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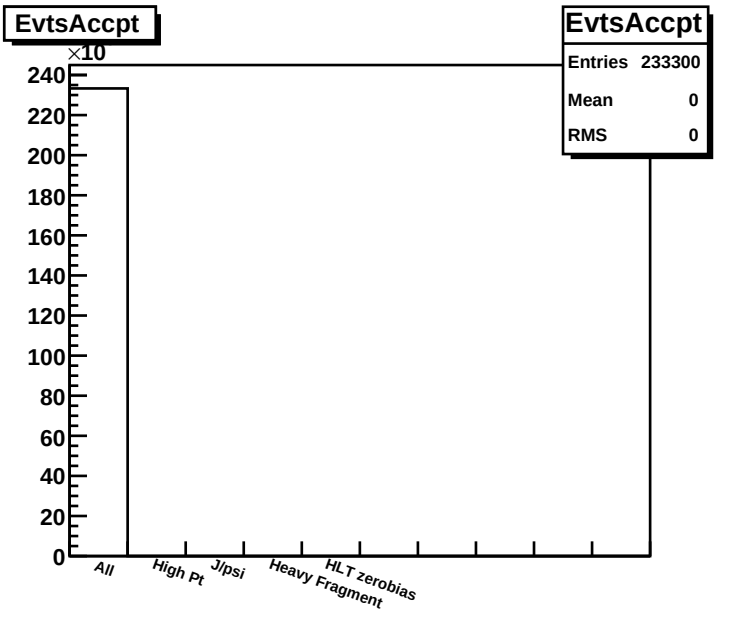
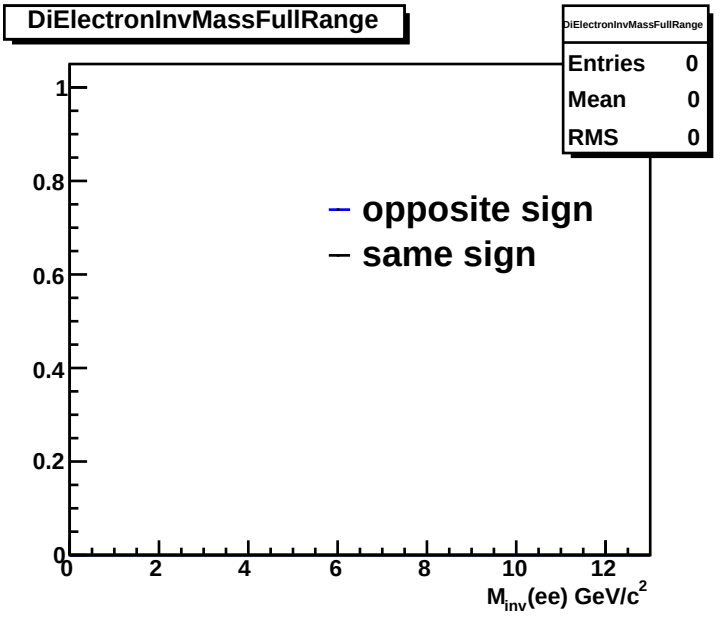
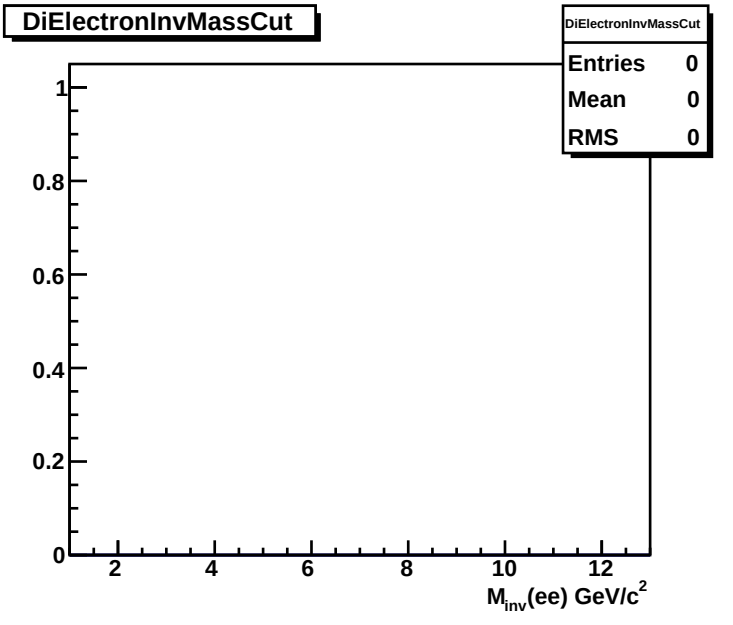
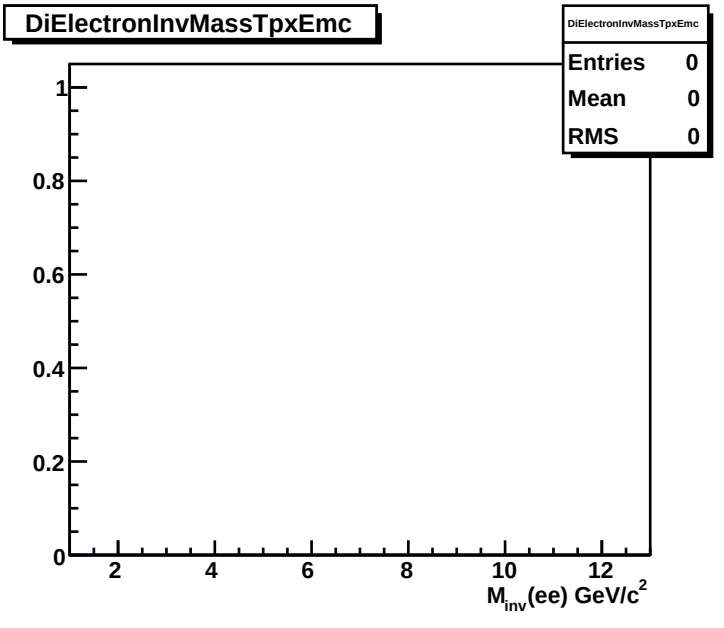
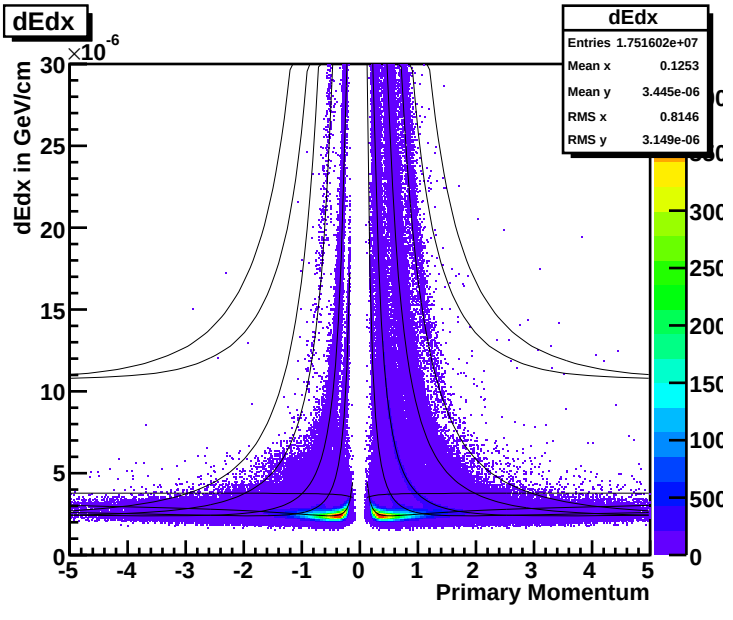
Tue Jun 28 22:46:57 2011

