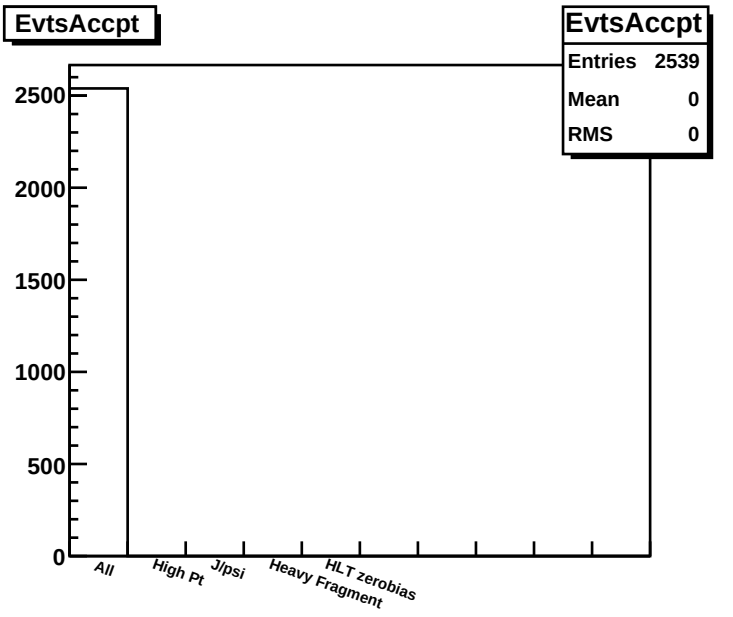
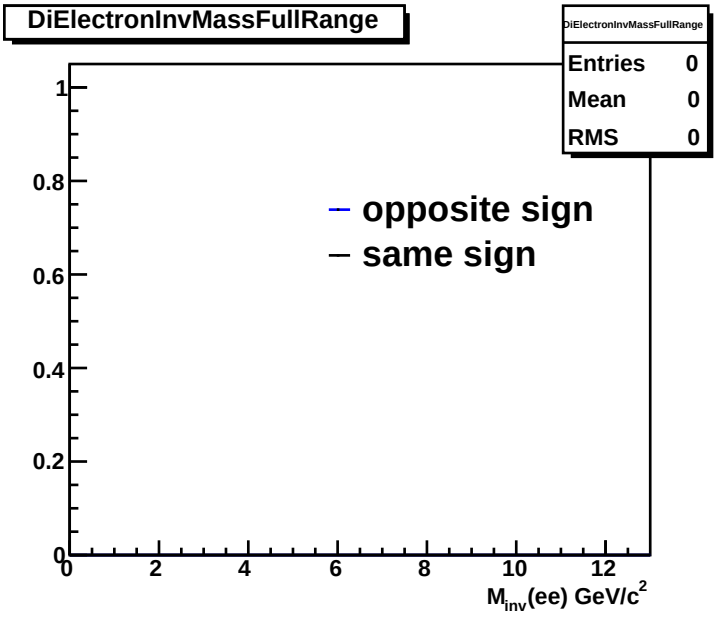
