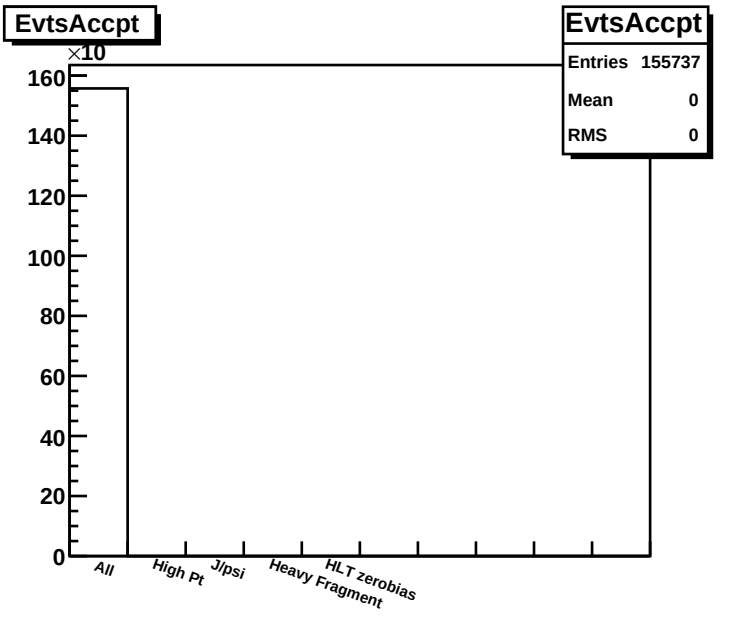
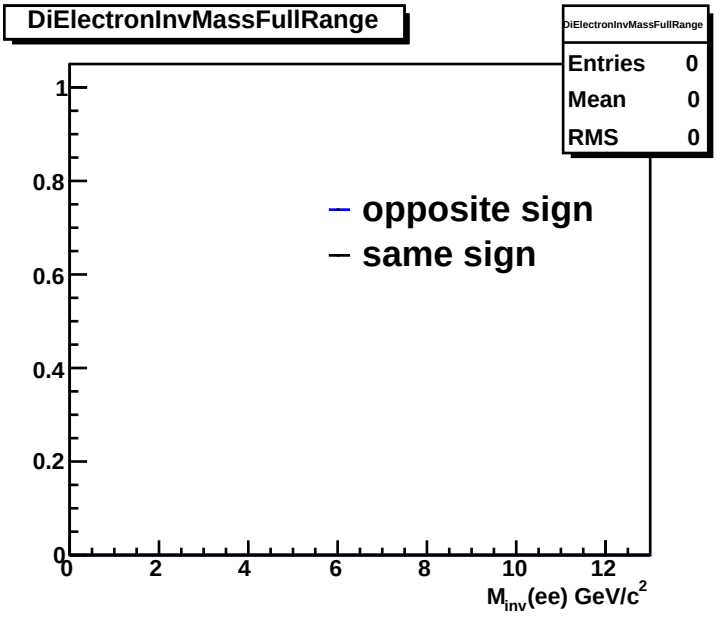
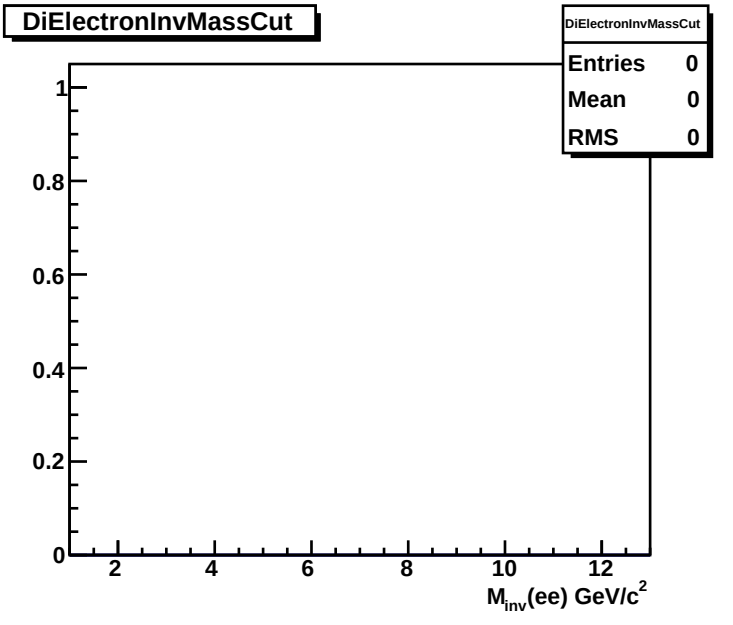
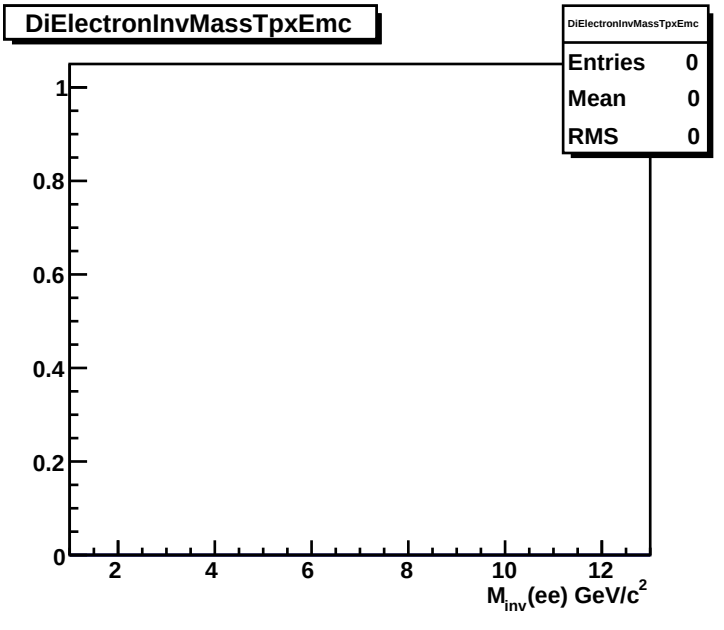
This file is produced on