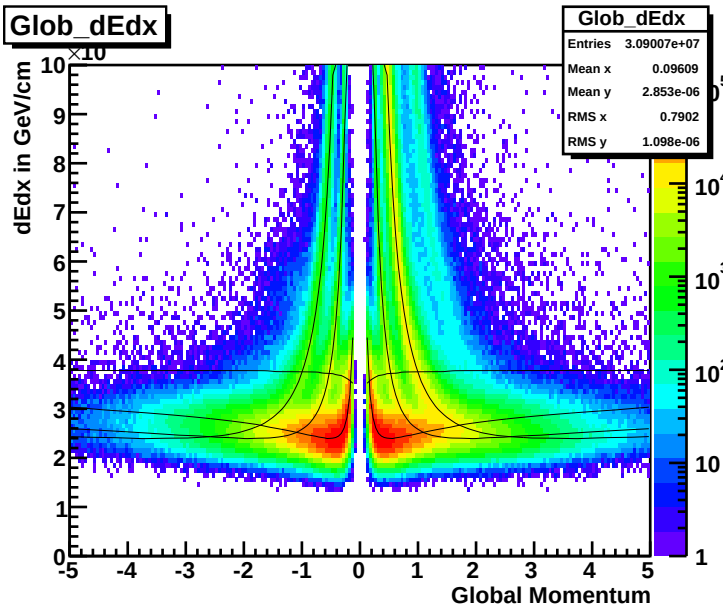


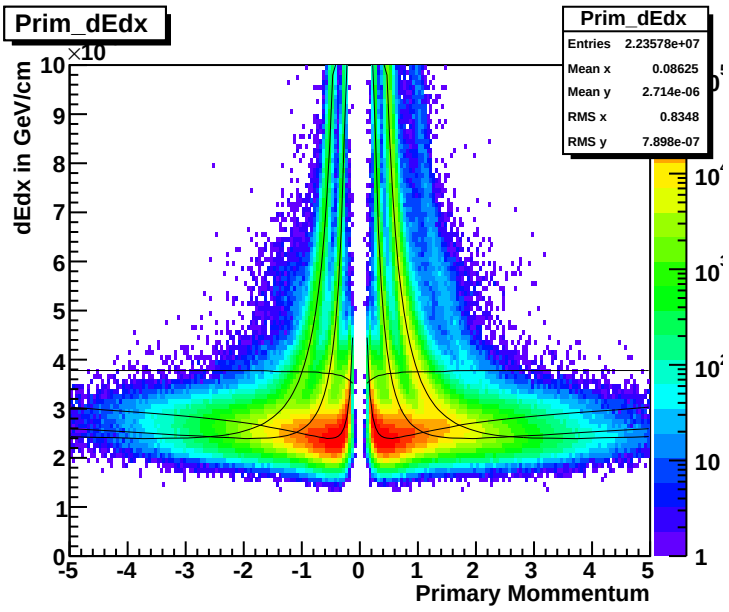


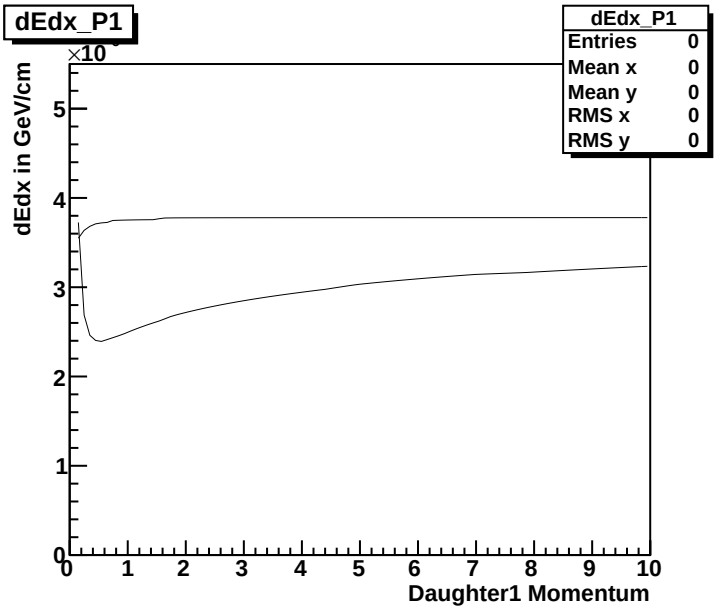


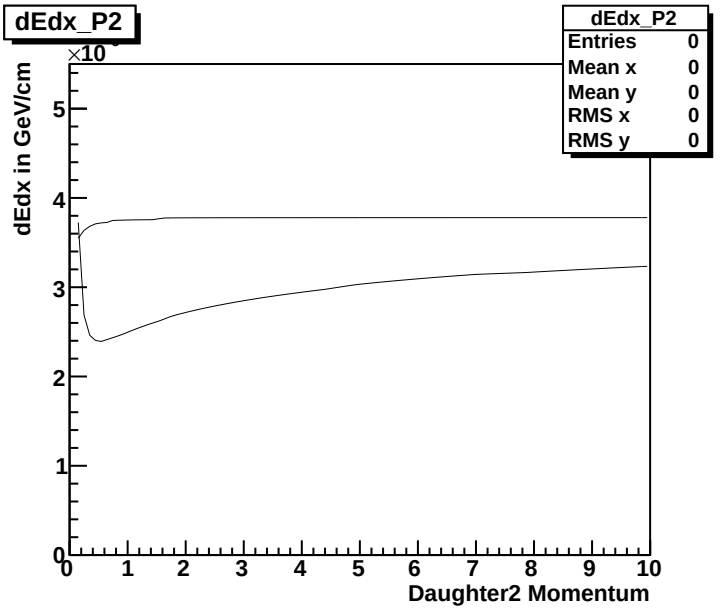


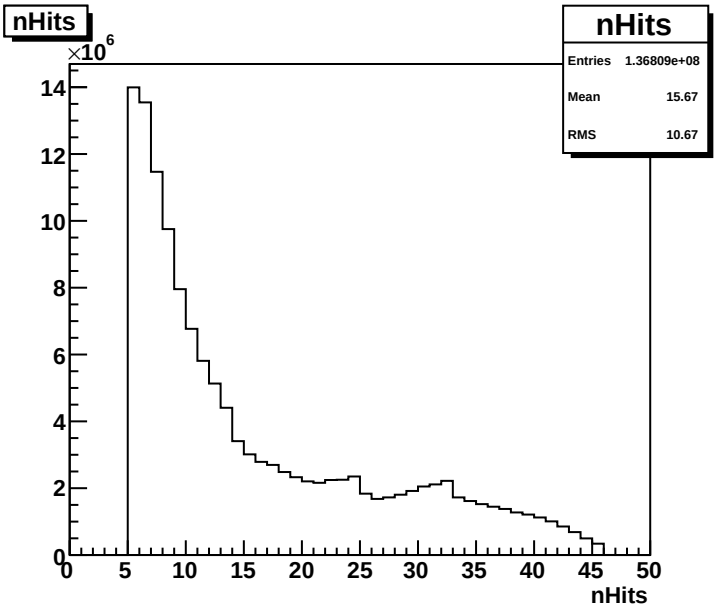


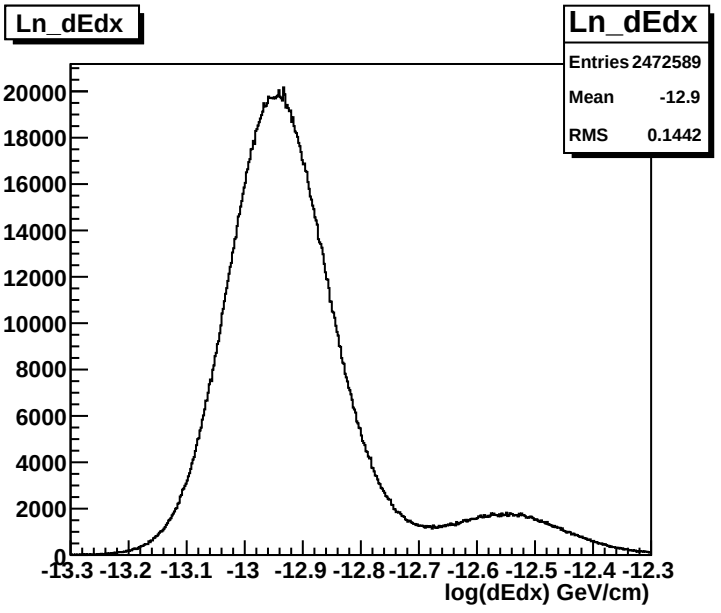

Glob_dEdx
Glob_dEdx
Entries 3.09007e+07
Mean x 0.09609
Mean y 2.853e-06
RMS x 0.7902
RMS y 1.098e-06
dEdx in GeV/cm
Global Momentum

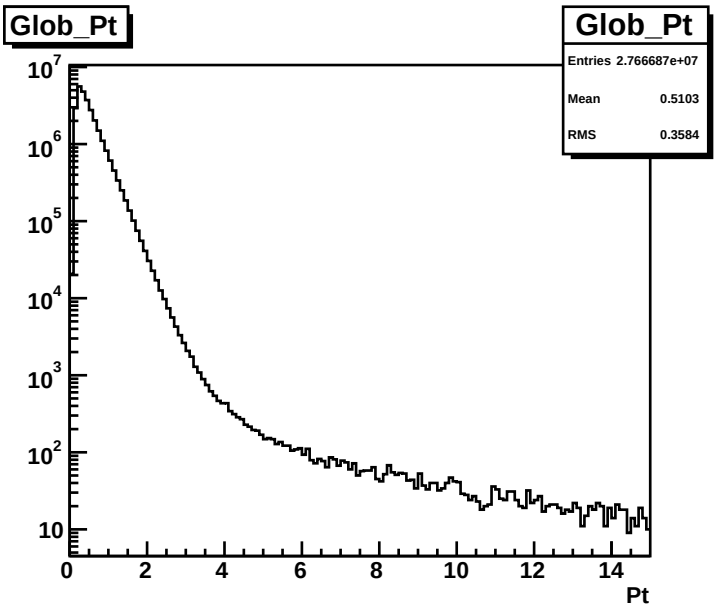

Prim_dEdx
Prim_dEdx
Entries 2.23578e+07
Mean x 0.08625
Mean y 2.714e-06
RMS x 0.8348
RMS y 7.898e-07
dEdx in GeV/cm
Primary Mommentum