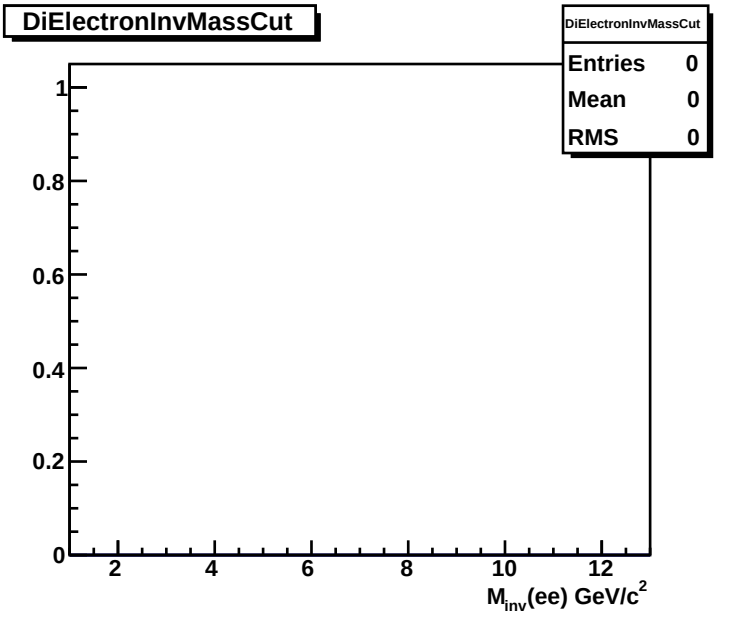
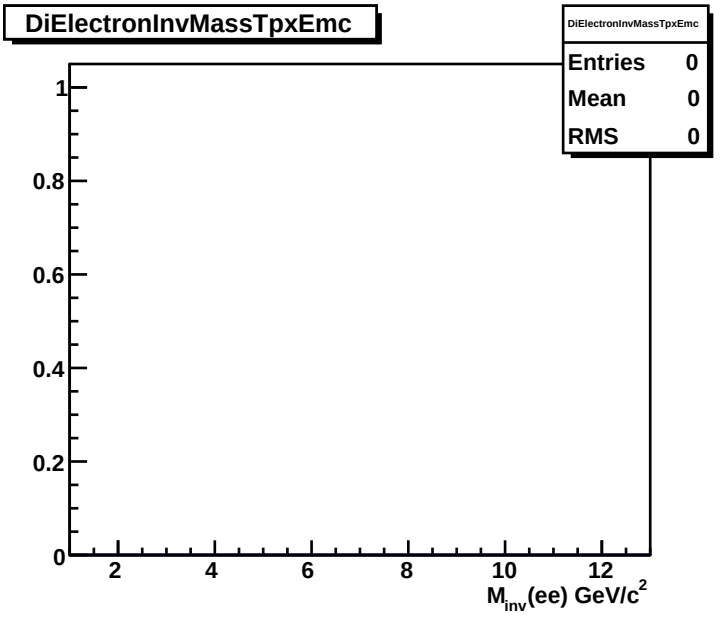
This file is produced on

