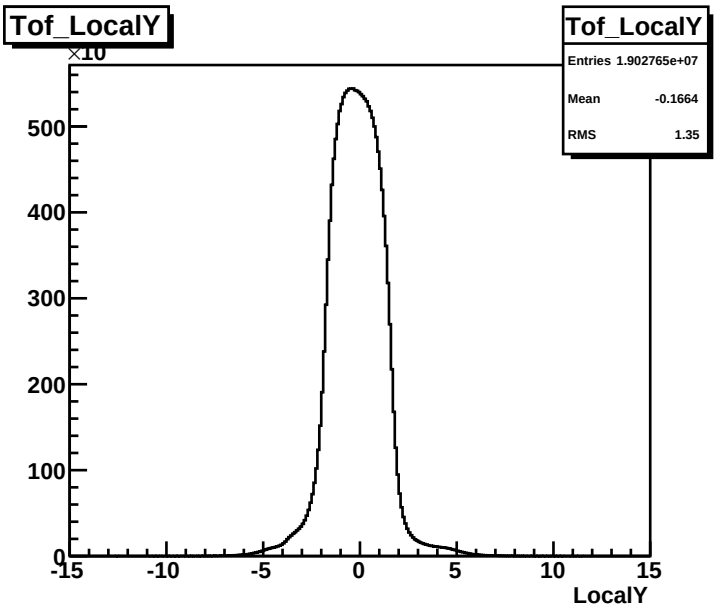

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

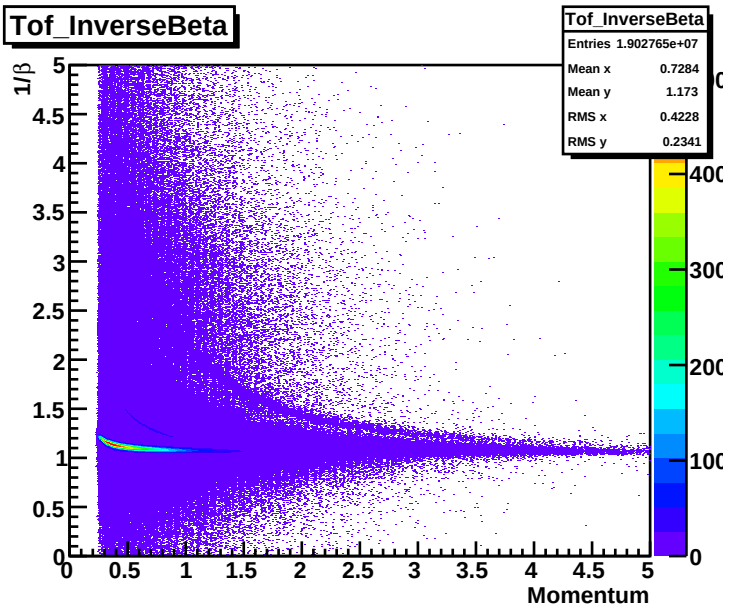

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

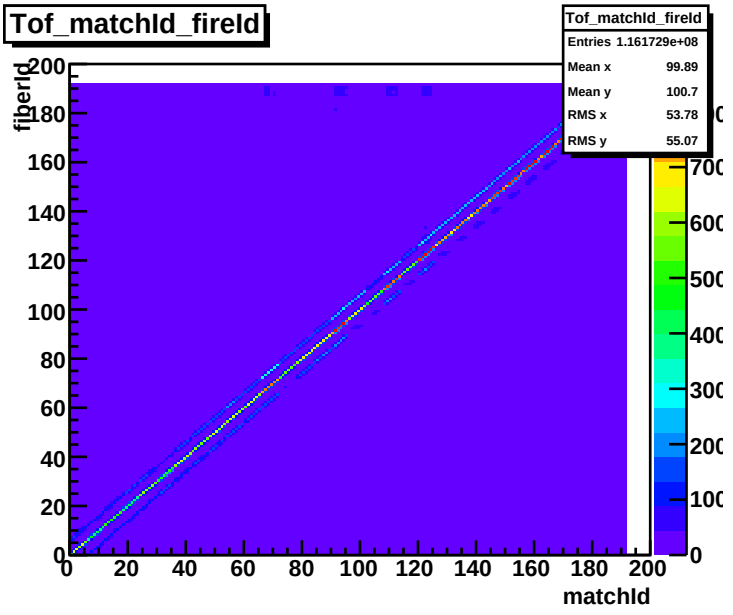