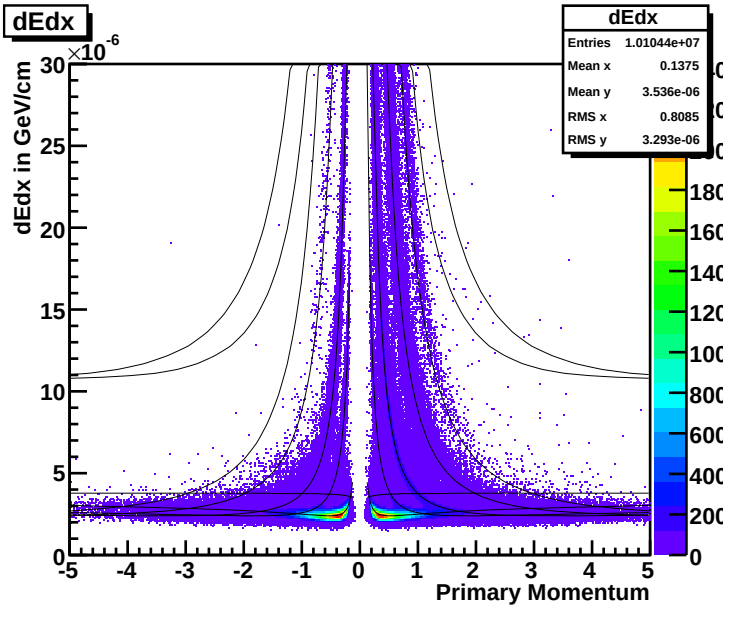
Wed Jun 22 01:04:45 2011

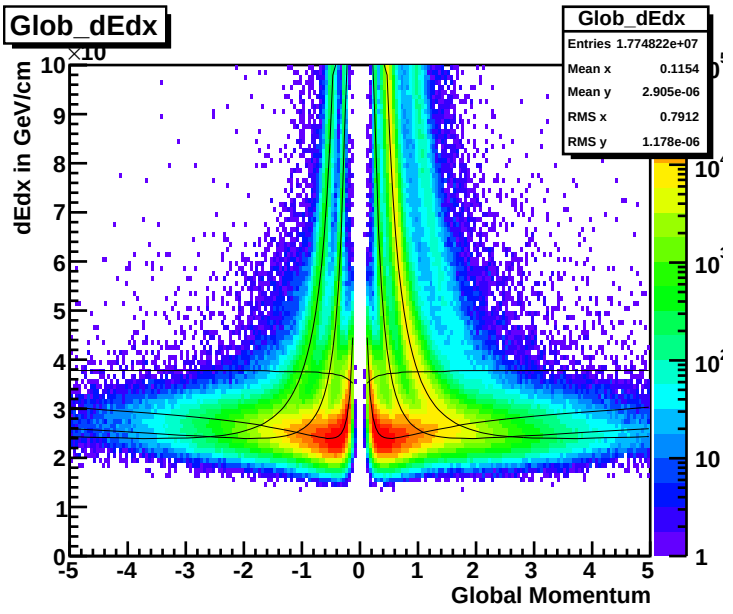


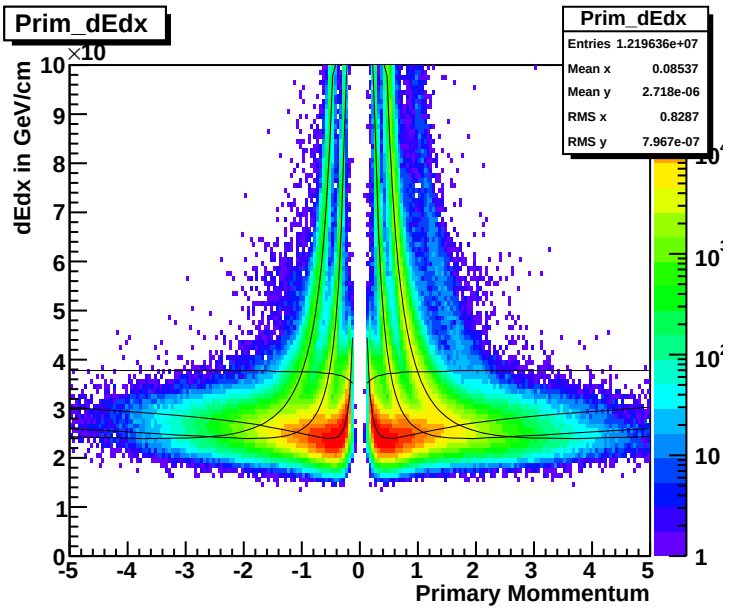


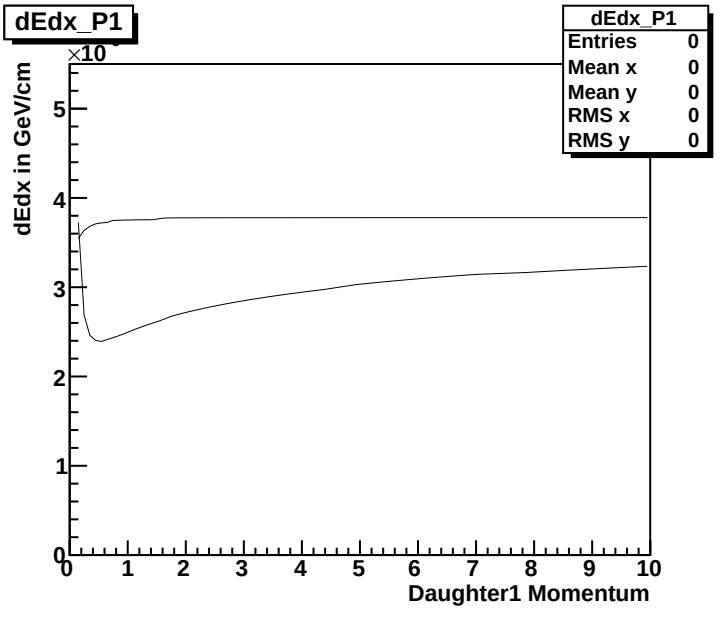


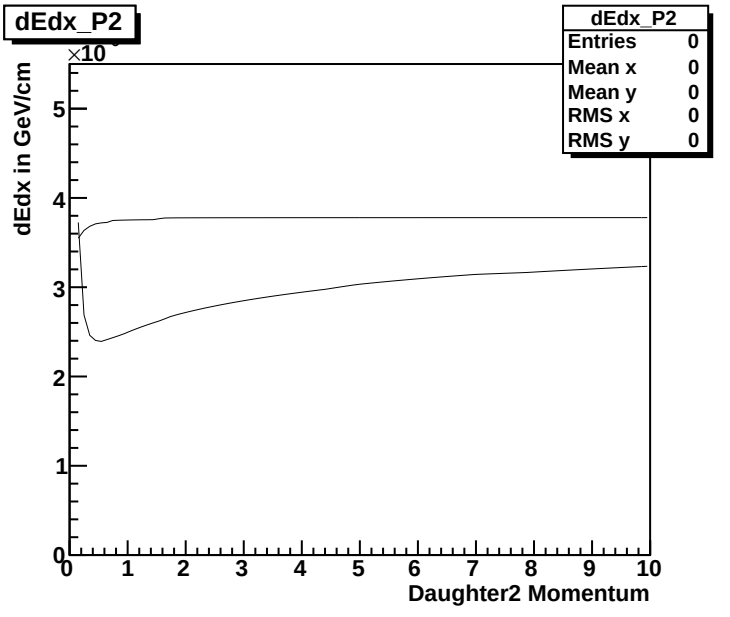


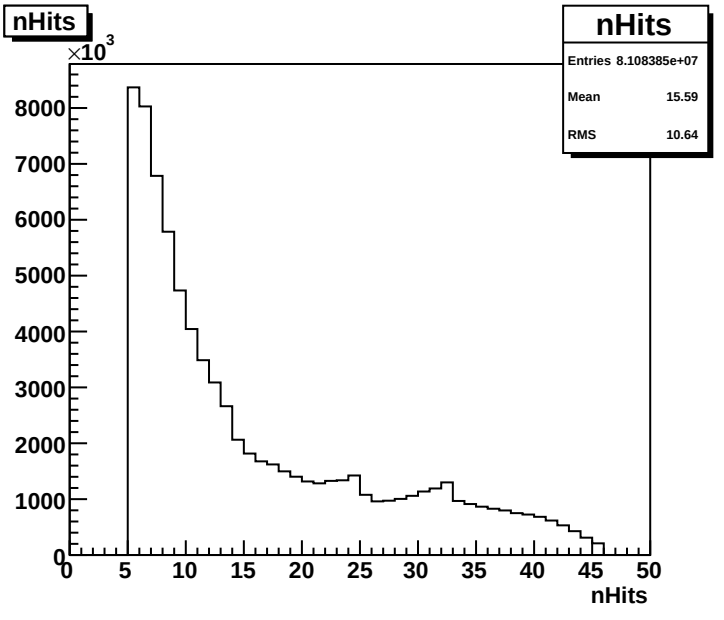


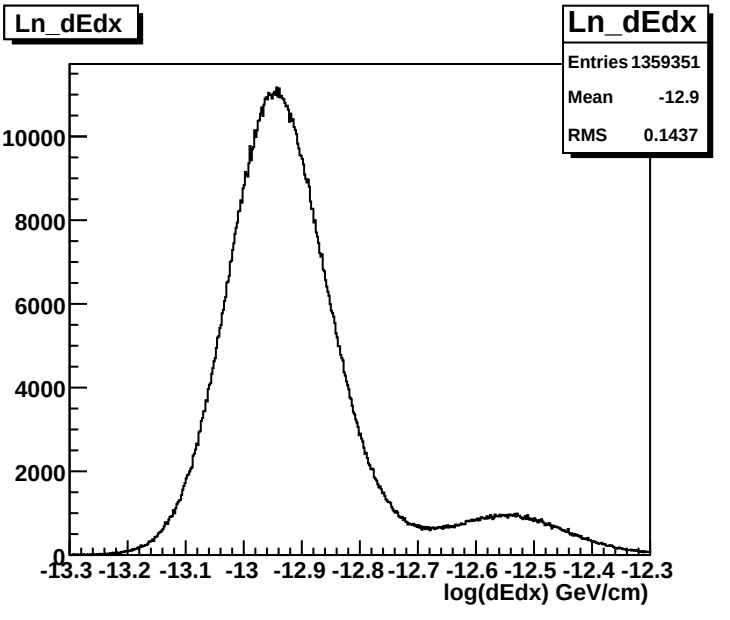

Glob_dEdx
Glob_dEdx
Entries 1.774822e+07
Mean x 0.1154
Mean y 2.905e-06
RMS x 0.7912
RMS y 1.178e-06
dEdx in GeV/cm
Global Momentum

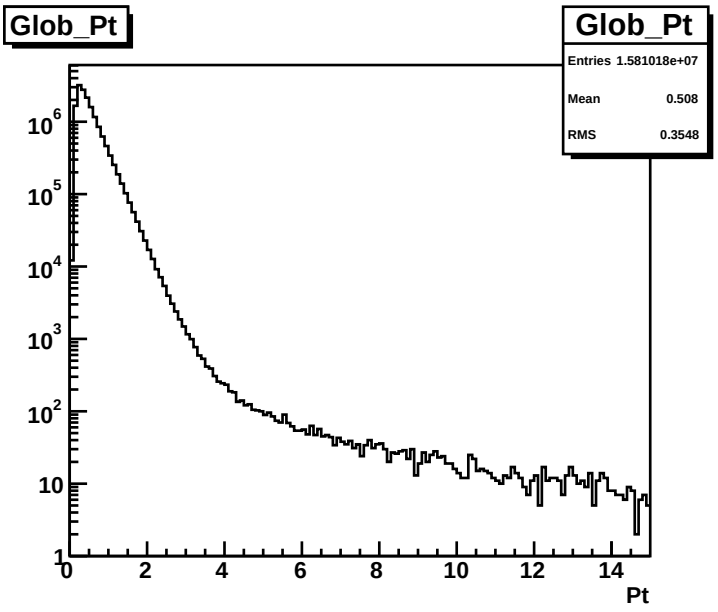

Prim_dEdx
Prim_dEdx
Entries 1.219636e+07
Mean x 0.08537
Mean y 2.718e-06
RMS x 0.8287
RMS y 7.967e-07
dEdx in GeV/cm
Primary Mommentum

