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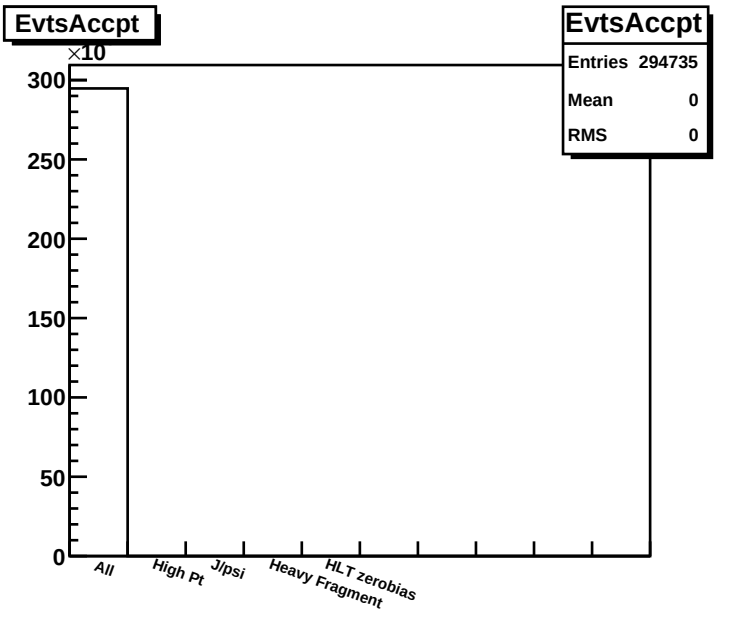
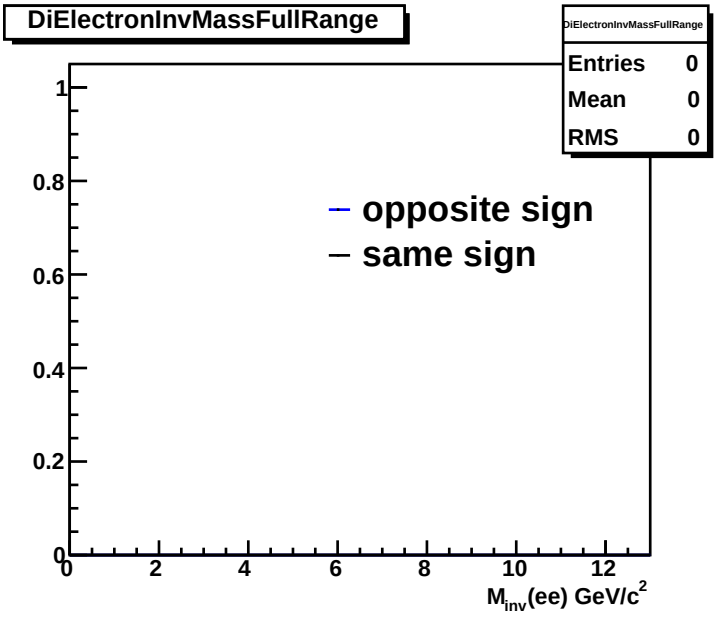
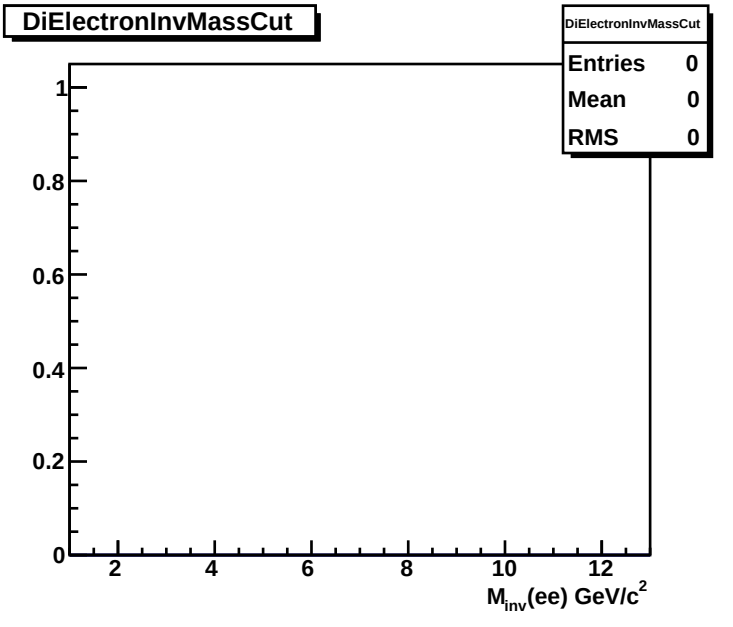
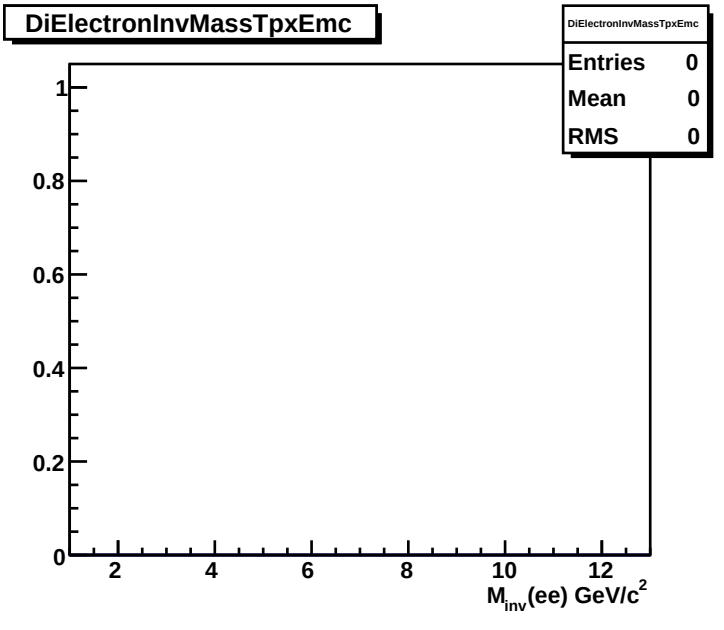
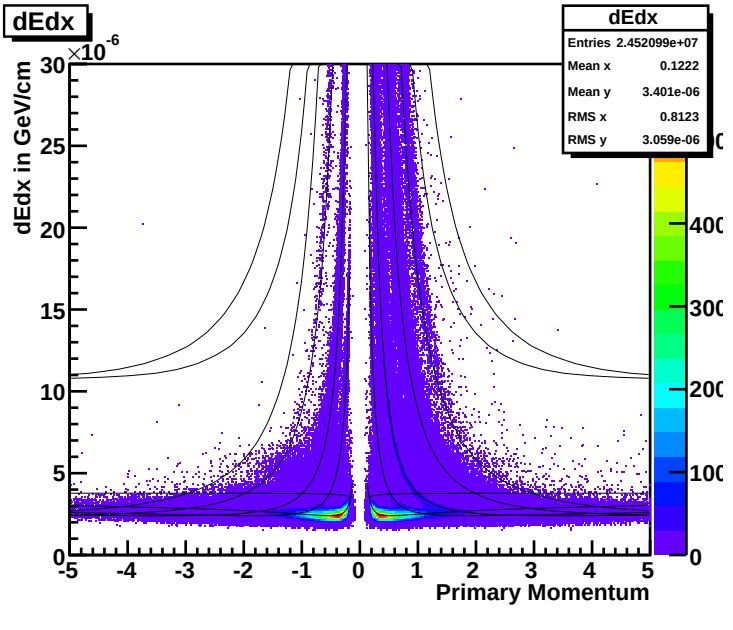
Thu Jun 23 00:39:04 2011

