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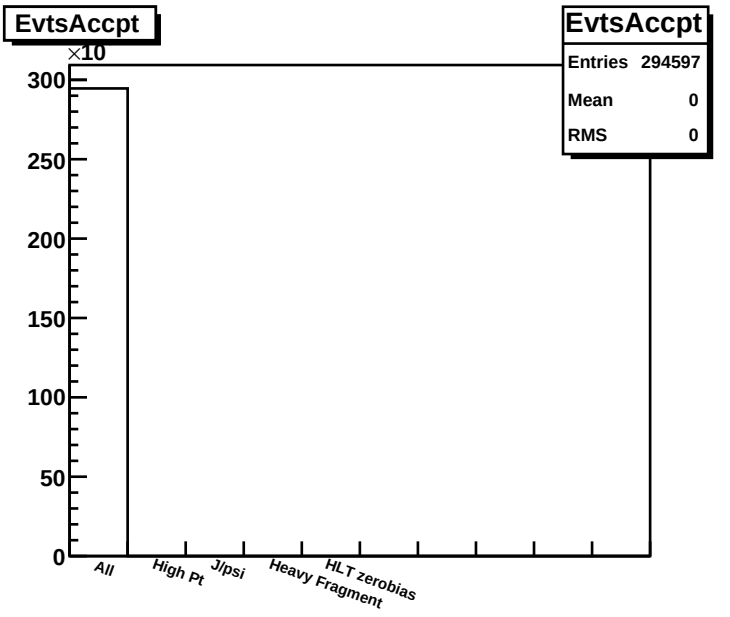
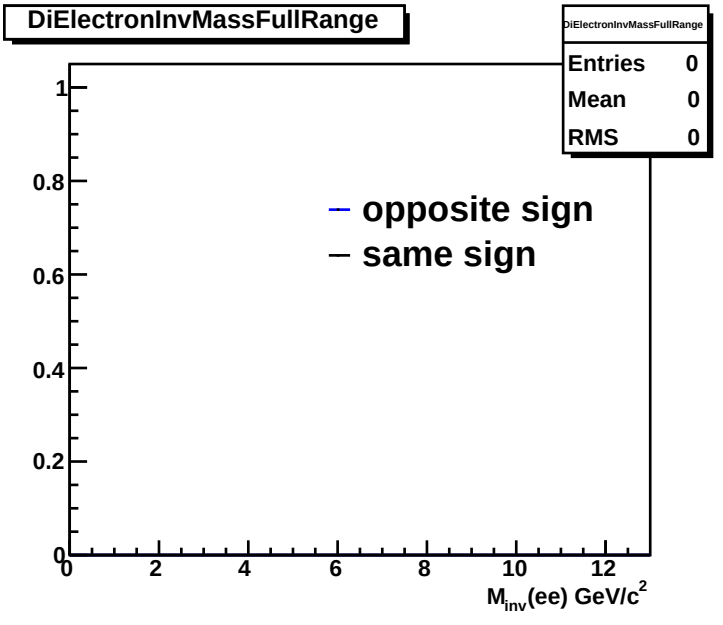
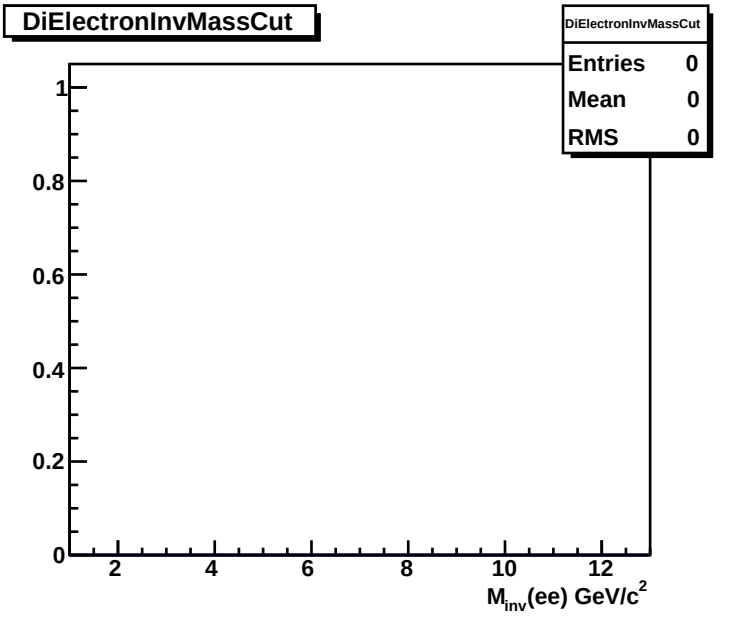
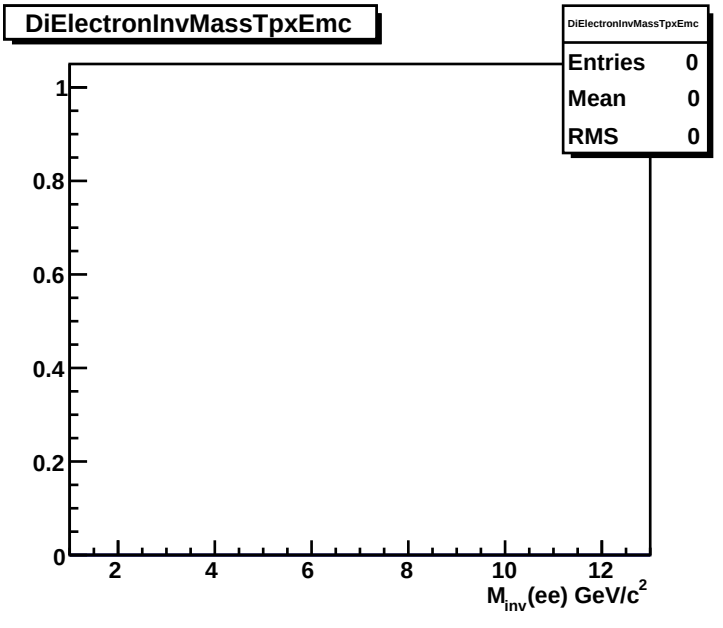
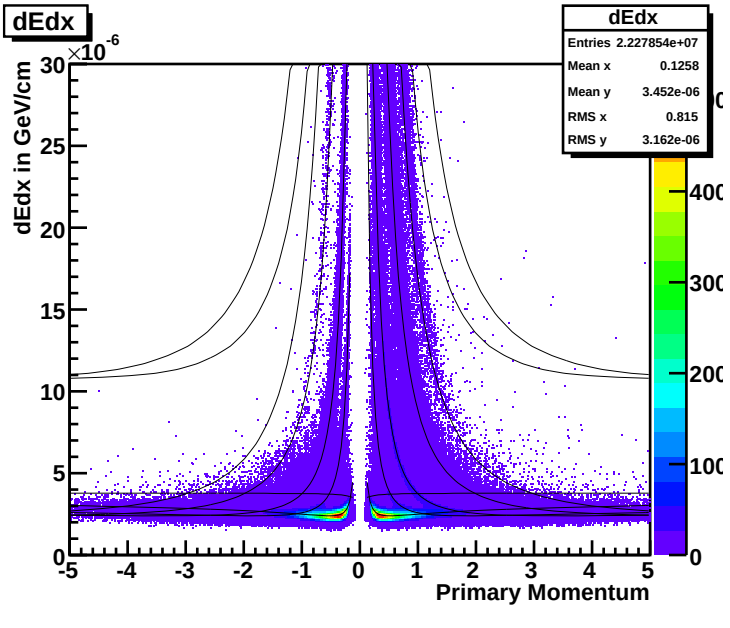
Tue Jun 28 00:27:20 2011