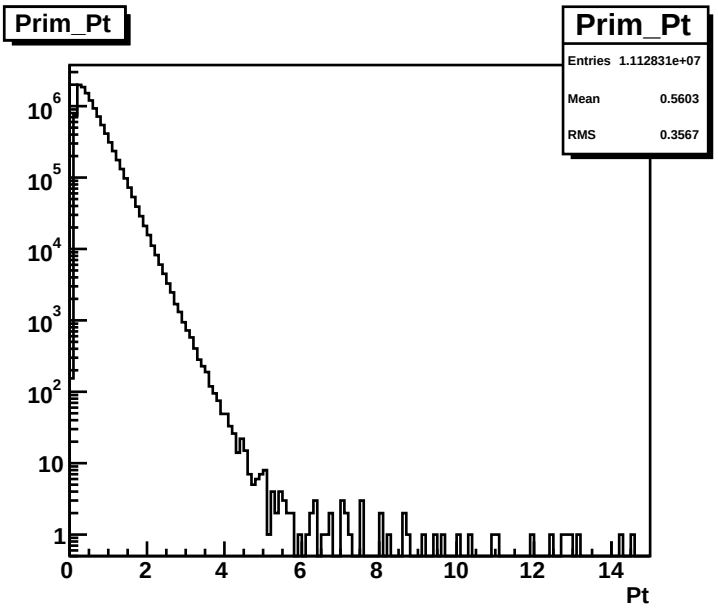

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

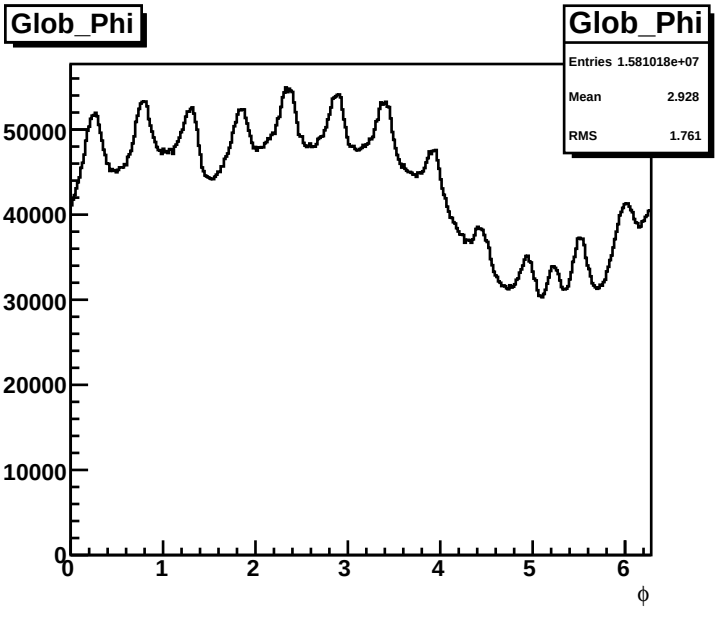

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

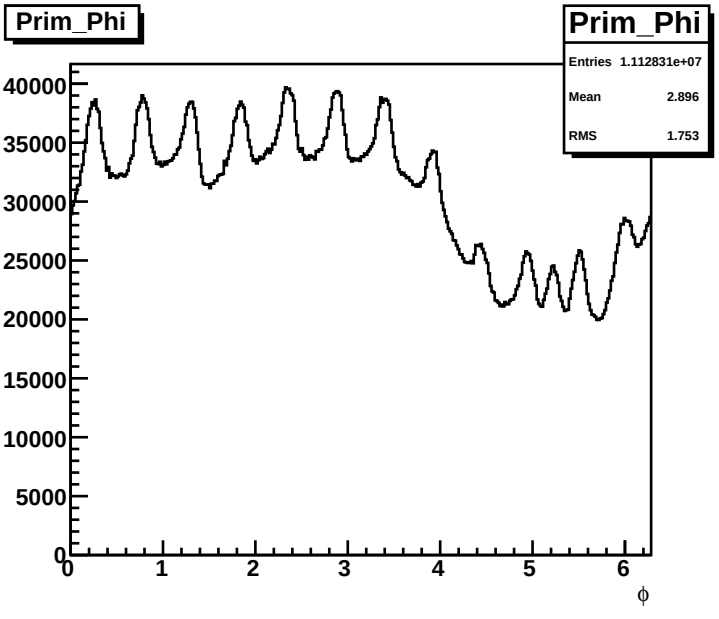

nHits
nHits
Entries 8.108385e+07
Mean 15.59
RMS 10.64
nHits

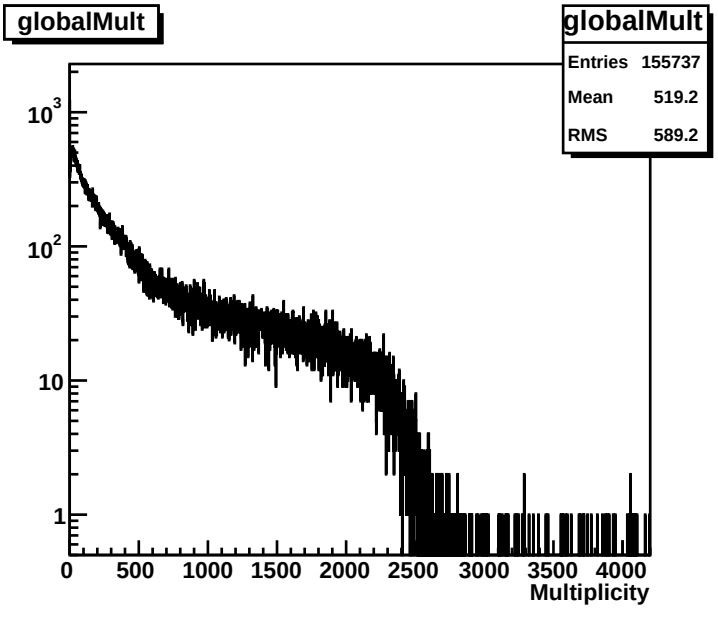

Ln_dEdx
Ln_dEdx
Entries 1359351
Mean -12.9
RMS 0.1437
log(dEdx) GeV/cm)

