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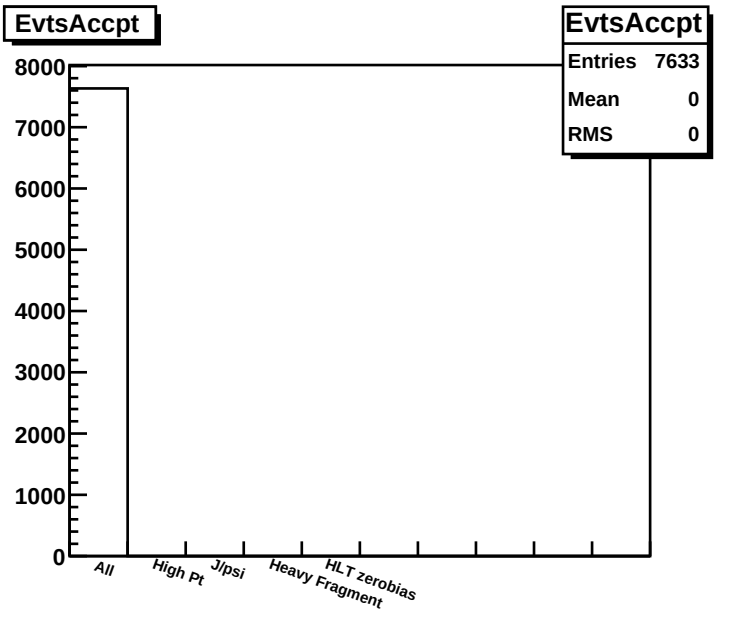
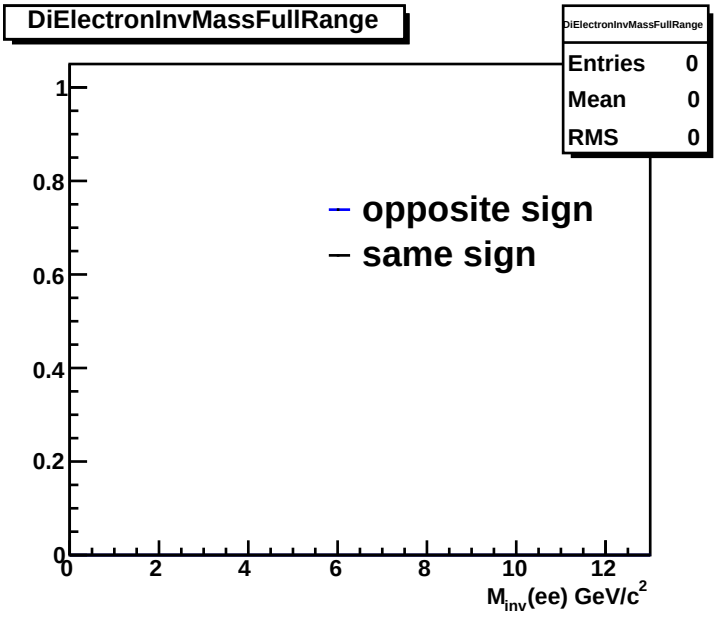
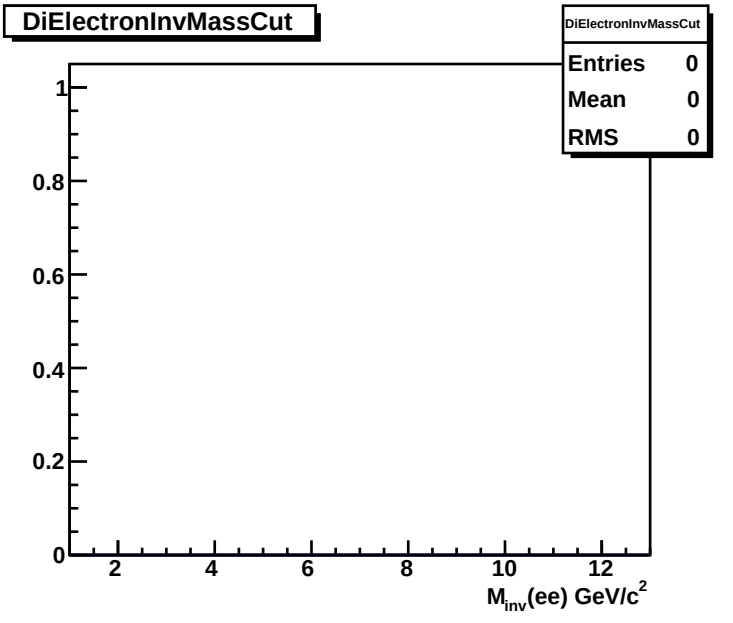
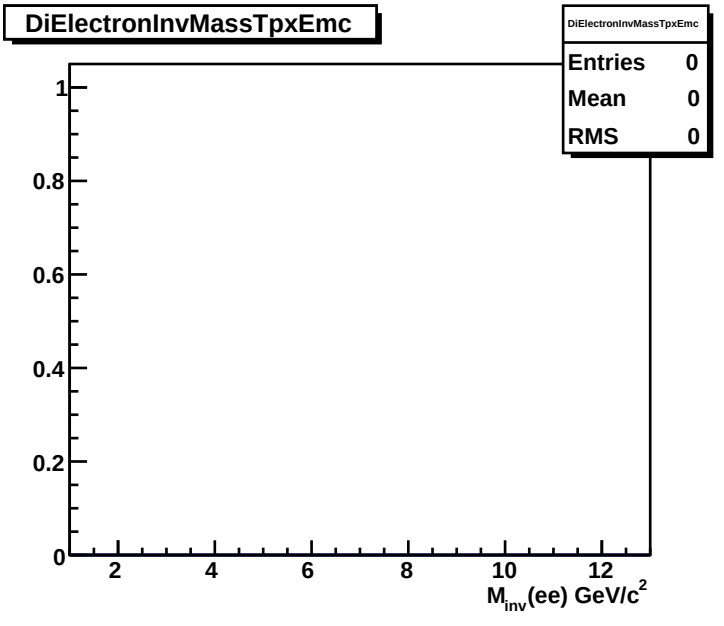
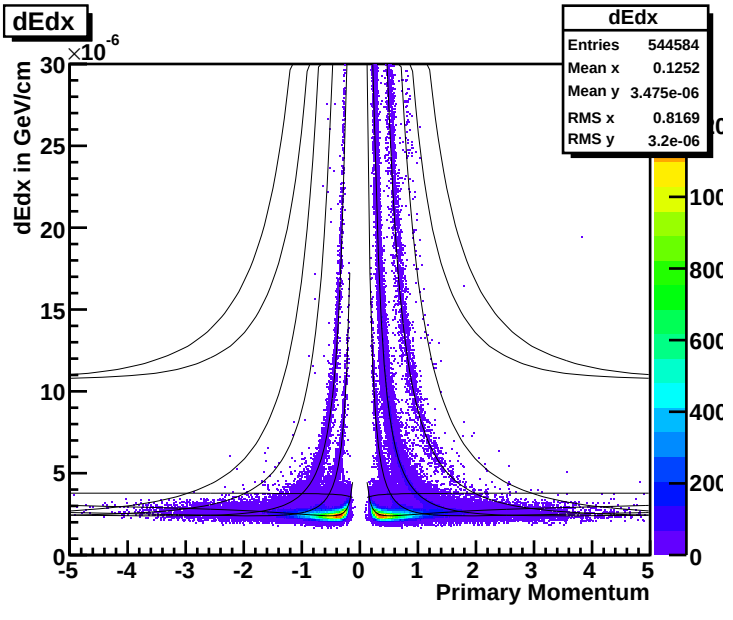
Tue Jun 28 12:02:12 2011