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

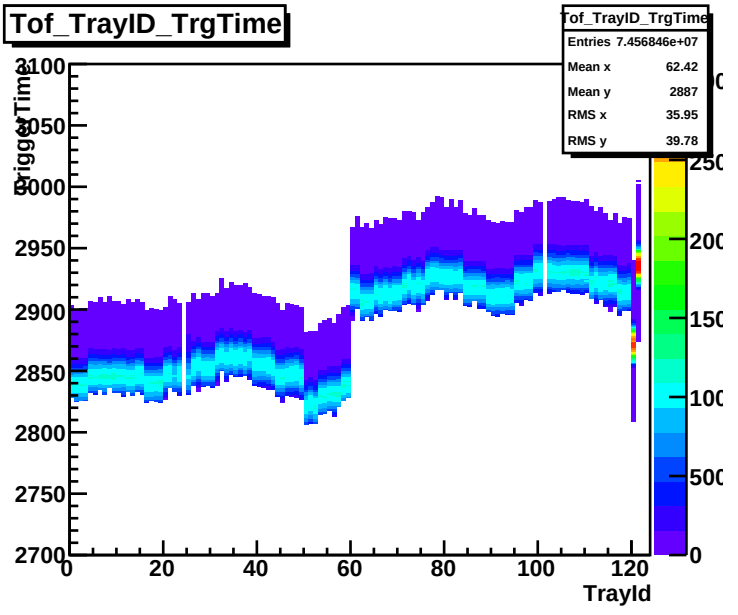

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

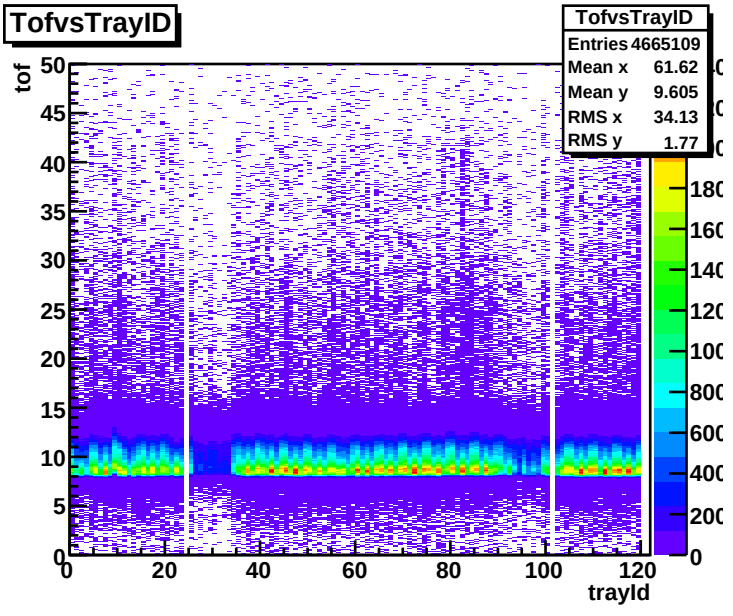

Tof_LocalZ
Tof_LocalZ
Entries 1.902765e+07
Mean -0.2078
RMS 1.903
×10
LocalZ