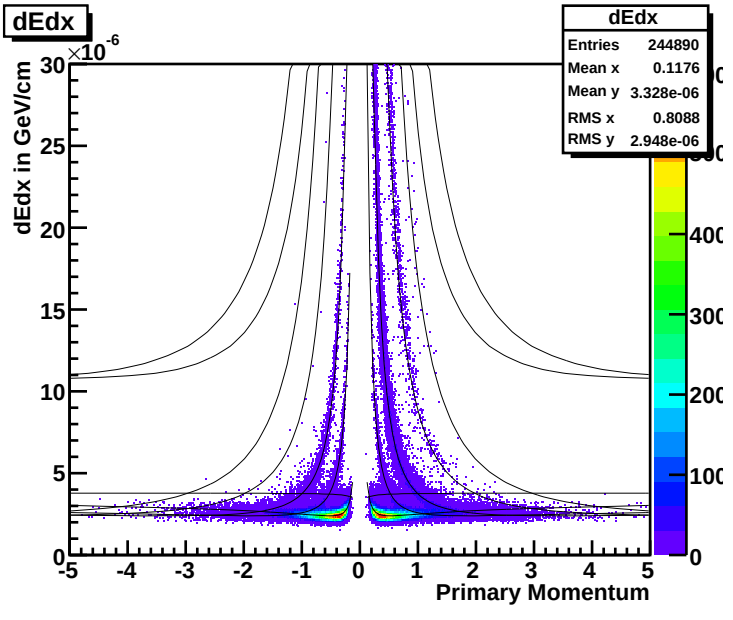
Fri Jun 24 04:55:52 2011

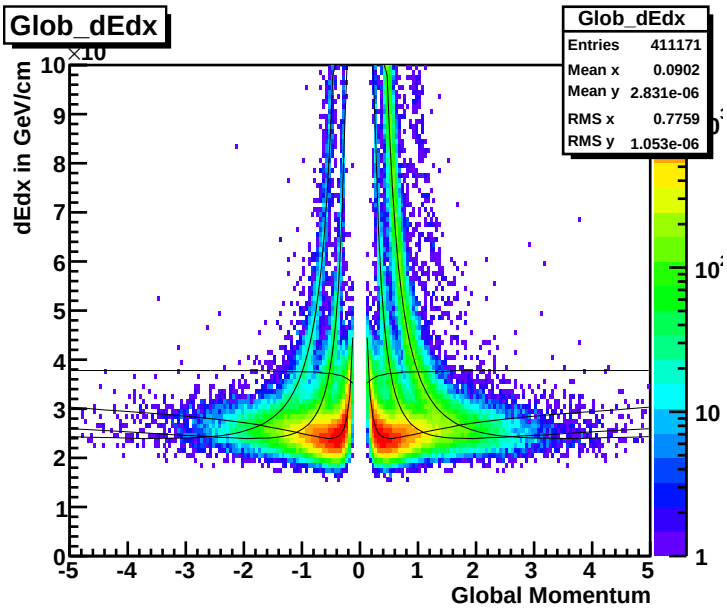


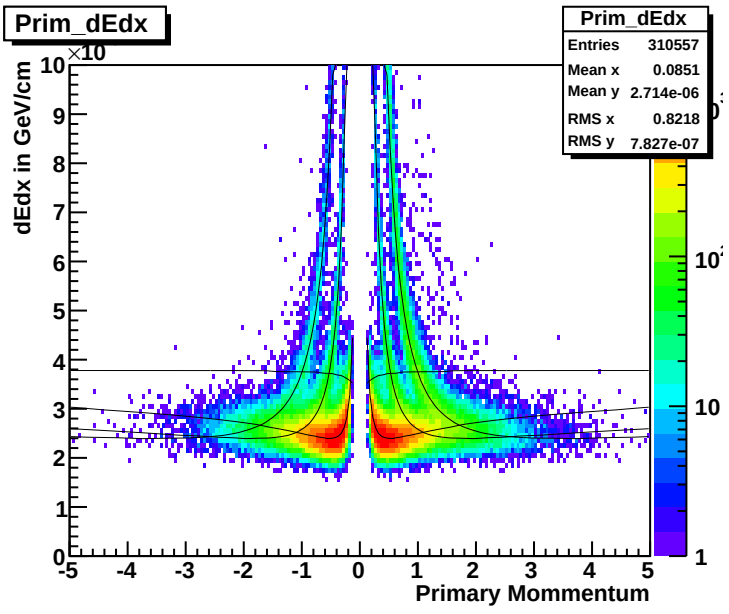


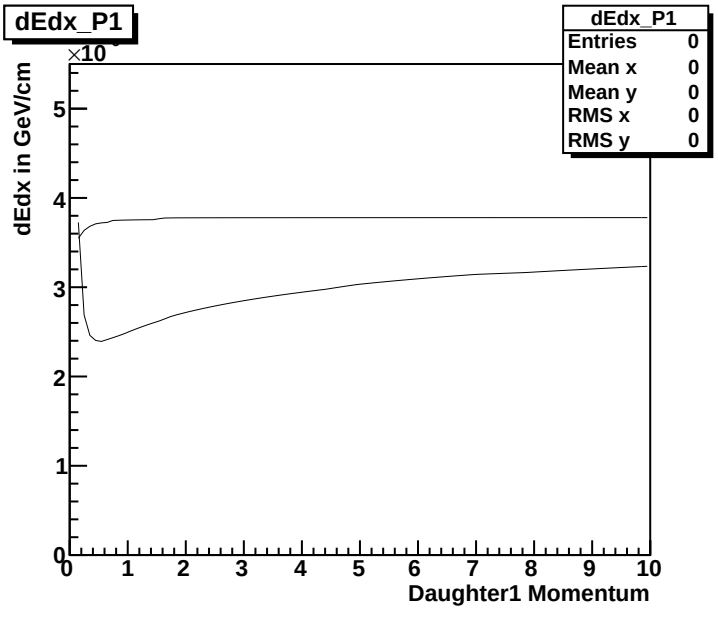