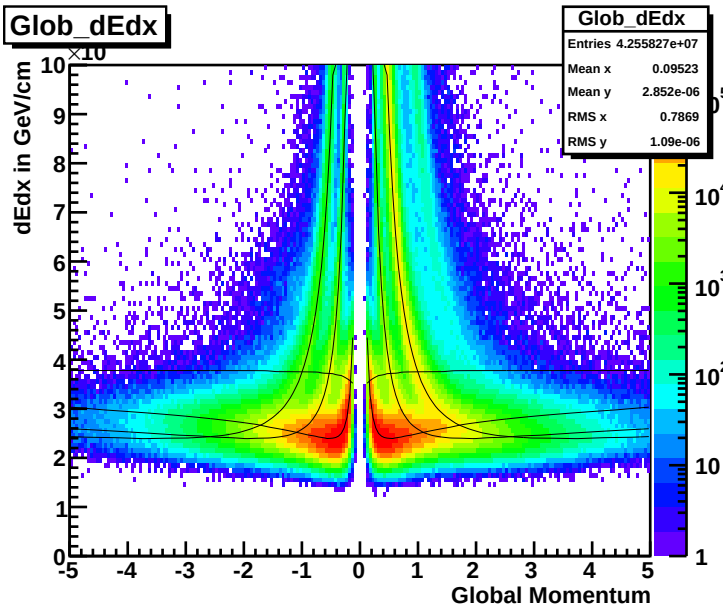


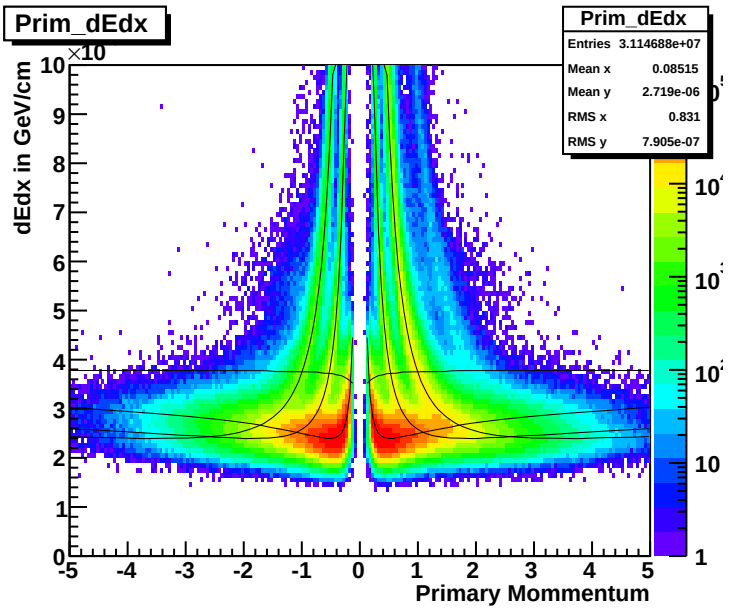


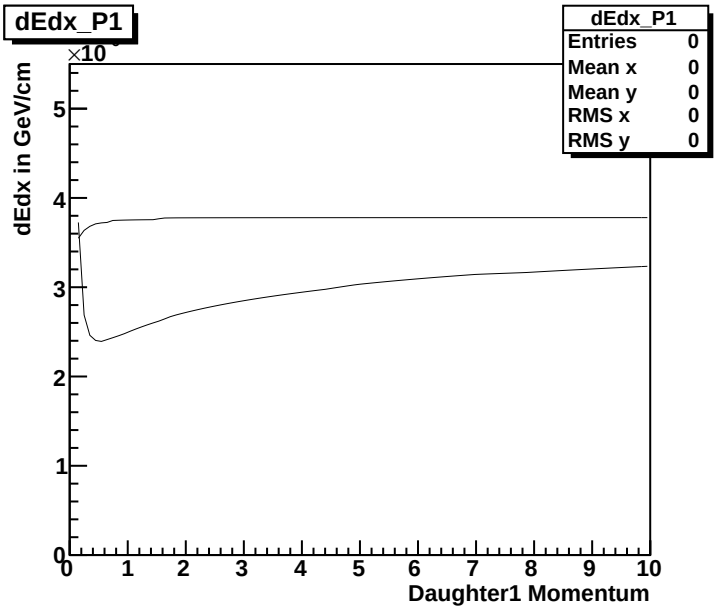


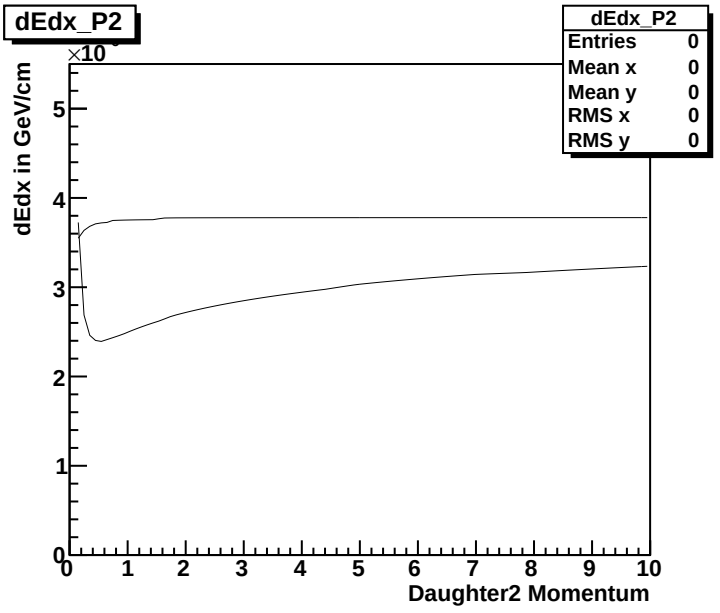


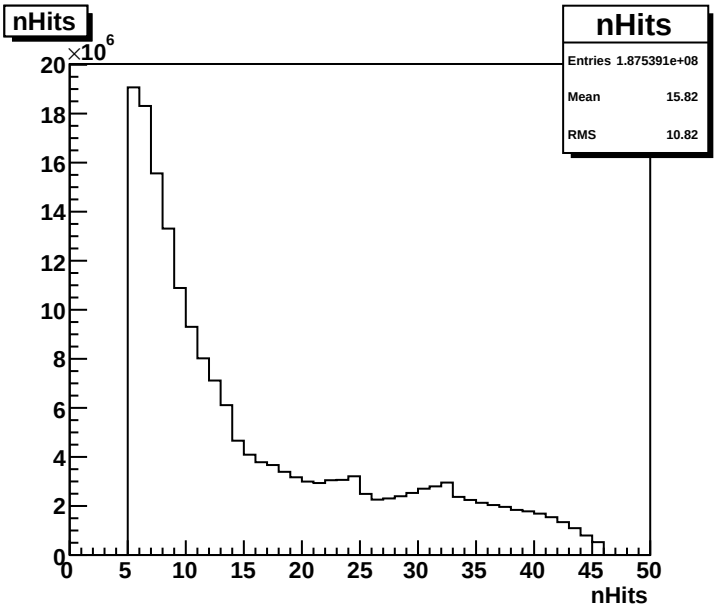


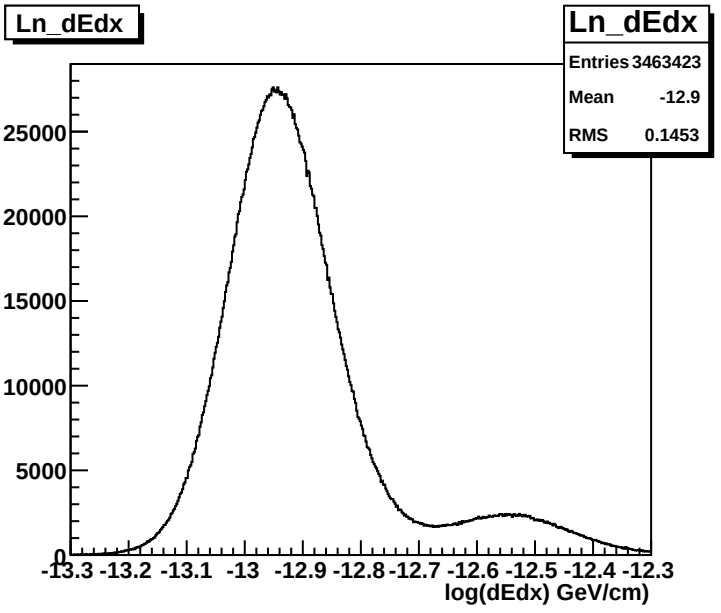

Glob_dEdx
Entries 4.255827e+07
Mean x 0.09523
Mean y 2.852e-06
RMS x 0.7869
RMS y 1.09e-06
dEdx in GeV/cm
Global Momentum

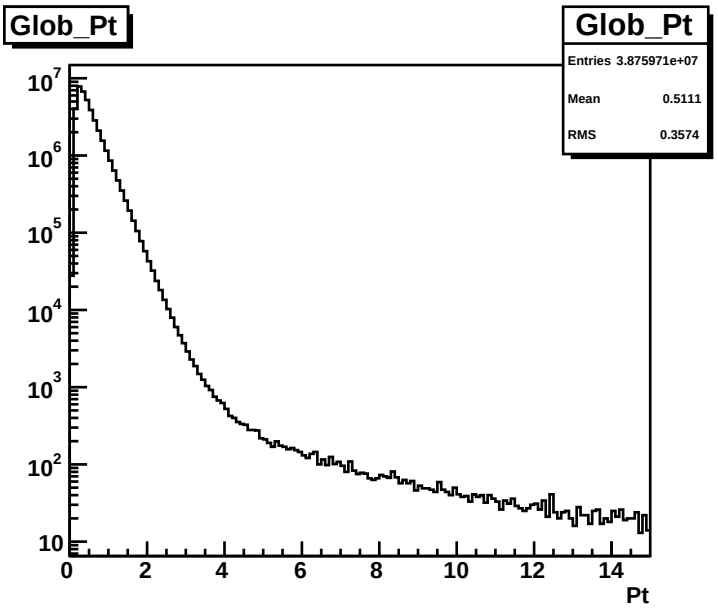

Prim_dEdx
Entries 3.114688e+07
Mean x 0.08515
Mean y 2.719e-06
RMS x 0.831
RMS y 7.905e-07
dEdx in GeV/cm
Primary Mommentum