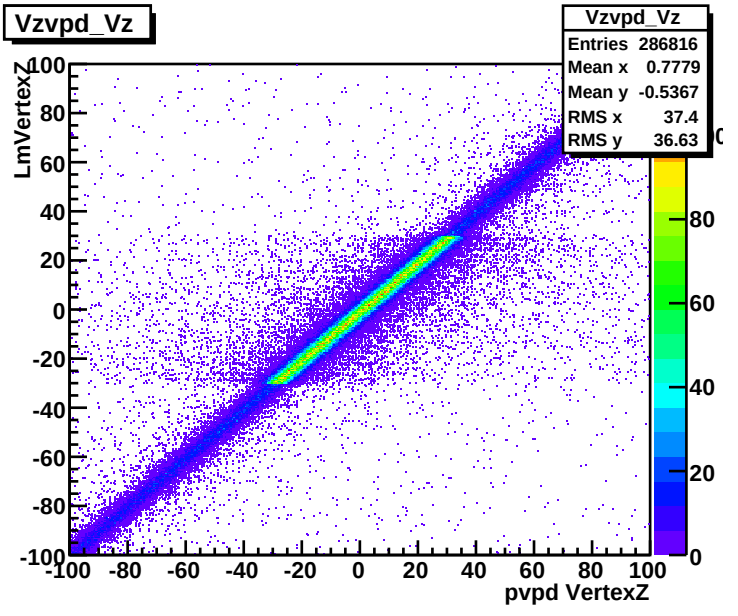

Tof_LocalY
Tof_LocalY
Entries 1.902765e+07
Mean -0.1664
RMS 1.35
×10
LocalY

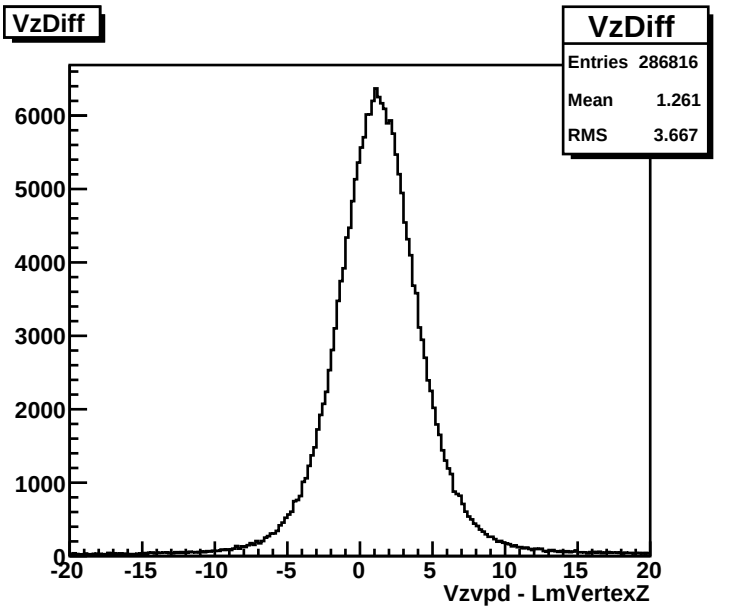

Tof_InverseBeta
Tof_InverseBeta
Entries 1.902765e+07
Mean x 0.7284
Mean y 1.173
RMS x 0.4228
RMS y 0.2341
1/β
Momentum