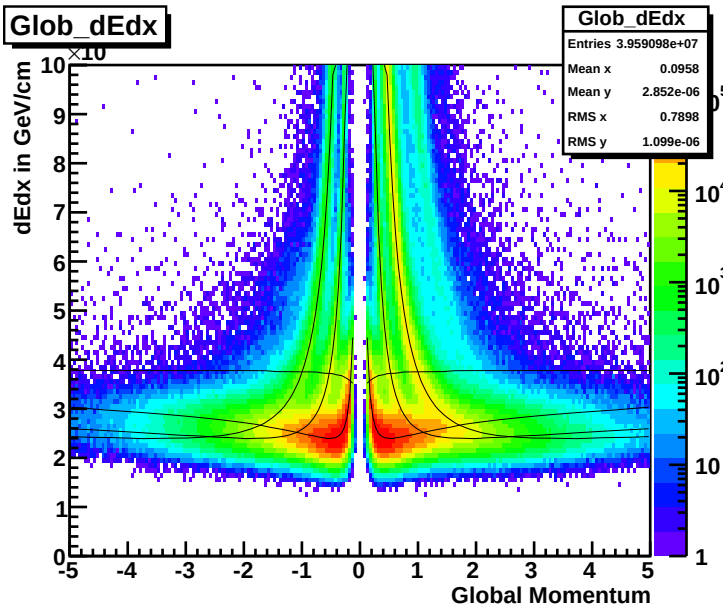


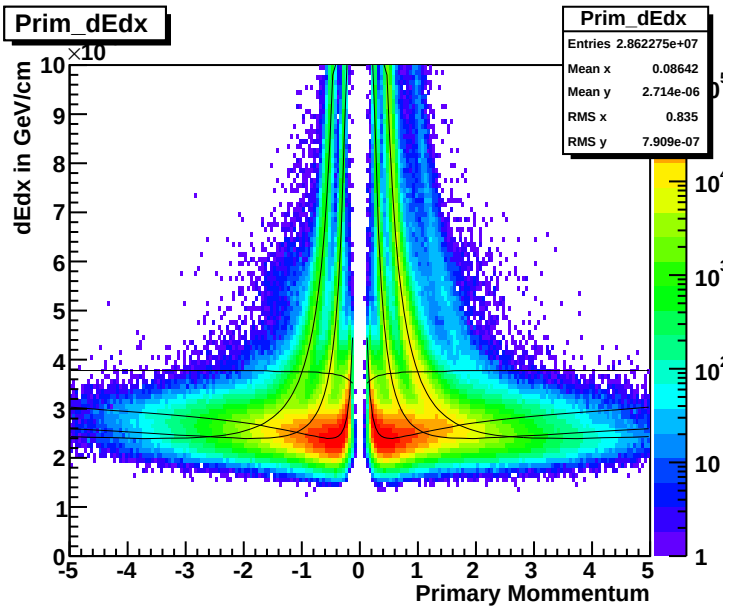


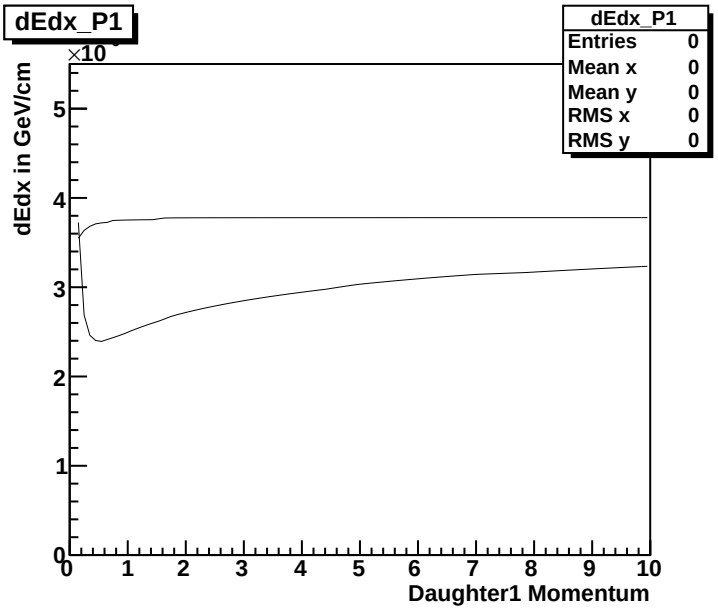


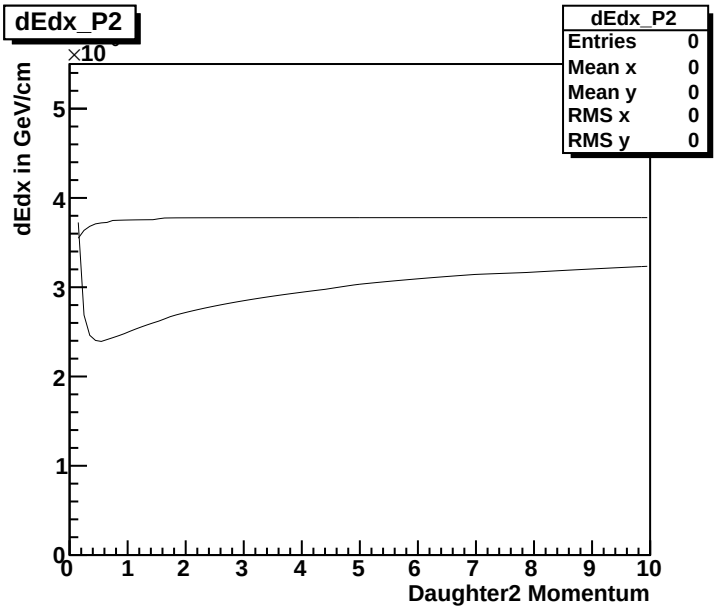


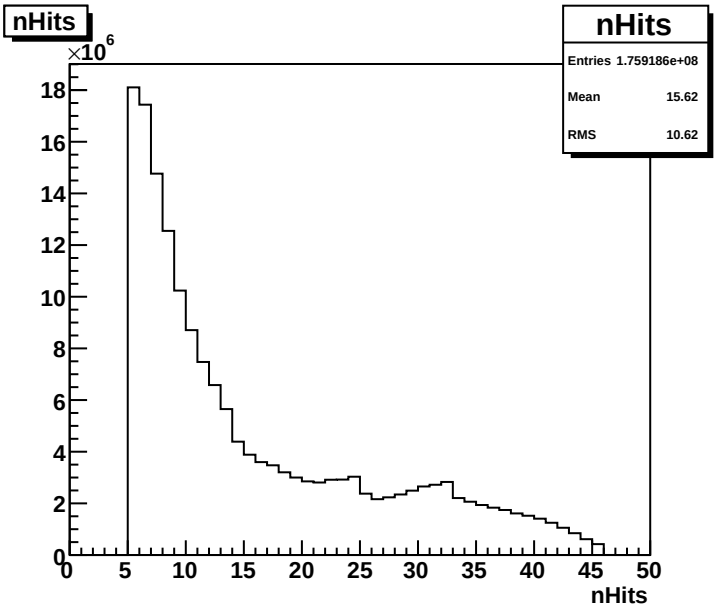


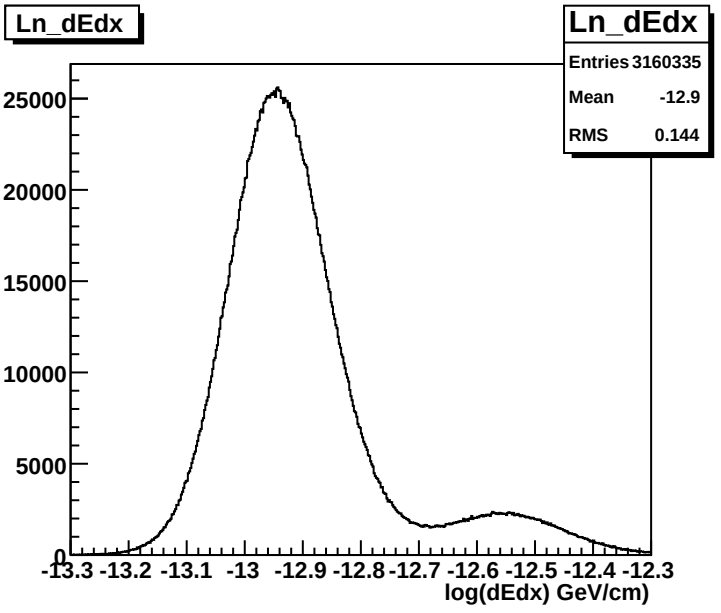

Glob_dEdx
Entries 3.959098e+07
Mean x 0.0958
Mean y 2.852e-06
RMS x 0.7898
RMS y 1.099e-06
dEdx in GeV/cm
Global Momentum

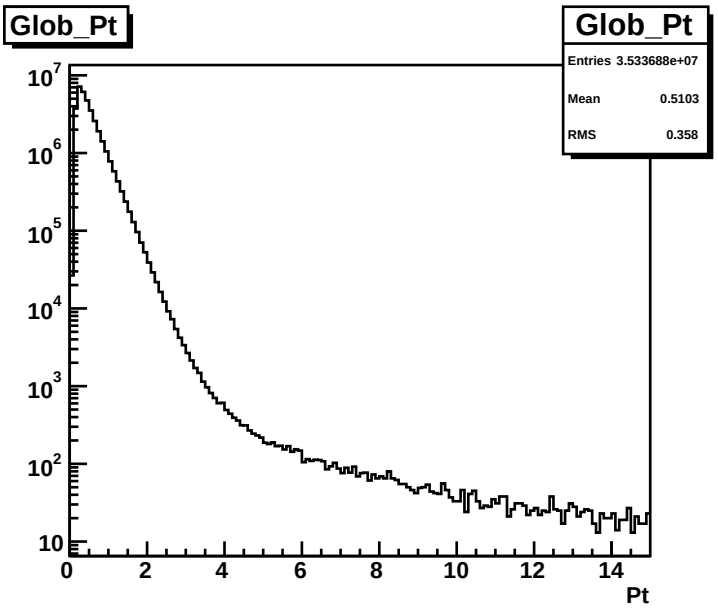

Prim_dEdx
Entries 2.862275e+07
Mean x 0.08642
Mean y 2.714e-06
RMS x 0.835
RMS y 7.909e-07
dEdx in GeV/cm
Primary Mommentum