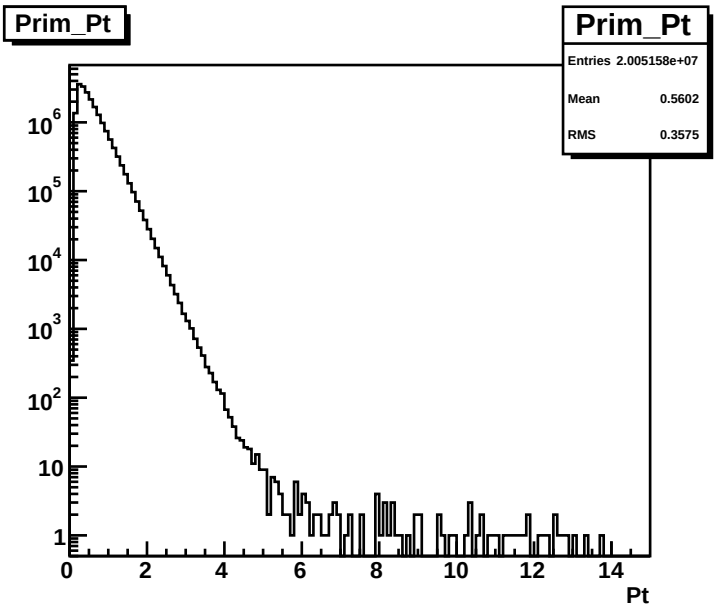

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

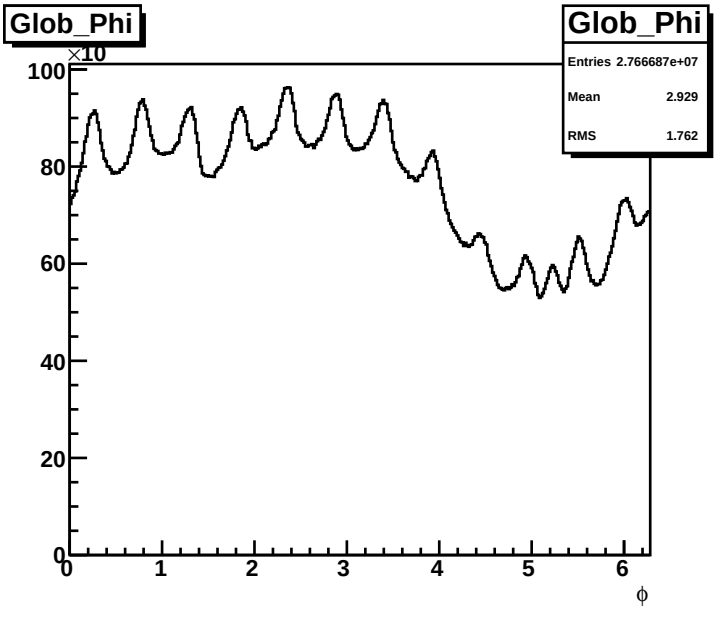

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

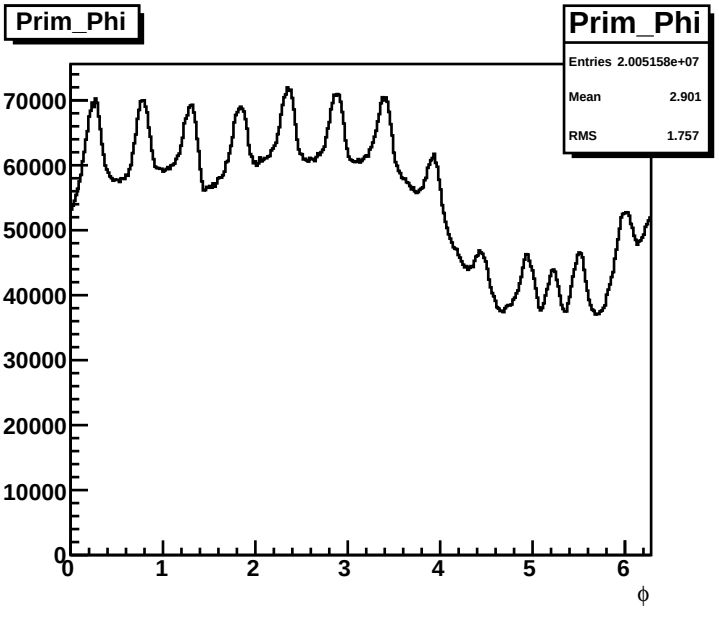

nHits
nHits
Entries 1.36809e+08
Mean 15.67
RMS 10.67
nHits

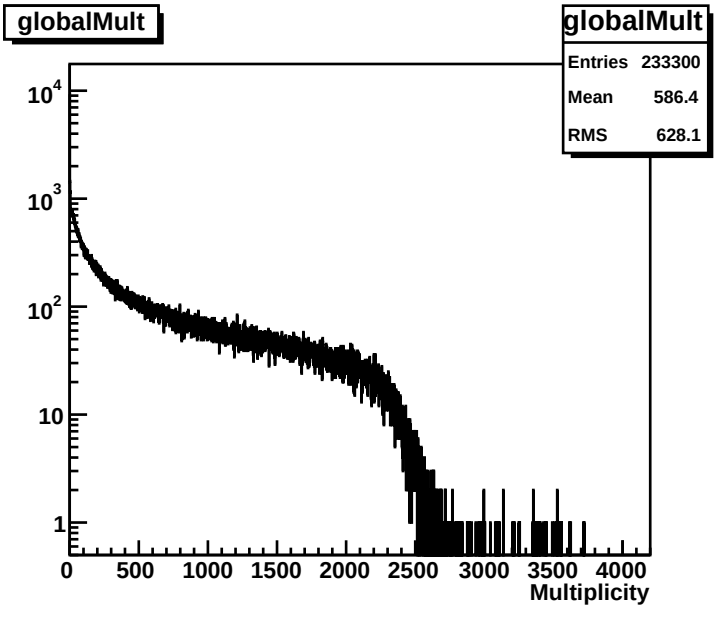

Ln_dEdx
Ln_dEdx
Entries 2472589
Mean -12.9
RMS 0.1442
log(dEdx) GeV/cm)