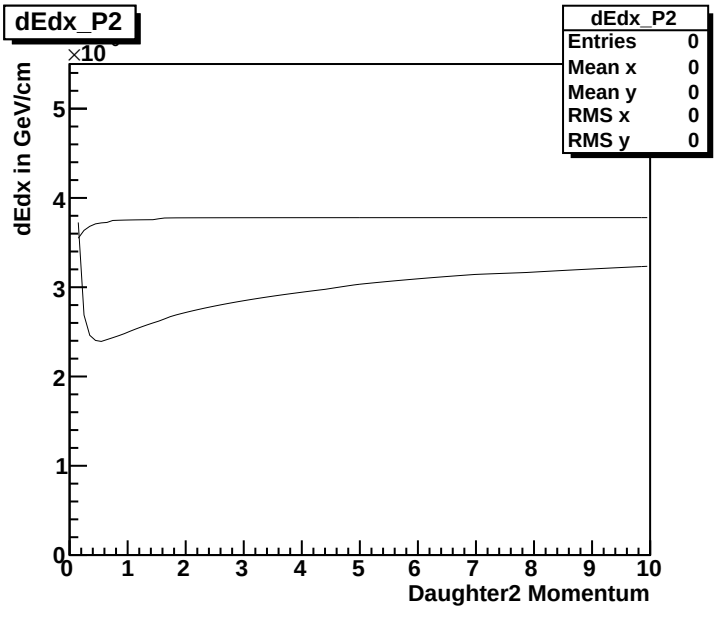


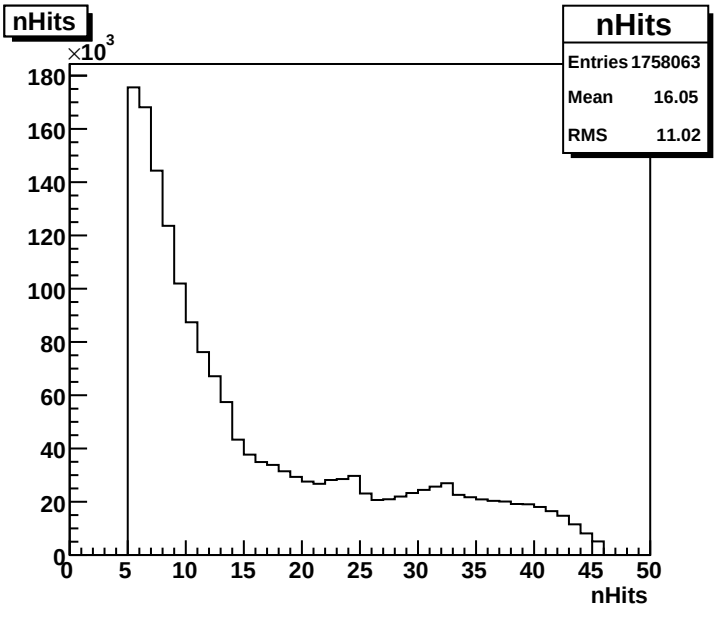


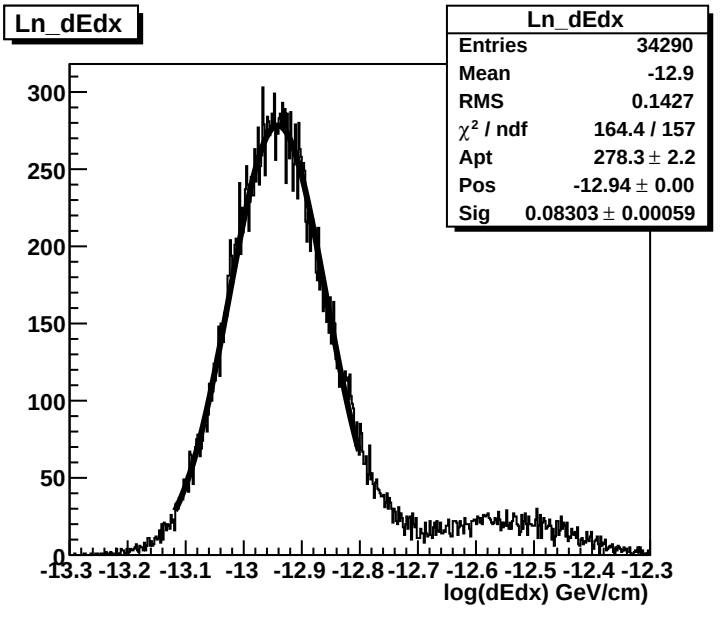

Glob_dEdx
Glob_dEdx
Entries 411171
Mean x 0.0902
Mean y 2.831e-06
RMS x 0.7759
RMS y 1.053e-06