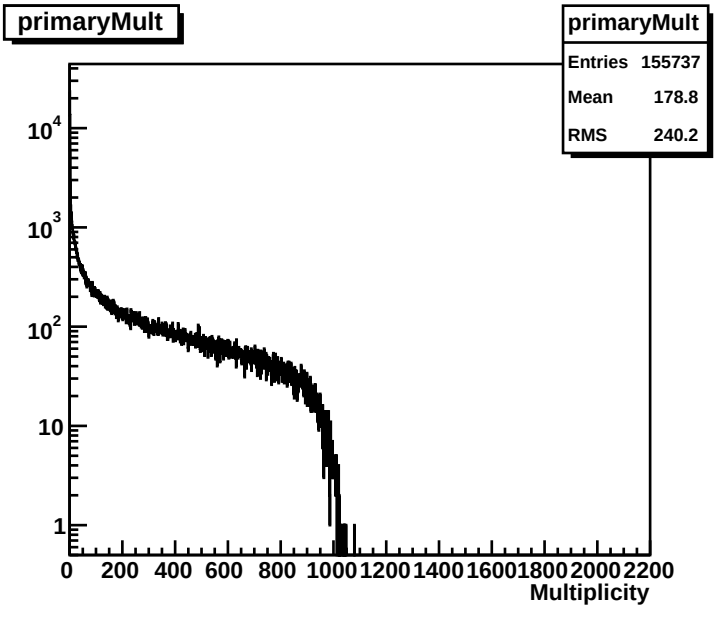

Glob_Pt
Glob_Pt
Entries 1.581018e+07
Mean 0.508
RMS 0.3548
Pt

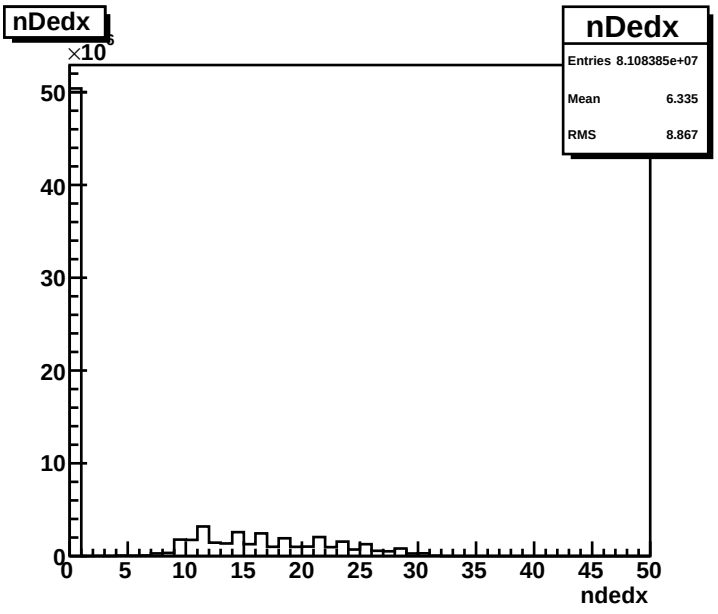

Prim_Pt
Prim_Pt
Entries 1.112831e+07
Mean 0.5603
RMS 0.3567
Pt

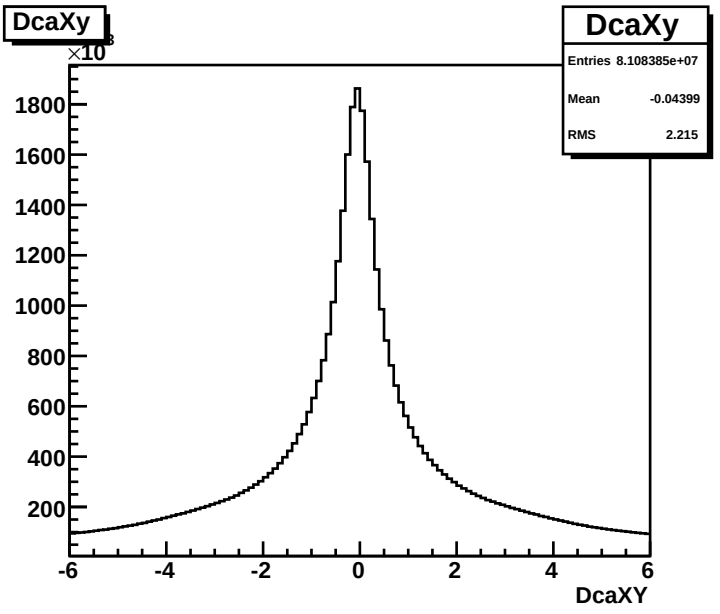

Glob_Phi
Glob_Phi
Entries 1.581018e+07
Mean 2.928
RMS 1.761
ϕ

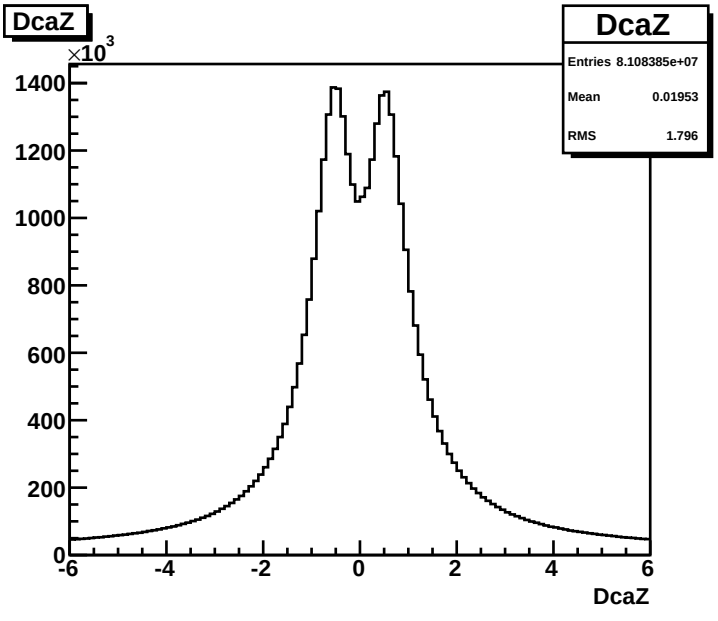

Prim_Phi
Prim_Phi
Entries 1.112831e+07
Mean 2.896
RMS 1.753
ϕ

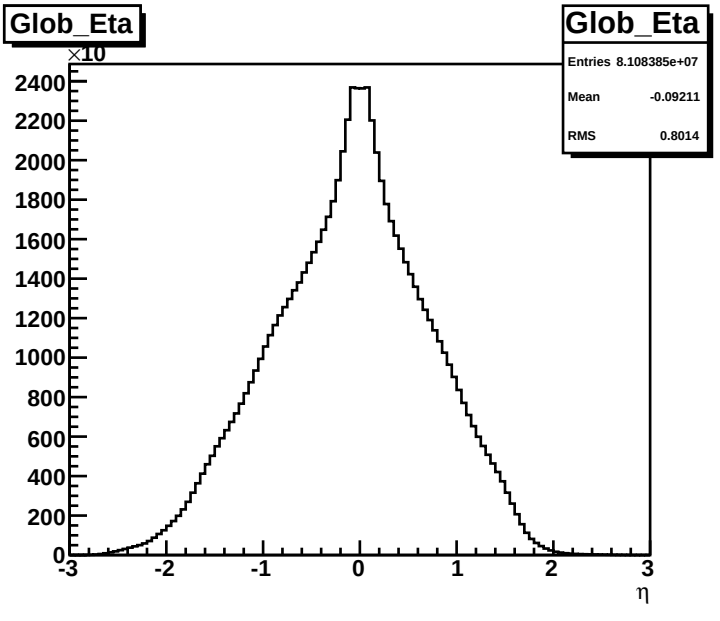

globalMult
globalMult
Entries 155737
Mean 519.2
RMS 589.2
Multiplicity

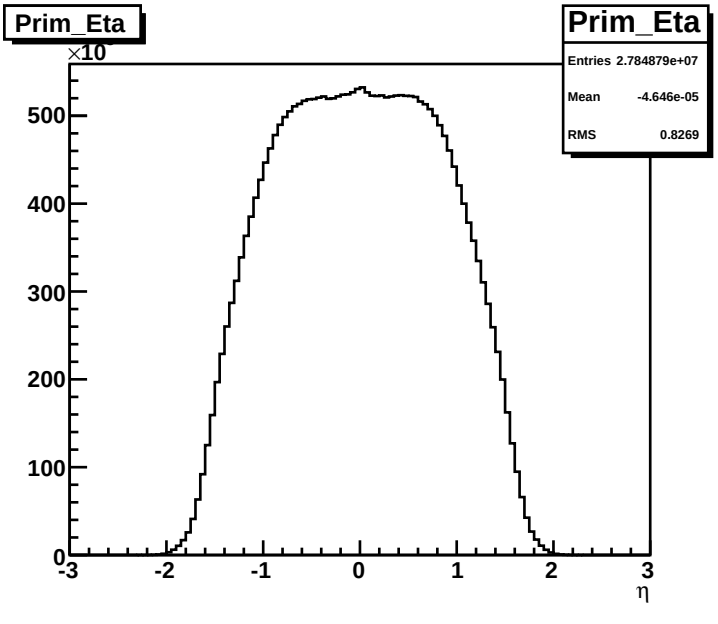

primaryMult
primaryMult
Entries 155737
Mean 178.8
RMS 240.2
Multiplicity

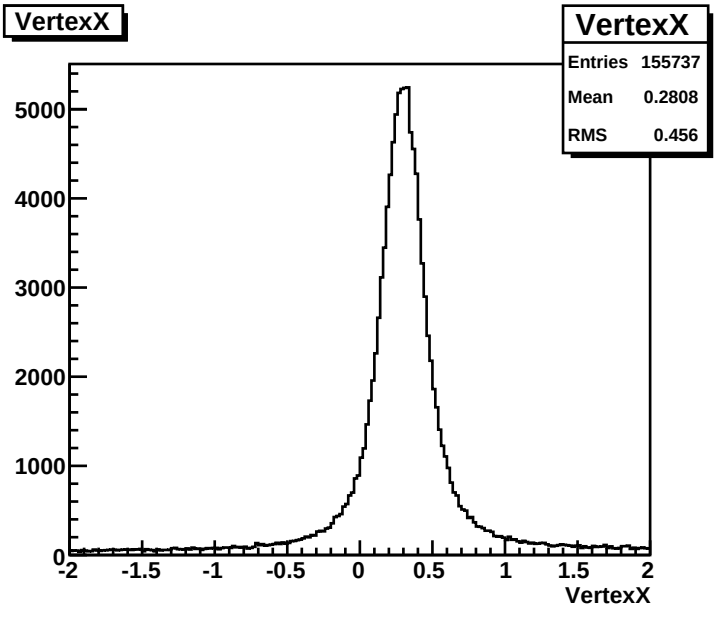

nDedx
nDedx
Entries 8.108385e+07
Mean 6.335
RMS 8.867
ndedx

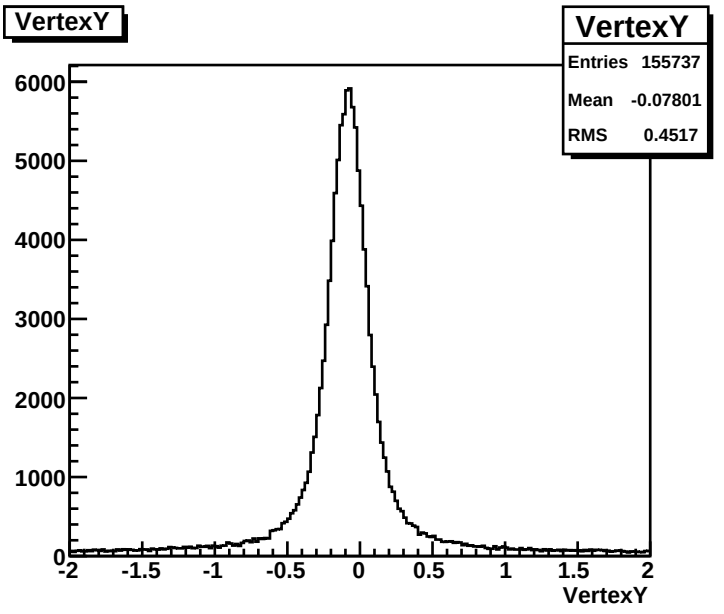