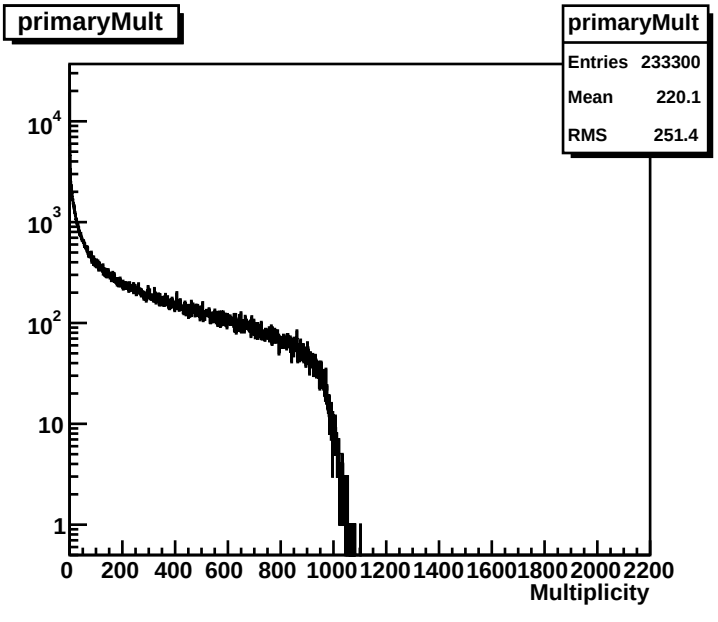

Glob_Pt
Glob_Pt
Entries 2.766687e+07
Mean 0.5103
RMS 0.3584
Pt

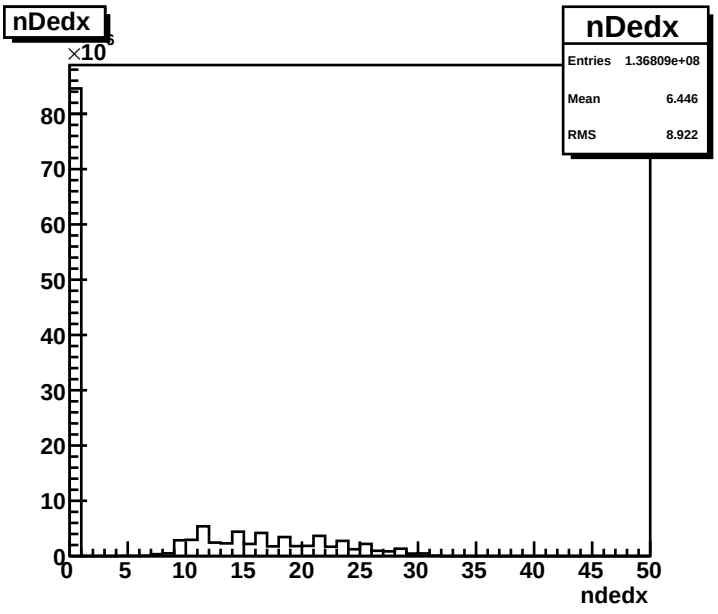

Prim_Pt
Prim_Pt
Entries 2.005158e+07
Mean 0.5602
RMS 0.3575
Pt

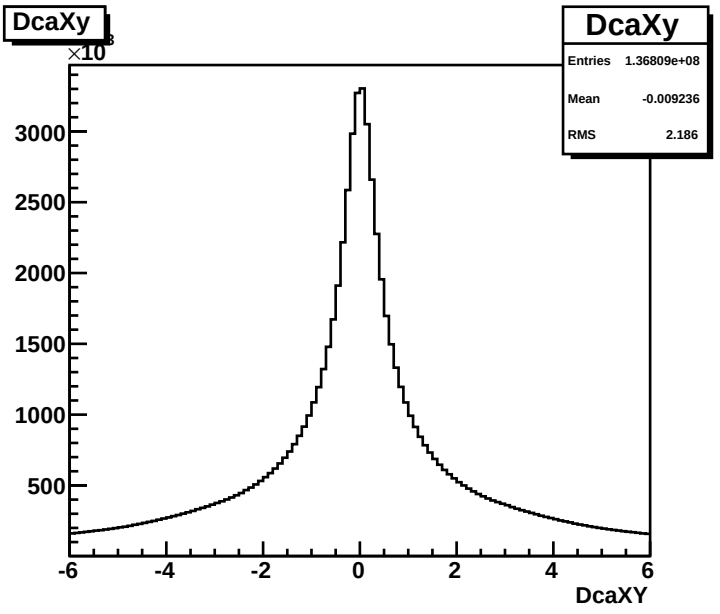

Glob_Phi
Glob_Phi
Entries 2.766687e+07
Mean 2.929
RMS 1.762
×10
ϕ

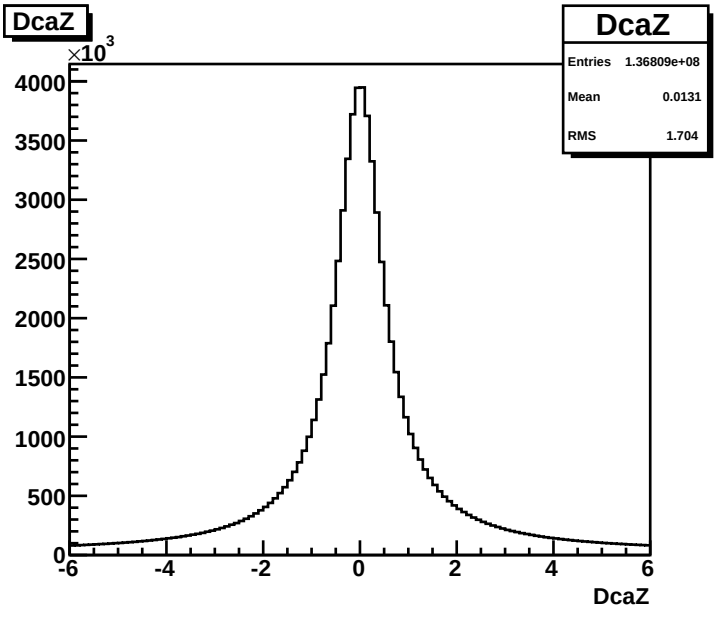

Prim_Phi
Prim_Phi
Entries 2.005158e+07
Mean 2.901
RMS 1.757
ϕ

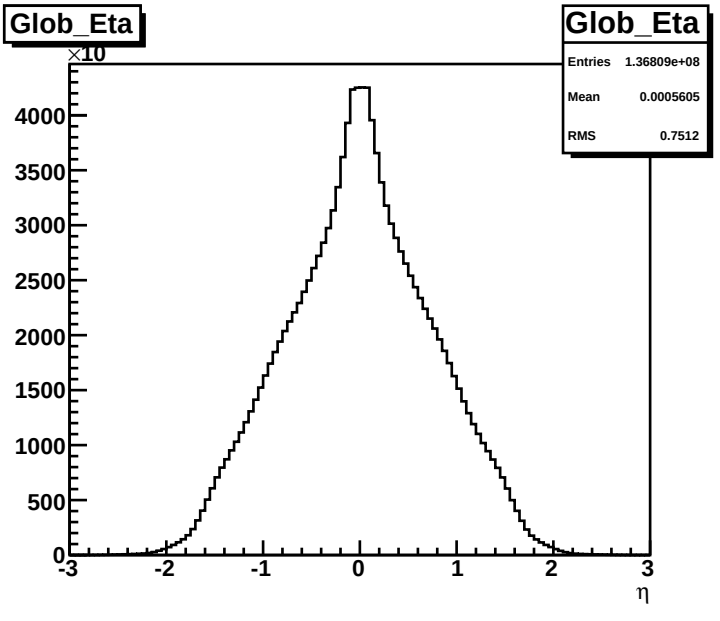

globalMult
globalMult
Entries 233300
Mean 586.4
RMS 628.1
Multiplicity

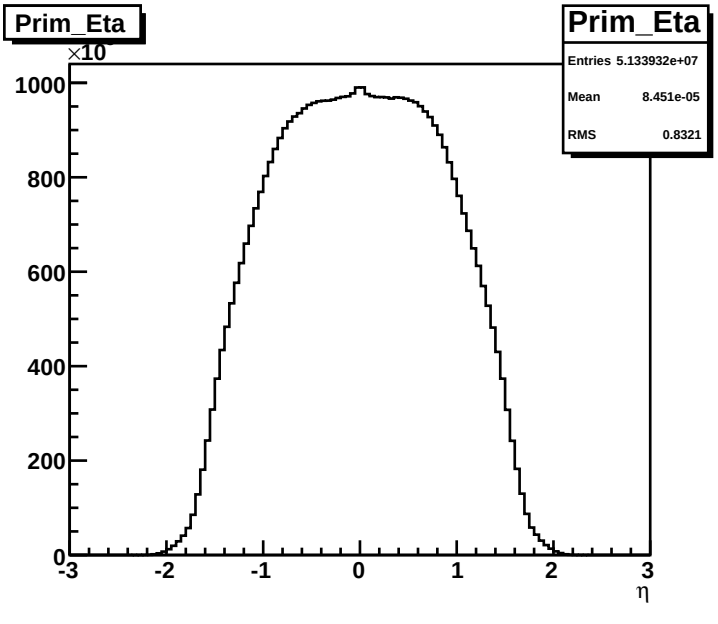

primaryMult
primaryMult
Entries 233300
Mean 220.1
RMS 251.4
Multiplicity

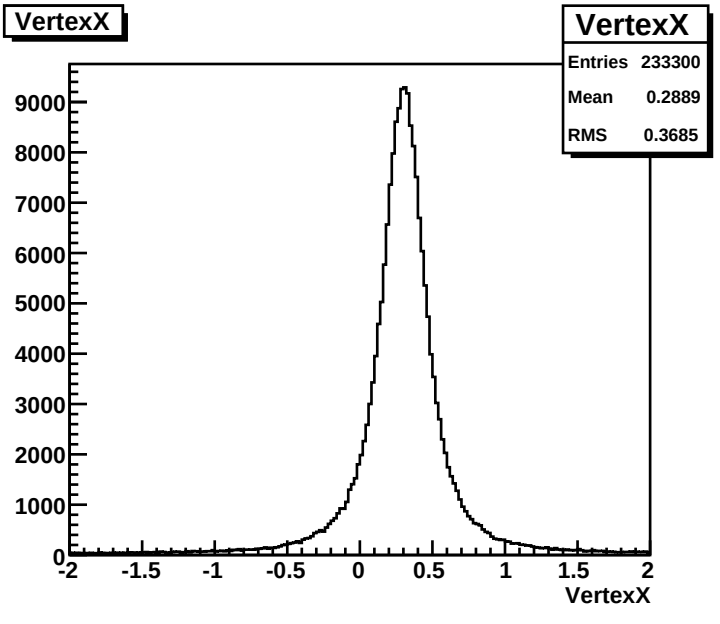

nDedx
nDedx
Entries 1.36809e+08
Mean 6.446
RMS 8.922
ndedx

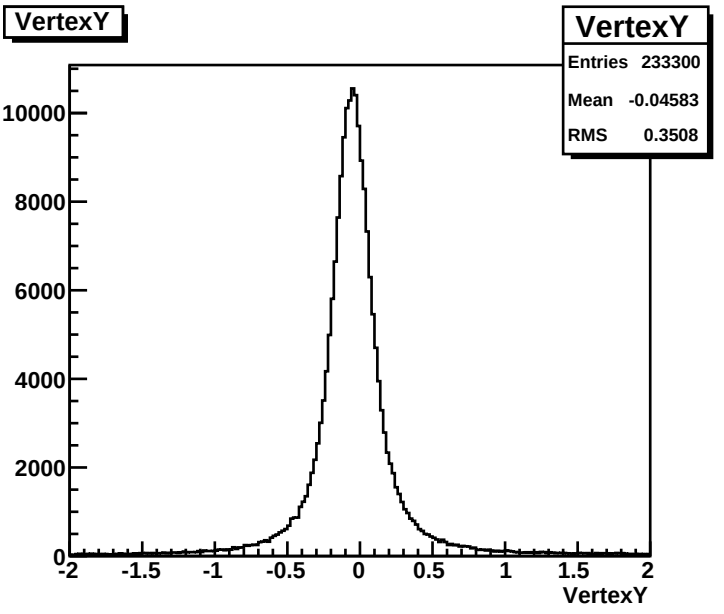