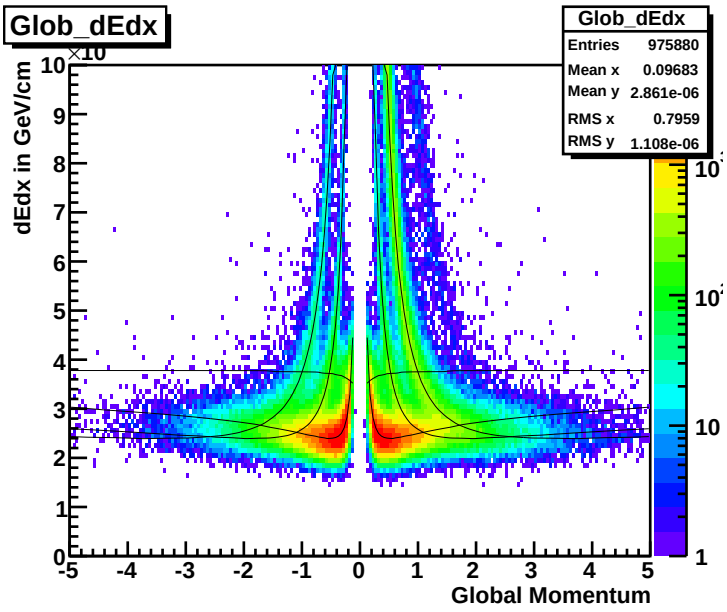


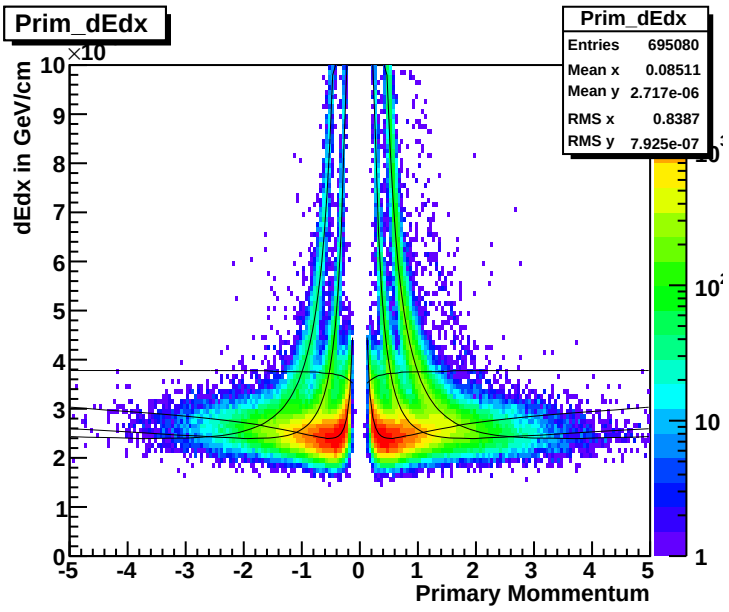



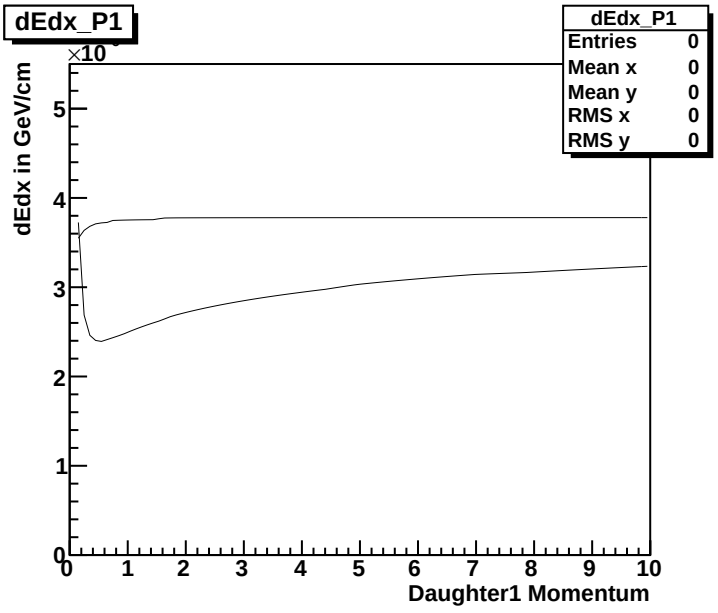



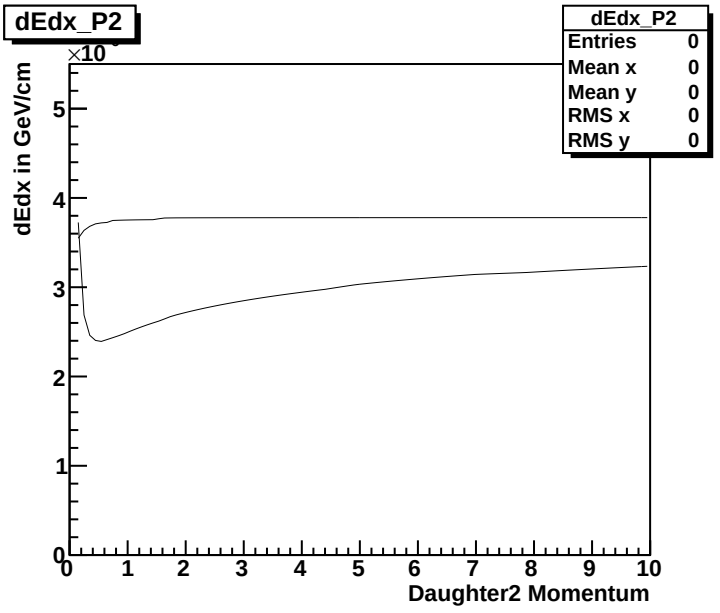



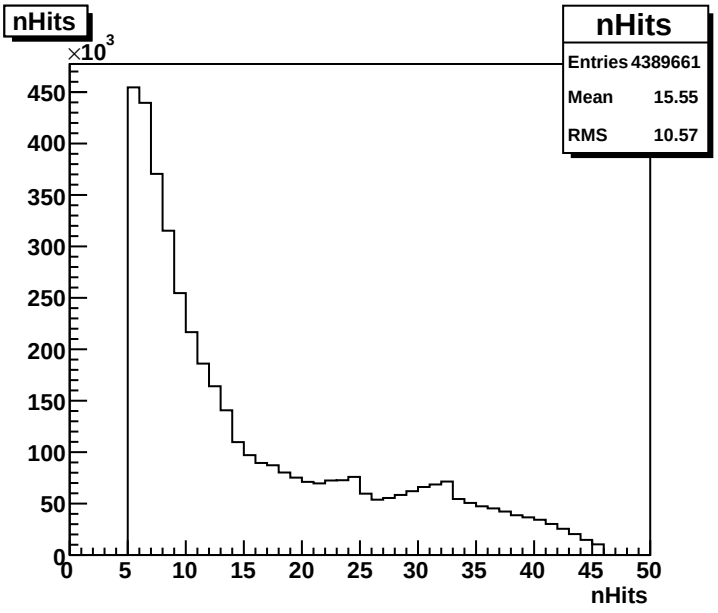



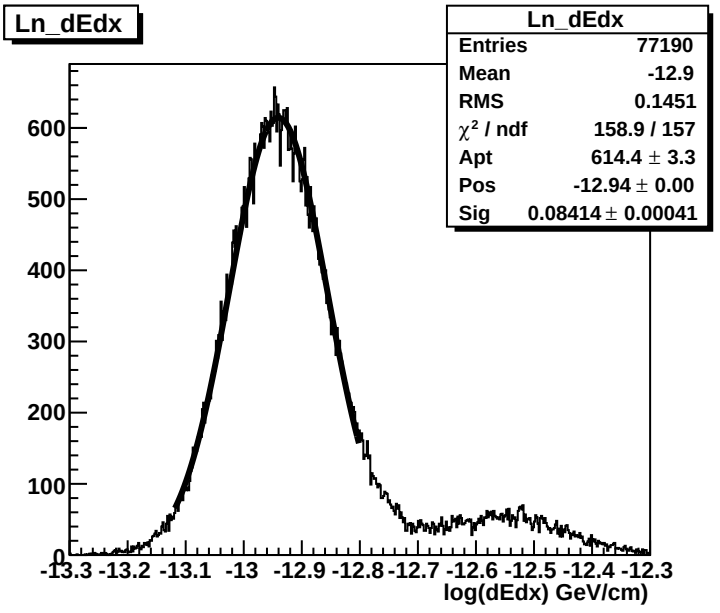

Glob_dEdx
Entries 975880
Mean x 0.09683
Mean y 2.861e-06
RMS x 0.7959
RMS y 1.108e-06
dEdx in GeV/cm
Global Momentum

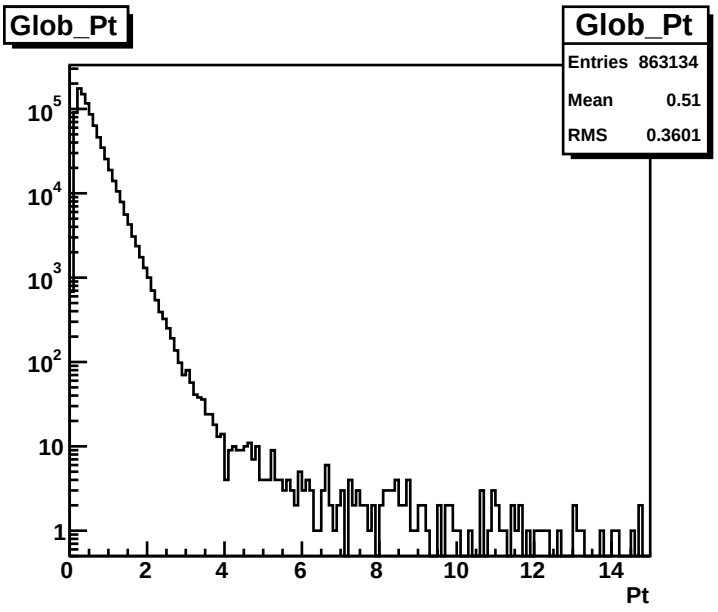

Prim_dEdx
Entries 695080
Mean x 0.08511
Mean y 2.717e-06
RMS x 0.8387
RMS y 7.925e-07
dEdx in GeV/cm
Primary Mommentum