DcaXy
DcaXy
Entries 8.108385e+07
Mean -0.04399
RMS 2.215
DcaXY

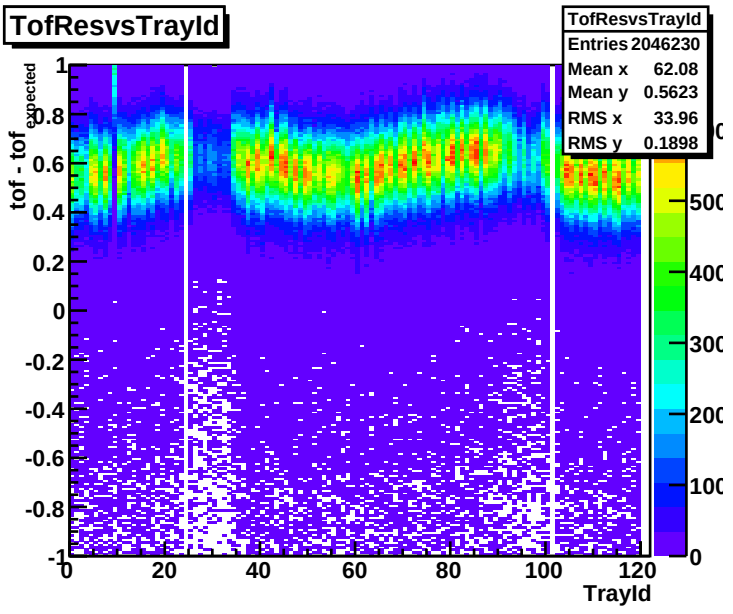

DcaZ
DcaZ
Entries 8.108385e+07
Mean 0.01953
RMS 1.796
DcaZ

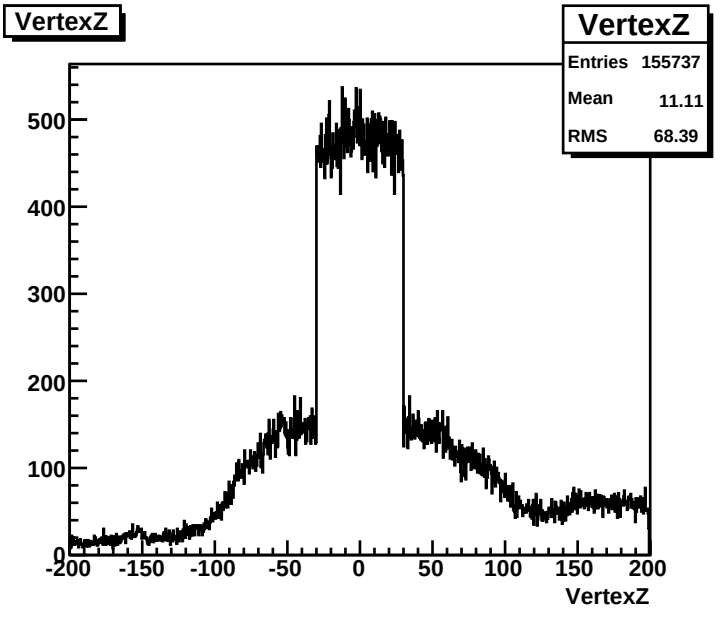

Glob_Eta
Glob_Eta
Entries 8.108385e+07
Mean -0.09211
RMS 0.8014
η

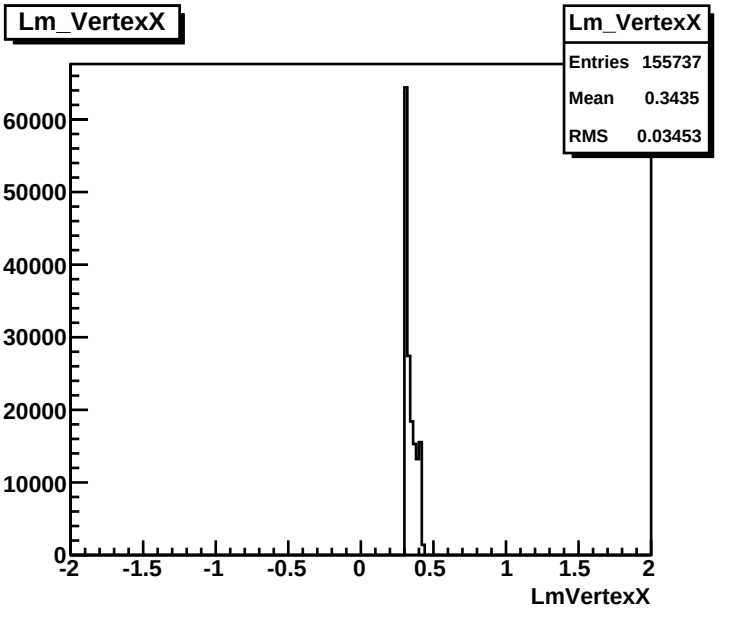

Prim_Eta
Prim_Eta
Entries 2.784879e+07
Mean -4.646e-05
RMS 0.8269
η

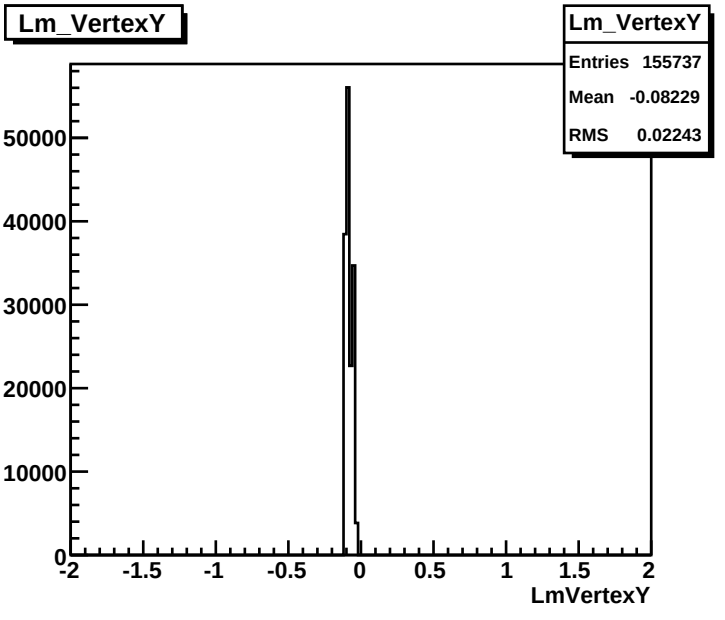

VertexX
VertexX
Entries 155737
Mean 0.2808
RMS 0.456
VertexX

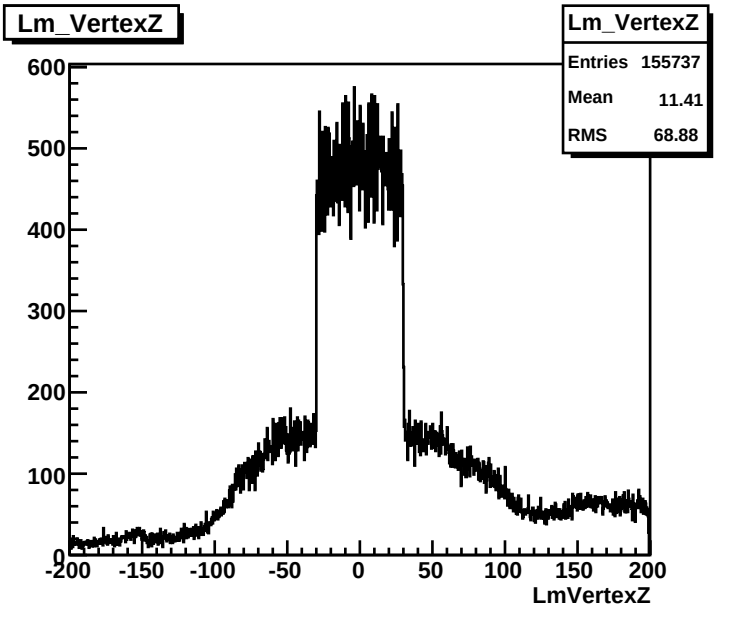

VertexY
VertexY
Entries 155737
Mean -0.07801
RMS 0.4517
VertexY

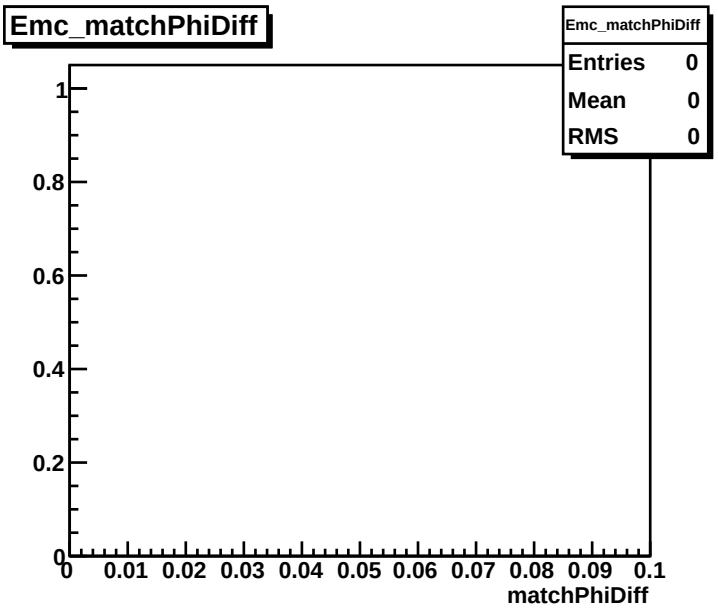

TofResvsTrayId
TofResvsTrayId
Entries 2046230
Mean x 62.08
Mean y 0.5623
RMS x 33.96
RMS y 0.1898
tof - tof expected
TrayId