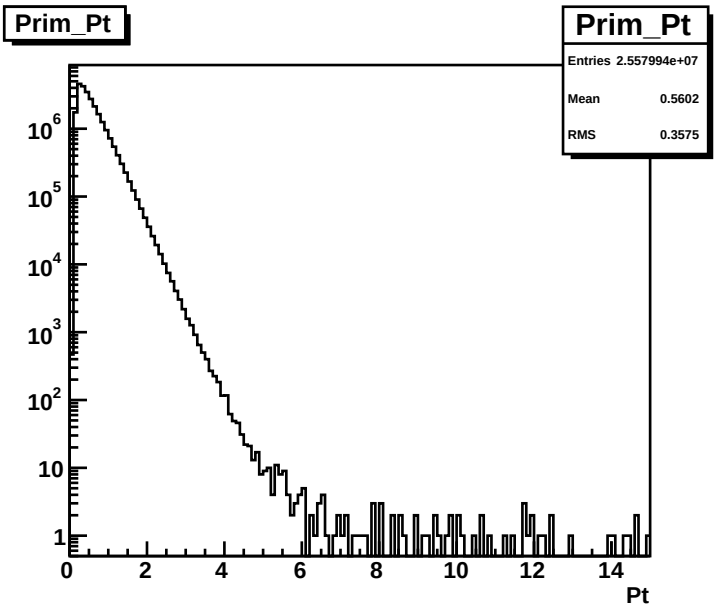

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

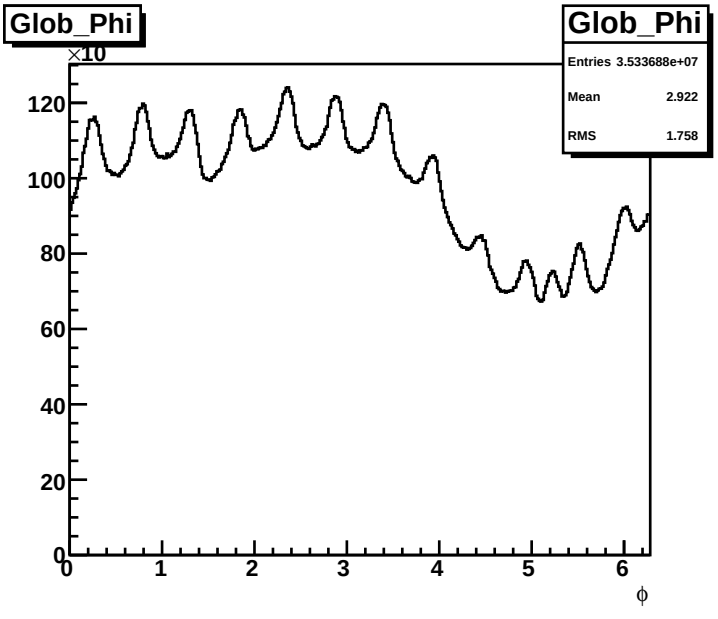

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

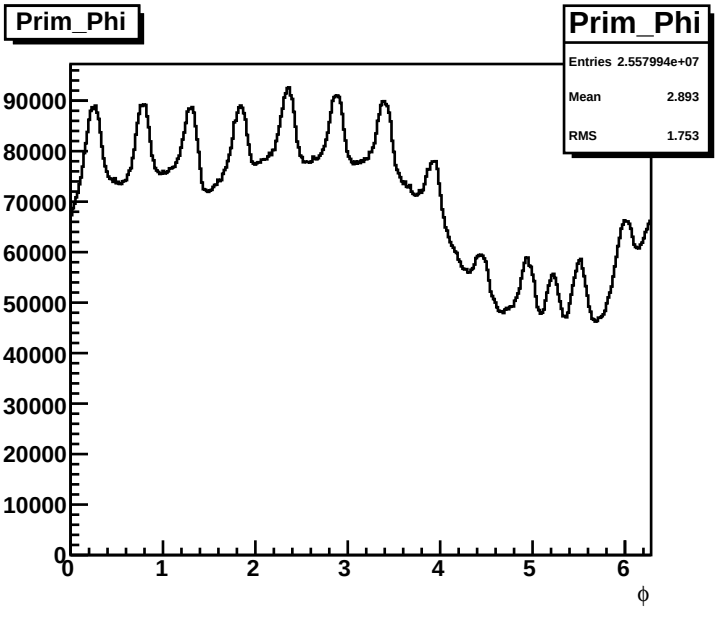

nHits
Entries 1.759186e+08
Mean 15.62
RMS 10.62
nHits

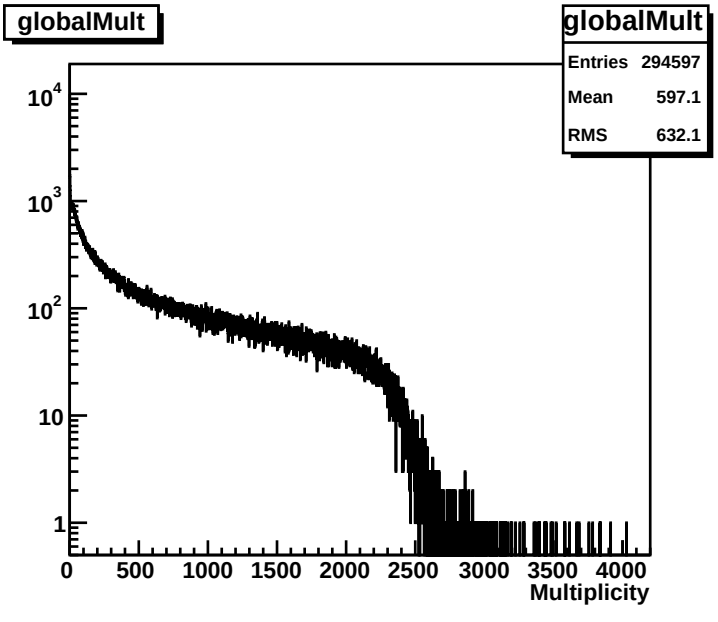

Ln_dEdx
Entries 3160335
Mean -12.9
RMS 0.144
log(dEdx) GeV/cm)