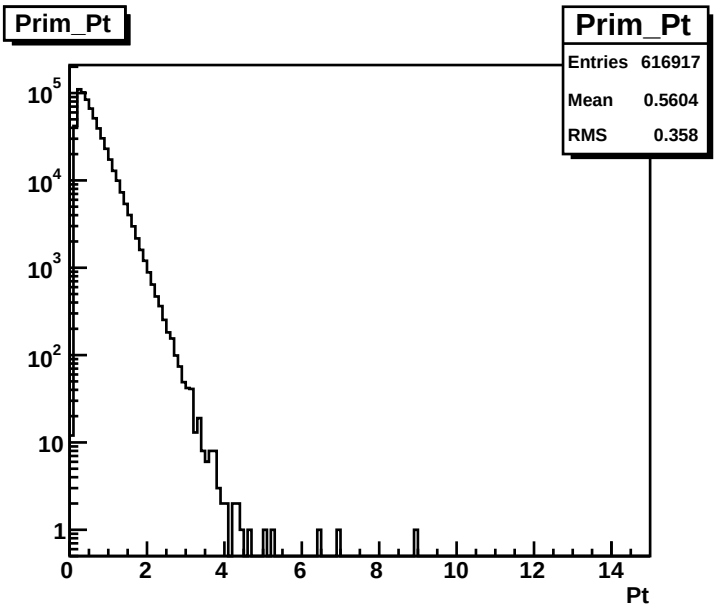

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

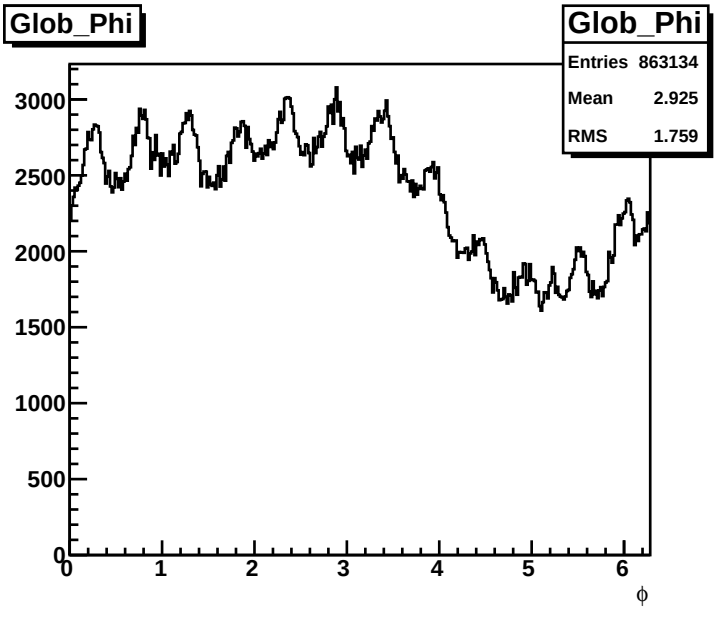

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

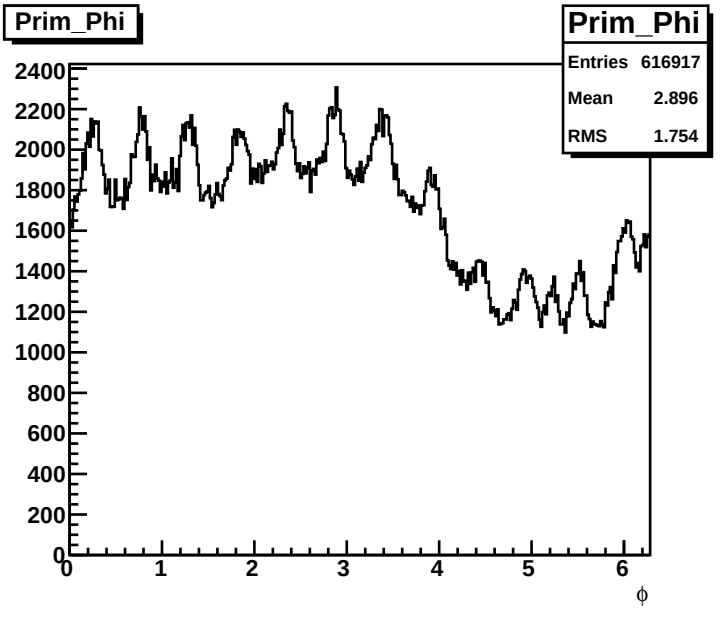

nHits
Entries 4389661
Mean 15.55
RMS 10.57
nHits

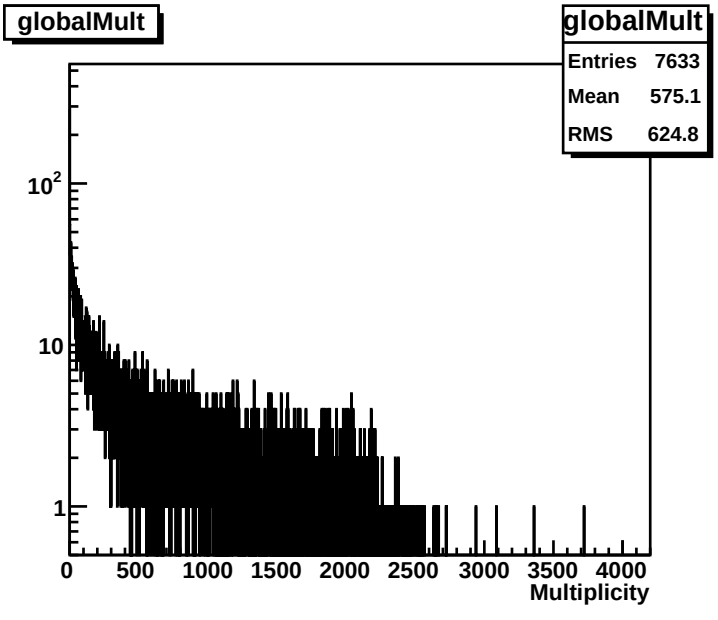

Ln_dEdx
Entries 77190
Mean -12.9
RMS 0.1451
χ² / ndf 158.9 / 157
Apt 614.4 ± 3.3
Pos -12.94 ± 0.00
Sig 0.08414 ± 0.00041
log(dEdx) GeV/cm)