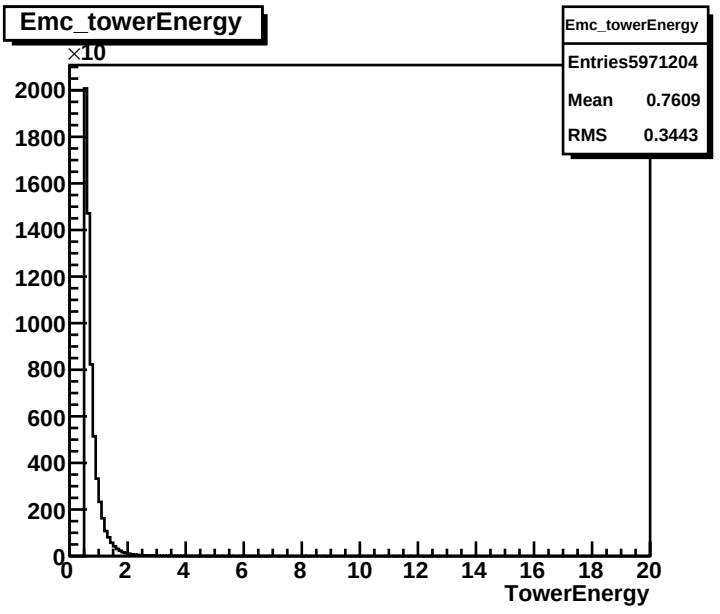

VertexZ
VertexZ
Entries 155737
Mean 11.11
RMS 68.39
VertexZ

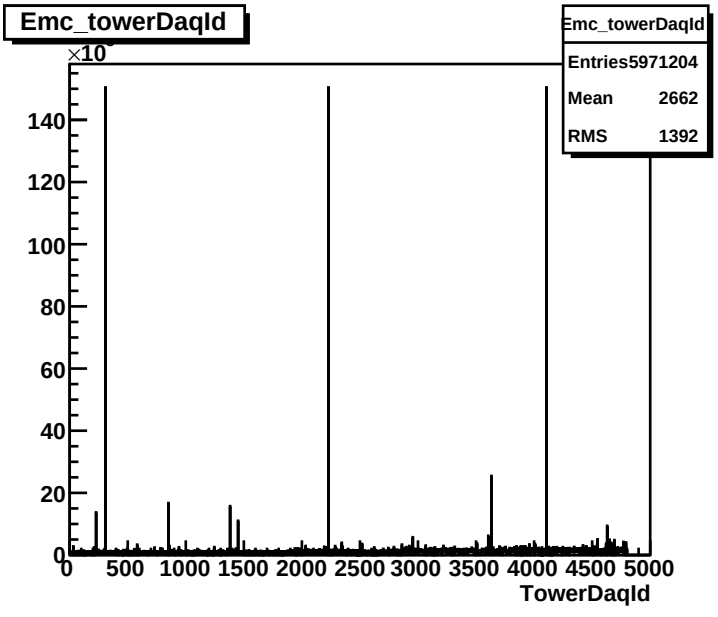

Lm_VertexX
Lm_VertexX
Entries 155737
Mean 0.3435
RMS 0.03453
LmVertexX

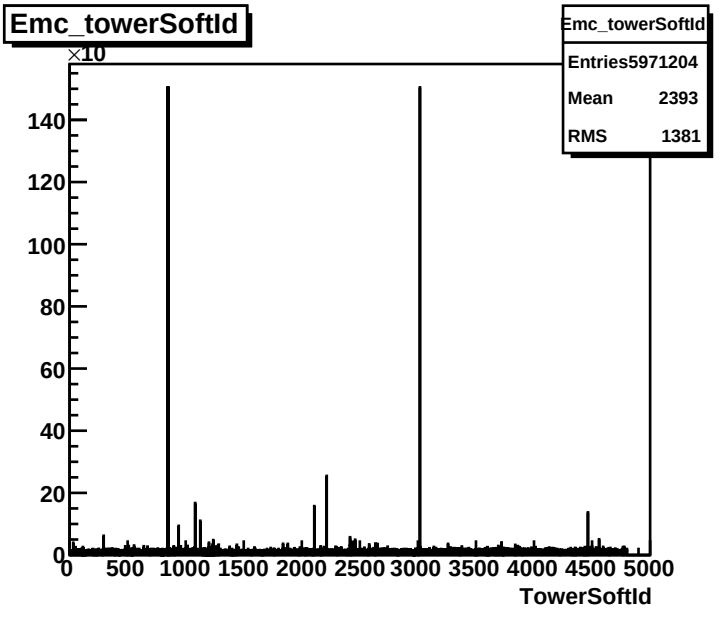

Lm_VertexY
Lm_VertexY
Entries 155737
Mean -0.08229
RMS 0.02243
LmVertexY

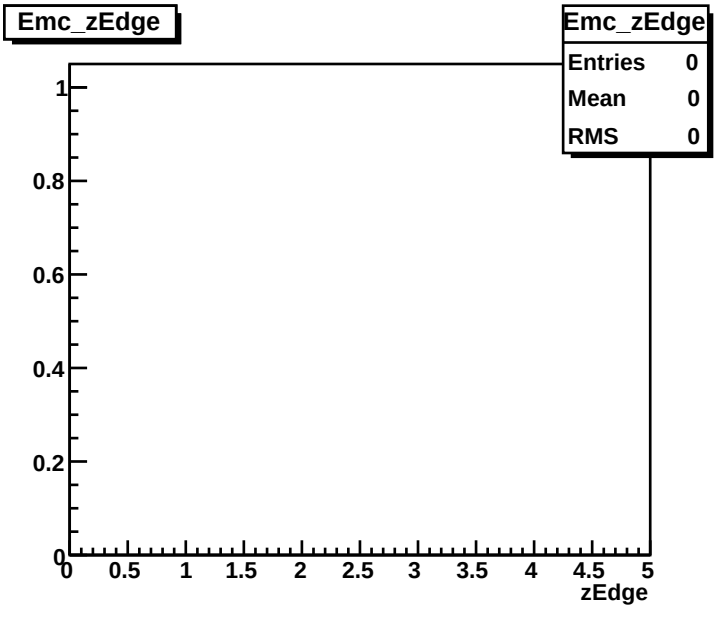

Lm_VertexZ
Lm_VertexZ
Entries 155737
Mean 11.41
RMS 68.88
LmVertexZ

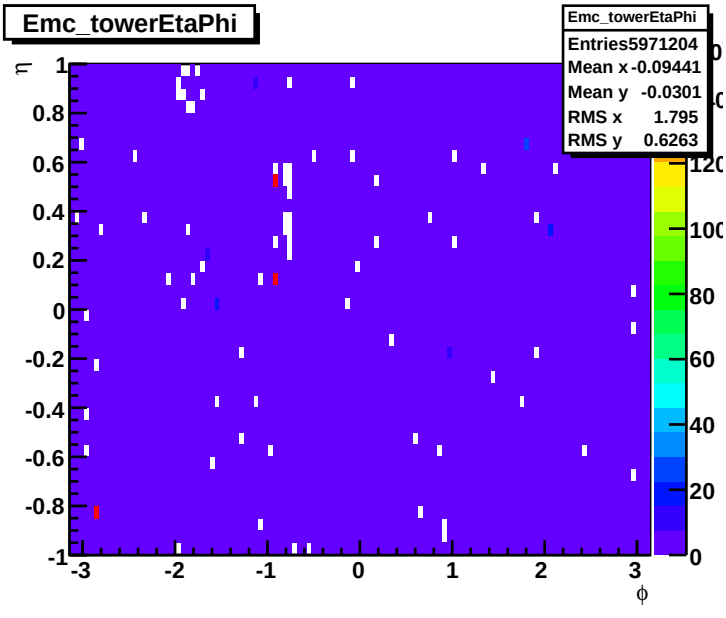

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

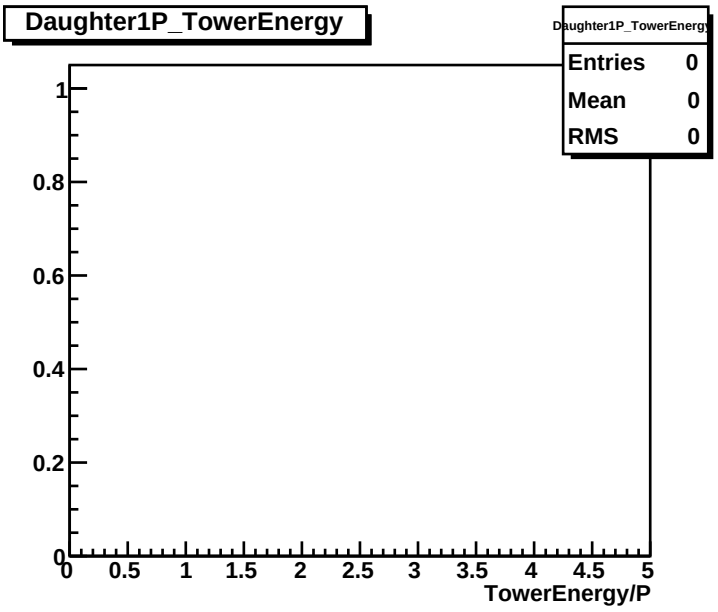

Emc_towerEnergy
Emc_towerEnergy
Entries5971204
Mean 0.7609
RMS 0.3443
TowerEnergy

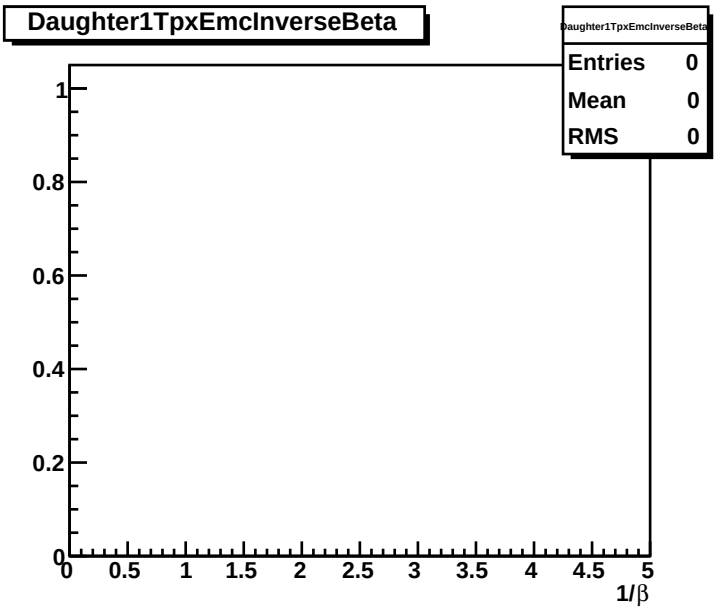

Emc_towerDaqId
Emc_towerDaqId
Entries5971204
Mean 2662
RMS 1392
TowerDaqId

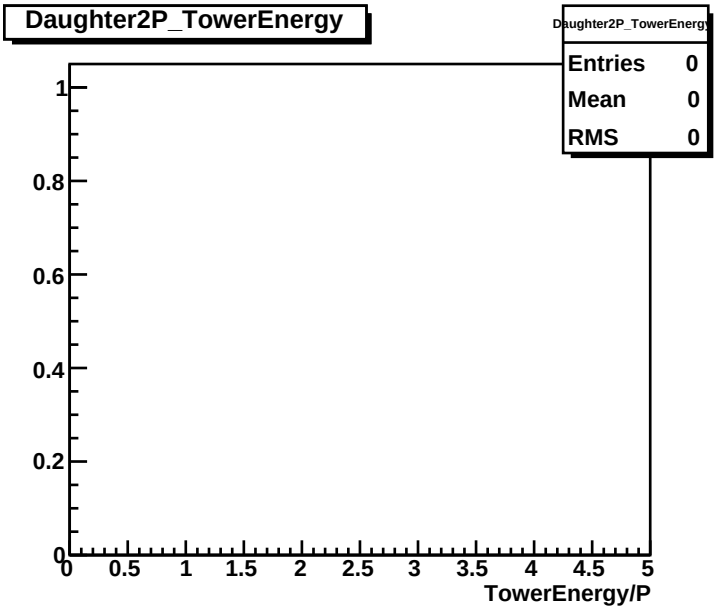

Emc_towerSoftId
Emc_towerSoftId
Entries5971204
Mean 2393
RMS 1381
TowerSoftId

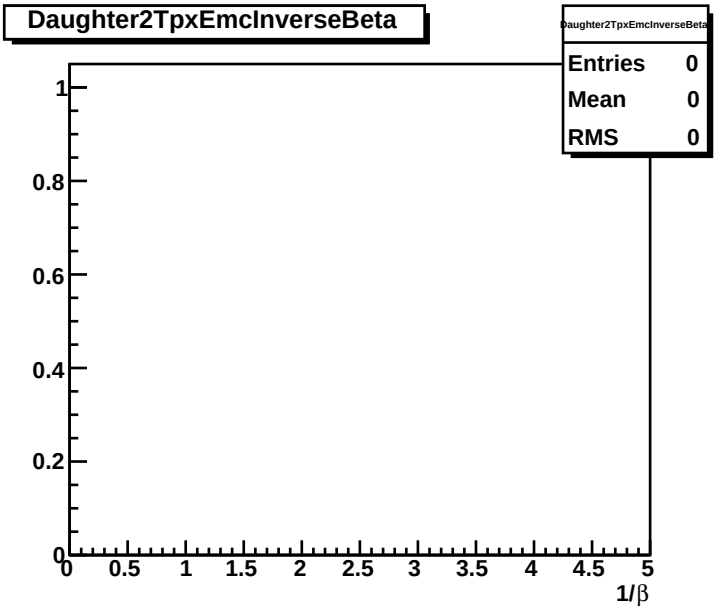

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

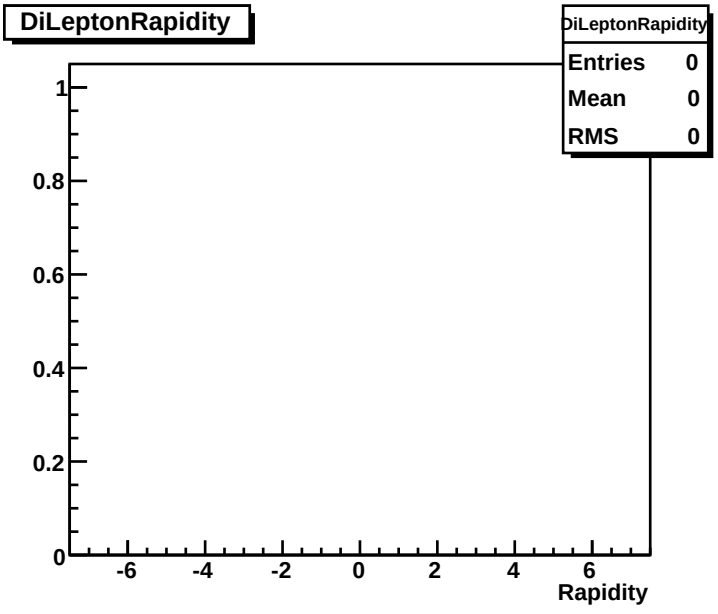

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries5971204
Mean x -0.09441
Mean y -0.0301
RMS x 1.795
RMS y 0.6263
η
ϕ