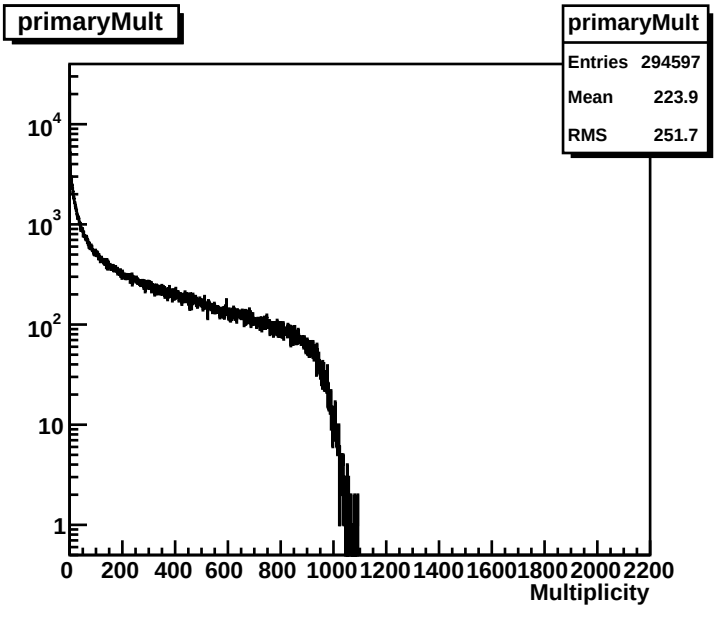

Glob_Pt
Glob_Pt
Entries 3.533688e+07
Mean 0.5103
RMS 0.358
Pt

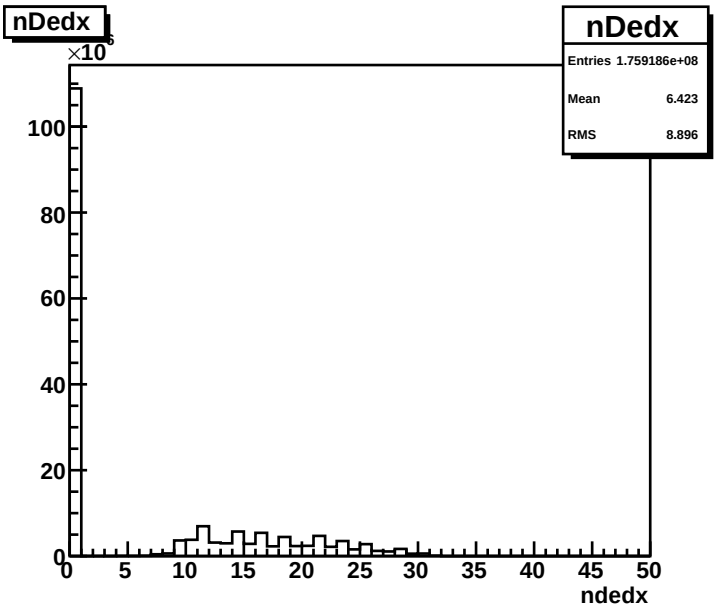

Prim_Pt
Prim_Pt
Entries 2.557994e+07
Mean 0.5602
RMS 0.3575
Pt

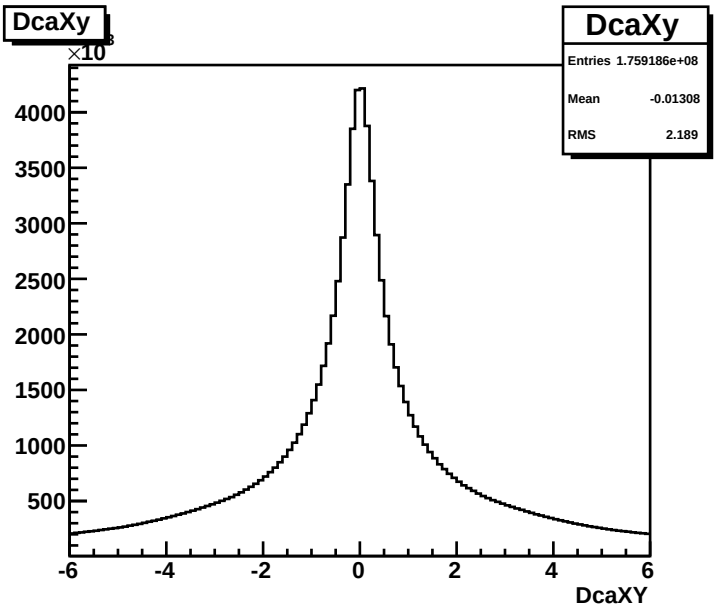

Glob_Phi
Glob_Phi
Entries 3.533688e+07
Mean 2.922
RMS 1.758
×10
ϕ

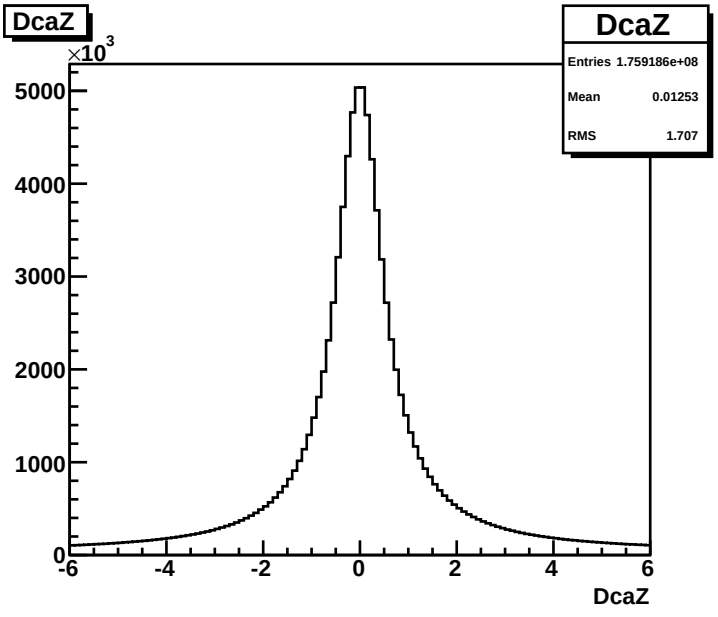

Prim_Phi
Prim_Phi
Entries 2.557994e+07
Mean 2.893
RMS 1.753
ϕ

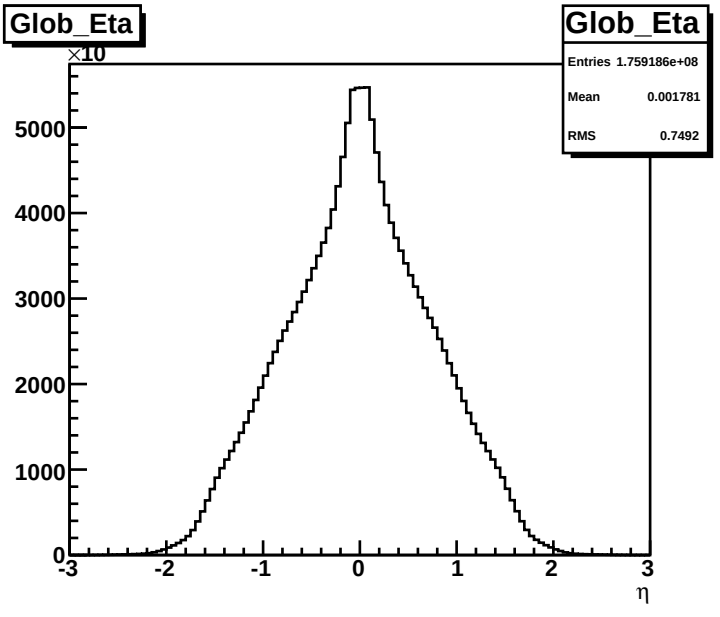

globalMult
globalMult
Entries 294597
Mean 597.1
RMS 632.1
Multiplicity

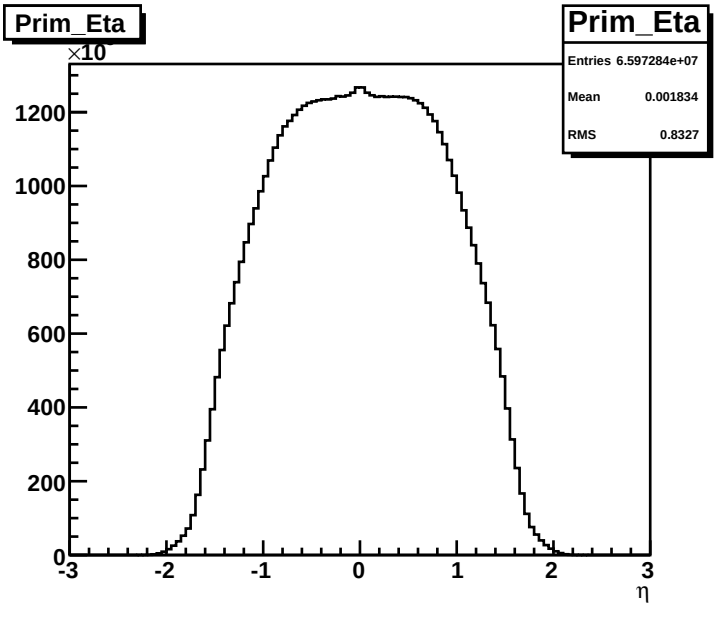

primaryMult
primaryMult
Entries 294597
Mean 223.9
RMS 251.7
Multiplicity

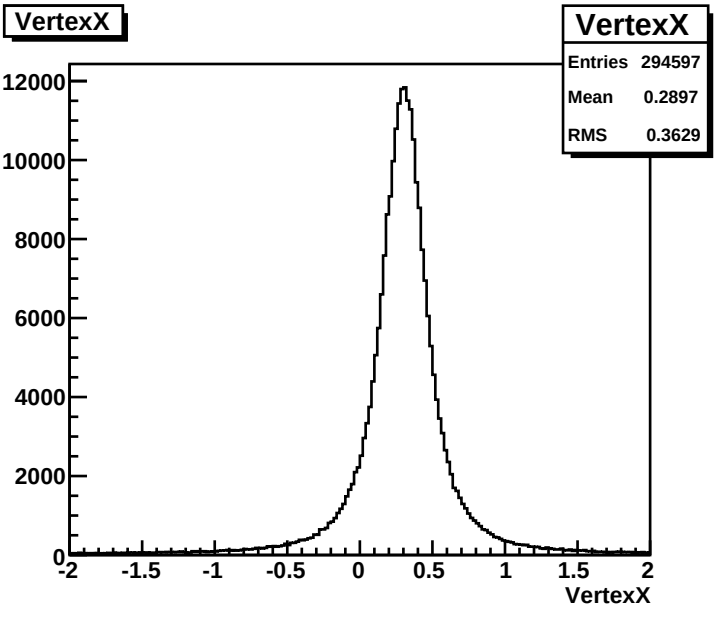

nDedx
nDedx
Entries 1.759186e+08
Mean 6.423
RMS 8.896
ndedx

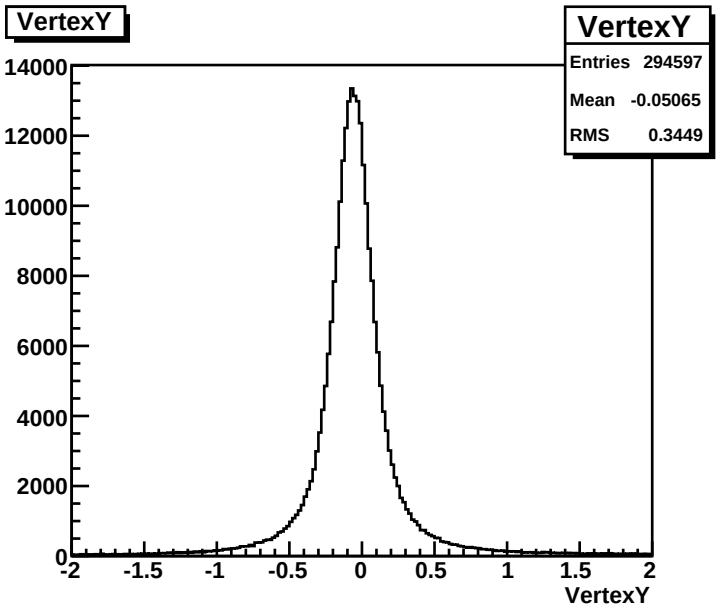