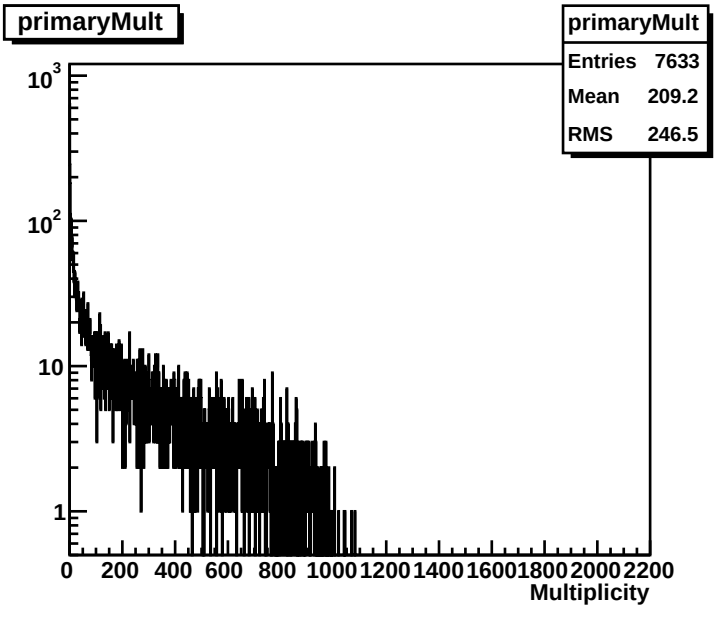

Glob_Pt
Glob_Pt
Entries 863134
Mean 0.51
RMS 0.3601
Pt

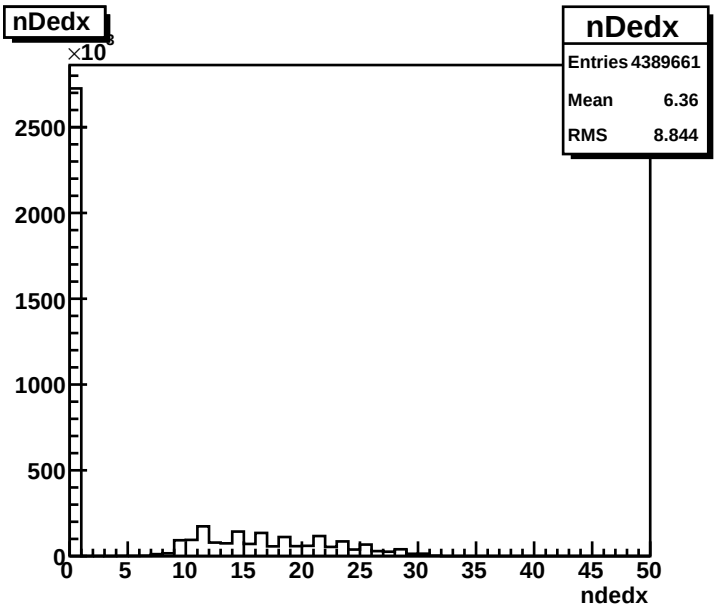

Prim_Pt
Prim_Pt
Entries 616917
Mean 0.5604
RMS 0.358
Pt

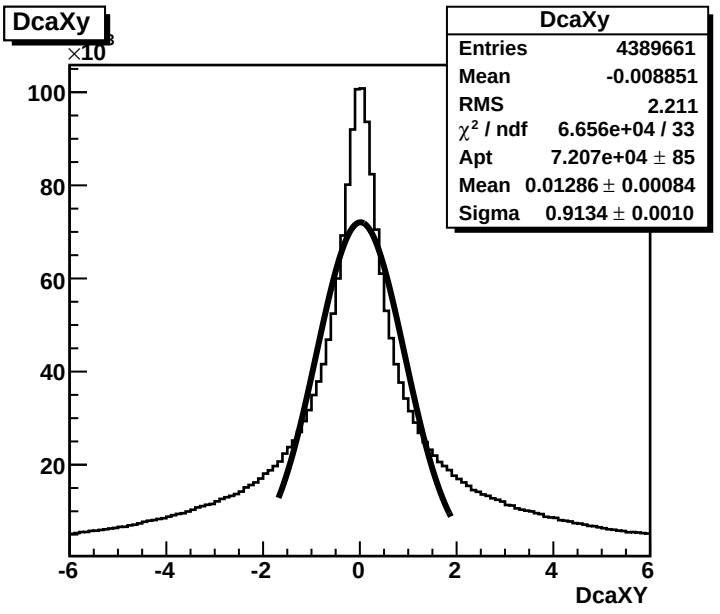

Glob_Phi
Glob_Phi
Entries 863134
Mean 2.925
RMS 1.759
ϕ

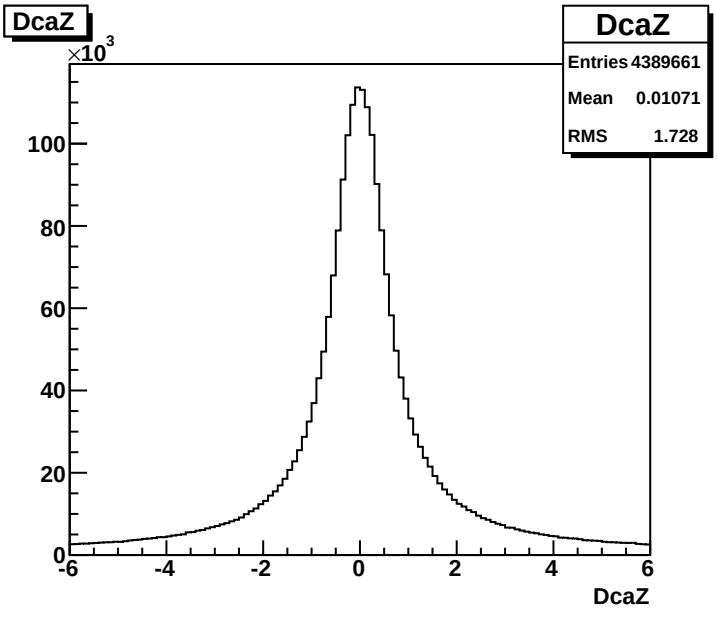

Prim_Phi
Prim_Phi
Entries 616917
Mean 2.896
RMS 1.754
ϕ

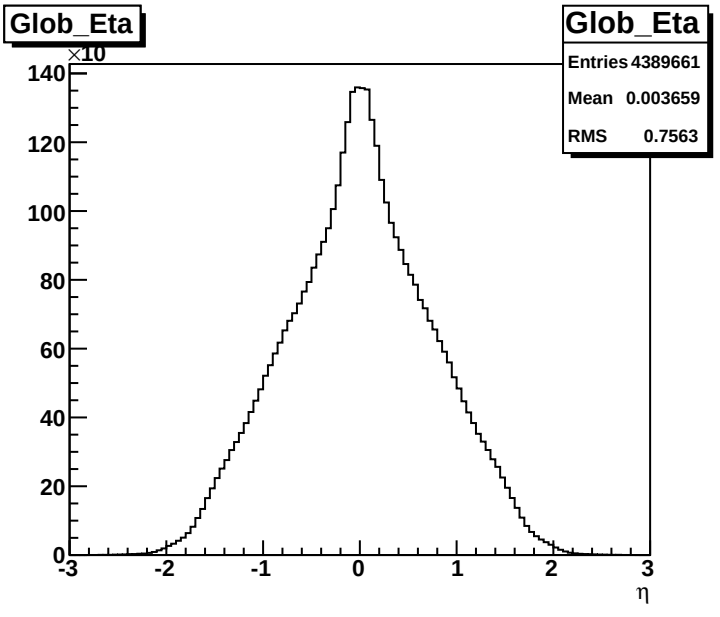

globalMult
globalMult
Entries 7633
Mean 575.1
RMS 624.8
Multiplicity

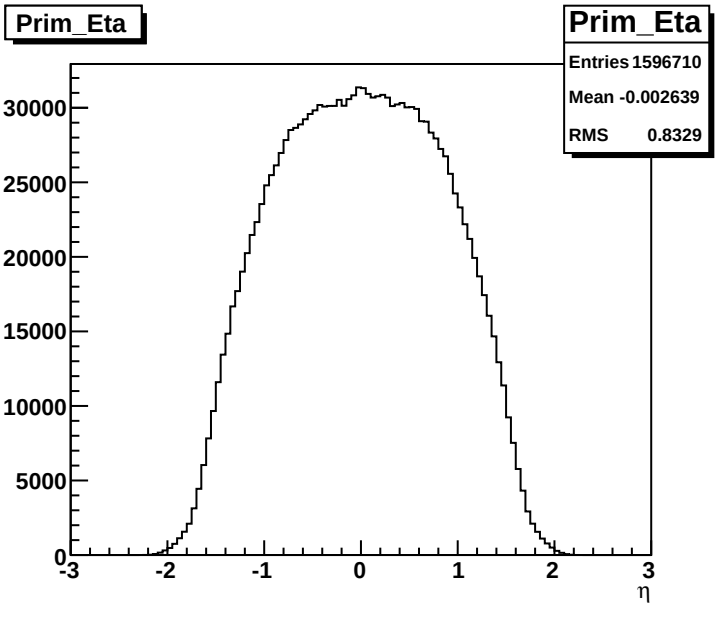

primaryMult
primaryMult
Entries 7633
Mean 209.2
RMS 246.5
Multiplicity

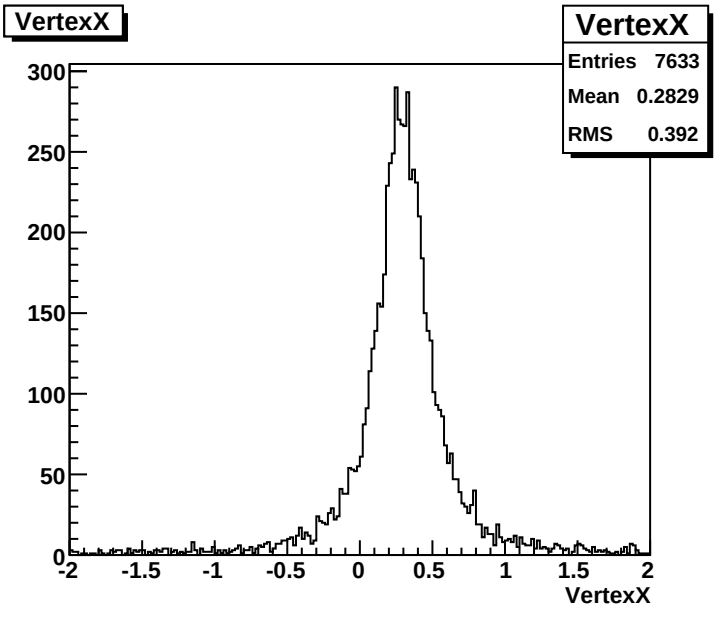

nDedx
nDedx
Entries 4389661
Mean 6.36
RMS 8.844
×10³
ndedx

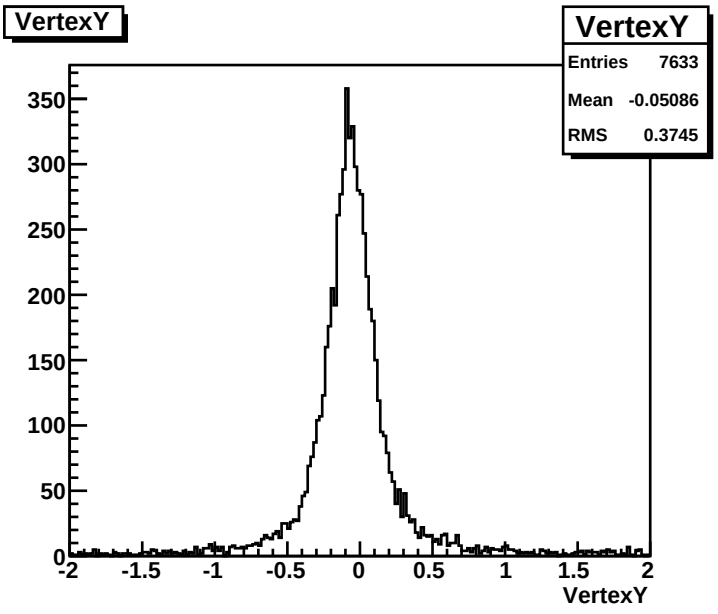

DcaXy
DcaXy
Entries 4389661
Mean -0.008851
RMS 2.211
χ² / ndf 6.656e+04 / 33
Apt 7.207e+04 ± 85
Mean 0.01286 ± 0.00084
Sigma 0.9134 ± 0.0010
×10³
DcaXY