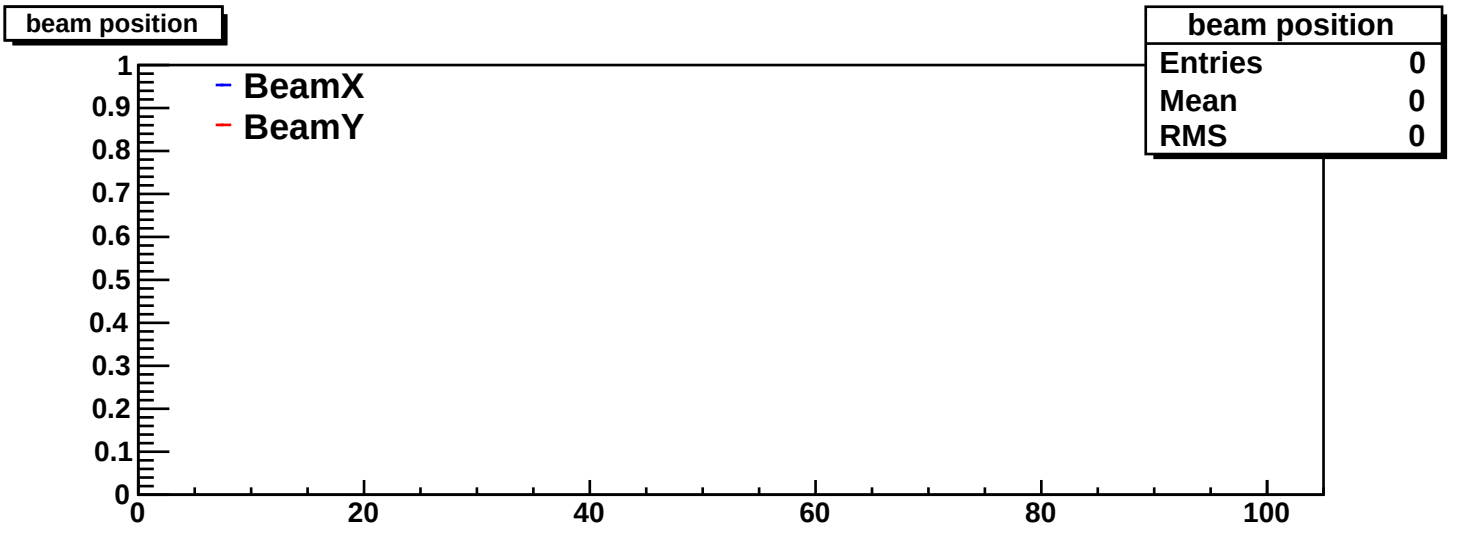

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1.161729e+08
Mean x 99.89
Mean y 100.7
RMS x 53.78
RMS y 55.07
fiberId
matchId