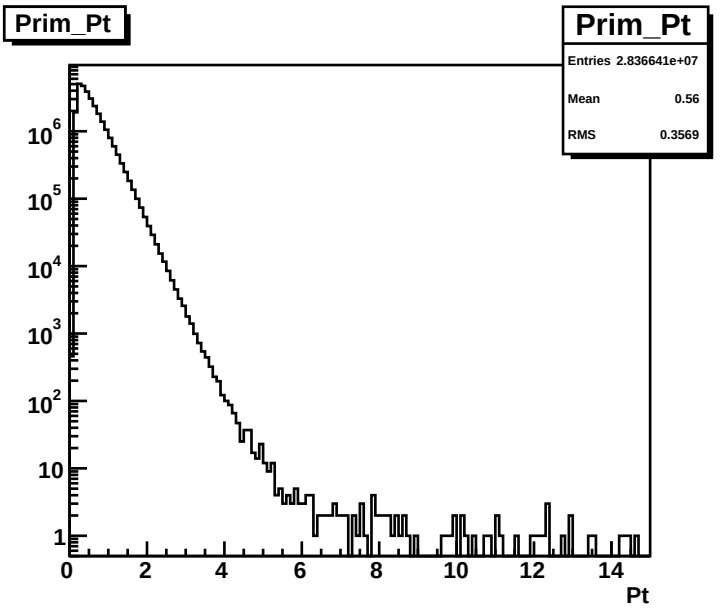

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

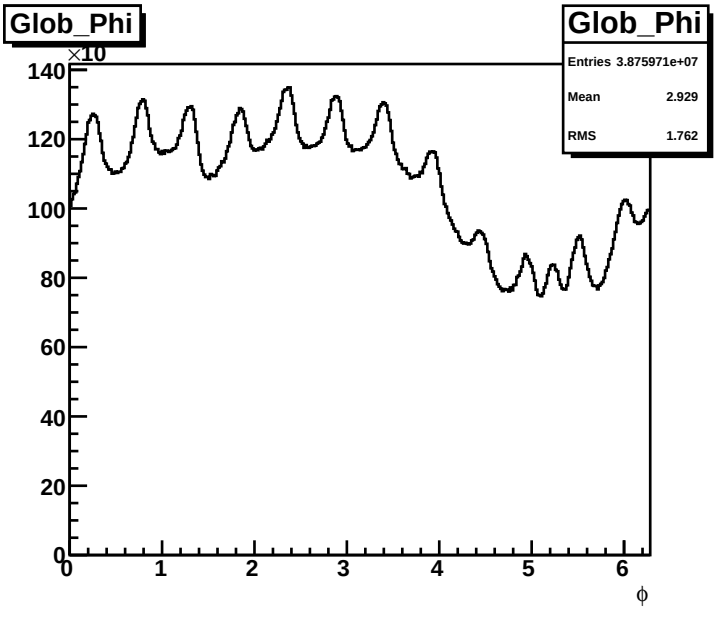

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

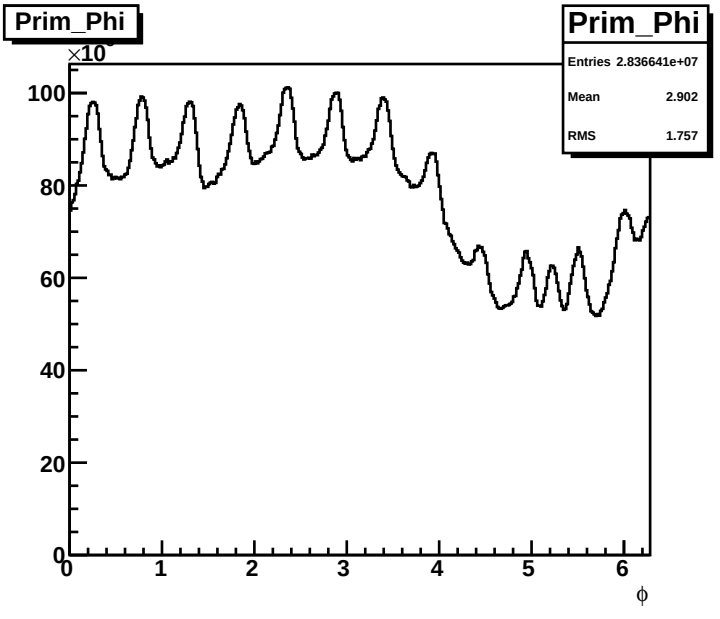

nHits
Entries 1.875391e+08
Mean 15.82
RMS 10.82
nHits

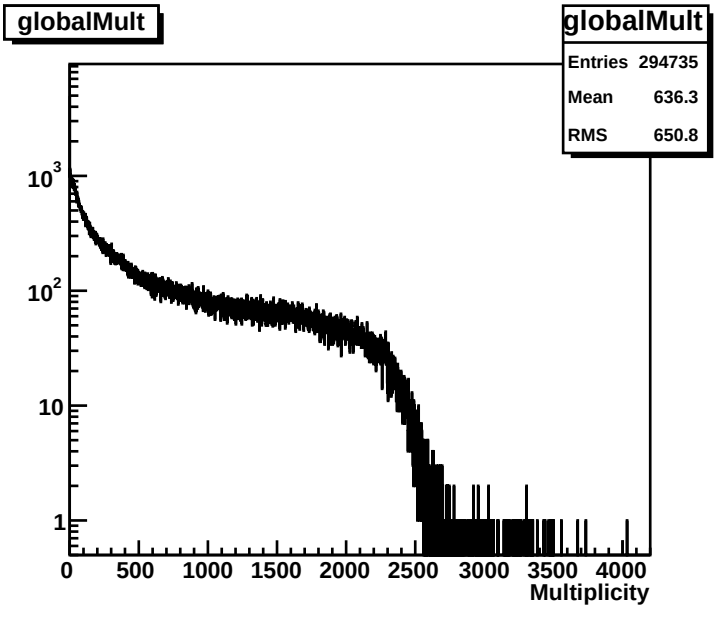

Ln_dEdx
Entries 3463423
Mean -12.9
RMS 0.1453
log(dEdx) GeV/cm)