DcaXy
DcaXy
Entries 1.759186e+08
Mean -0.01308
RMS 2.189
DcaXY

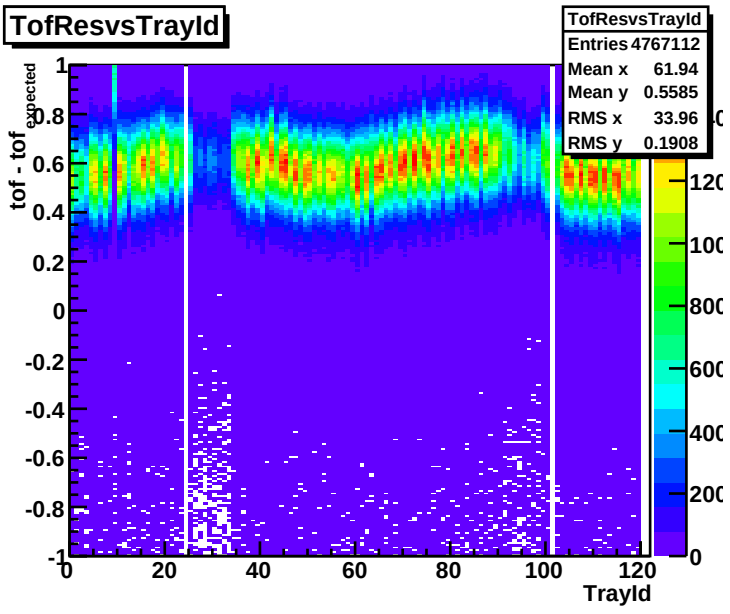

DcaZ
DcaZ
Entries 1.759186e+08
Mean 0.01253
RMS 1.707
DcaZ

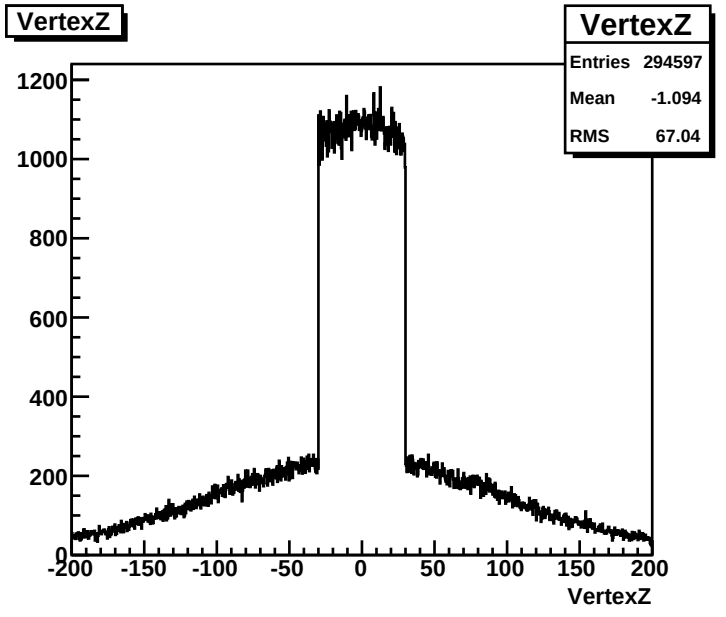

Glob_Eta
Glob_Eta
Entries 1.759186e+08
Mean 0.001781
RMS 0.7492
η

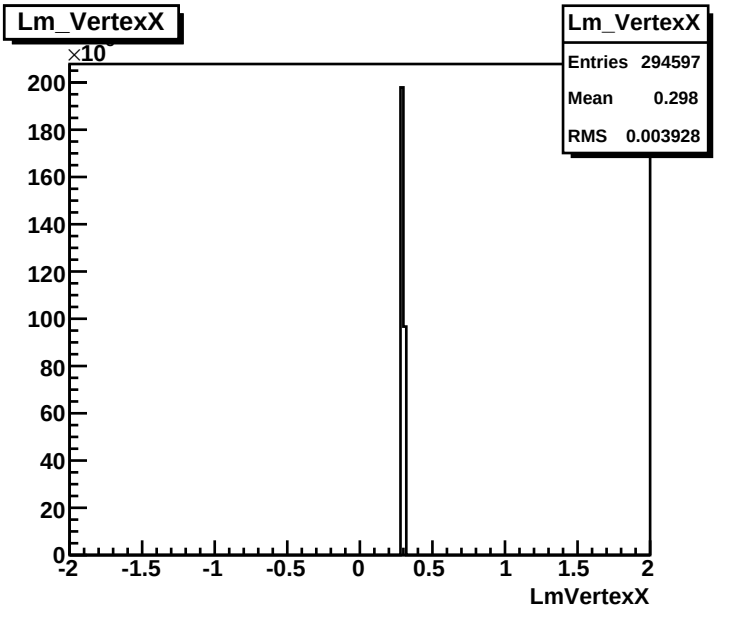

Prim_Eta
Prim_Eta
Entries 6.597284e+07
Mean 0.001834
RMS 0.8327
η

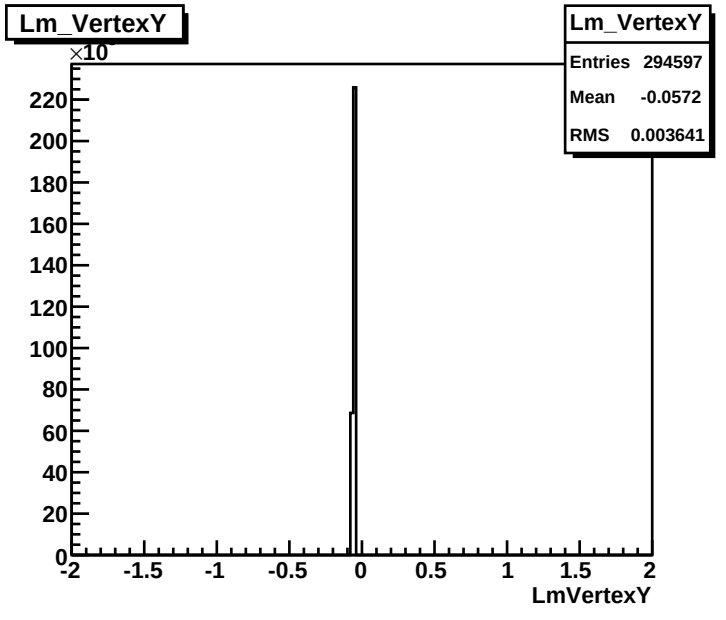

VertexX
VertexX
Entries 294597
Mean 0.2897
RMS 0.3629
VertexX

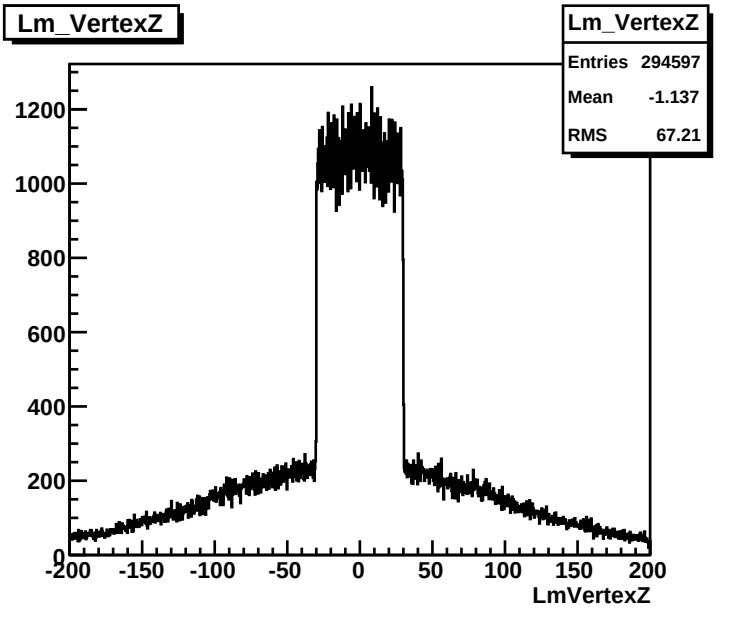

VertexY
VertexY
Entries 294597
Mean -0.05065
RMS 0.3449
VertexY

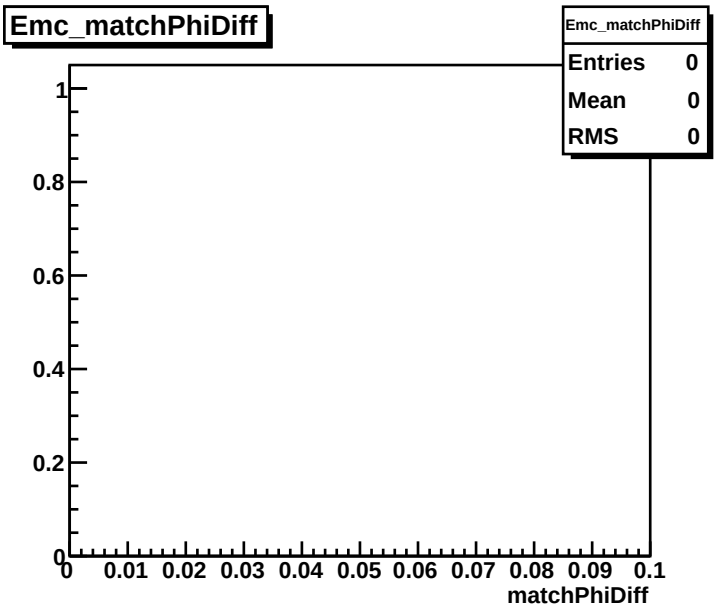

TofResvsTrayId
TofResvsTrayId
Entries 4767112
Mean x 61.94
Mean y 0.5585
RMS x 33.96
RMS y 0.1908
tof - tof expected
TrayId