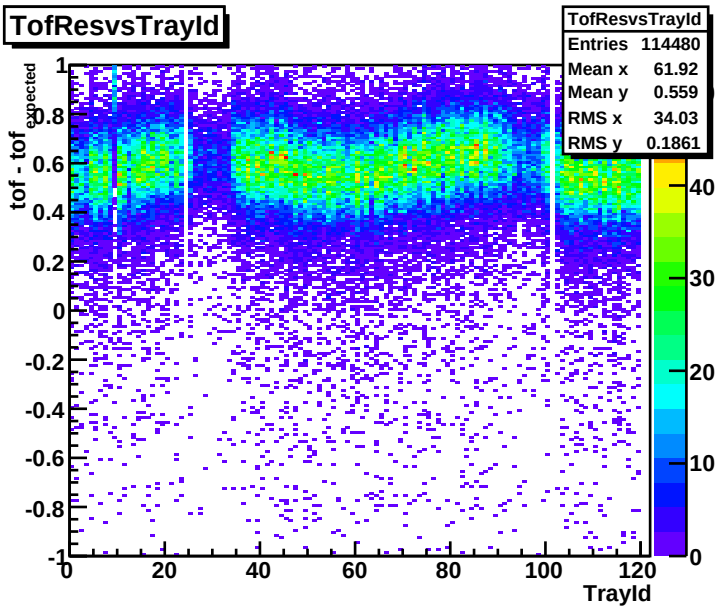

DcaZ
DcaZ
Entries 4389661
Mean 0.01071
RMS 1.728
×10³
DcaZ

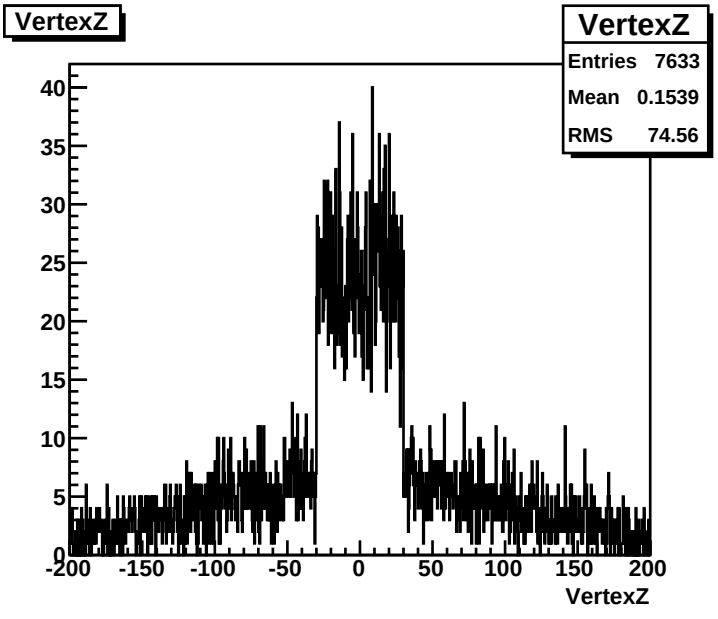

Glob_Eta
Glob_Eta
Entries 4389661
Mean 0.003659
RMS 0.7563
×10
η

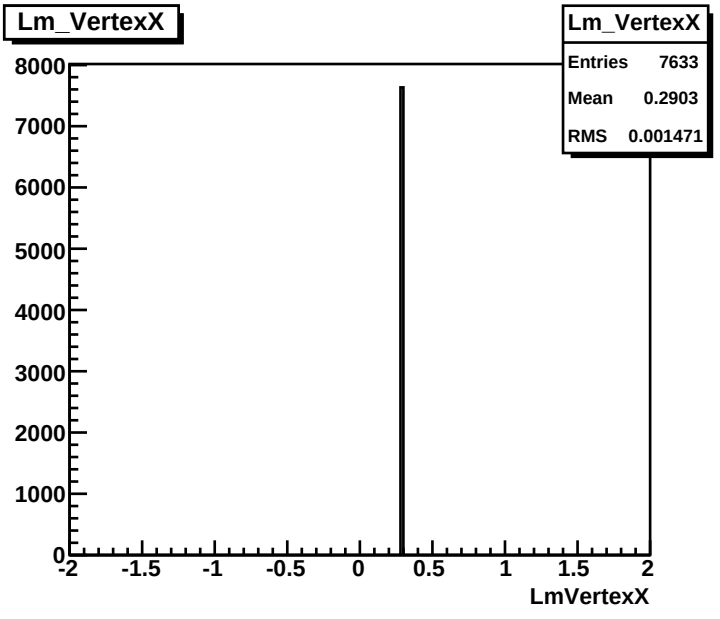

Prim_Eta
Prim_Eta
Entries 1596710
Mean -0.002639
RMS 0.8329
η

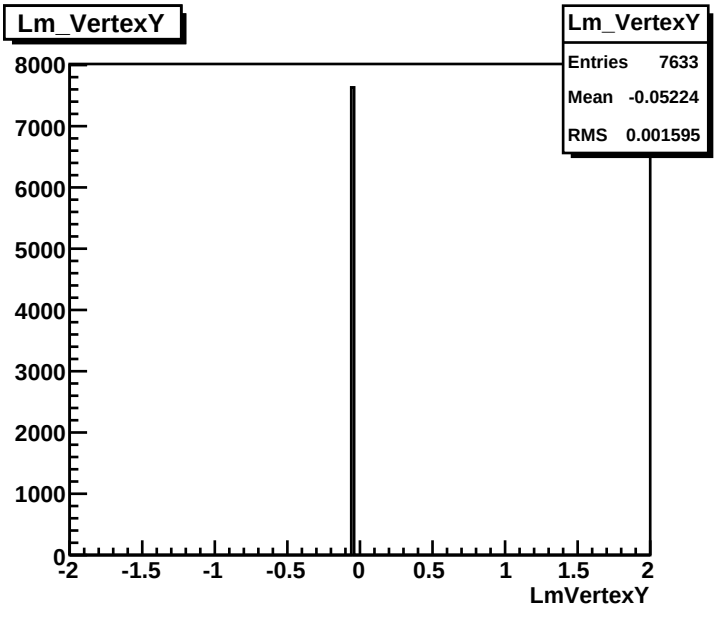

VertexX
VertexX
Entries 7633
Mean 0.2829
RMS 0.392
VertexX

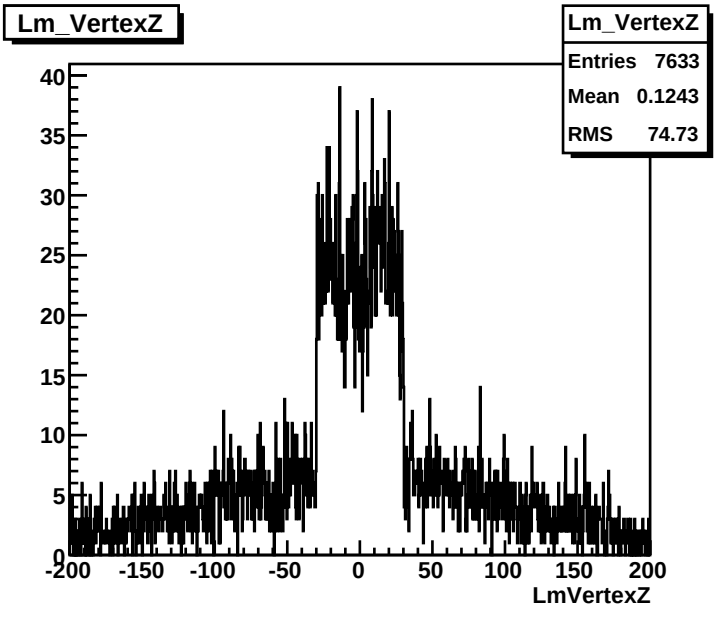

VertexY
VertexY
Entries 7633
Mean -0.05086
RMS 0.3745
VertexY

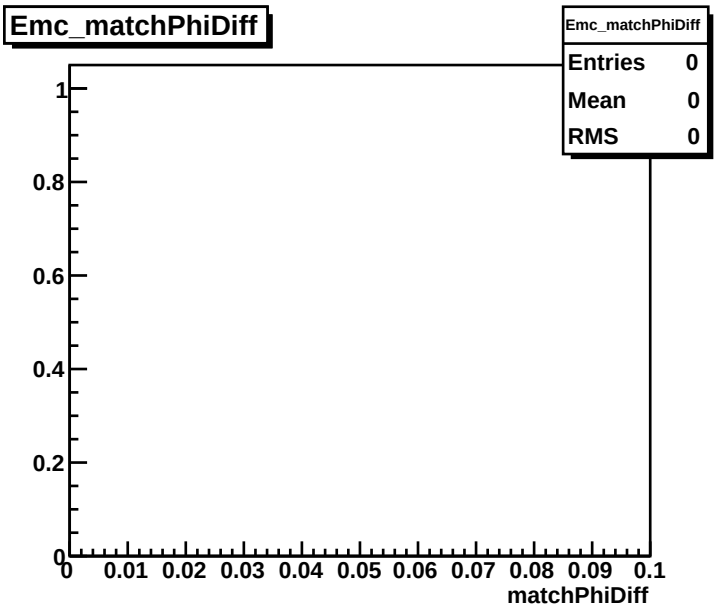

TofResvsTrayId
TofResvsTrayId
Entries 114480
Mean x 61.92
Mean y 0.559
RMS x 34.03
RMS y 0.1861
tof - tof expected
TrayId