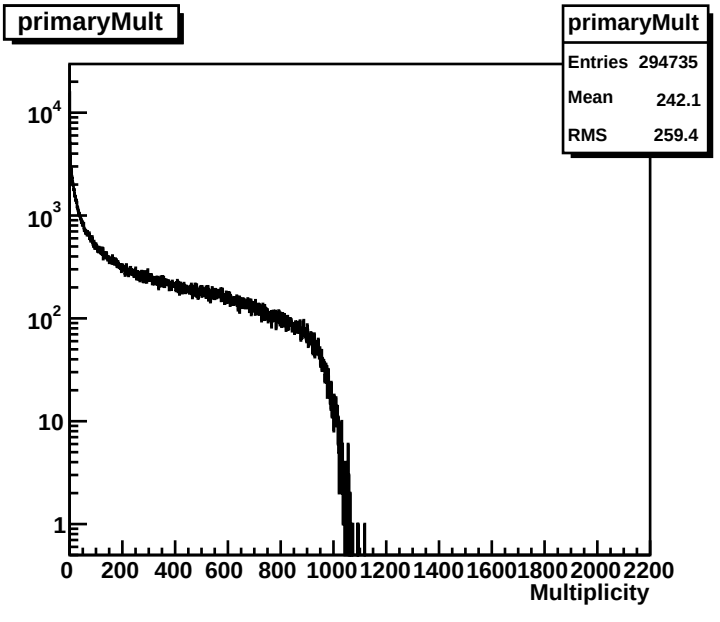

Glob_Pt
Glob_Pt
Entries 3.875971e+07
Mean 0.5111
RMS 0.3574
Pt

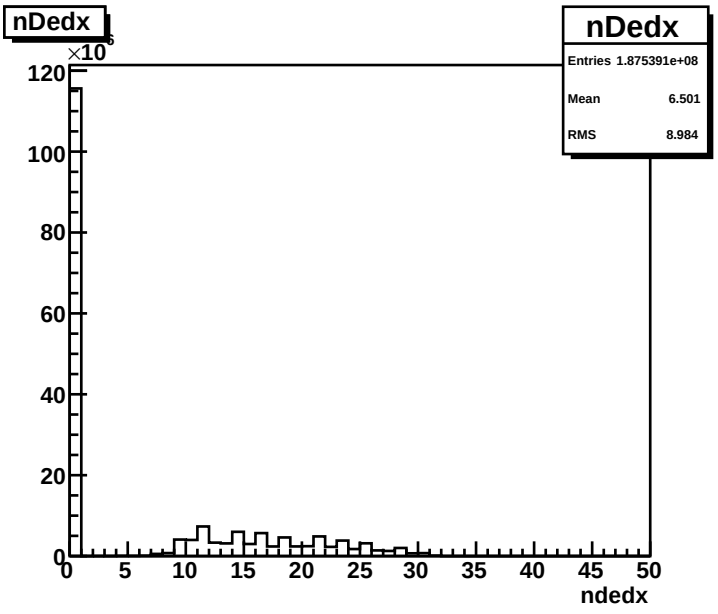

Prim_Pt
Prim_Pt
Entries 2.836641e+07
Mean 0.56
RMS 0.3569
Pt

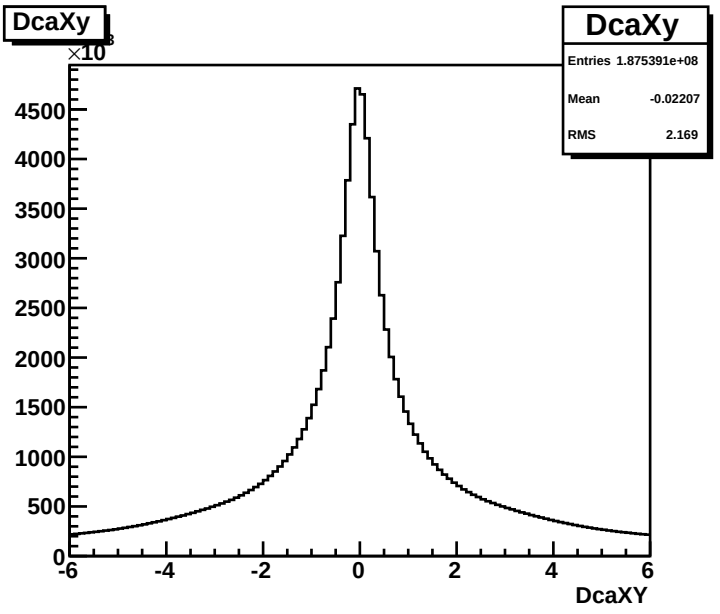

Glob_Phi
Glob_Phi
Entries 3.875971e+07
Mean 2.929
RMS 1.762
φ

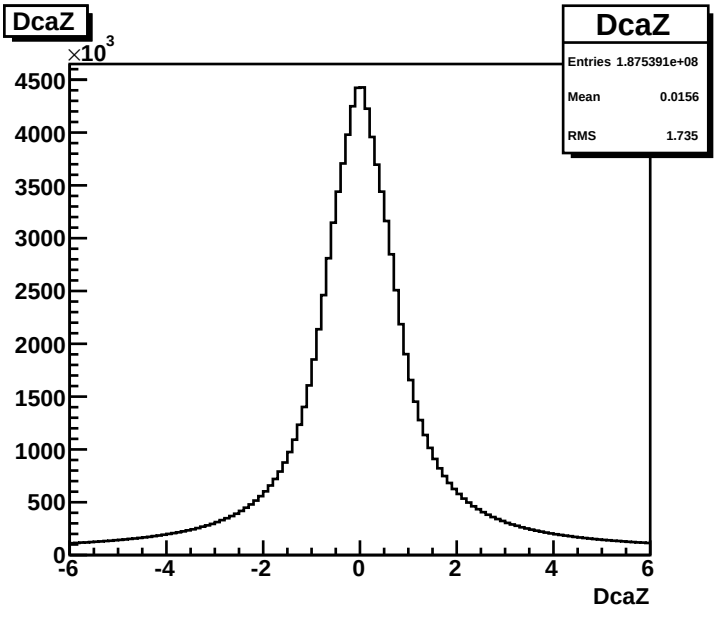

Prim_Phi
Prim_Phi
Entries 2.836641e+07
Mean 2.902
RMS 1.757
φ

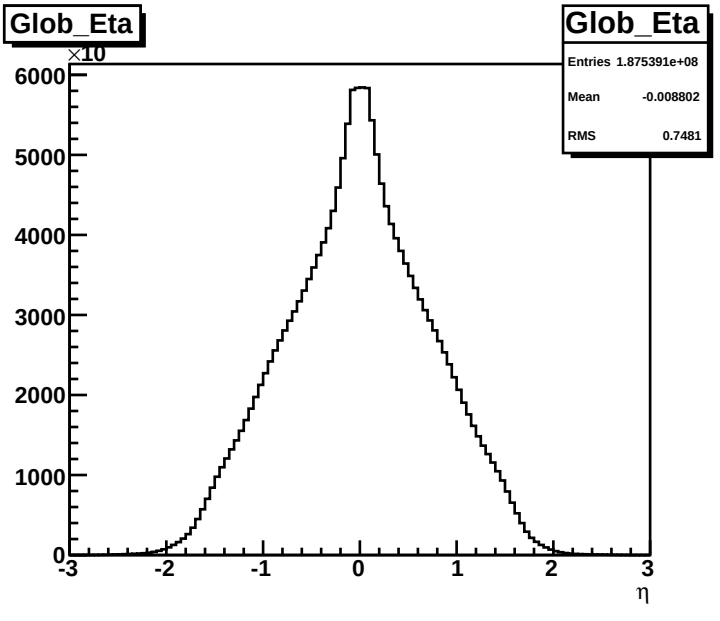

globalMult
globalMult
Entries 294735
Mean 636.3
RMS 650.8
Multiplicity

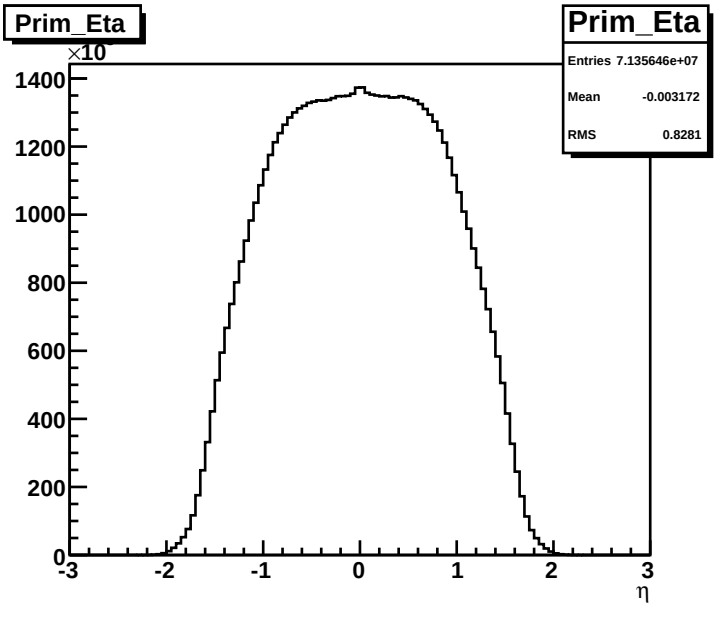

primaryMult
primaryMult
Entries 294735
Mean 242.1
RMS 259.4
Multiplicity

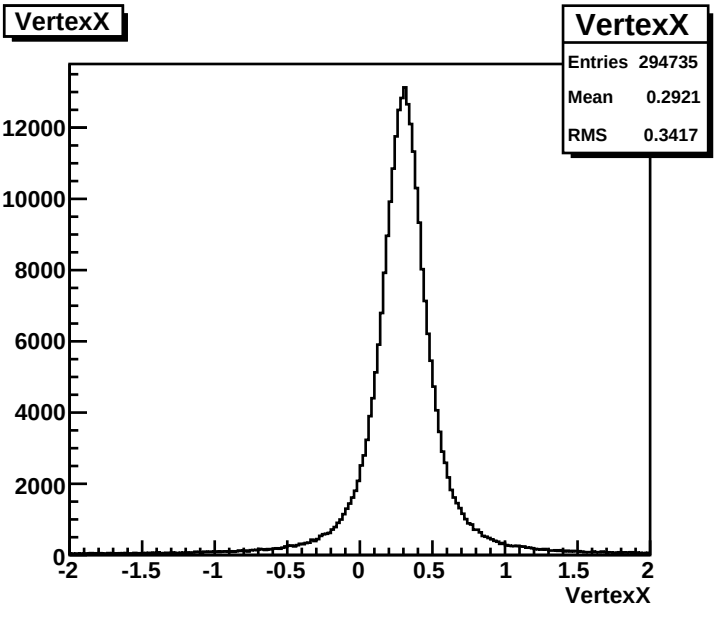

nDedx
nDedx
Entries 1.875391e+08
Mean 6.501
RMS 8.984
ndedx

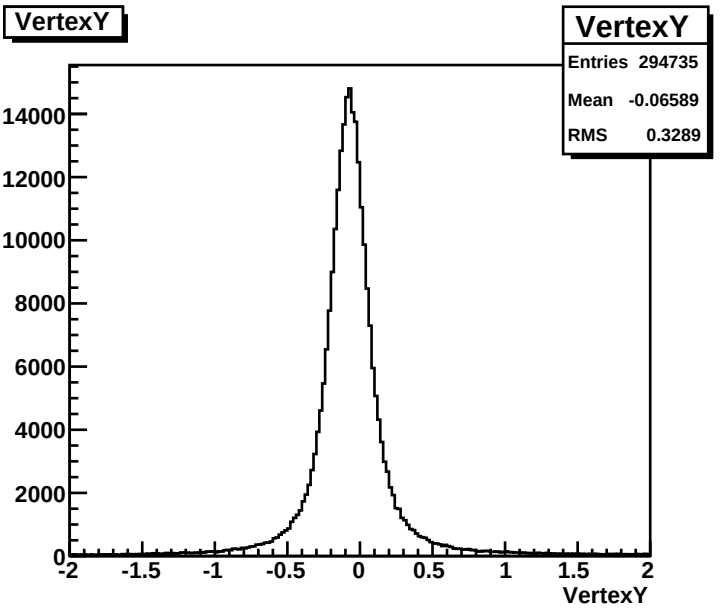