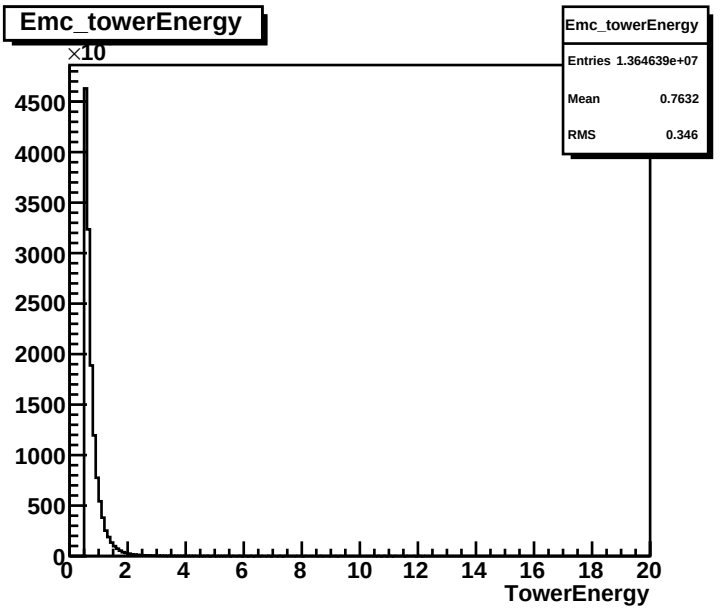

VertexZ
VertexZ
Entries 294597
Mean -1.094
RMS 67.04
VertexZ

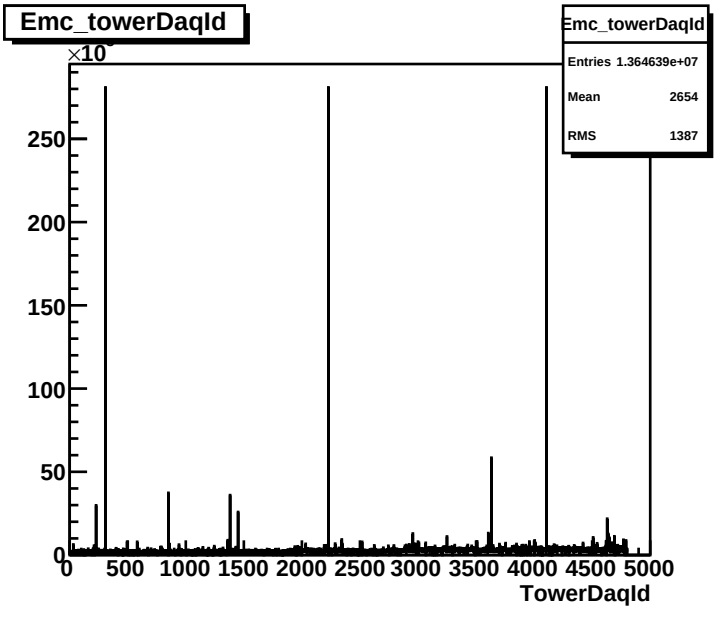

Lm_VertexX
Lm_VertexX
Entries 294597
Mean 0.298
RMS 0.003928
LmVertexX

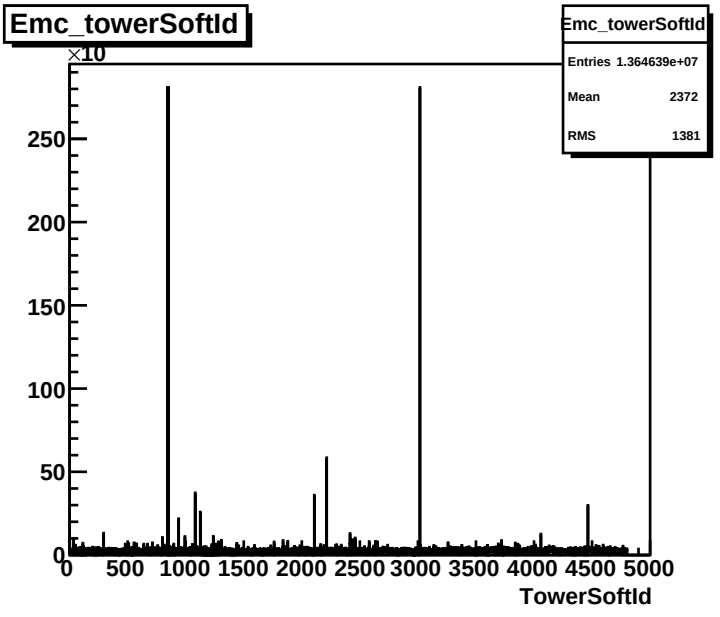

Lm_VertexY
Lm_VertexY
Entries 294597
Mean -0.0572
RMS 0.003641
LmVertexY

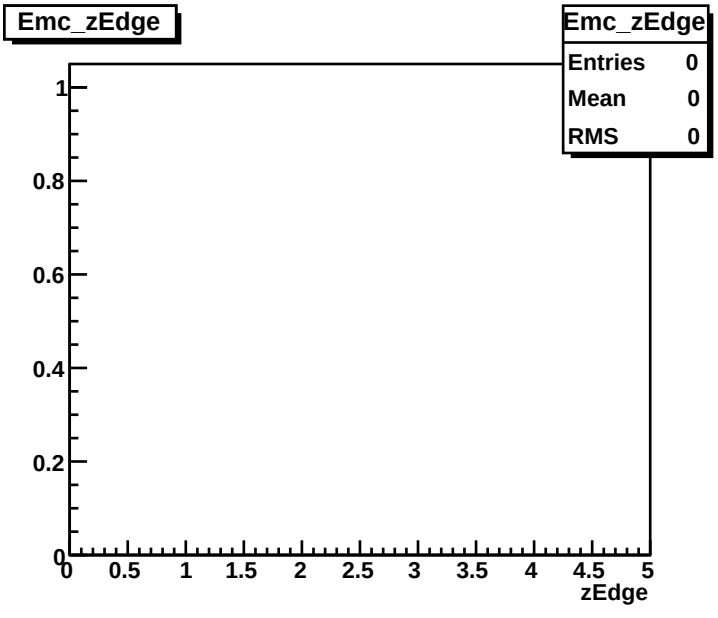

Lm_VertexZ
Lm_VertexZ
Entries 294597
Mean -1.137
RMS 67.21
LmVertexZ

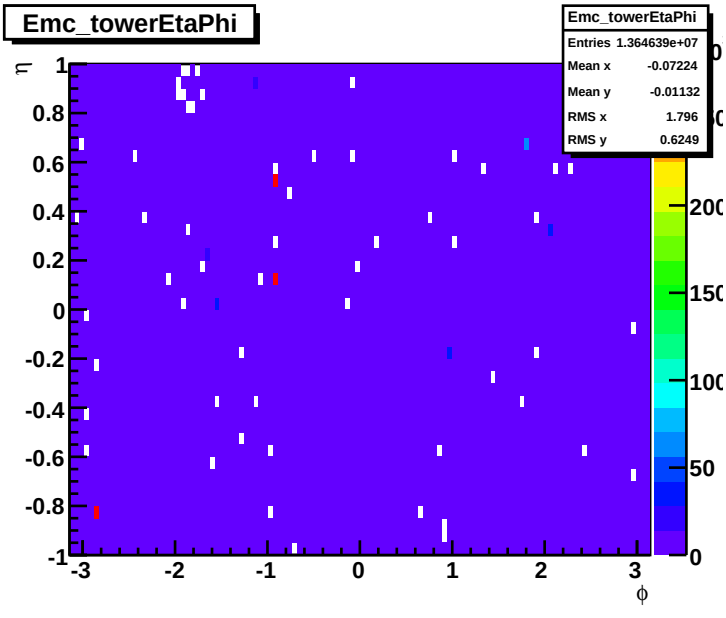

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

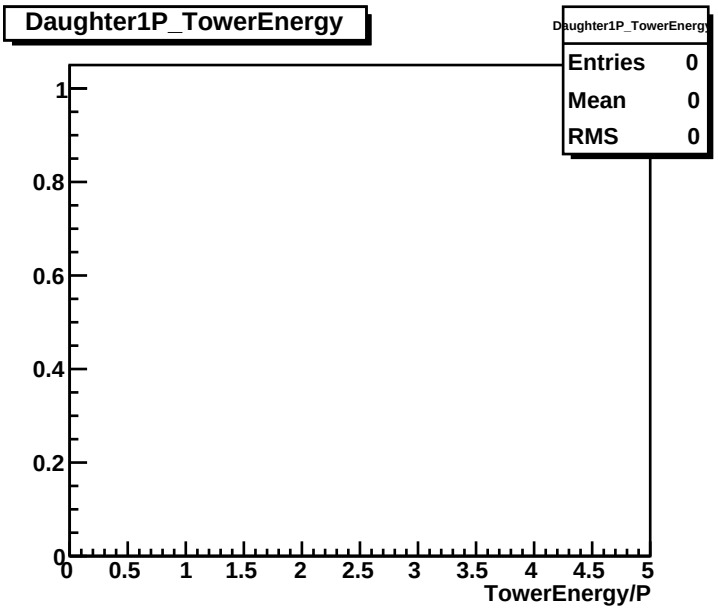

Emc_towerEnergy
Emc_towerEnergy
Entries 1.364639e+07
Mean 0.7632
RMS 0.346
TowerEnergy

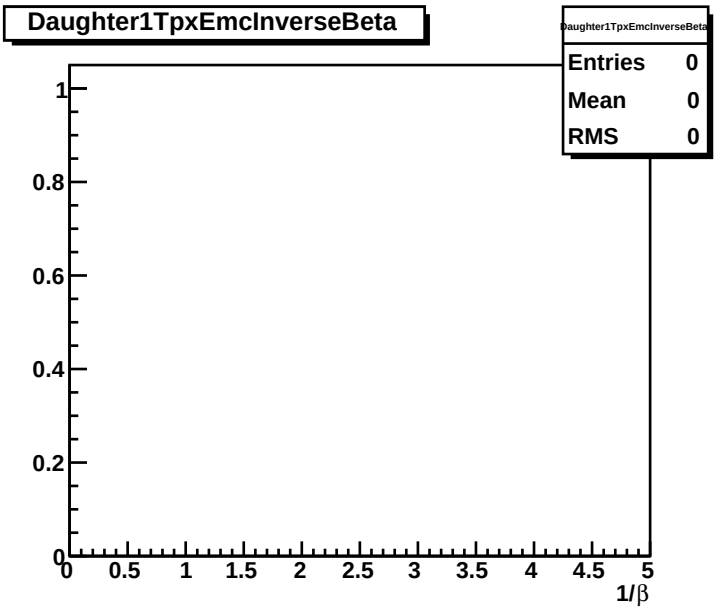

Emc_towerDaqId
Emc_towerDaqId
Entries 1.364639e+07
Mean 2654
RMS 1387
TowerDaqId

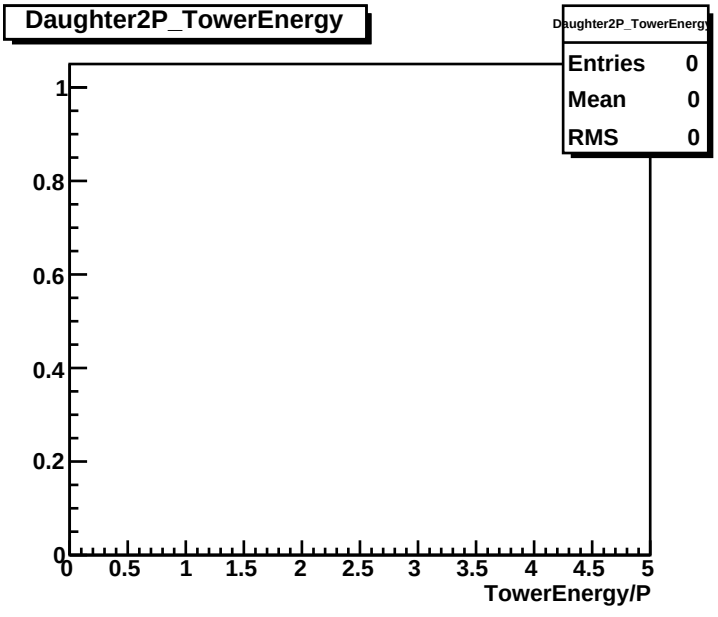

Emc_towerSoftId
Emc_towerSoftId
Entries 1.364639e+07
Mean 2372
RMS 1381
TowerSoftId

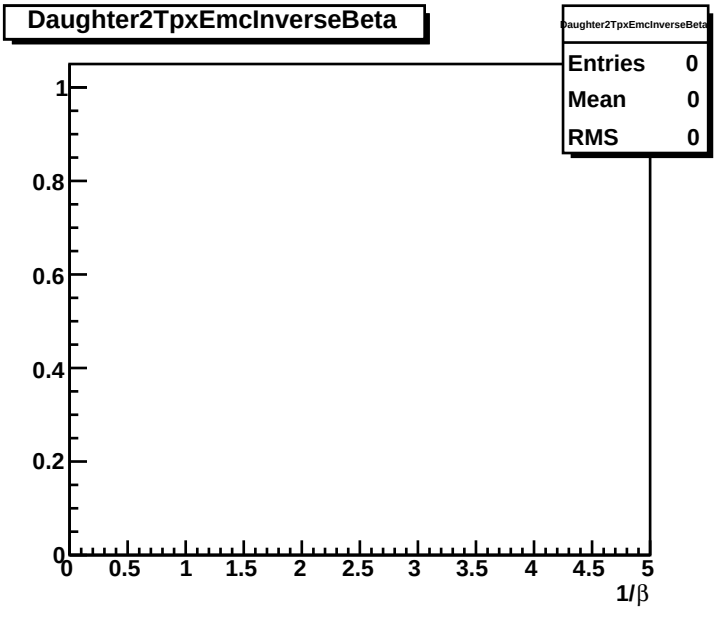

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

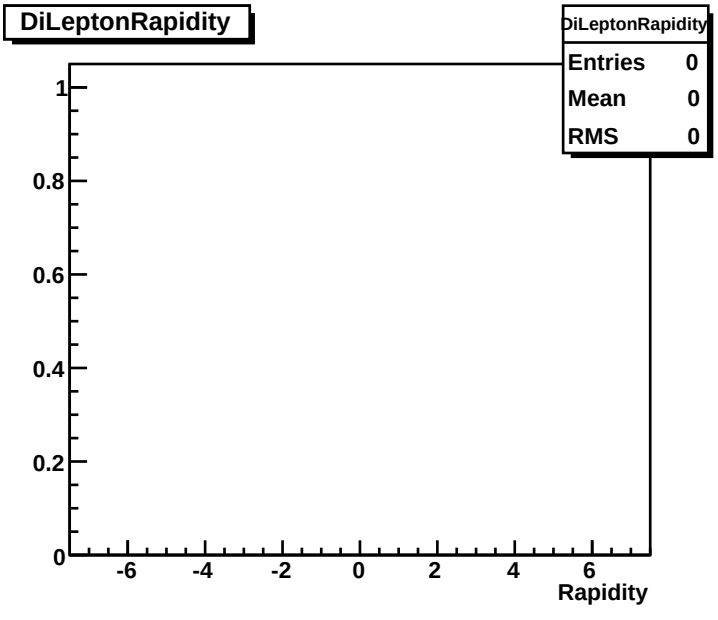

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 1.364639e+07
Mean x -0.07224
Mean y -0.01132
RMS x 1.796
RMS y 0.6249
η
ϕ