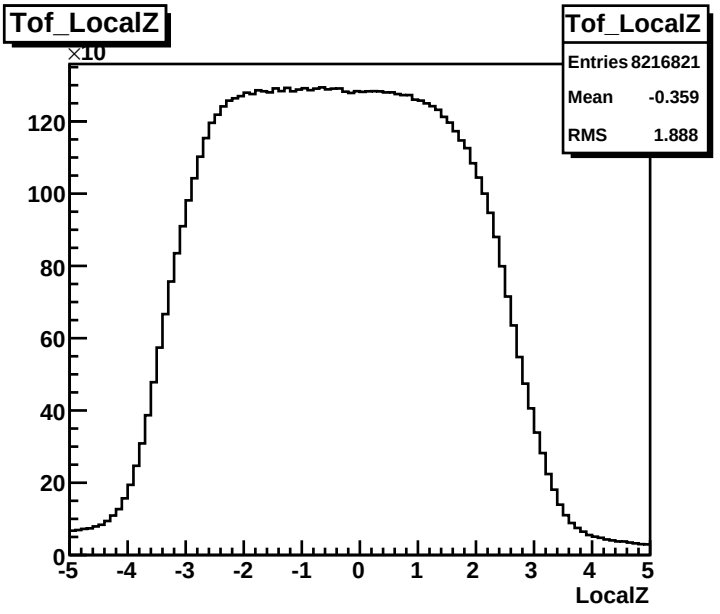

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

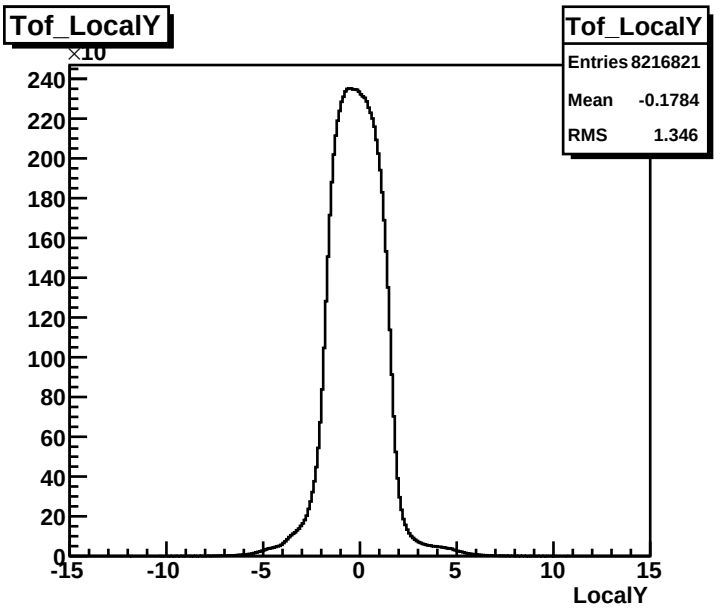

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

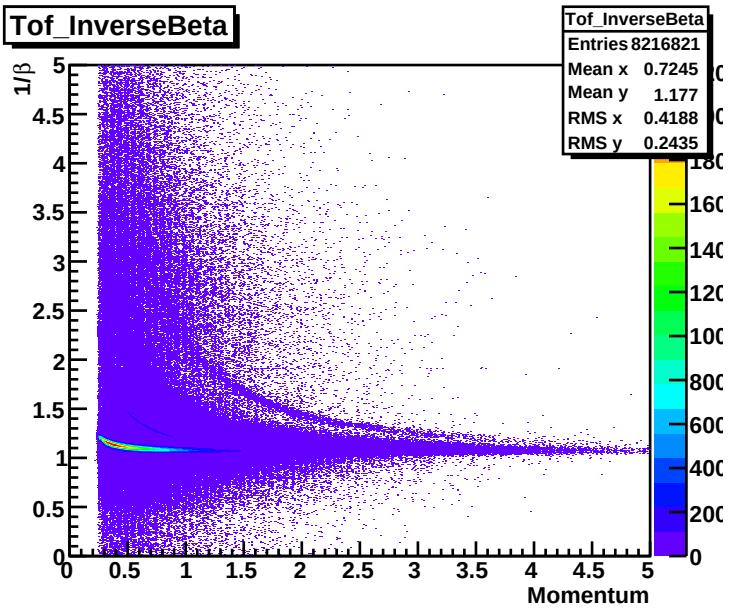

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

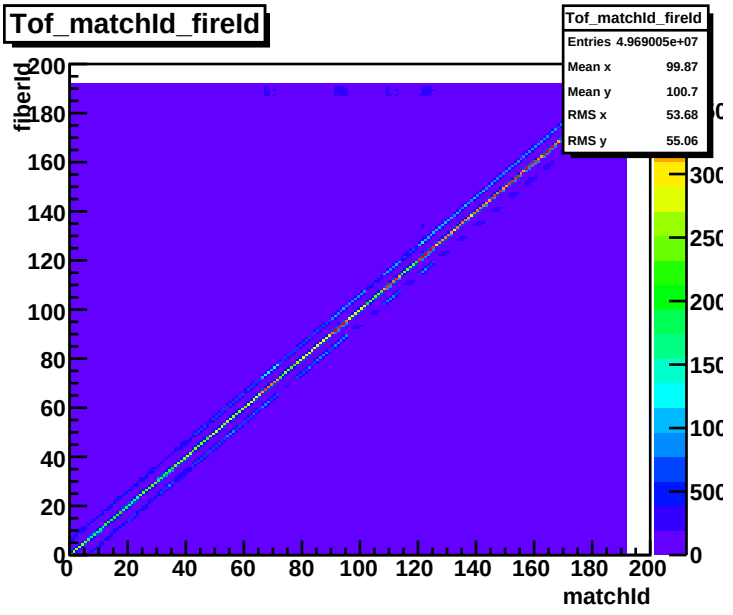

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

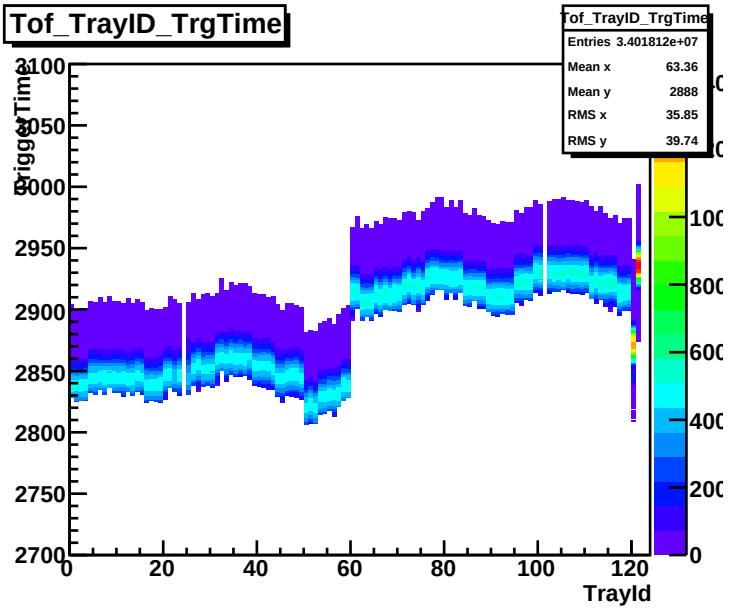

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

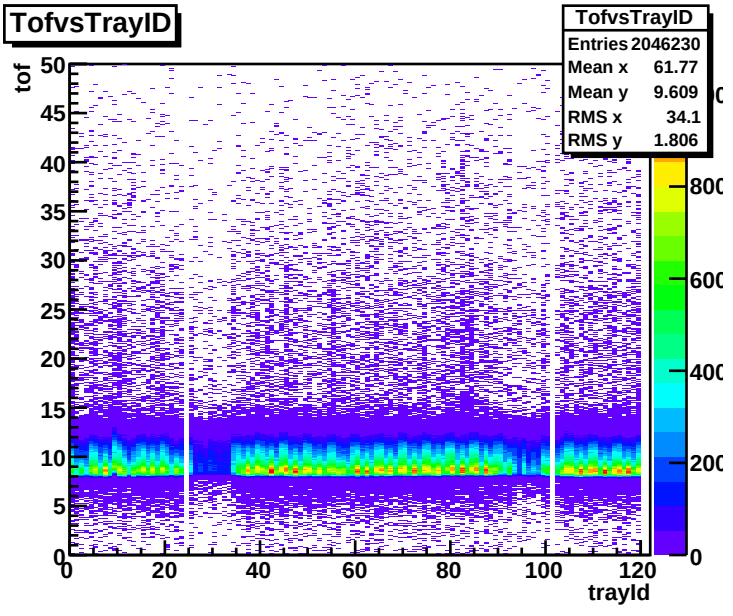

Tof_LocalZ
Tof_LocalZ
Entries 8216821
Mean -0.359
RMS 1.888
×10
LocalZ

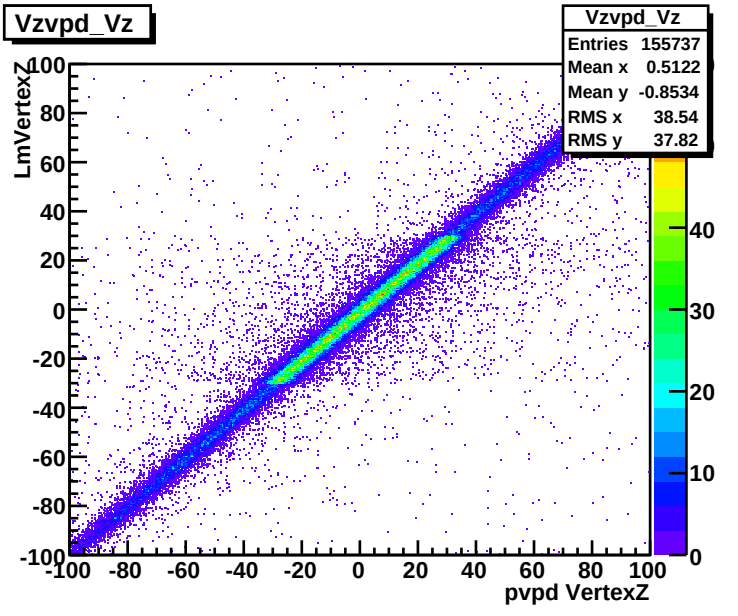

Tof_LocalY
Tof_LocalY
Entries 8216821
Mean -0.1784
RMS 1.346
×10
LocalY

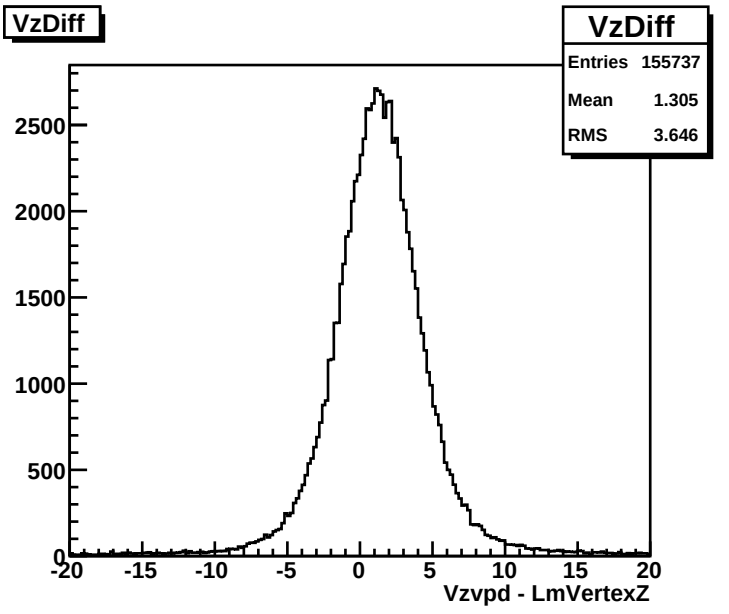

Tof_InverseBeta
Tof_InverseBeta
Entries 8216821