DcaXy
DcaXy
Entries 1.875391e+08
Mean -0.02207
RMS 2.169
DcaXY

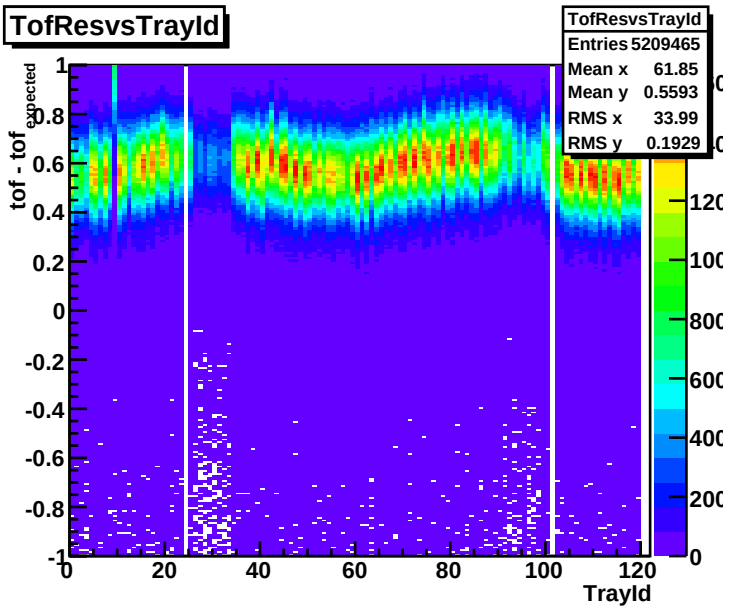

DcaZ
DcaZ
Entries 1.875391e+08
Mean 0.0156
RMS 1.735
DcaZ

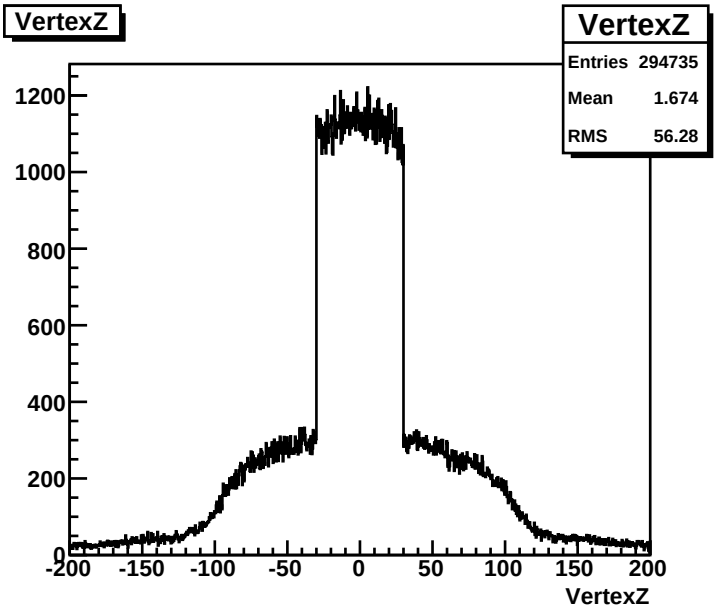

Glob_Eta
Glob_Eta
Entries 1.875391e+08
Mean -0.008802
RMS 0.7481
η

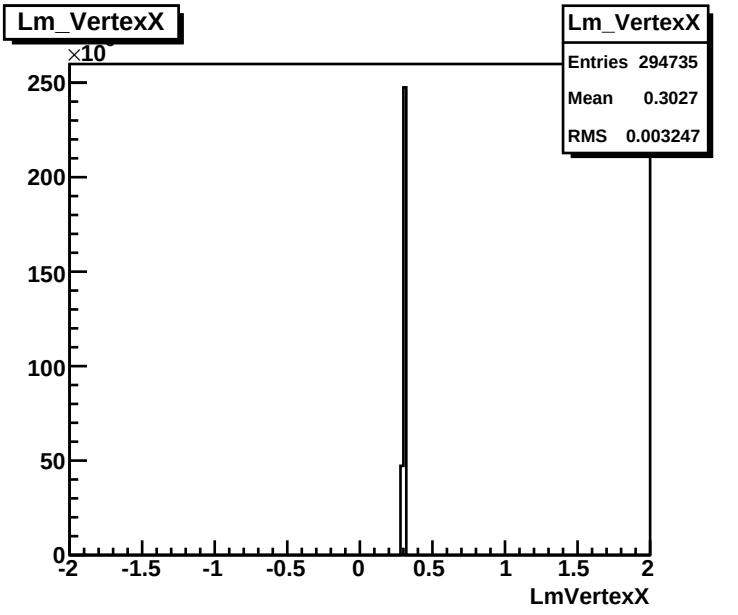

Prim_Eta
Prim_Eta
Entries 7.135646e+07
Mean -0.003172
RMS 0.8281
η

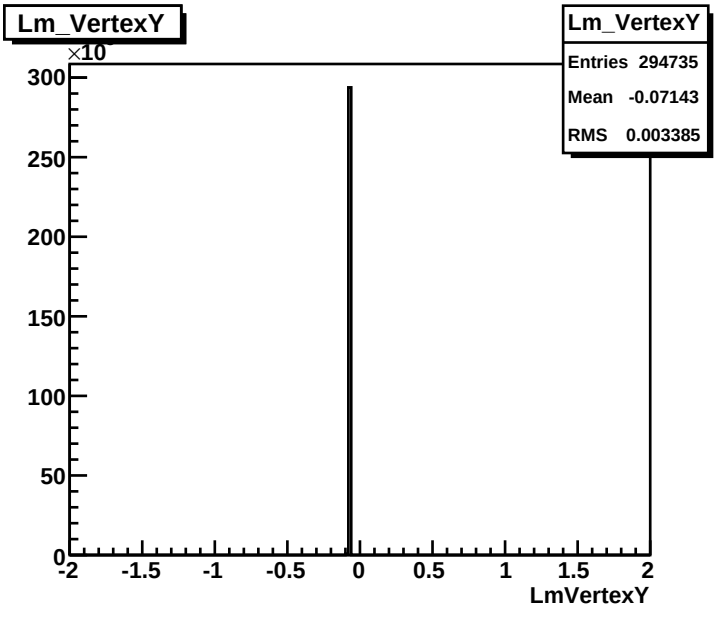

VertexX
VertexX
Entries 294735
Mean 0.2921
RMS 0.3417
VertexX

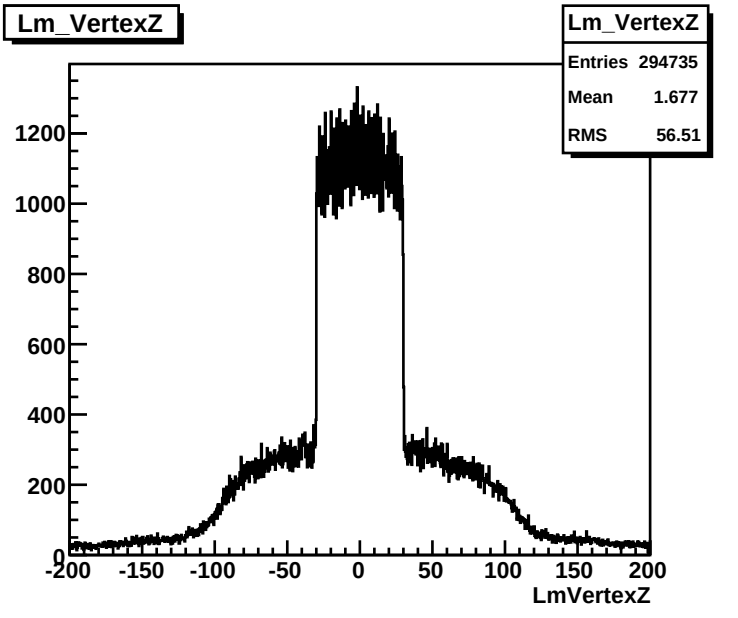

VertexY
VertexY
Entries 294735
Mean -0.06589
RMS 0.3289
VertexY

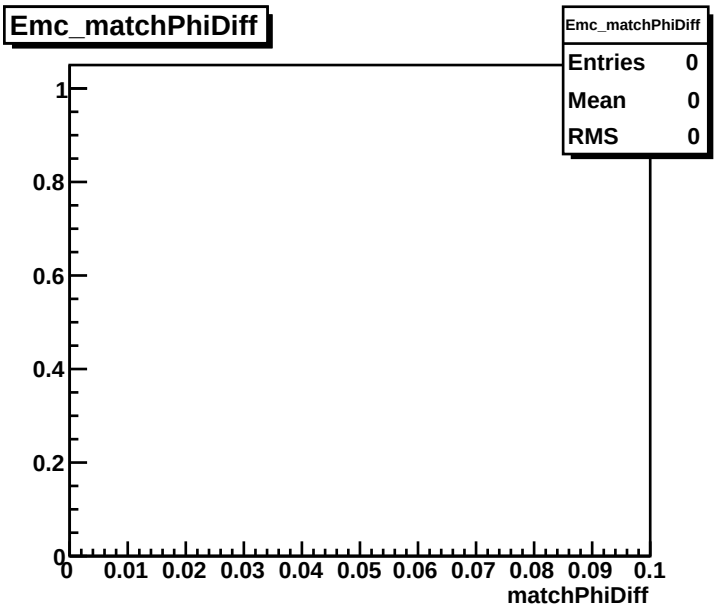

TofResvsTrayId
TofResvsTrayId
Entries 5209465
Mean x 61.85
Mean y 0.5593
RMS x 33.99
RMS y 0.1929
tof - tof expected
TrayId