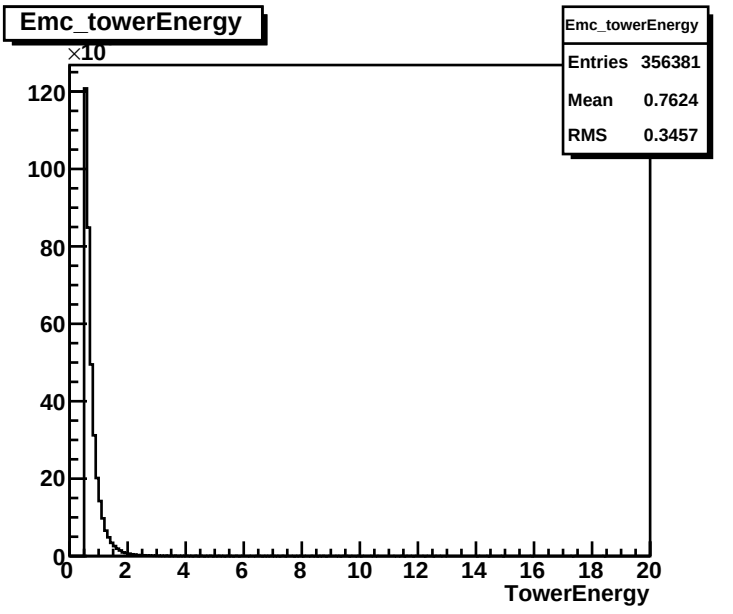

VertexZ
VertexZ
Entries 7633
Mean 0.1539
RMS 74.56
VertexZ

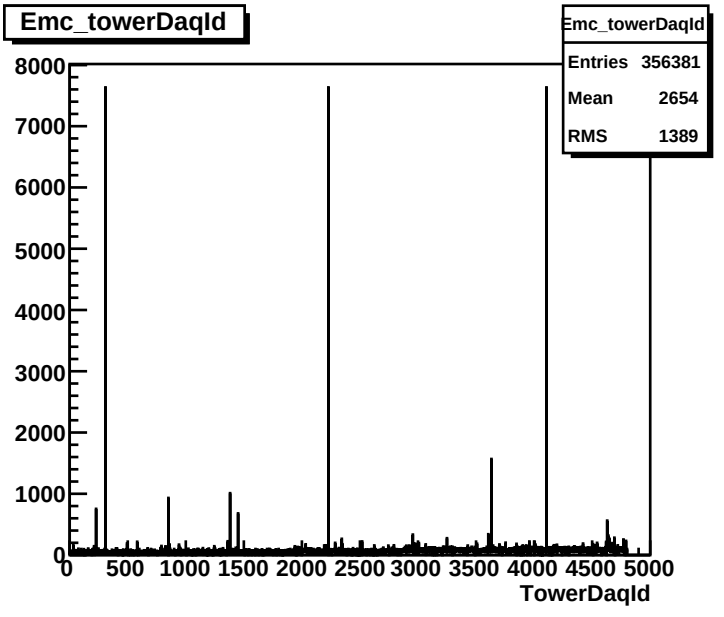

Lm_VertexX
Lm_VertexX
Entries 7633
Mean 0.2903
RMS 0.001471
LmVertexX

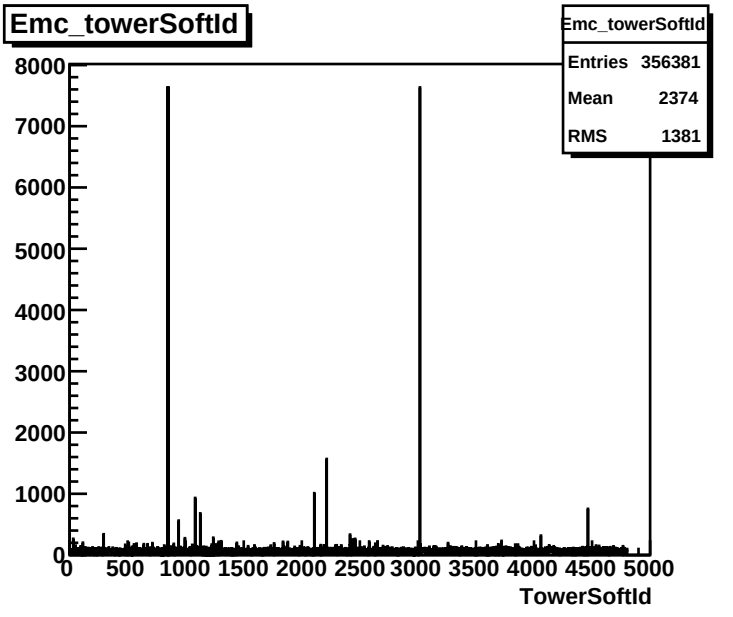

Lm_VertexY
Lm_VertexY
Entries 7633
Mean -0.05224
RMS 0.001595
LmVertexY

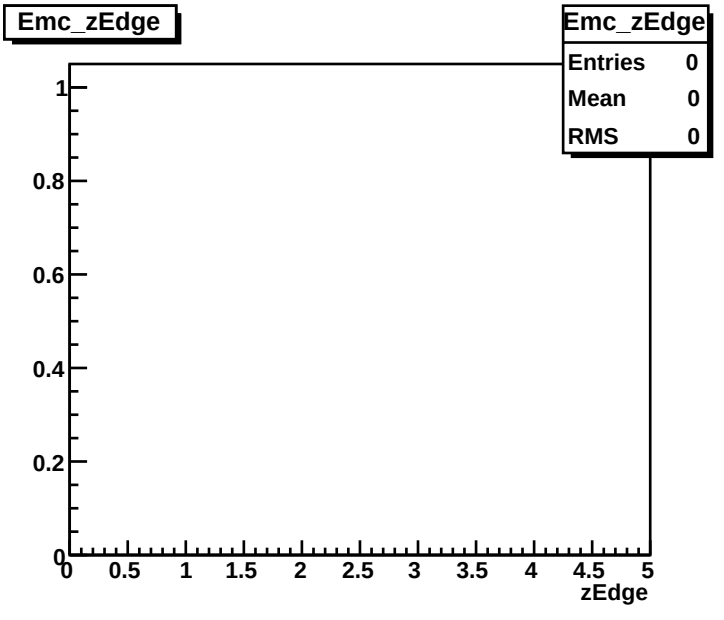

Lm_VertexZ
Lm_VertexZ
Entries 7633
Mean 0.1243
RMS 74.73
LmVertexZ

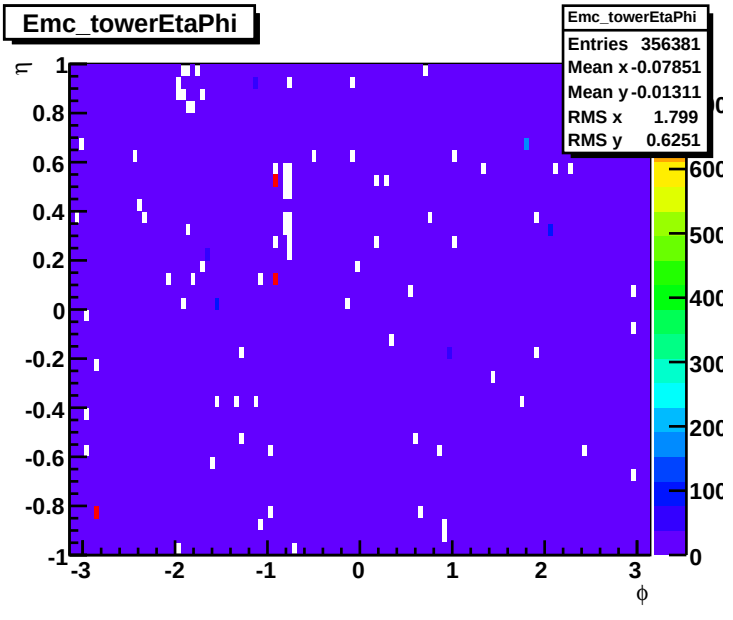

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

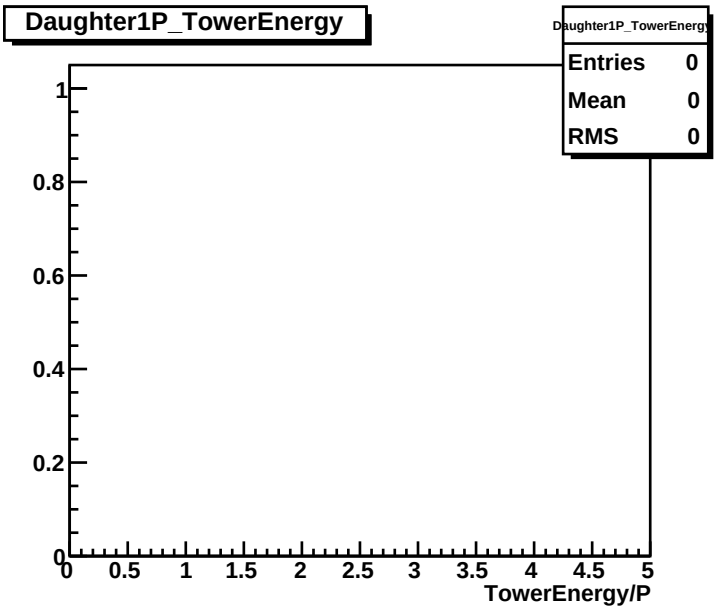

Emc_towerEnergy
Emc_towerEnergy
Entries 356381
Mean 0.7624
RMS 0.3457
×10
TowerEnergy

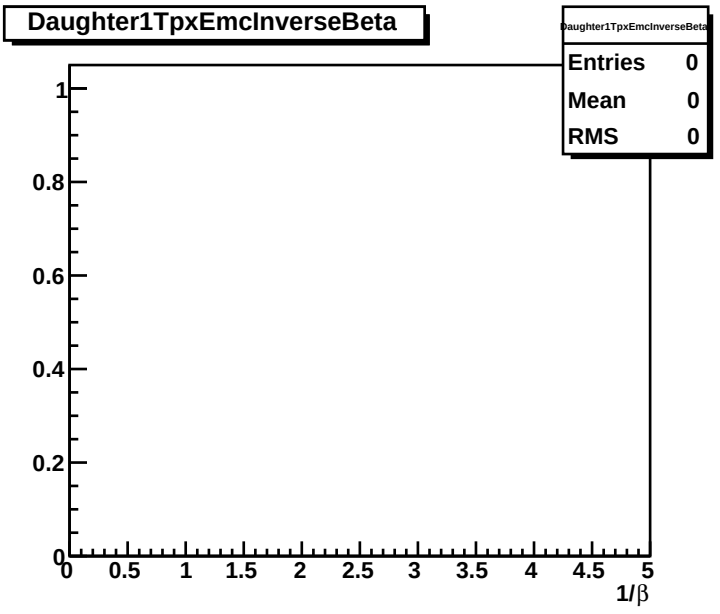

Emc_towerDaqId
Emc_towerDaqId
Entries 356381
Mean 2654
RMS 1389
TowerDaqId

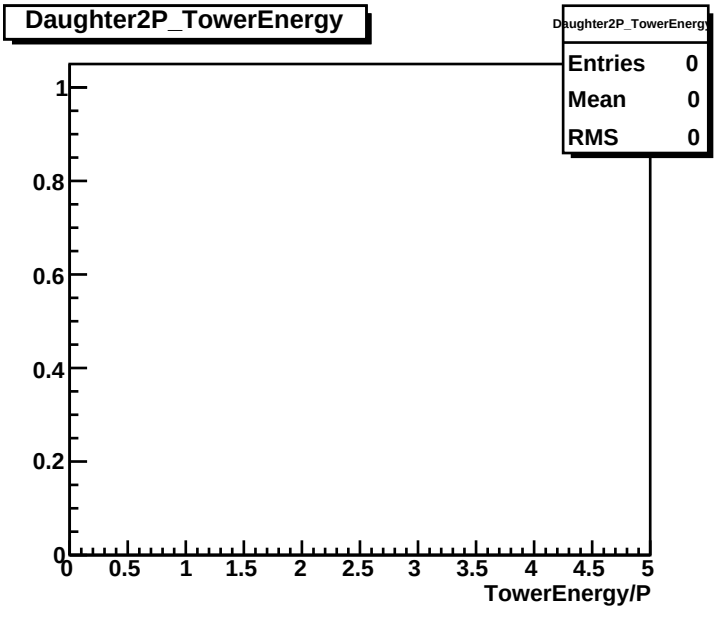

Emc_towerSoftId
Emc_towerSoftId
Entries 356381
Mean 2374
RMS 1381
TowerSoftId

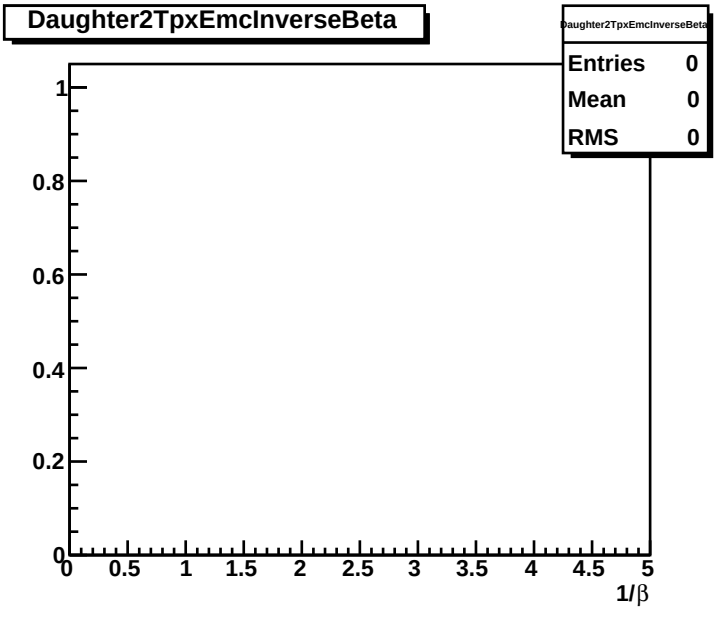

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

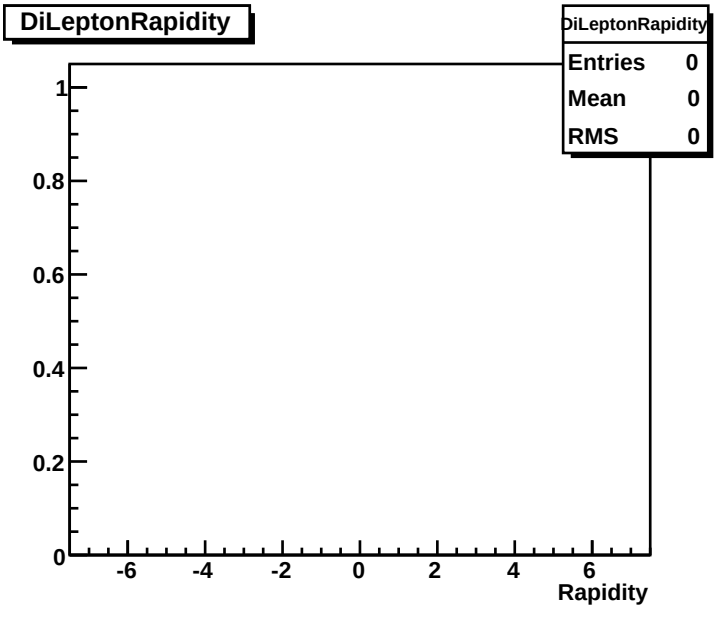

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 356381
Mean x -0.07851
Mean y -0.01311
RMS x 1.799
RMS y 0.6251
η
ϕ