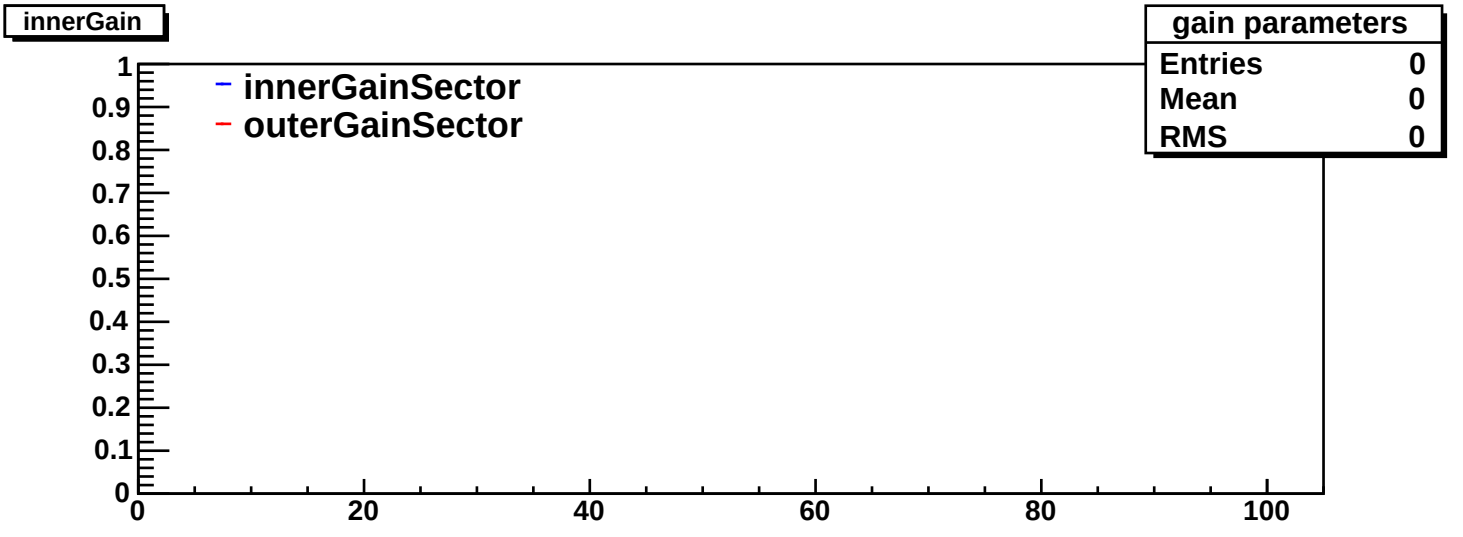

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 7.456846e+07
Mean x 62.42
Mean y 2887
RMS x 35.95
RMS y 39.78
TriggerTime
TrayId

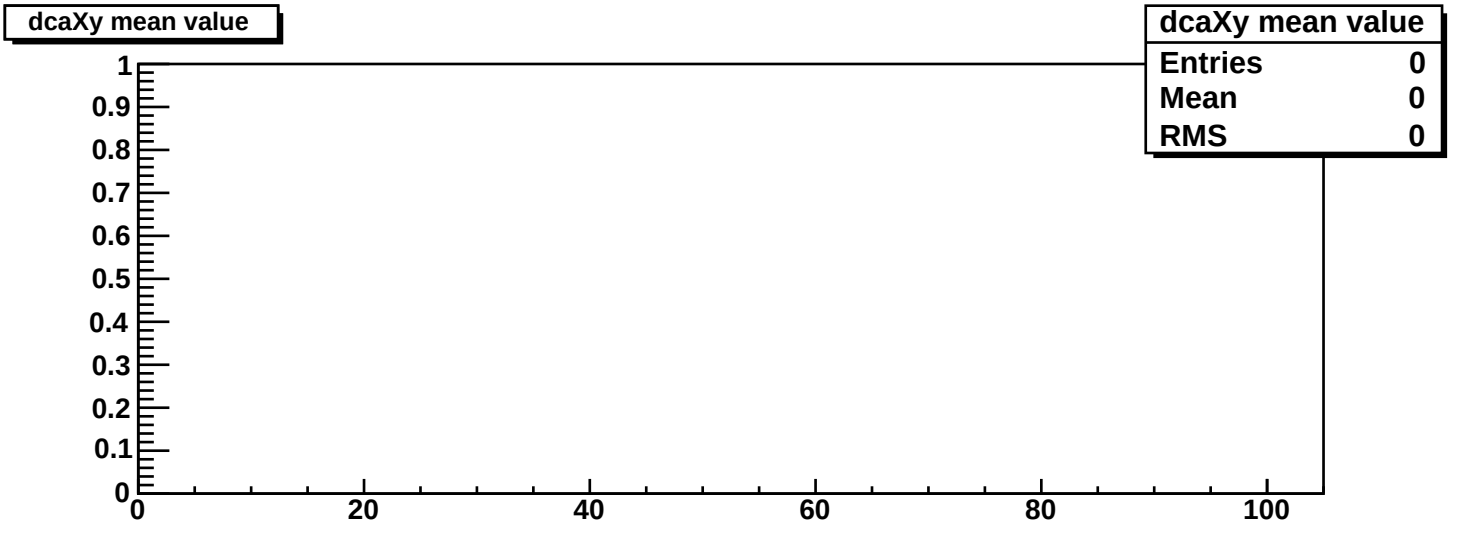

TofvsTrayID
TofvsTrayID
Entries 4665109
Mean x 61.62
Mean y 9.605
RMS x 34.13
RMS y 1.77
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 286816
Mean x 0.7779
Mean y -0.5367
RMS x 37.4
RMS y 36.63
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 286816
Mean 1.261
RMS 3.667
6000
5000
4000
3000
2000
1000
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
BeamX
BeamY
beam position
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100


innerGain
innerGainSector
outerGainSector
gain parameters
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100


dcaXy mean value
dcaXy mean value
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100