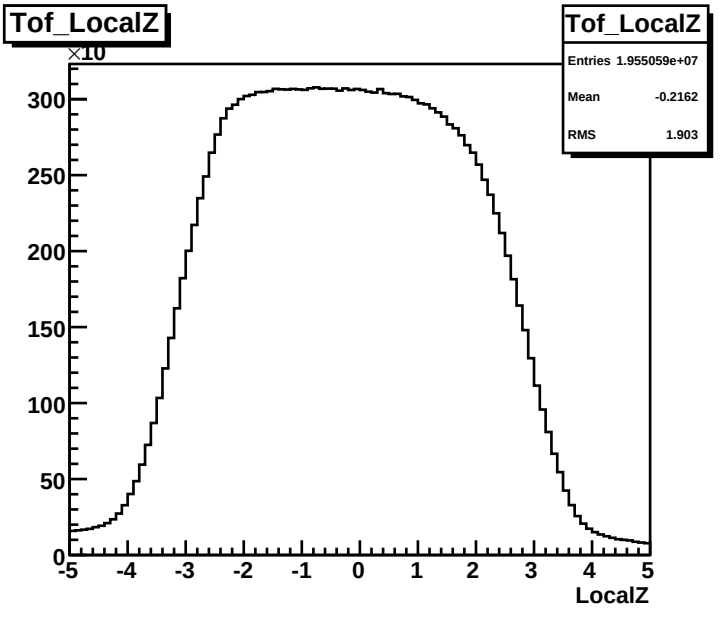

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

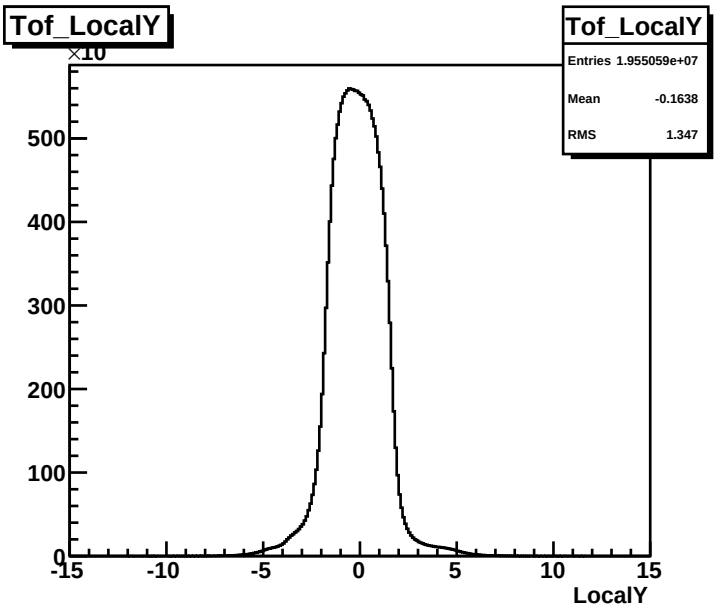

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

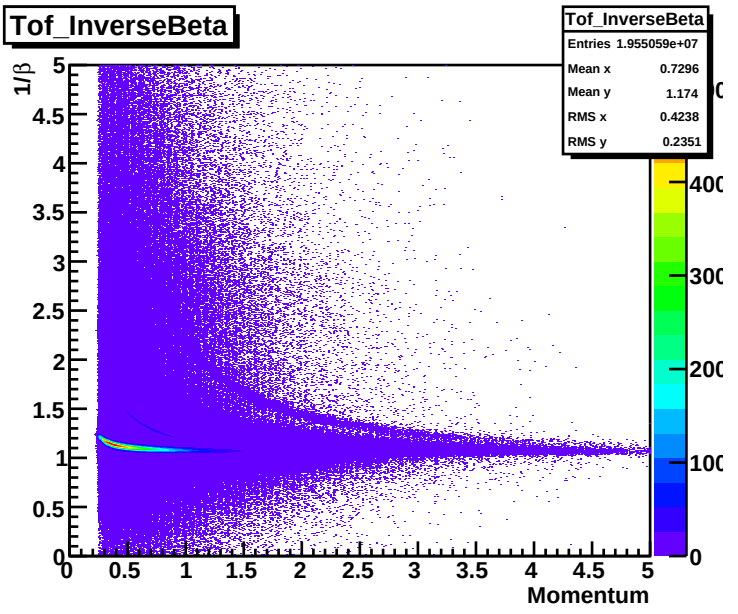

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

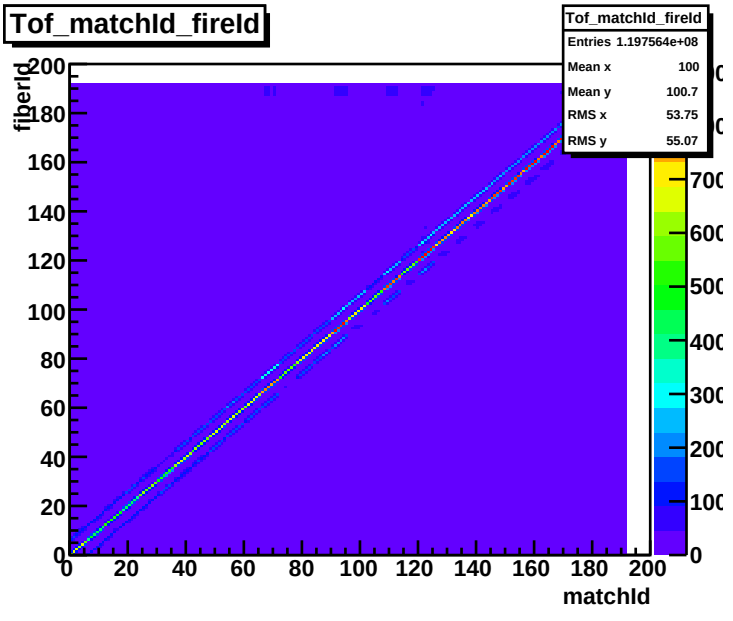

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

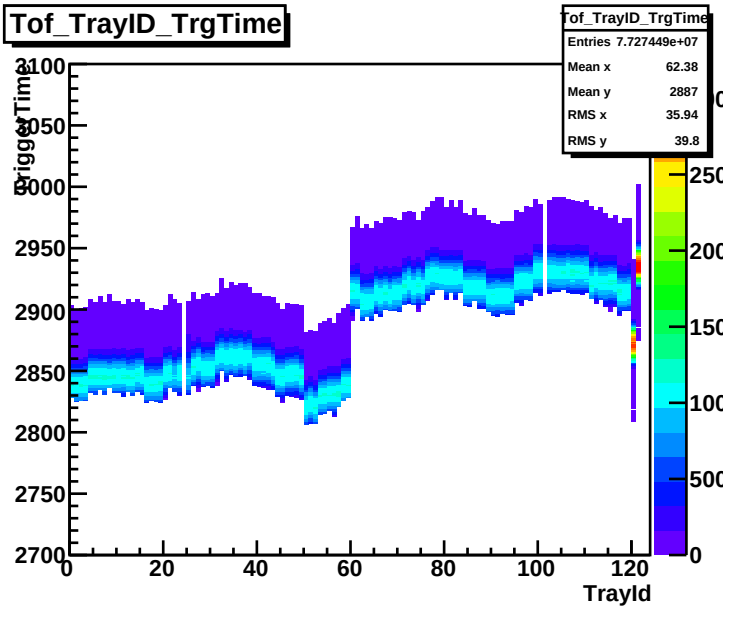

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

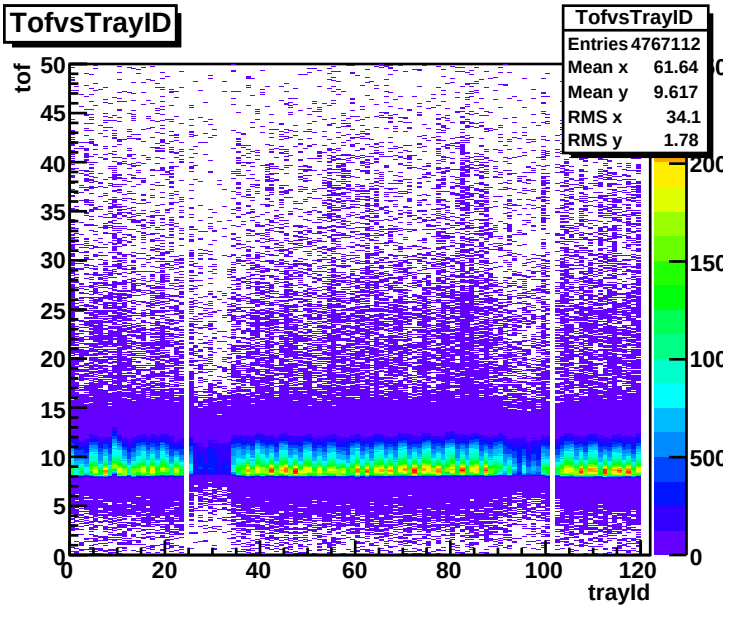

Tof_LocalZ
Tof_LocalZ
Entries 1.955059e+07
Mean -0.2162
RMS 1.903
×10
LocalZ

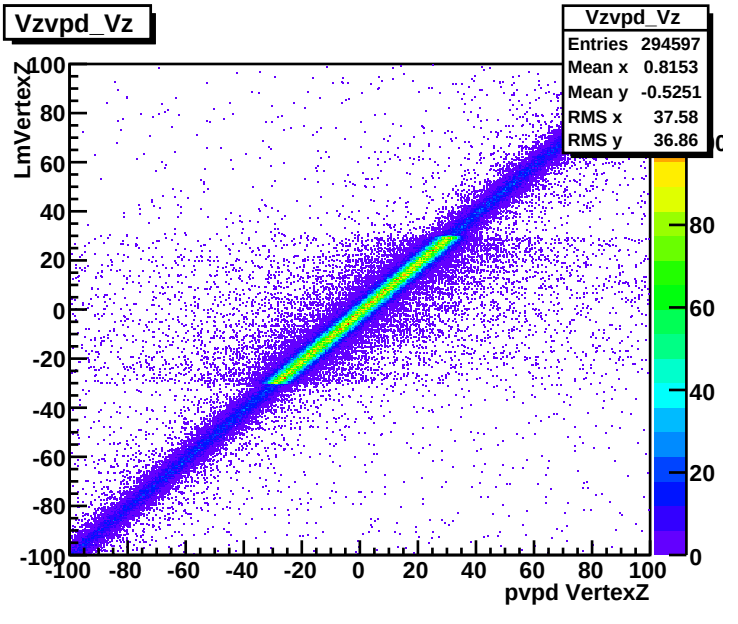

Tof_LocalY
Tof_LocalY
Entries 1.955059e+07
Mean -0.1638
RMS 1.347
×10
LocalY

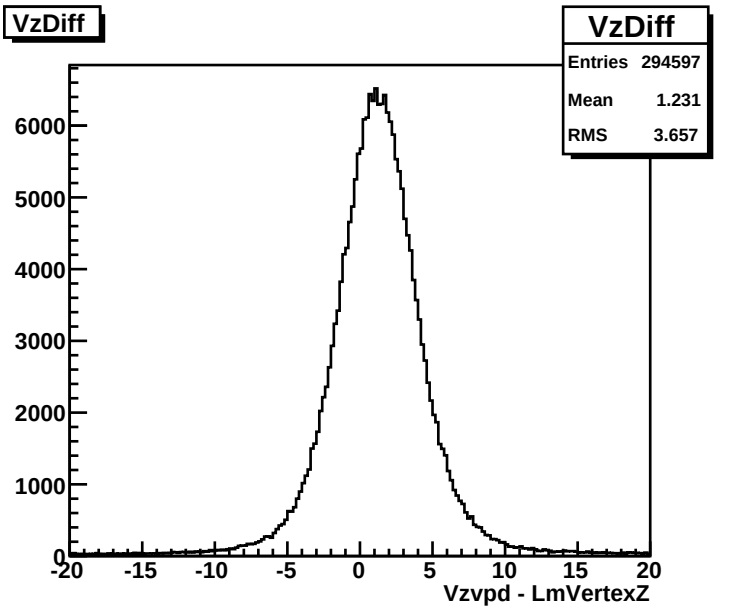

Tof_InverseBeta
Tof_InverseBeta