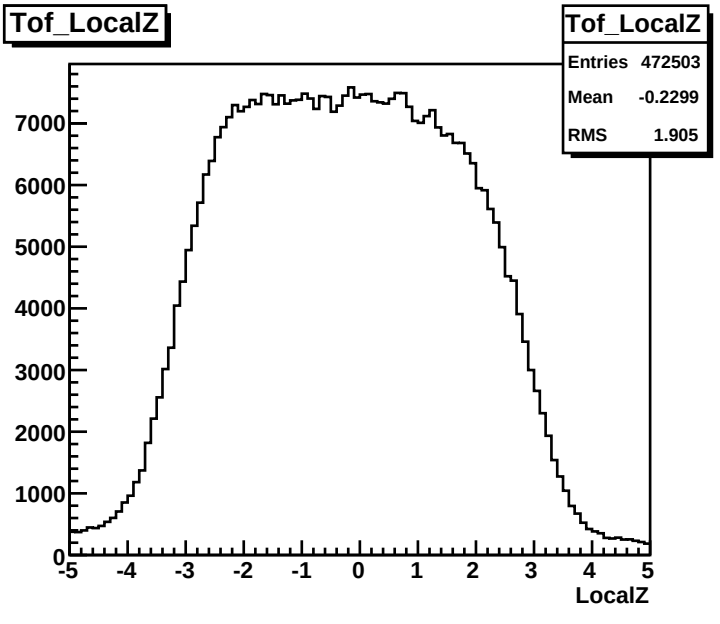

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

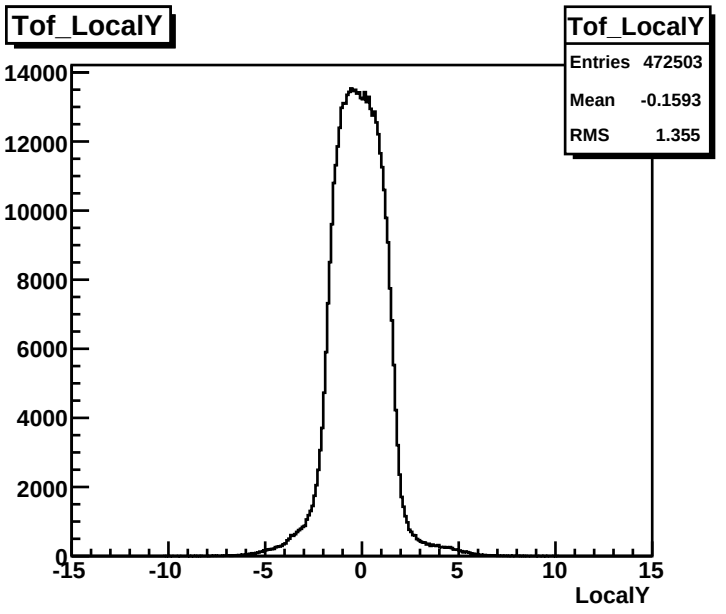

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

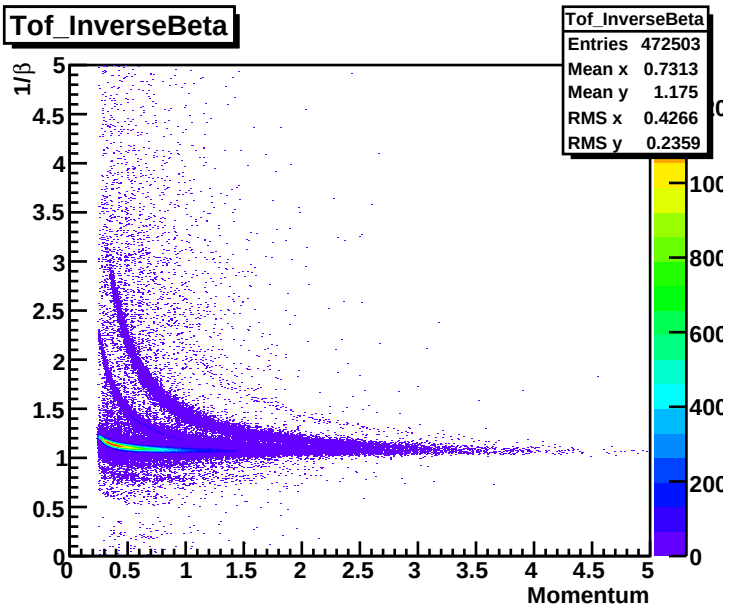

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

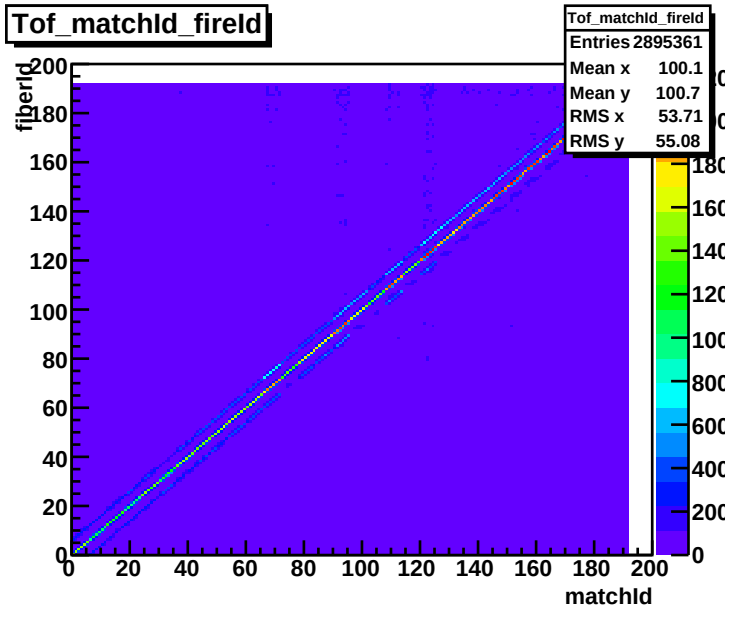

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

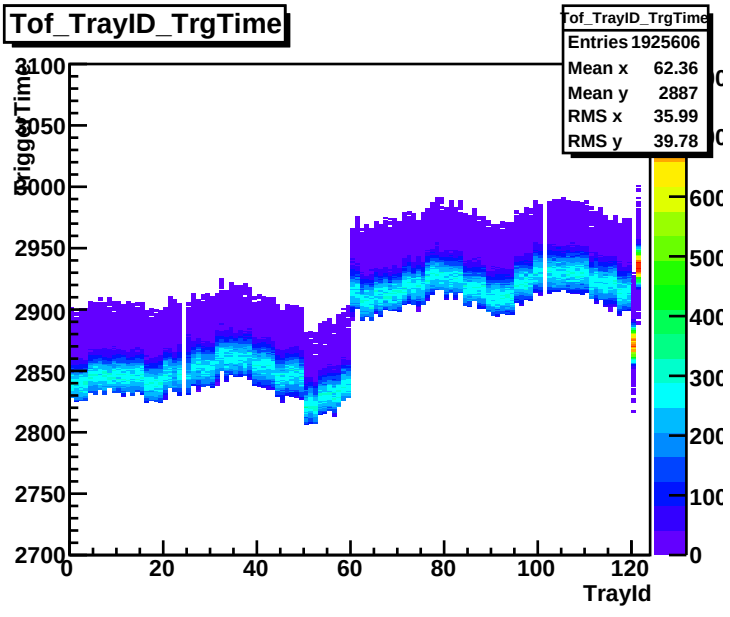

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

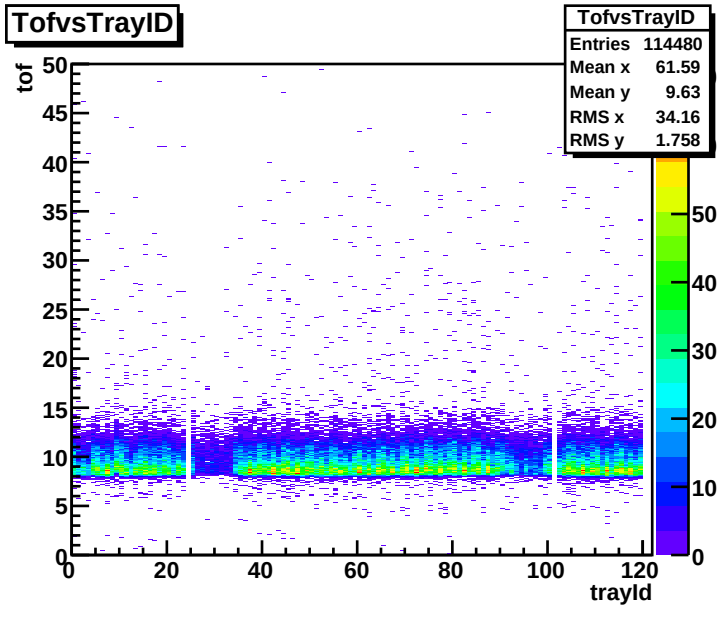

Tof_LocalZ
Tof_LocalZ
Entries 472503
Mean -0.2299
RMS 1.905
LocalZ

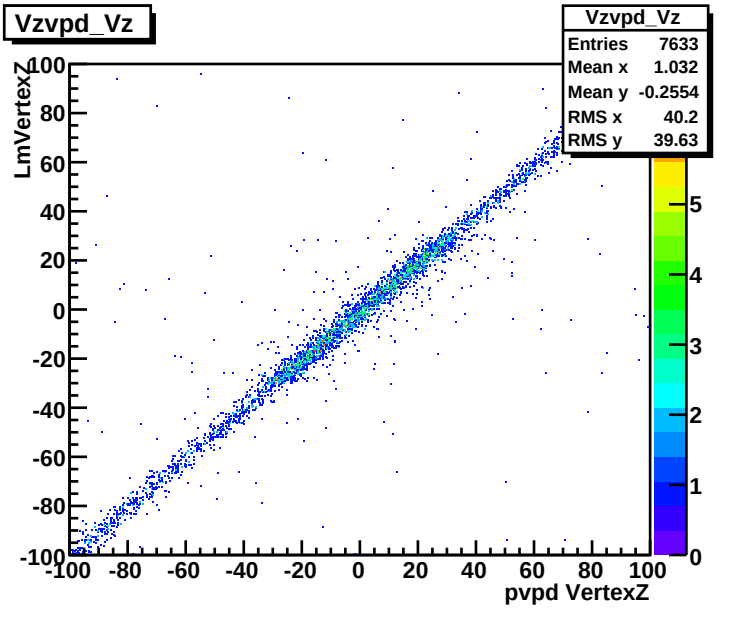

Tof_LocalY
Tof_LocalY
Entries 472503
Mean -0.1593
RMS 1.355
LocalY

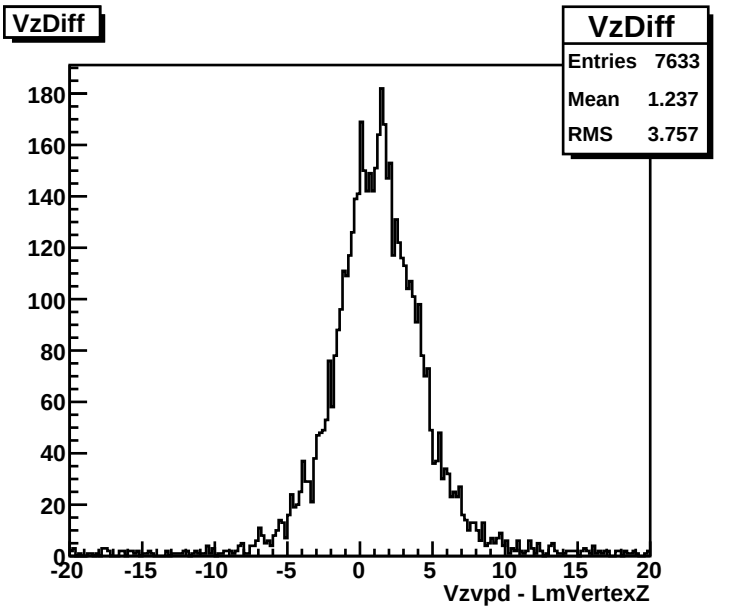

Tof_InverseBeta
Tof_InverseBeta
Entries 472503
Mean x 0.7313
Mean y 1.175
RMS x 0.4266
RMS y 0.2359
1/β
Momentum