DcaXy
DcaXy
Entries 1.36809e+08
Mean -0.009236
RMS 2.186
DcaXY

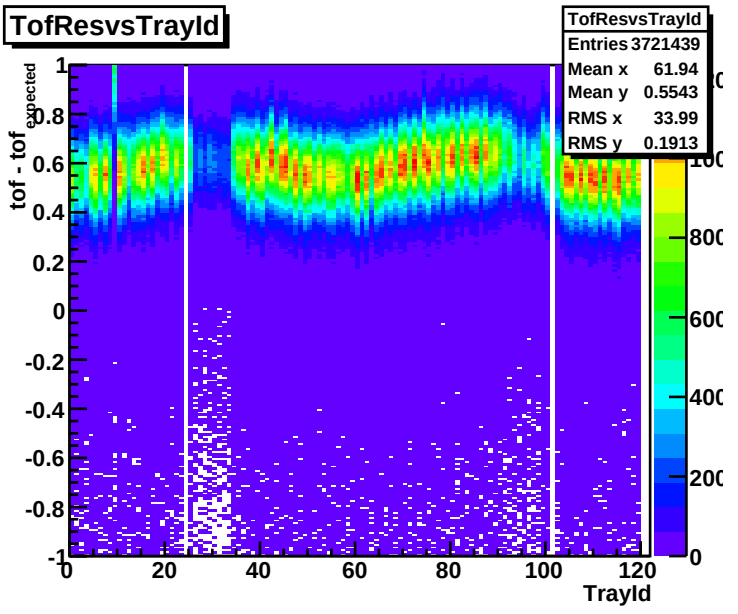

DcaZ
DcaZ
Entries 1.36809e+08
Mean 0.0131
RMS 1.704
DcaZ

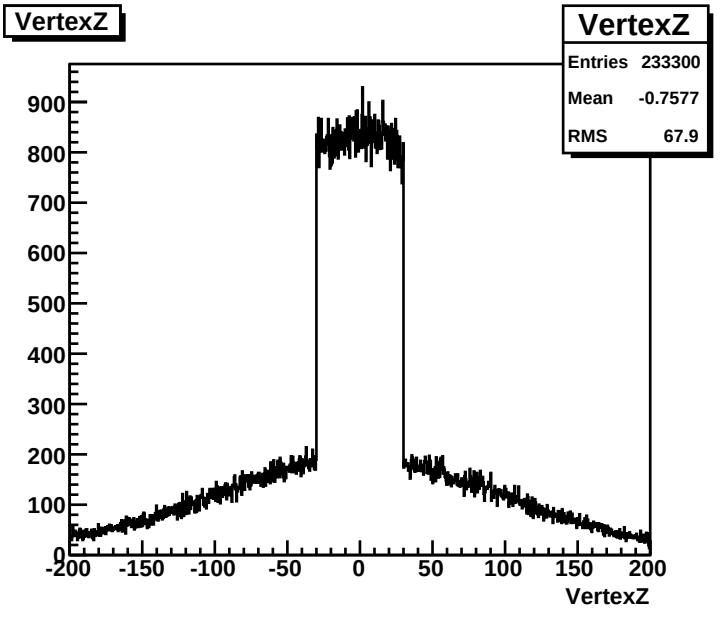

Glob_Eta
Glob_Eta
Entries 1.36809e+08
Mean 0.0005605
RMS 0.7512
η

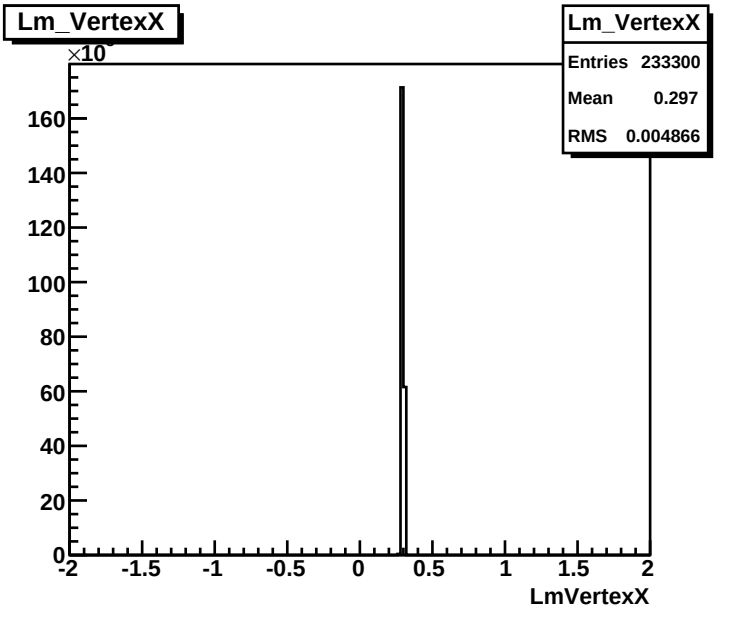

Prim_Eta
Prim_Eta
Entries 5.133932e+07
Mean 8.451e-05
RMS 0.8321
η

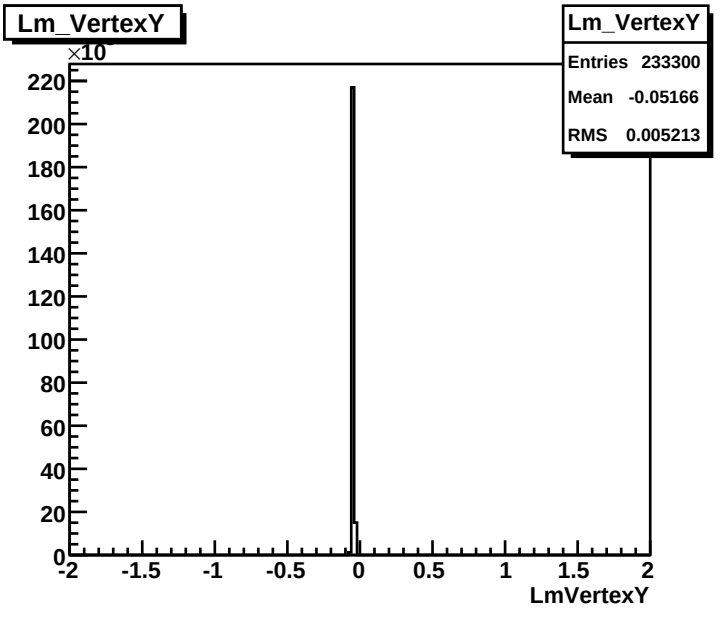

VertexX
VertexX
Entries 233300
Mean 0.2889
RMS 0.3685
VertexX

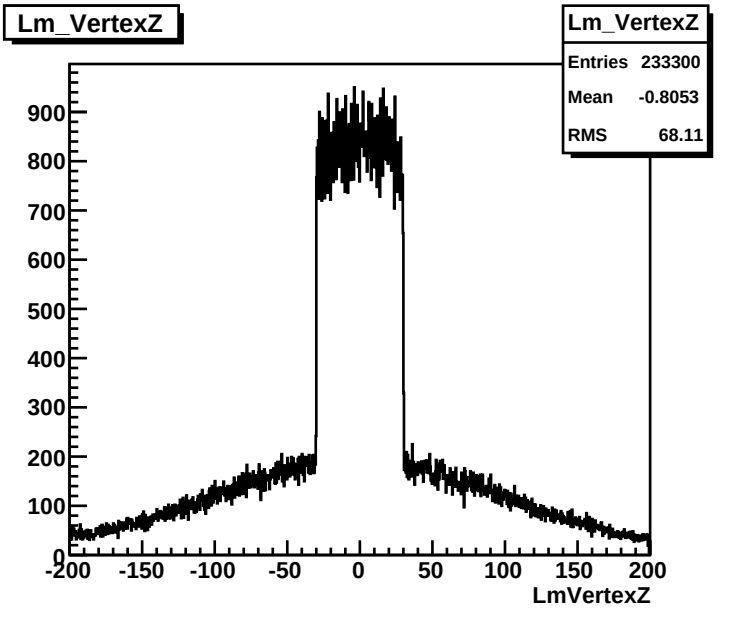

VertexY
VertexY
Entries 233300
Mean -0.04583
RMS 0.3508
VertexY

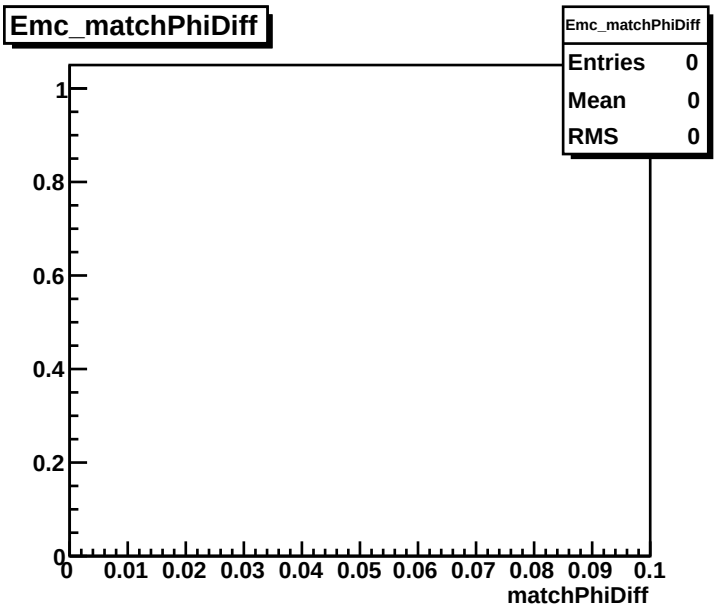

TofResvsTrayId
TofResvsTrayId
Entries 3721439
Mean x 61.94
Mean y 0.5543
RMS x 33.99
RMS y 0.1913
tof - tof expected
TrayId