dEdx in GeV/cm
Global Momentum

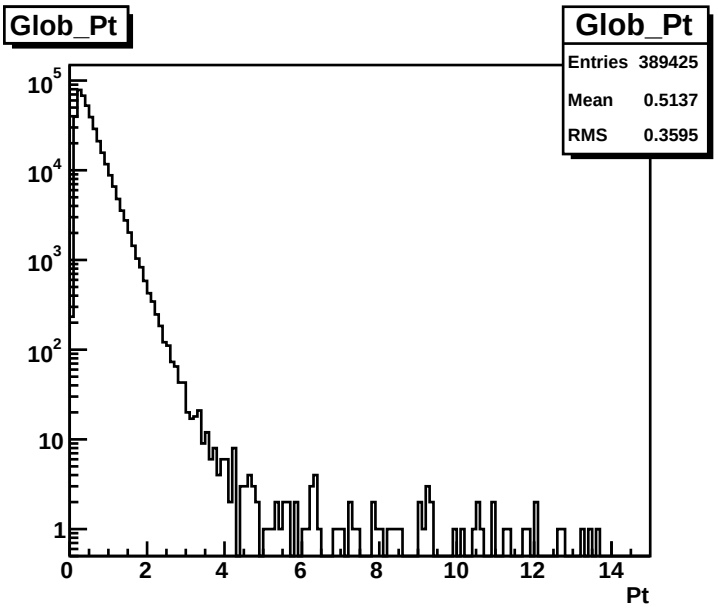

Prim_dEdx
Prim_dEdx
Entries 310557
Mean x 0.0851
Mean y 2.714e-06
RMS x 0.8218
RMS y 7.827e-07
dEdx in GeV/cm
Primary Mommentum