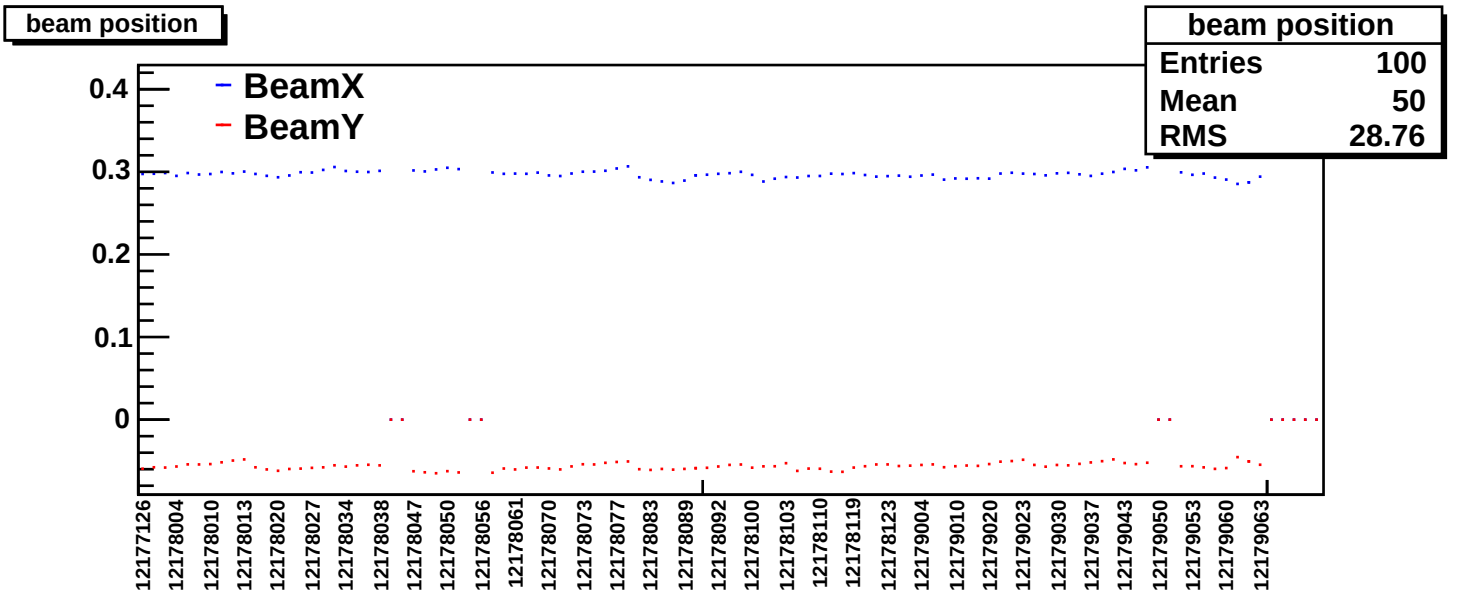

Tof_matchId_fireId
Tof_matchId_fireId
Entries 2895361
Mean x 100.1
Mean y 100.7
RMS x 53.71
RMS y 55.08
fiberId
matchId

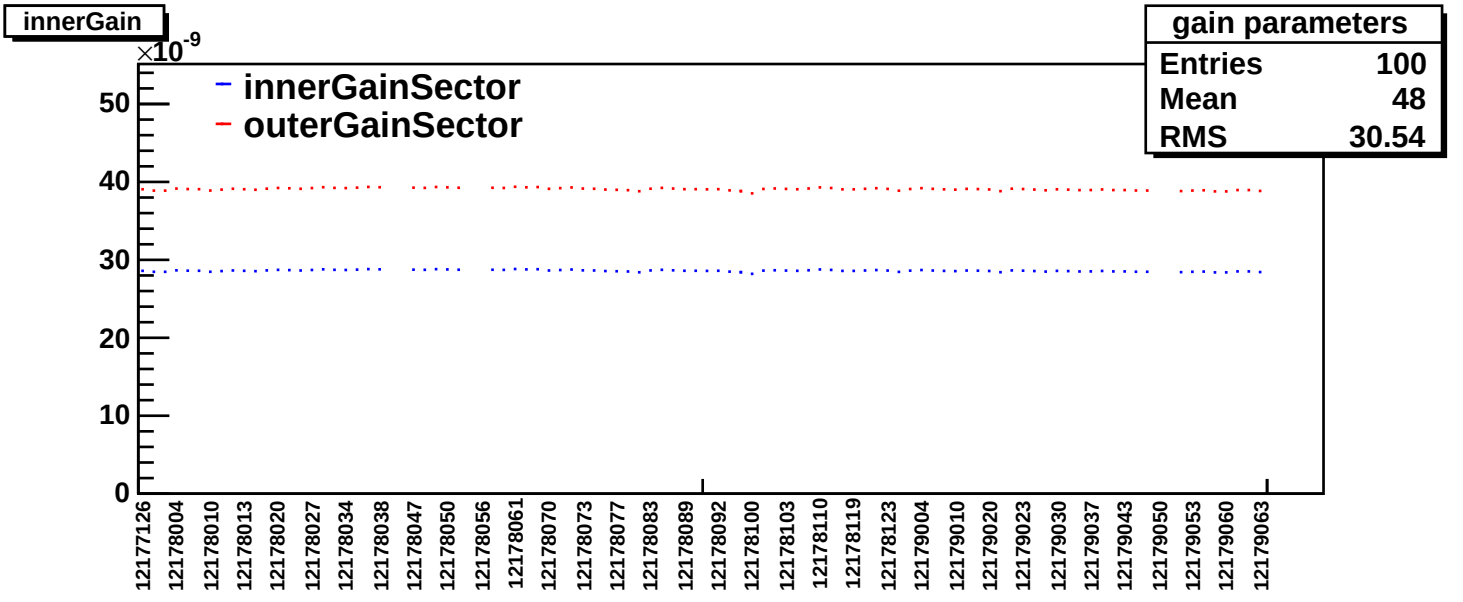

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 1925606
Mean x 62.36
Mean y 2887
RMS x 35.99
RMS y 39.78
TrgTime
TrayId

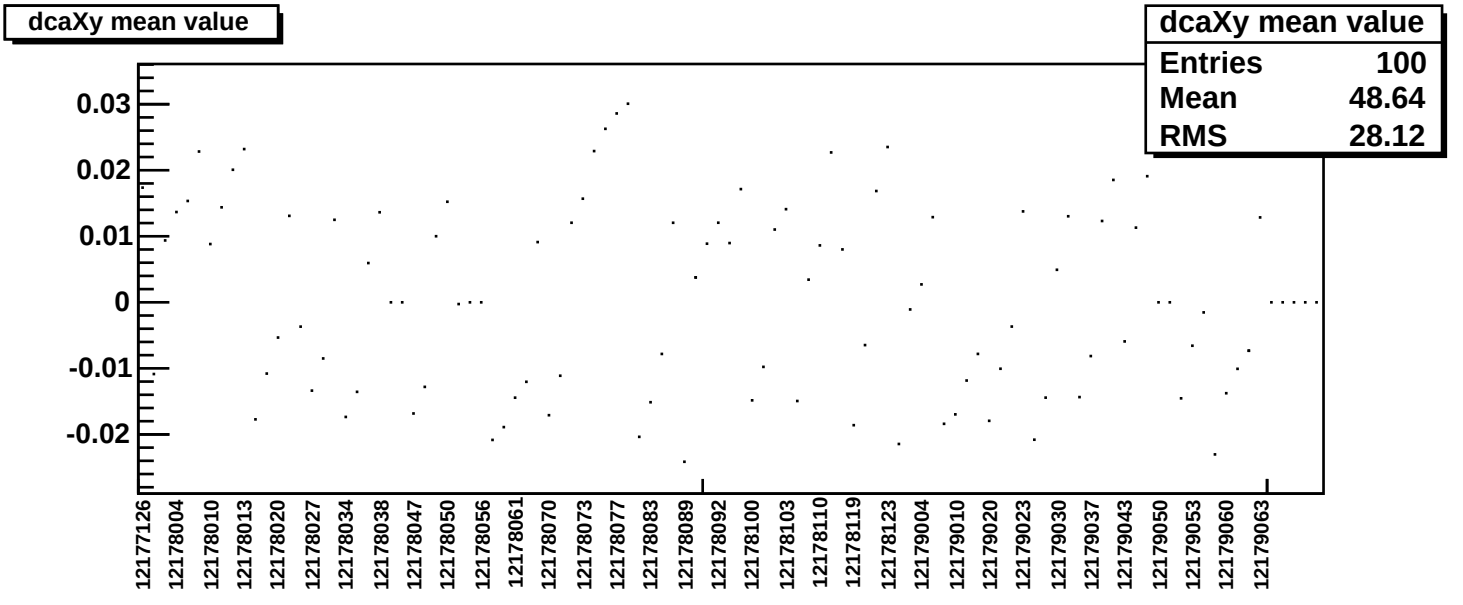

TofvsTrayID
TofvsTrayID
Entries 114480
Mean x 61.59
Mean y 9.63
RMS x 34.16
RMS y 1.758
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 7633
Mean x 1.032
Mean y -0.2554
RMS x 40.2
RMS y 39.63
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 7633
Mean 1.237
RMS 3.757
180
160
140
120
100
80
60
40
20
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 50
RMS 28.76
BeamX
BeamY
0.4
0.3
0.2
0.1
0
12177126
12178004
12178010
12178013
12178020
12178027
12178034
12178038
12178047
12178050
12178056
12178061
12178070
12178073
12178077
12178083
12178089
12178092
12178100
12178103
12178110
12178119
12178123
12179004
12179010
12179020
12179023
12179030
12179037
12179043
12179050
12179053
12179060
12179063


innerGain
gain parameters
Entries 100
Mean 48
RMS 30.54
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12177126
12178004
12178010
12178013
12178020
12178027
12178034
12178038
12178047
12178050
12178056
12178061
12178070
12178073
12178077
12178083
12178089
12178092
12178100
12178103
12178110
12178119
12178123
12179004
12179010
12179020
12179023
12179030
12179037
12179043
12179050
12179053
12179060
12179063


dcaXy mean value
dcaXy mean value
Entries 100
Mean 48.64
RMS 28.12
0.03
0.02
0.01
0
-0.01
-0.02
12177126
12178004
12178010
12178013
12178020
12178027
12178034
12178038
12178047
12178050
12178056
12178061
12178070
12178073
12178077
12178083
12178089
12178092
12178100
12178103
12178110
12178119
12178123
12179004
12179010
12179020
12179023
12179030
12179037
12179043
12179050
12179053
12179060
12179063