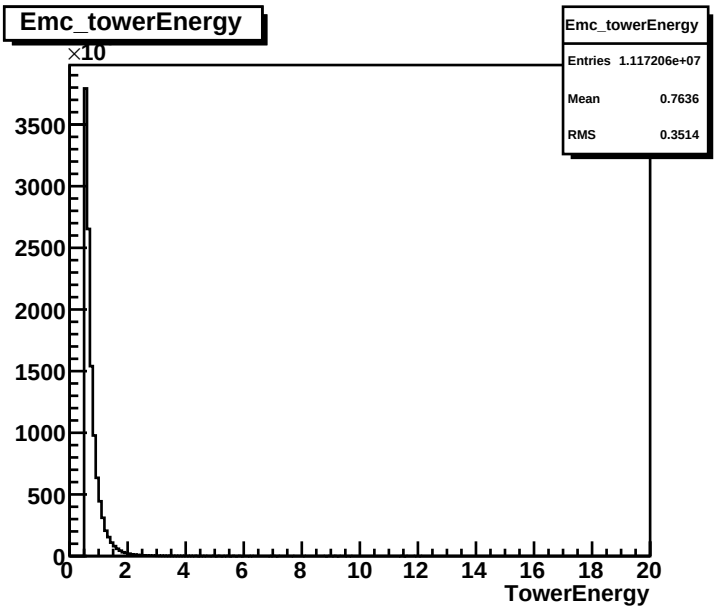

VertexZ
VertexZ
Entries 233300
Mean -0.7577
RMS 67.9
VertexZ

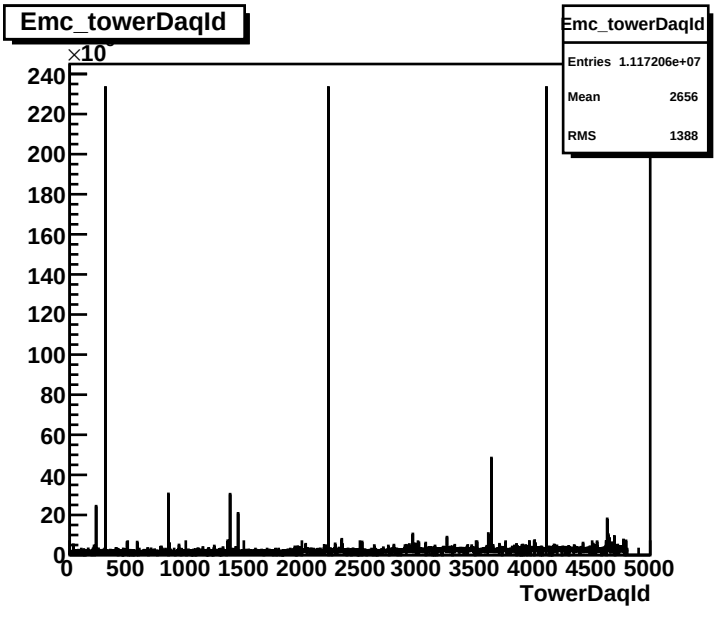

Lm_VertexX
Lm_VertexX
Entries 233300
Mean 0.297
RMS 0.004866
LmVertexX

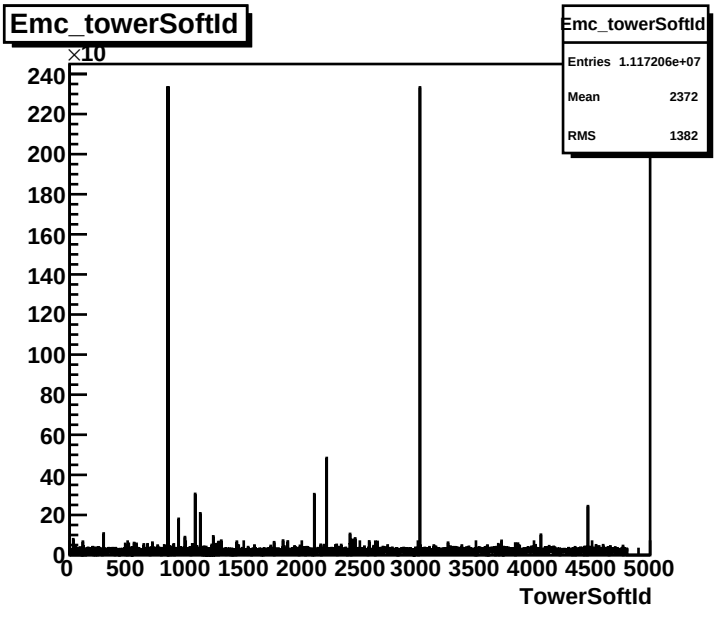

Lm_VertexY
Lm_VertexY
Entries 233300
Mean -0.05166
RMS 0.005213
LmVertexY

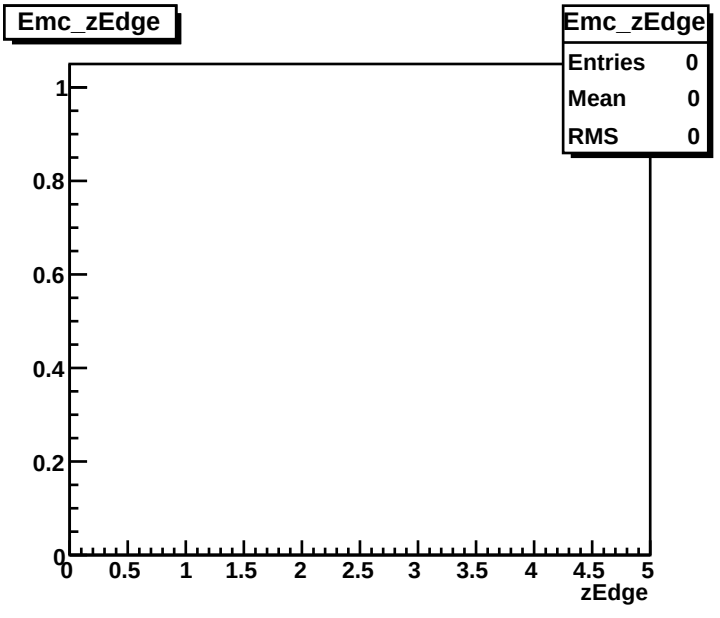

Lm_VertexZ
Lm_VertexZ
Entries 233300
Mean -0.8053
RMS 68.11
LmVertexZ

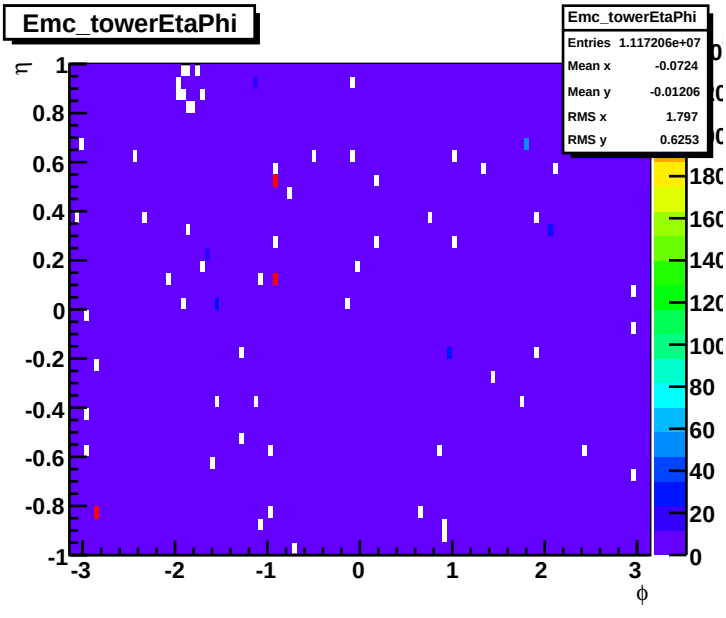

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

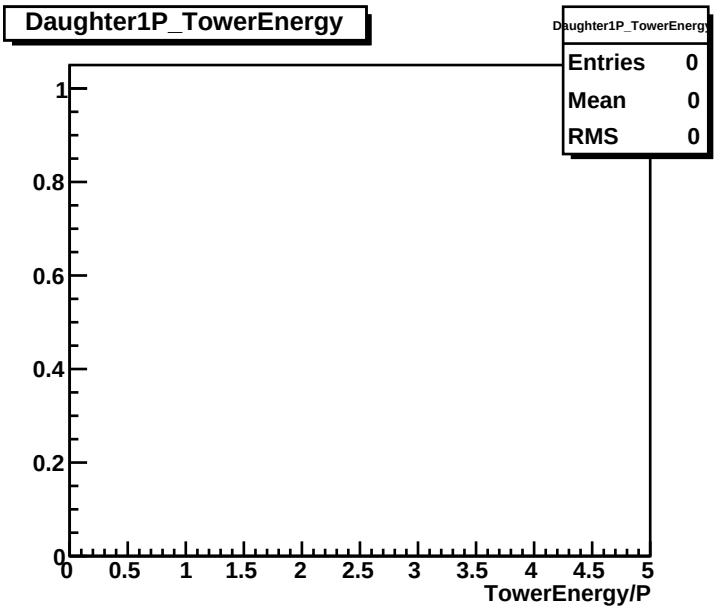

Emc_towerEnergy
Emc_towerEnergy
Entries 1.117206e+07
Mean 0.7636
RMS 0.3514
TowerEnergy

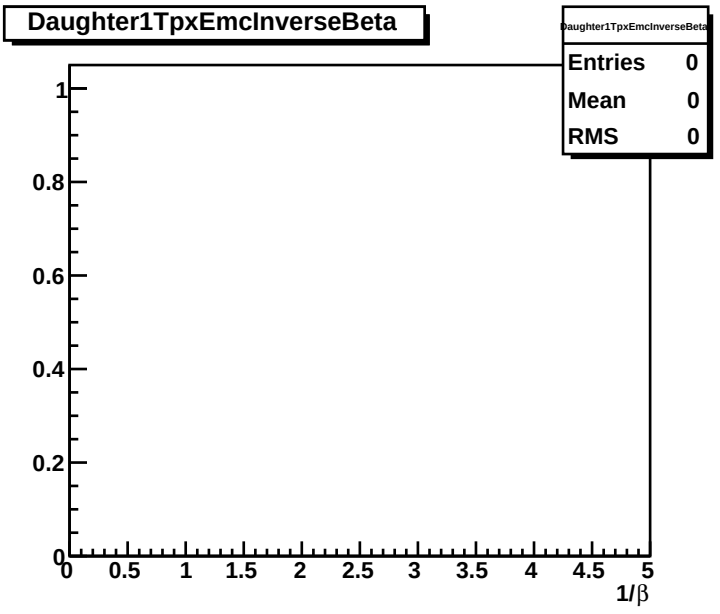

Emc_towerDaqId
Emc_towerDaqId
Entries 1.117206e+07
Mean 2656
RMS 1388
TowerDaqId

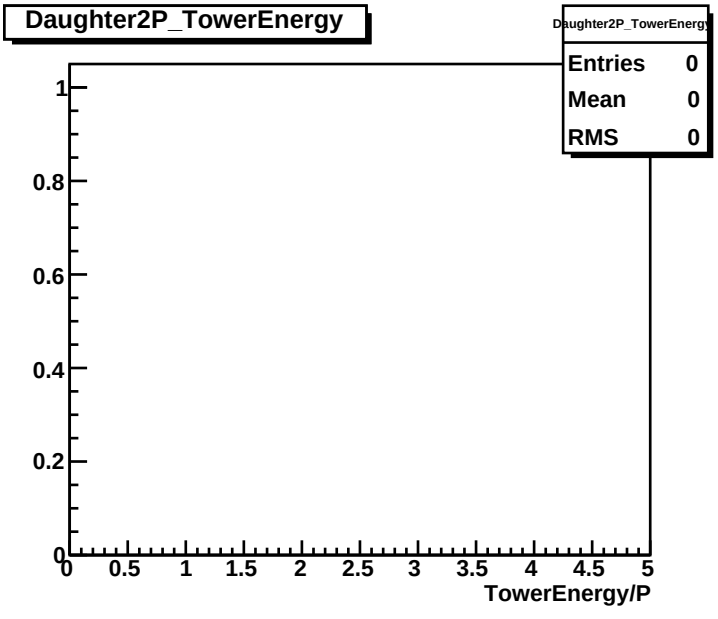

Emc_towerSoftId
Emc_towerSoftId
Entries 1.117206e+07
Mean 2372
RMS 1382
TowerSoftId

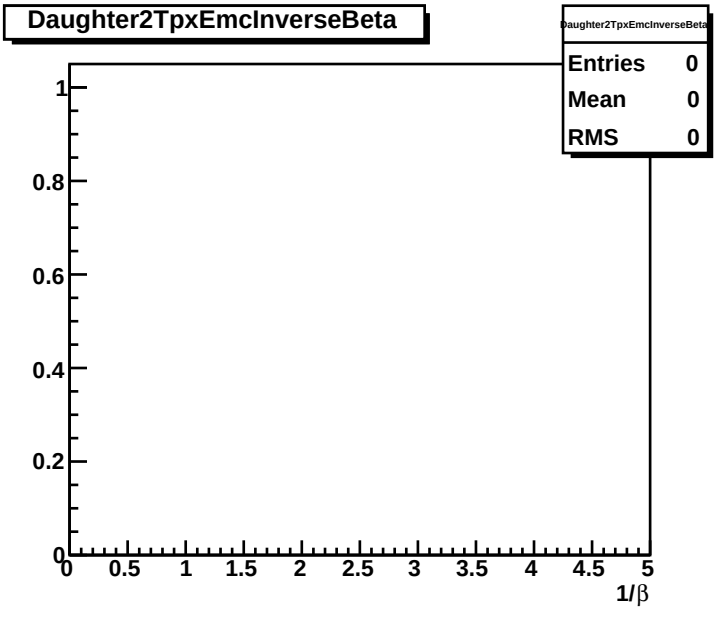

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

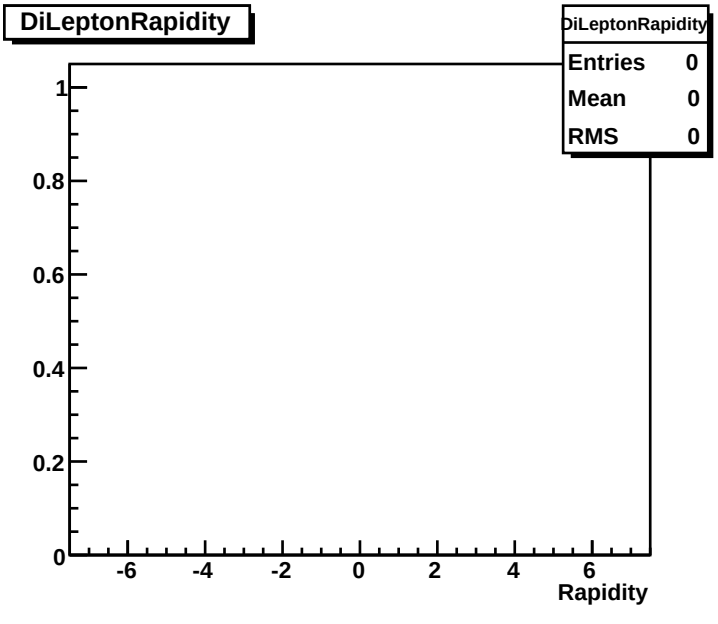

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 1.117206e+07
Mean x -0.0724
Mean y -0.01206
RMS x 1.797
RMS y 0.6253
η
ϕ