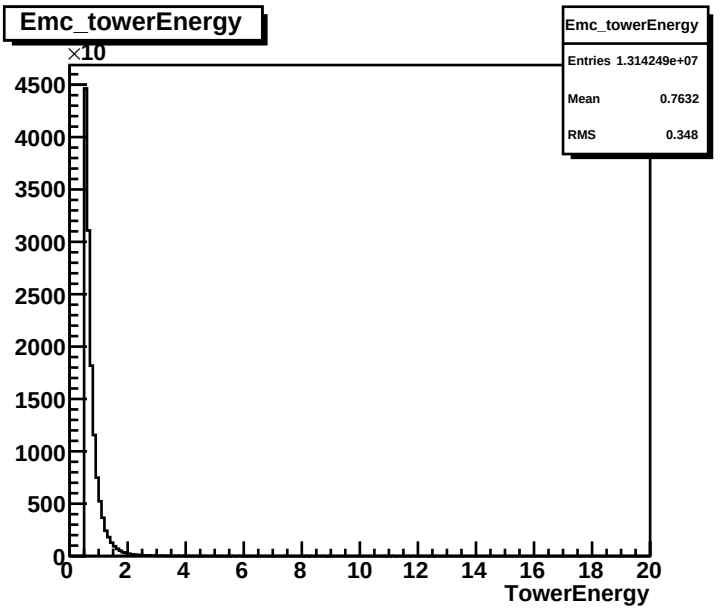

VertexZ
VertexZ
Entries 294735
Mean 1.674
RMS 56.28
VertexZ

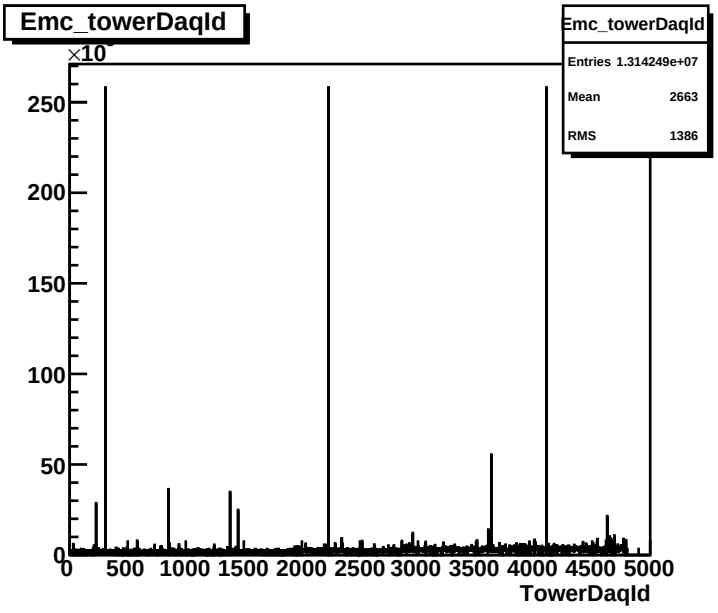

Lm_VertexX
Lm_VertexX
Entries 294735
Mean 0.3027
RMS 0.003247
LmVertexX

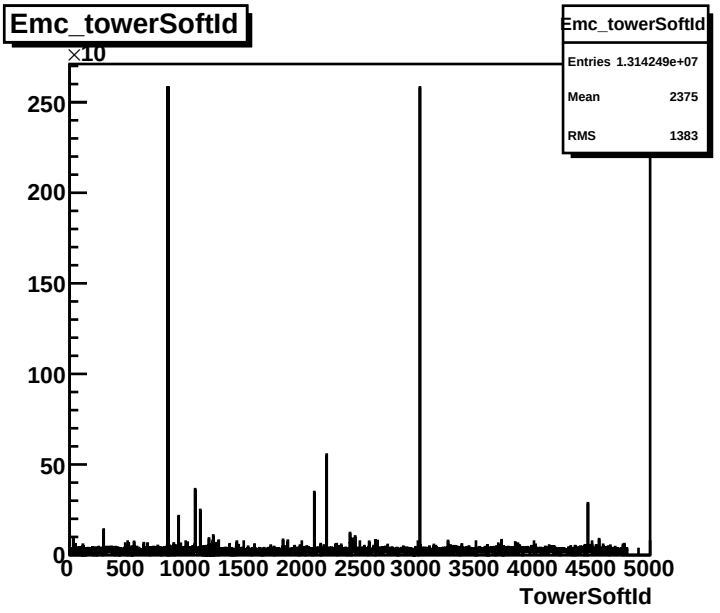

Lm_VertexY
Lm_VertexY
Entries 294735
Mean -0.07143
RMS 0.003385
LmVertexY

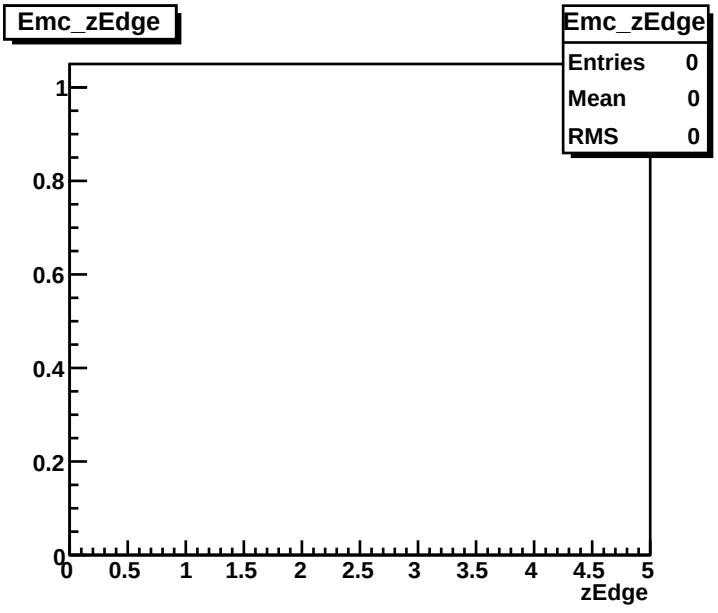

Lm_VertexZ
Lm_VertexZ
Entries 294735
Mean 1.677
RMS 56.51
LmVertexZ

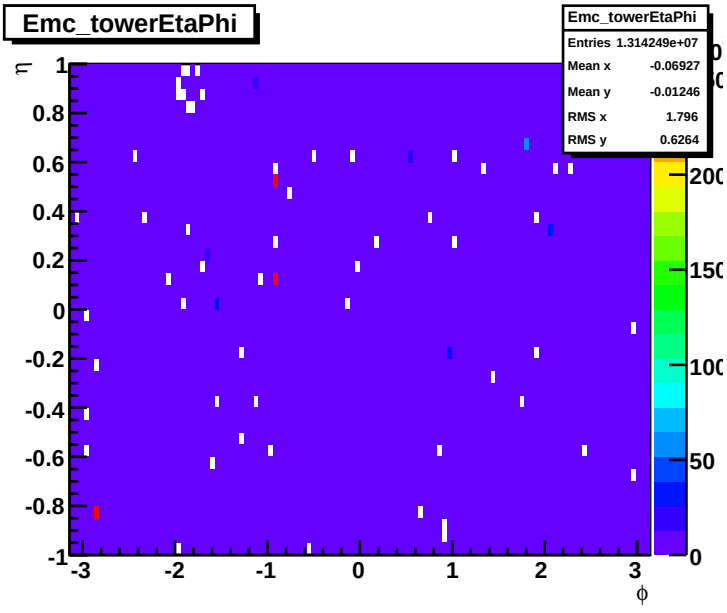

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

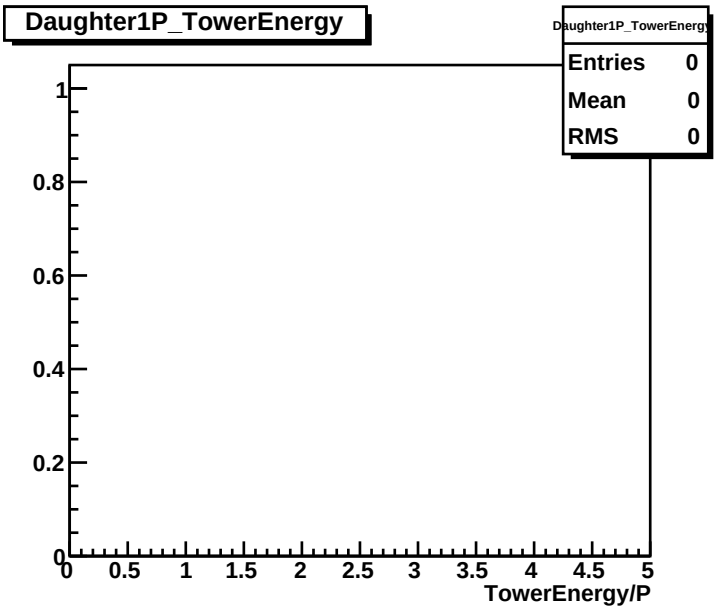

Emc_towerEnergy
Emc_towerEnergy
Entries 1.314249e+07
Mean 0.7632
RMS 0.348
TowerEnergy

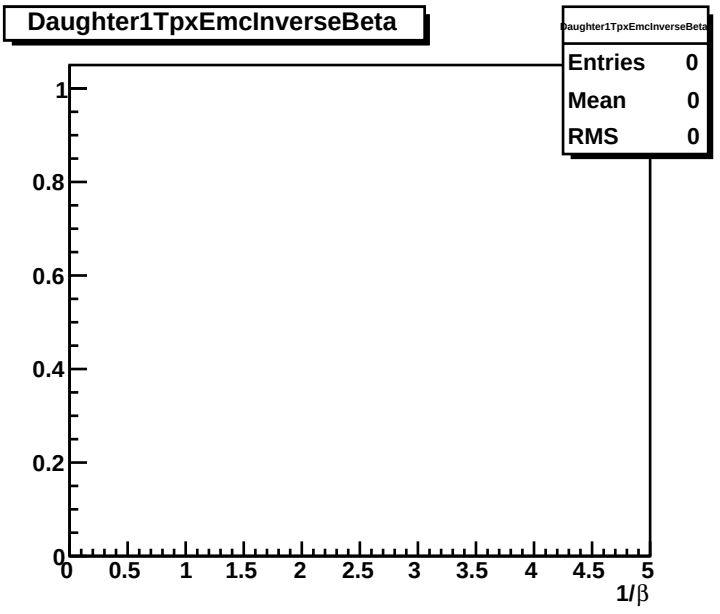

Emc_towerDaqId
Emc_towerDaqId
Entries 1.314249e+07
Mean 2663
RMS 1386
TowerDaqId

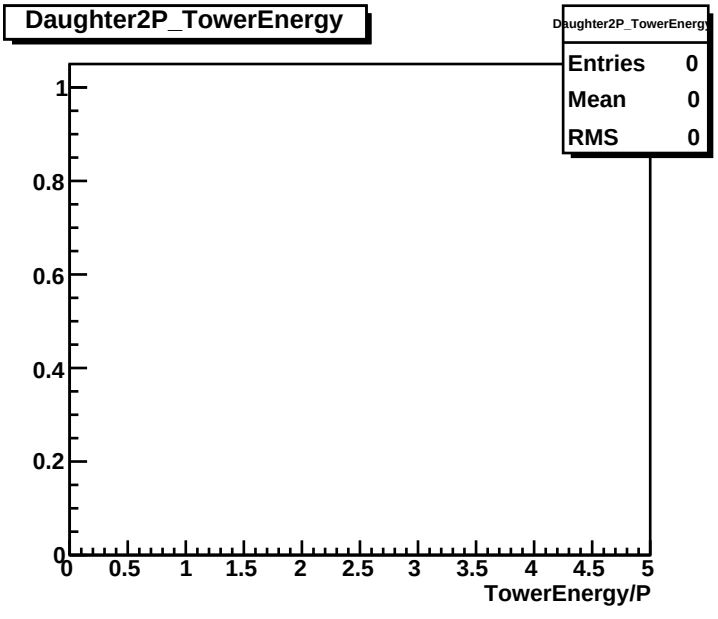

Emc_towerSoftId
Emc_towerSoftId
Entries 1.314249e+07
Mean 2375
RMS 1383
TowerSoftId

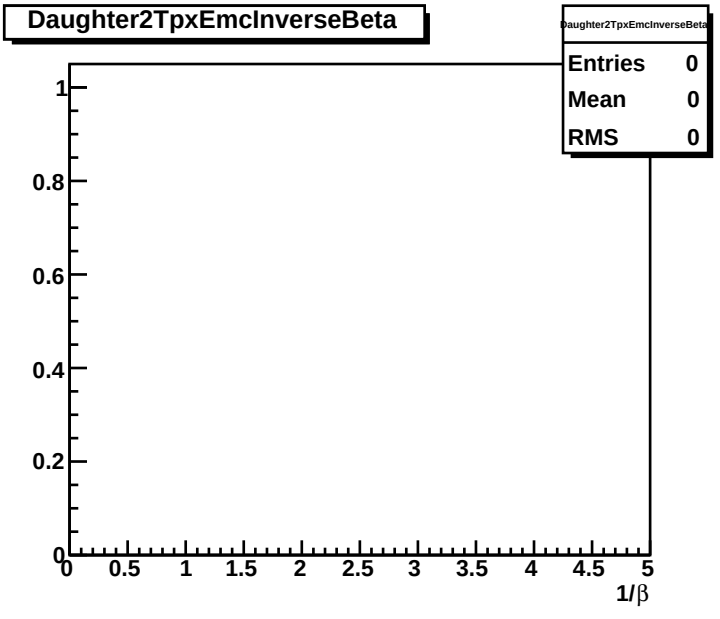

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

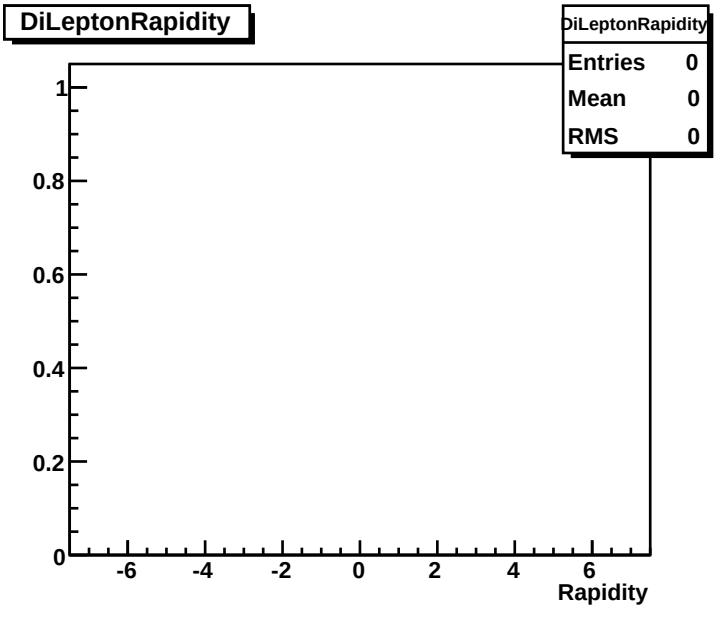

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 1.314249e+07
Mean x -0.06927
Mean y -0.01246
RMS x 1.796
RMS y 0.6264
η
ϕ