Entries 1.955059e+07
Mean x 0.7296
Mean y 1.174
RMS x 0.4238
RMS y 0.2351
1/β
Momentum

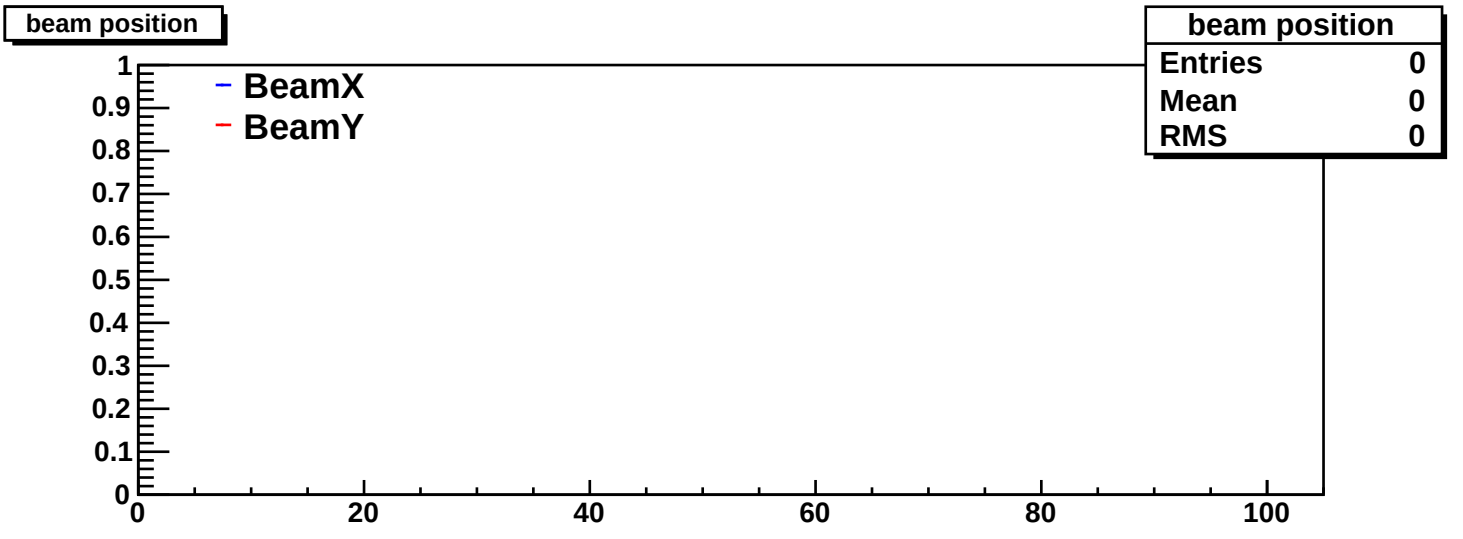

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1.197564e+08
Mean x 100
Mean y 100.7
RMS x 53.75
RMS y 55.07
fiberId
matchId

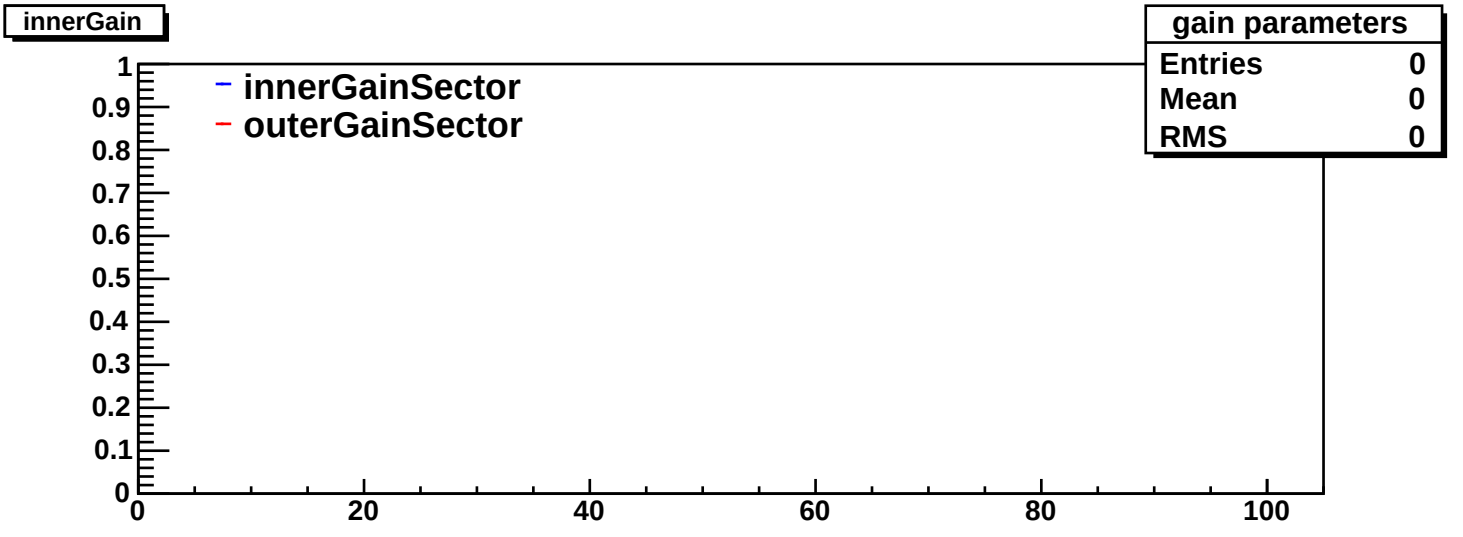

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 7.727449e+07
Mean x 62.38
Mean y 2887
RMS x 35.94
RMS y 39.8
TrayId

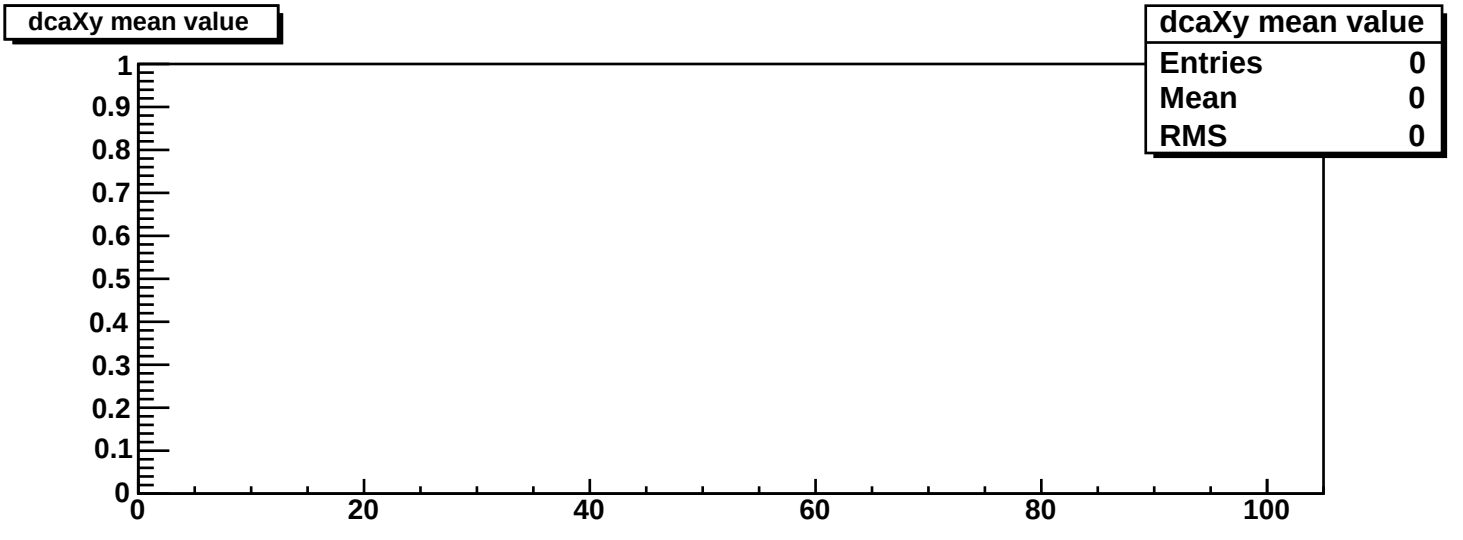

TofvsTrayID
TofvsTrayID
Entries 4767112
Mean x 61.64
Mean y 9.617
RMS x 34.1
RMS y 1.78
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 294597
Mean x 0.8153
Mean y -0.5251
RMS x 37.58
RMS y 36.86
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 294597
Mean 1.231
RMS 3.657
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