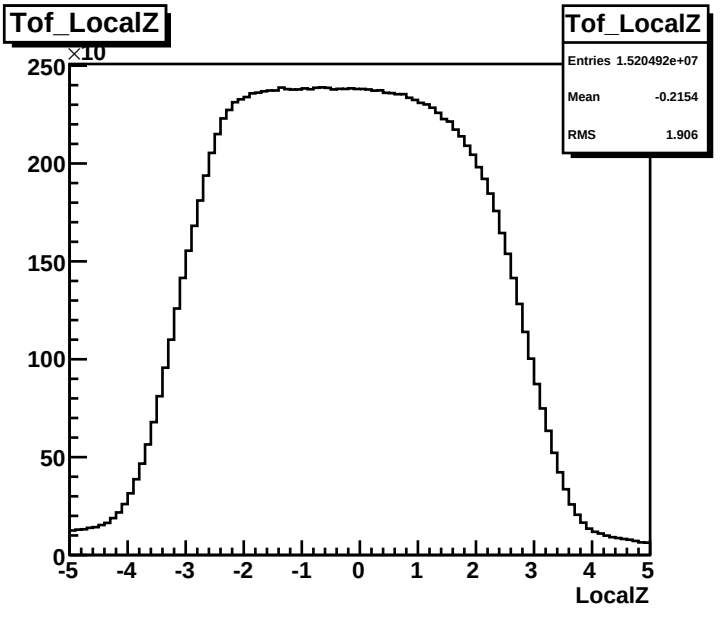

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

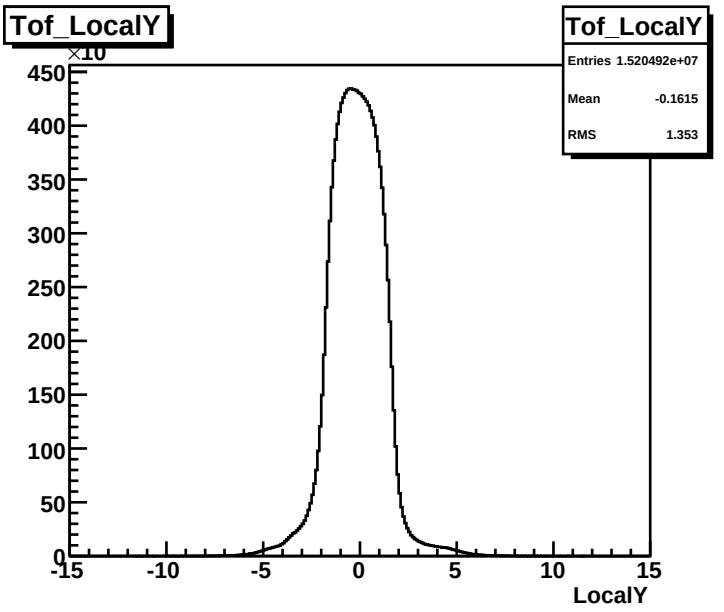

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

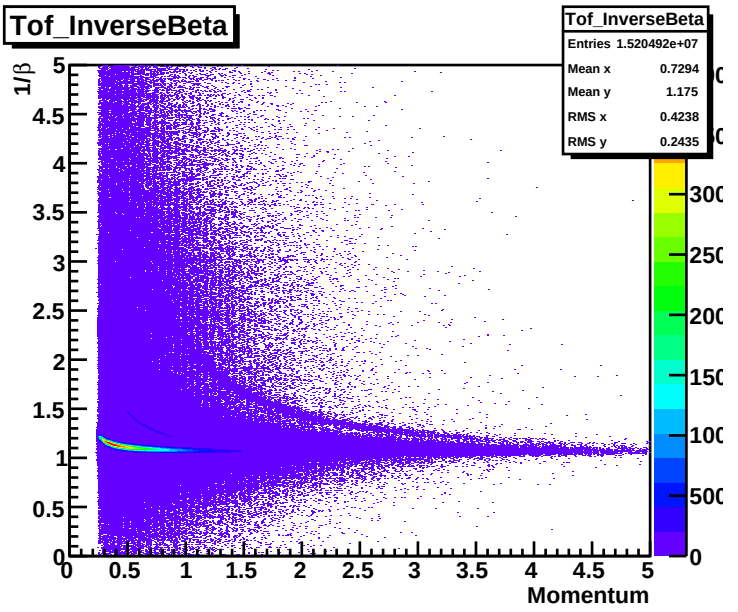

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

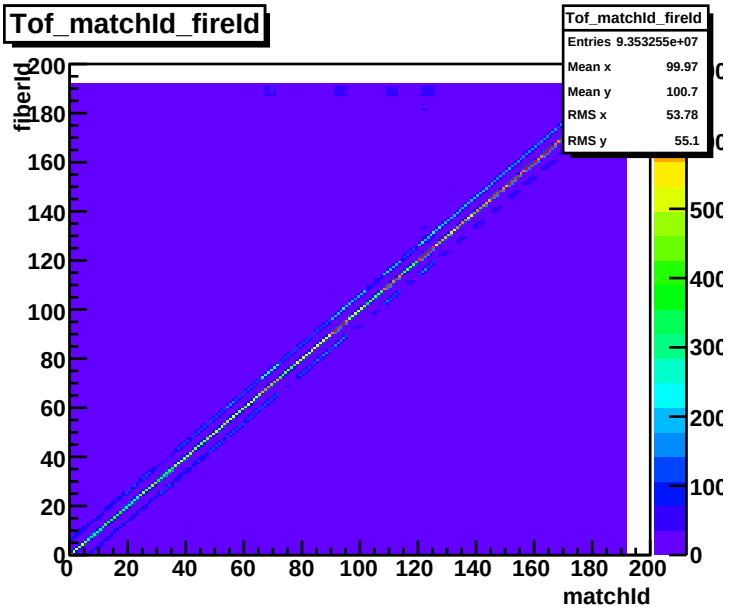

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

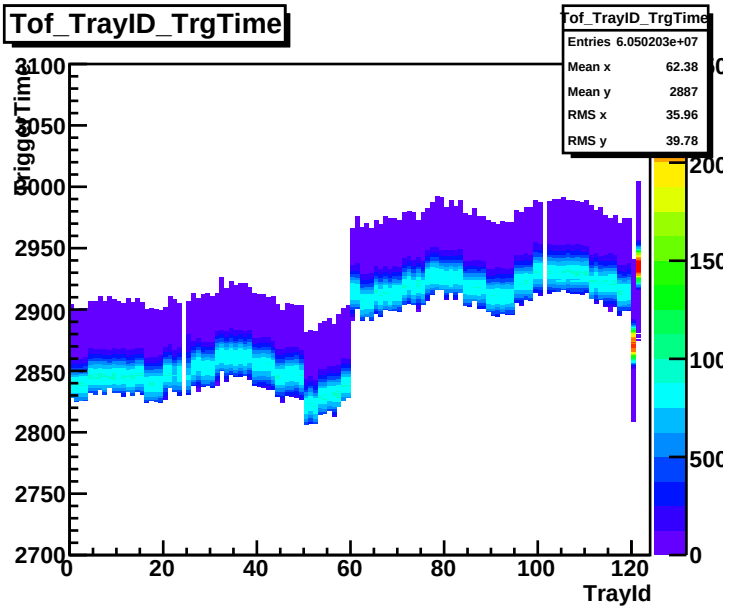

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

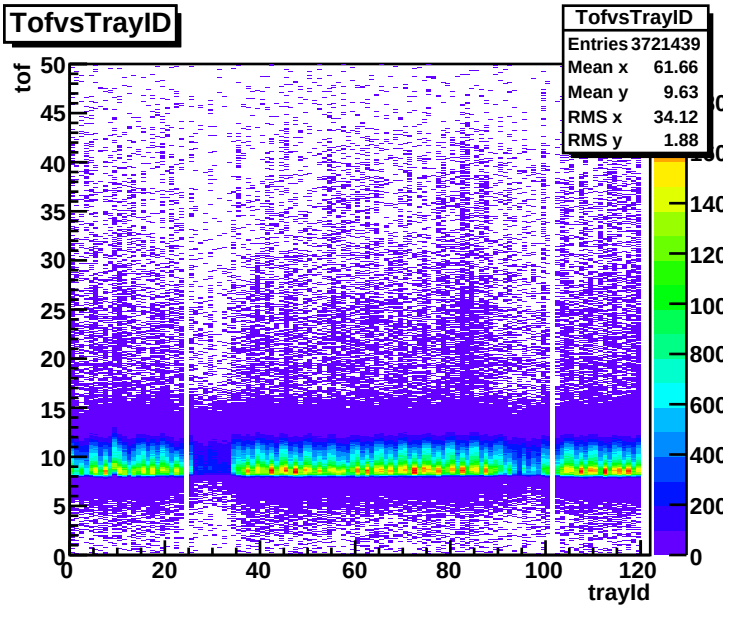

Tof_LocalZ
Tof_LocalZ
Entries 1.520492e+07
Mean -0.2154
RMS 1.906
×10
LocalZ

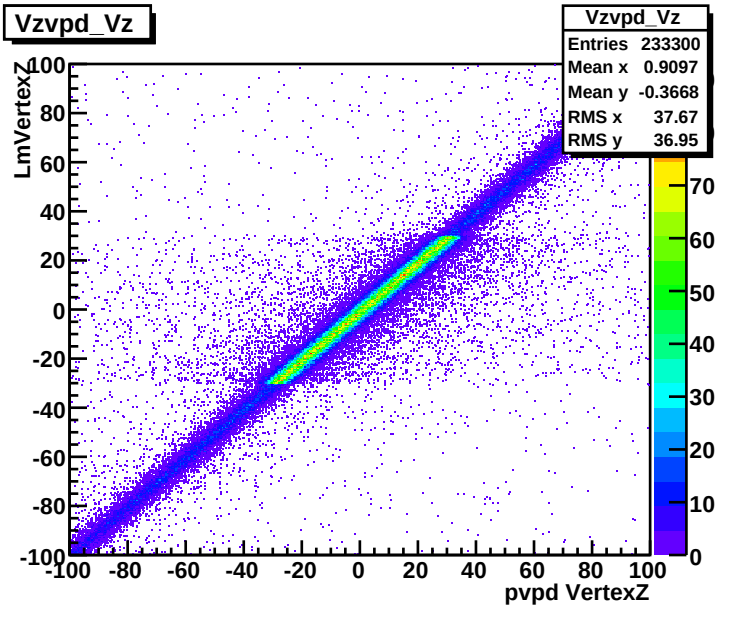

Tof_LocalY
Tof_LocalY
Entries 1.520492e+07
Mean -0.1615
RMS 1.353
×10
LocalY

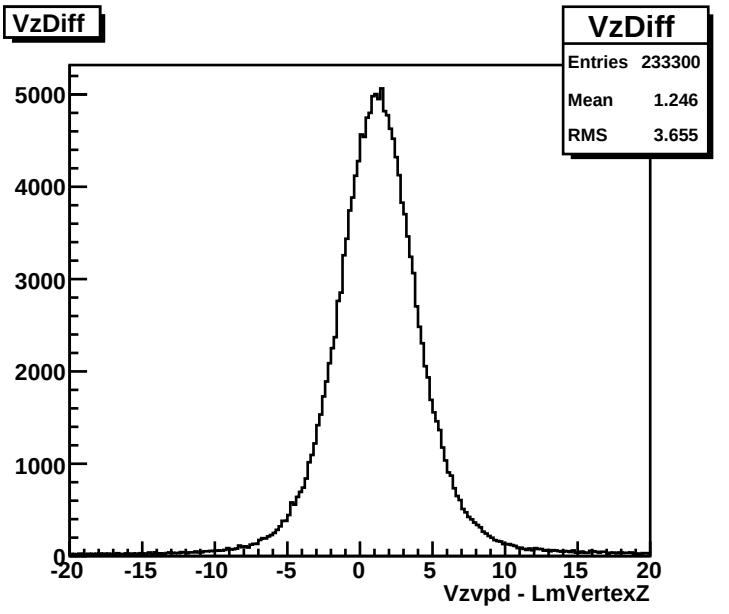

Tof_InverseBeta
Tof_InverseBeta