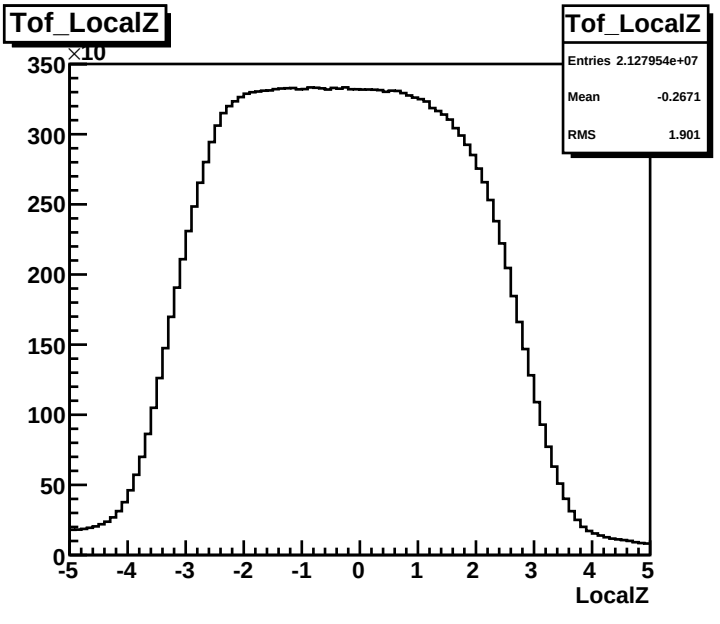

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

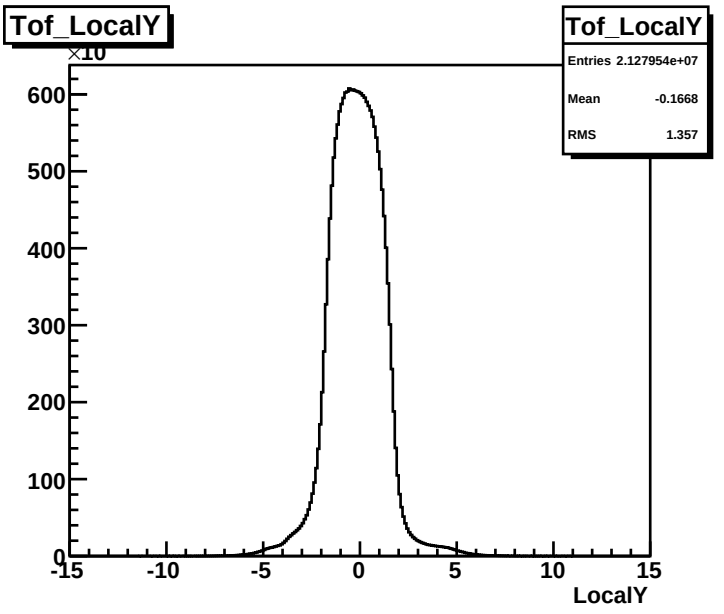

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

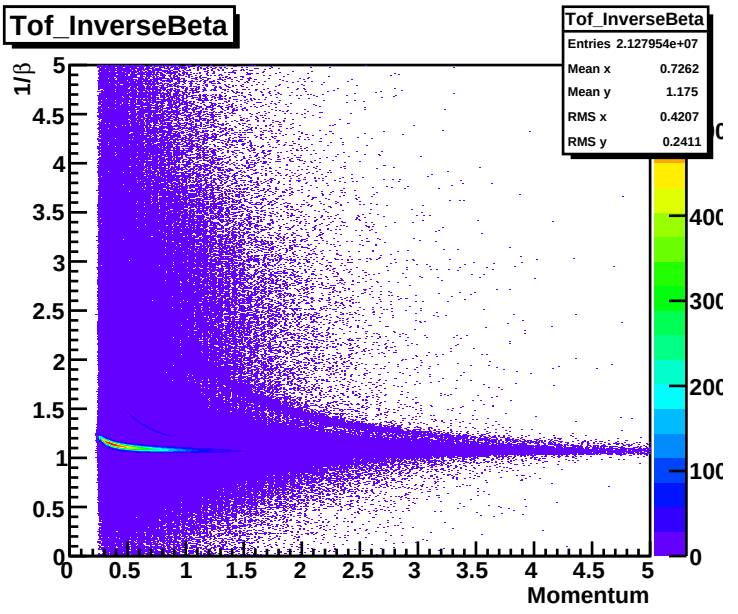

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

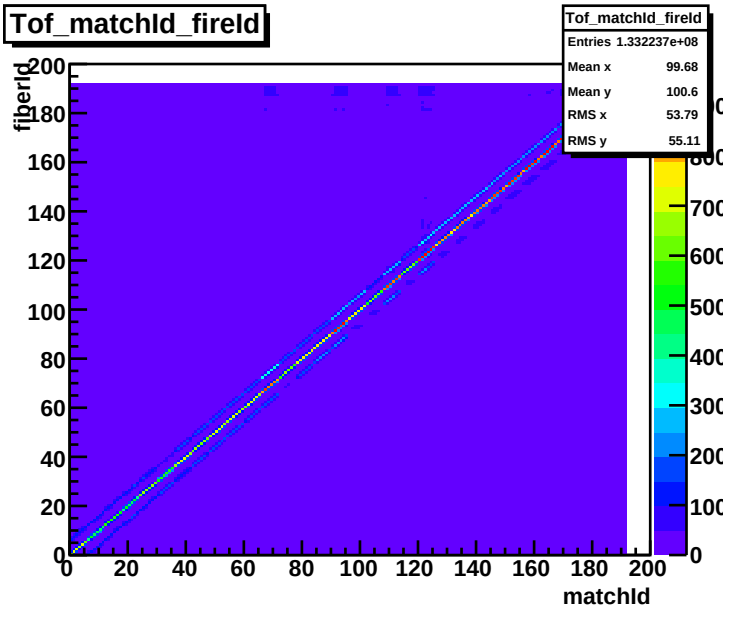

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

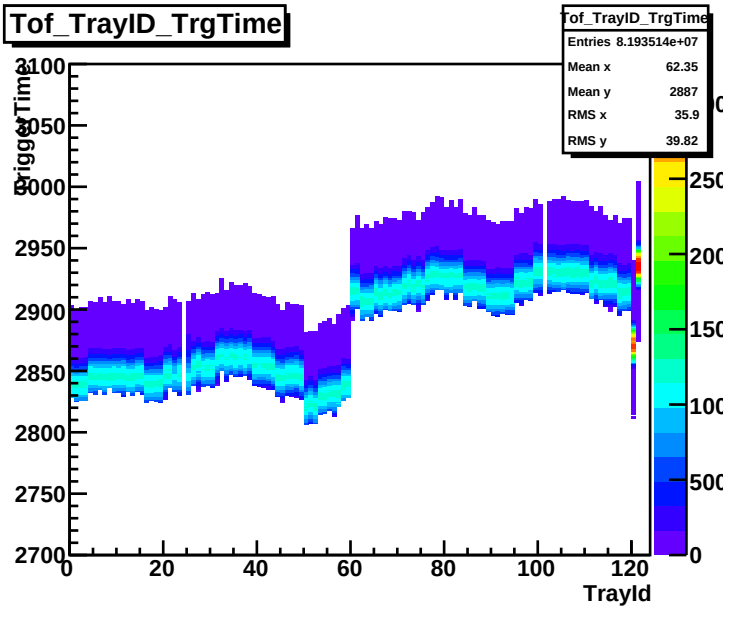

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

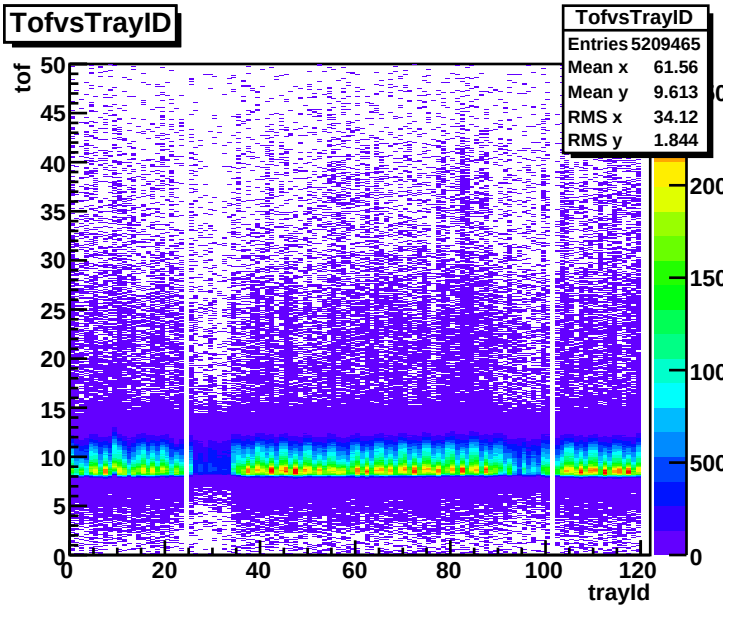

Tof_LocalZ
Tof_LocalZ
Entries 2.127954e+07
Mean -0.2671
RMS 1.901
×10
LocalZ

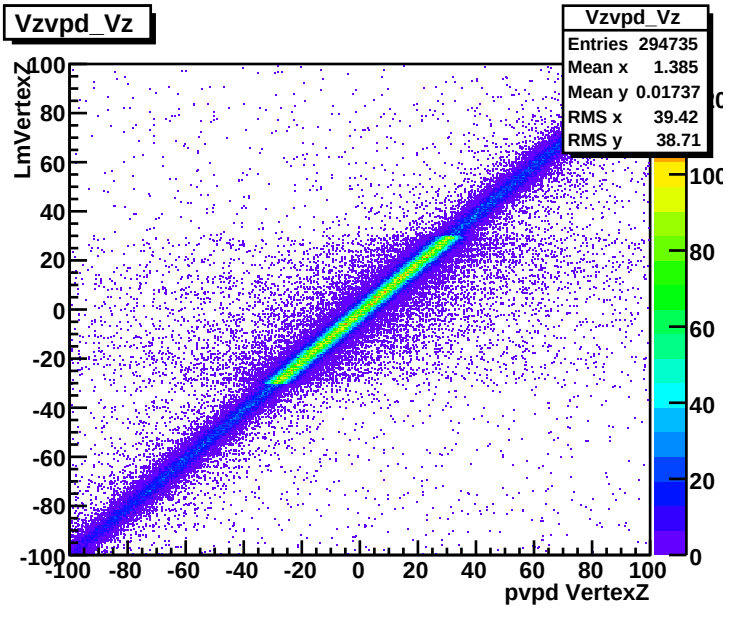

Tof_LocalY
Tof_LocalY
Entries 2.127954e+07
Mean -0.1668
RMS 1.357
×10
LocalY

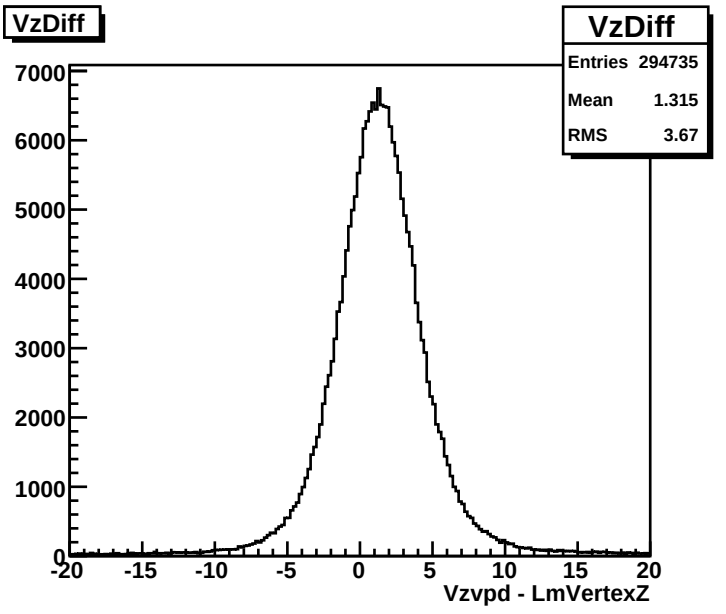

Tof_InverseBeta
Tof_InverseBeta