Mean x 0.7245
Mean y 1.177
RMS x 0.4188
RMS y 0.2435
1/β
Momentum

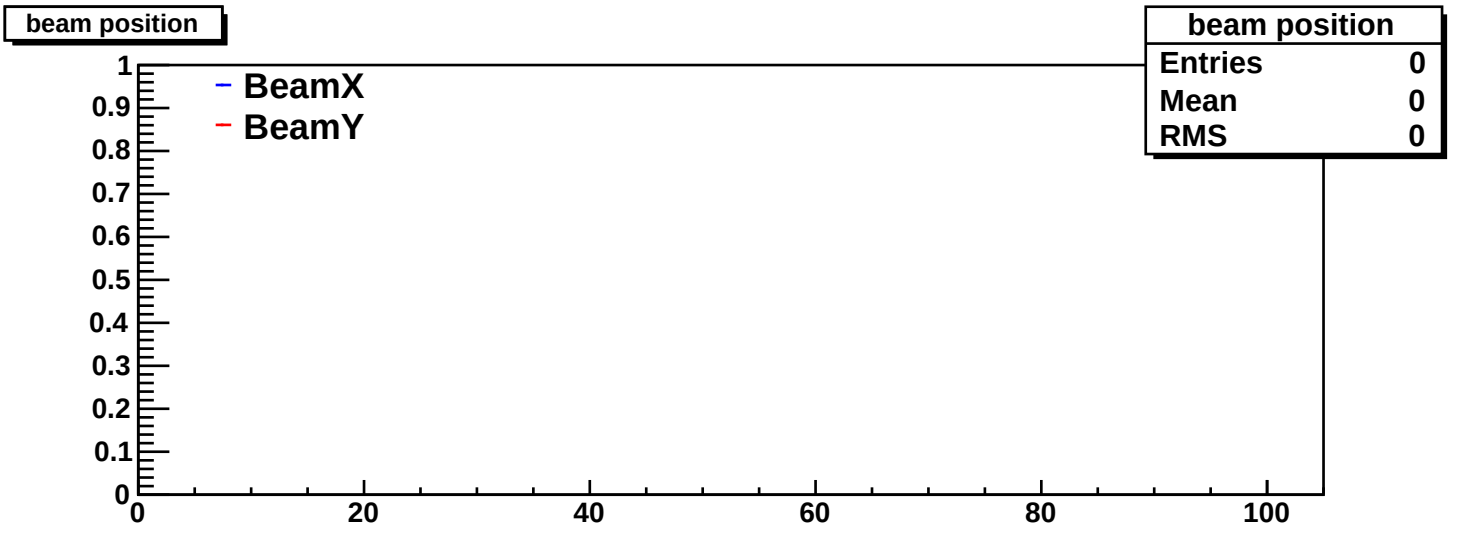

Tof_matchId_fireId
Tof_matchId_fireId
Entries 4.969005e+07
Mean x 99.87
Mean y 100.7
RMS x 53.68
RMS y 55.06
fiberId
matchId

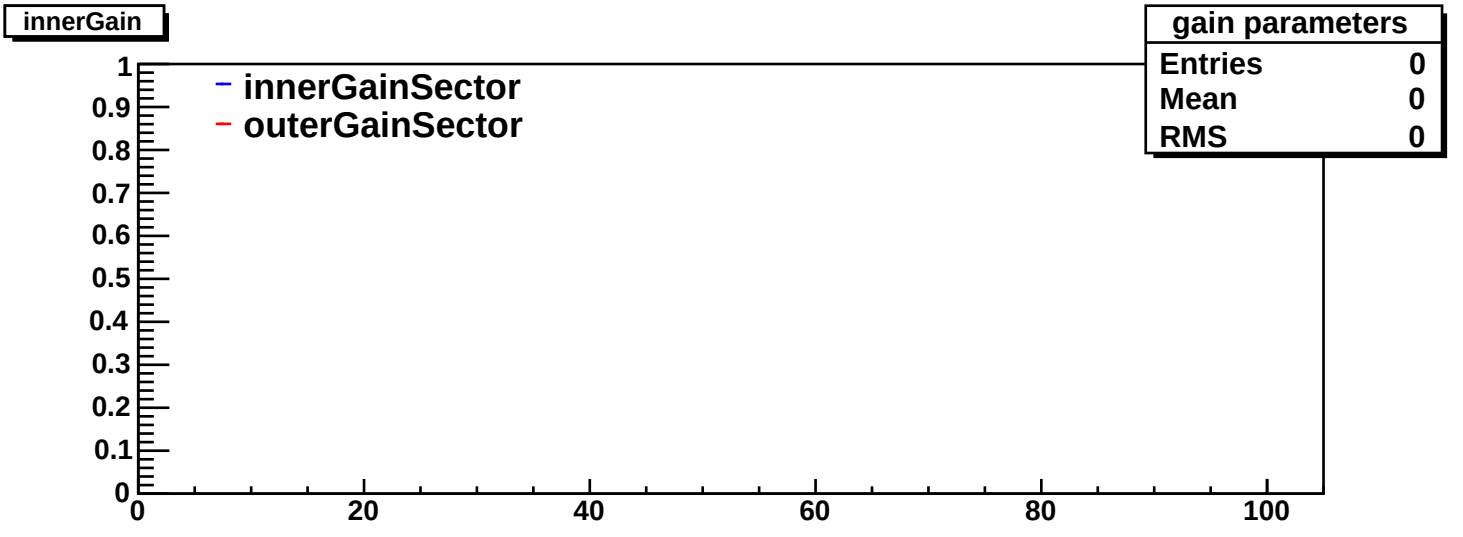

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 3.401812e+07
Mean x 63.36
Mean y 2888
RMS x 35.85
RMS y 39.74
TrayId

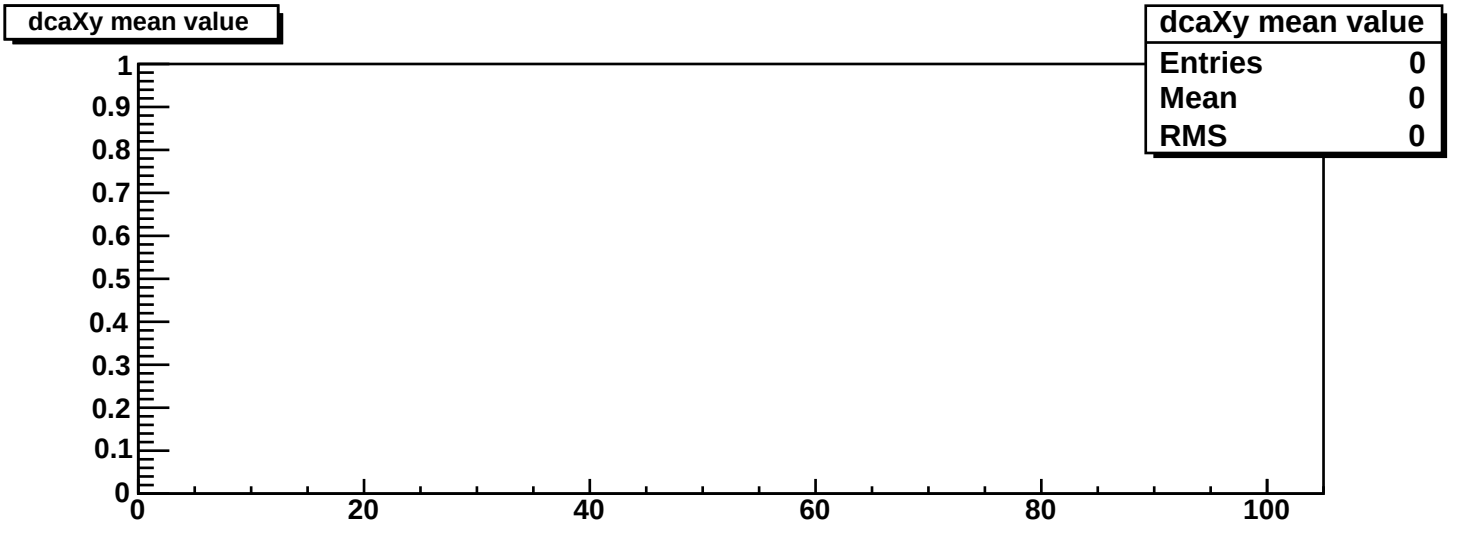

TofvsTrayID
TofvsTrayID
Entries 2046230
Mean x 61.77
Mean y 9.609
RMS x 34.1
RMS y 1.806
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 155737
Mean x 0.5122
Mean y -0.8534
RMS x 38.54
RMS y 37.82
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 155737
Mean 1.305
RMS 3.646
2500
2000
1500
1000
500
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