Entries 1.520492e+07
Mean x 0.7294
Mean y 1.175
RMS x 0.4238
RMS y 0.2435
1/β
Momentum

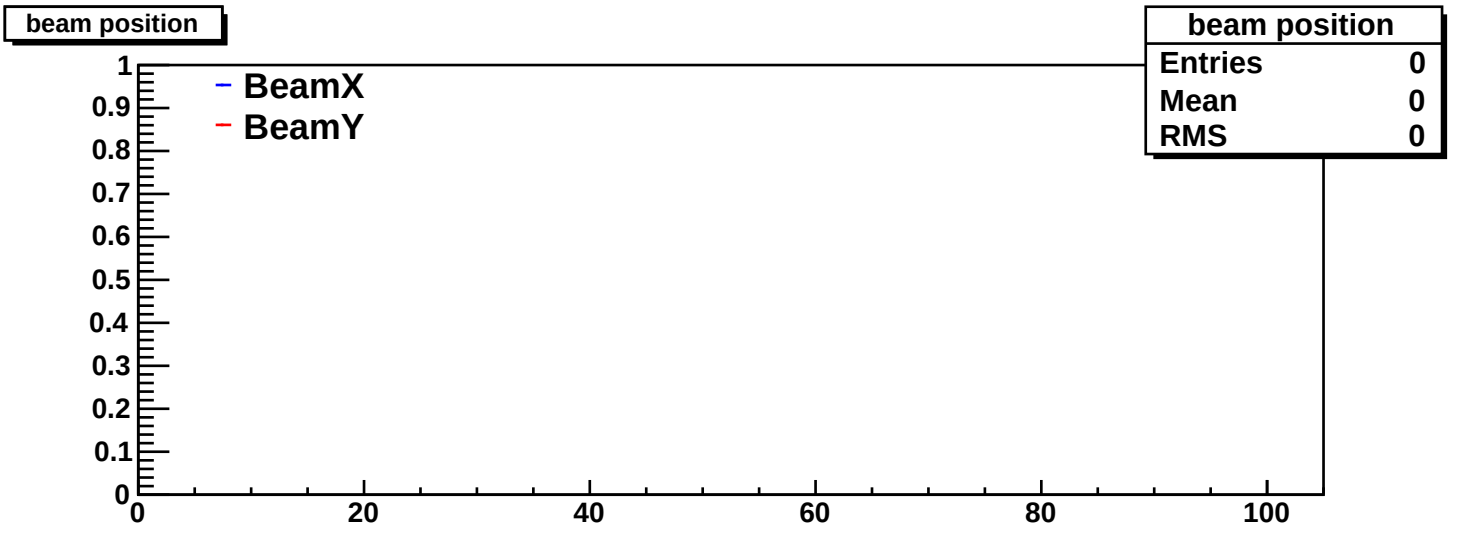

Tof_matchId_fireId
Tof_matchId_fireId
Entries 9.353255e+07
Mean x 99.97
Mean y 100.7
RMS x 53.78
RMS y 55.1
fiberId
matchId

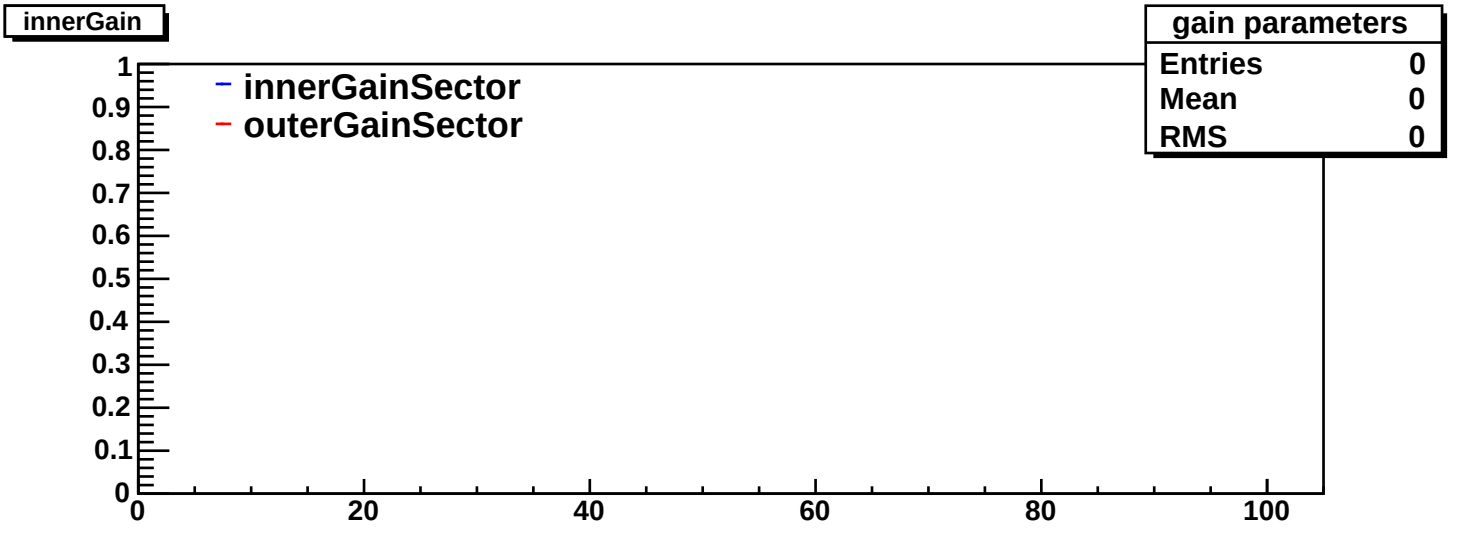

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 6.050203e+07
Mean x 62.38
Mean y 2887
RMS x 35.96
RMS y 39.78
TriggerTime
TrayId

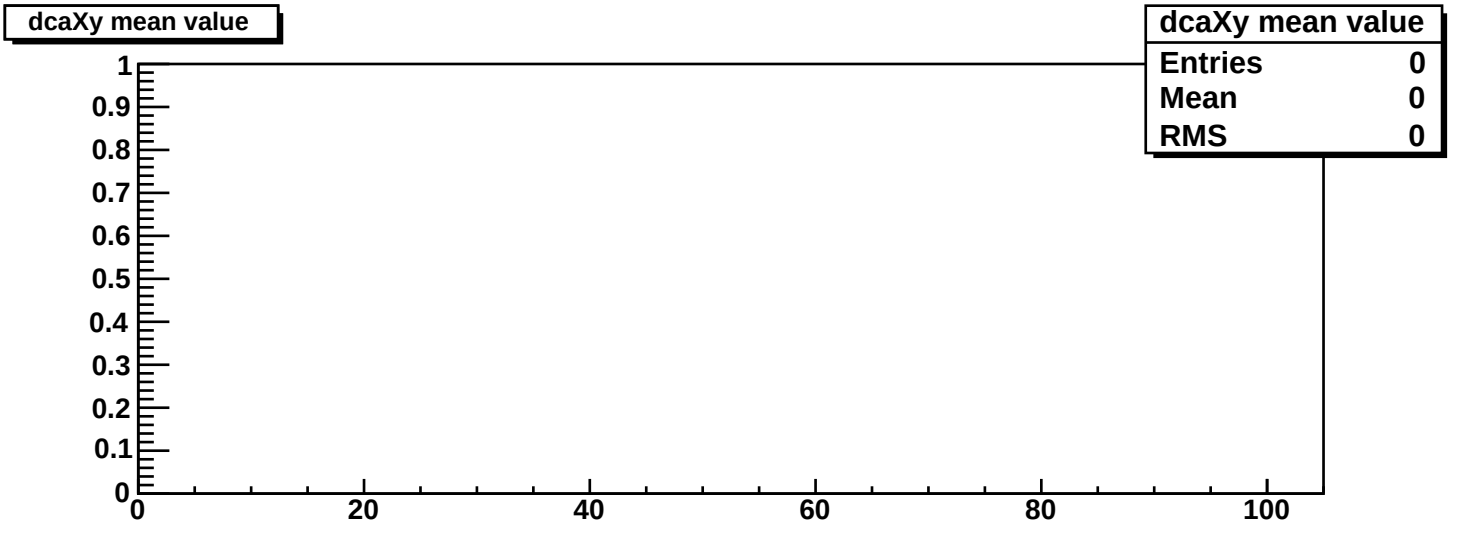

TofvsTrayID
TofvsTrayID
Entries 3721439
Mean x 61.66
Mean y 9.63
RMS x 34.12
RMS y 1.88
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 233300
Mean x 0.9097
Mean y -0.3668
RMS x 37.67
RMS y 36.95
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 233300
Mean 1.246
RMS 3.655
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