Entries 2.127954e+07
Mean x 0.7262
Mean y 1.175
RMS x 0.4207
RMS y 0.2411
1/β
Momentum

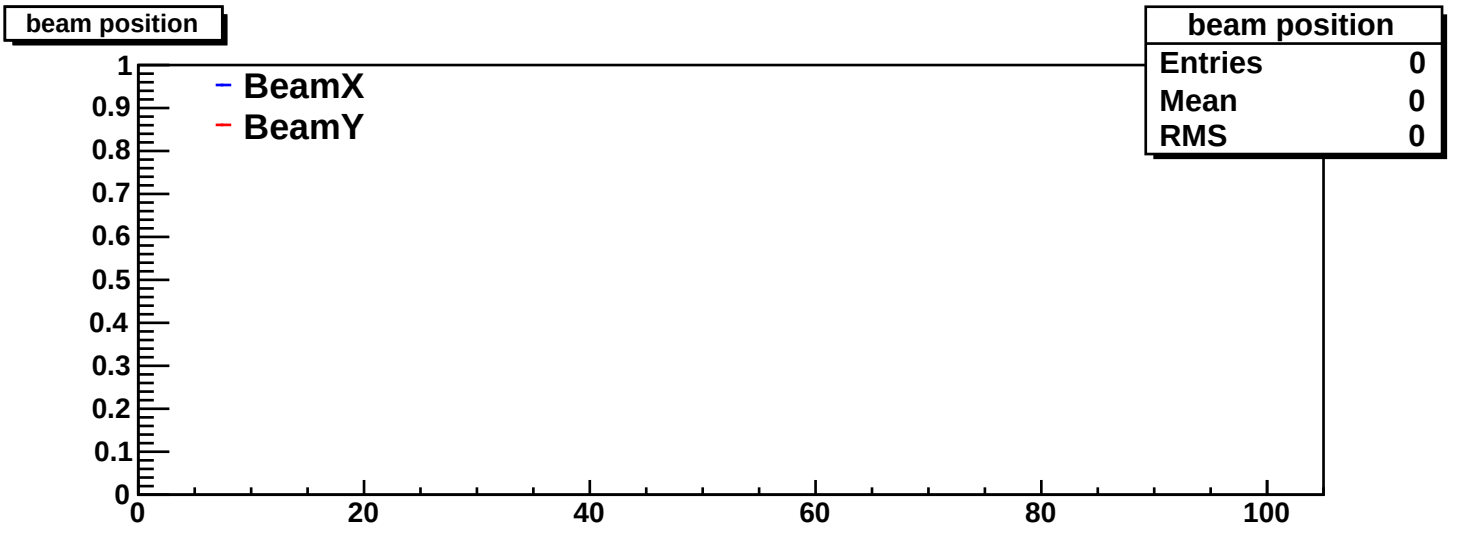

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1.332237e+08
Mean x 99.68
Mean y 100.6
RMS x 53.79
RMS y 55.11
fiberId
matchId

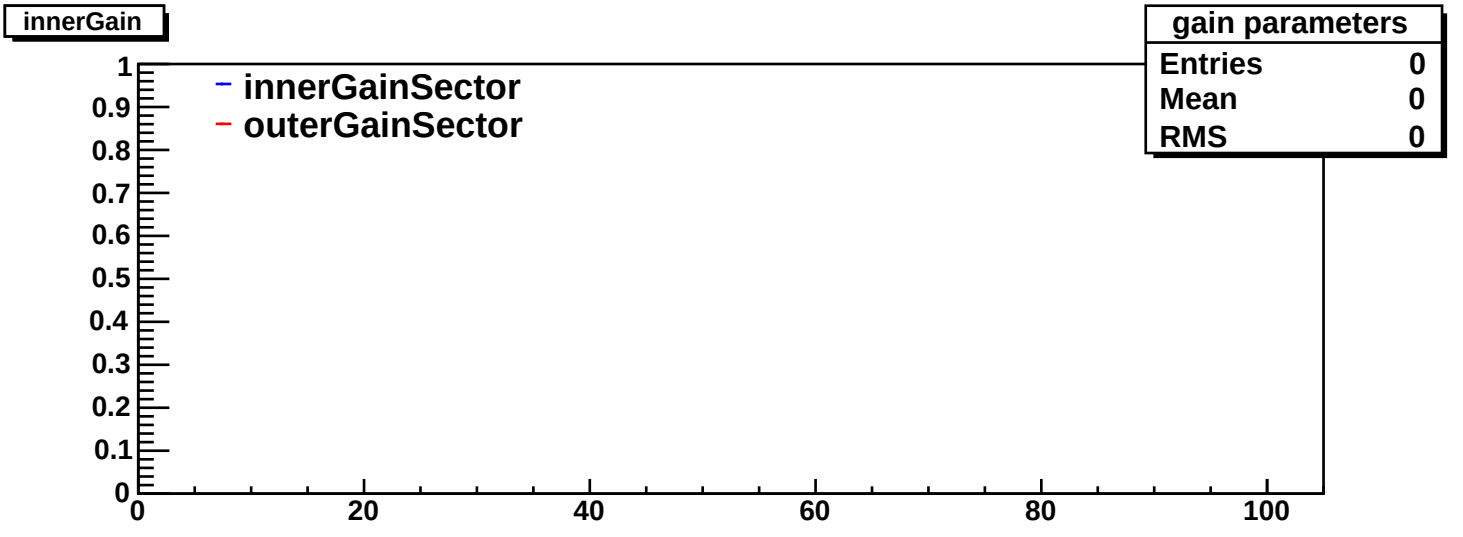

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 8.193514e+07
Mean x 62.35
Mean y 2887
RMS x 35.9
RMS y 39.82
TrayId

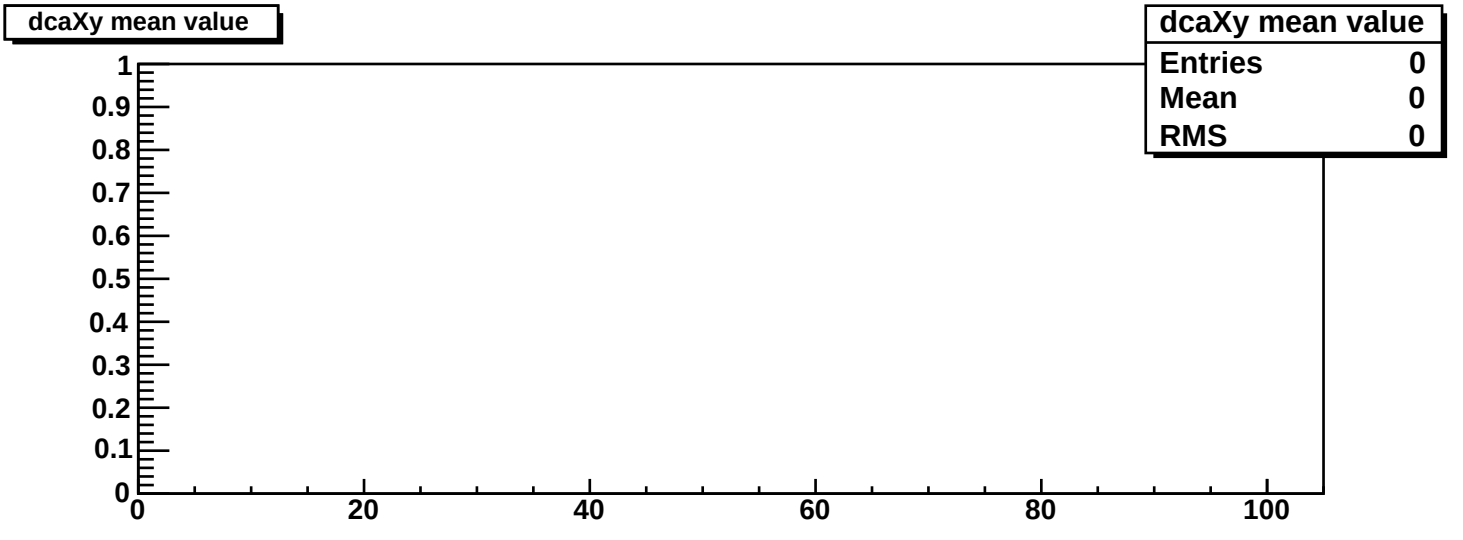

TofvsTrayID
TofvsTrayID
Entries 5209465
Mean x 61.56
Mean y 9.613
RMS x 34.12
RMS y 1.844
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 294735
Mean x 1.385
Mean y 0.01737
RMS x 39.42
RMS y 38.71
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 294735
Mean 1.315
RMS 3.67
7000
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