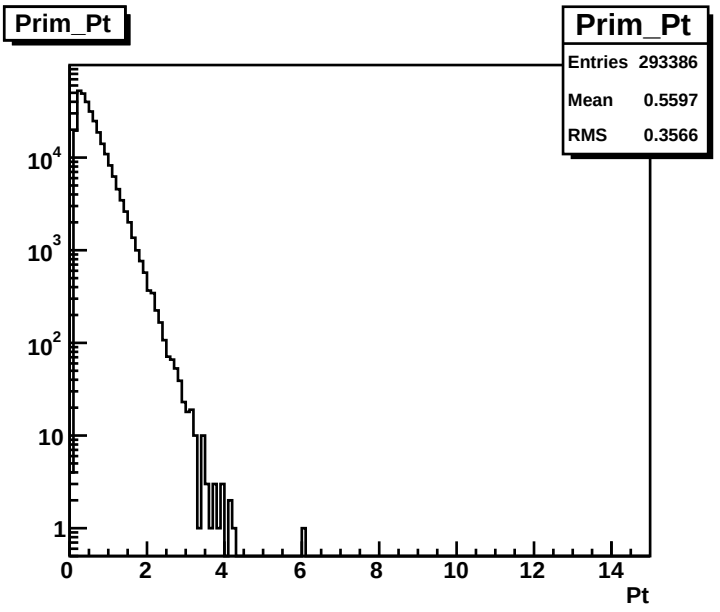

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

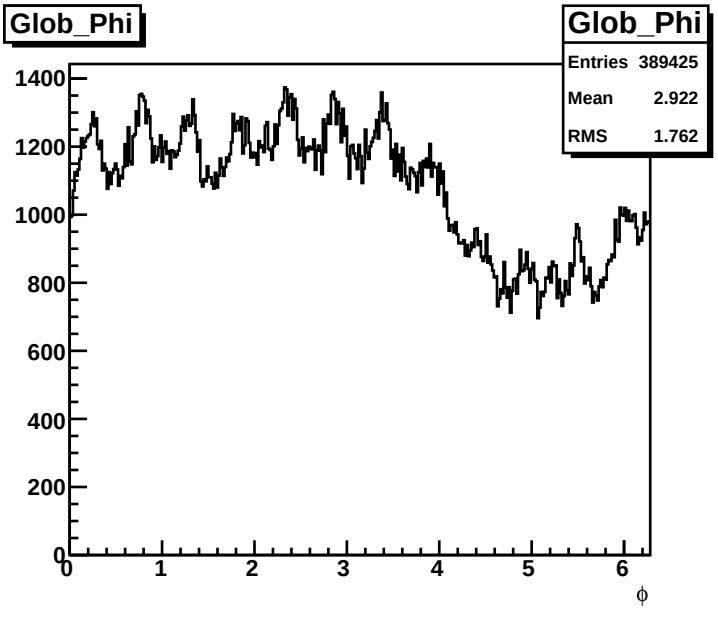

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

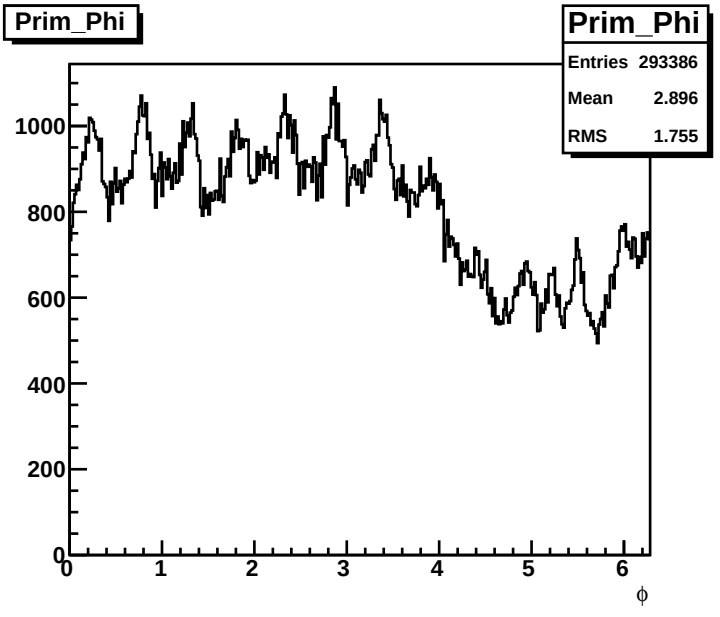

nHits
nHits
Entries 1758063
Mean 16.05
RMS 11.02
nHits

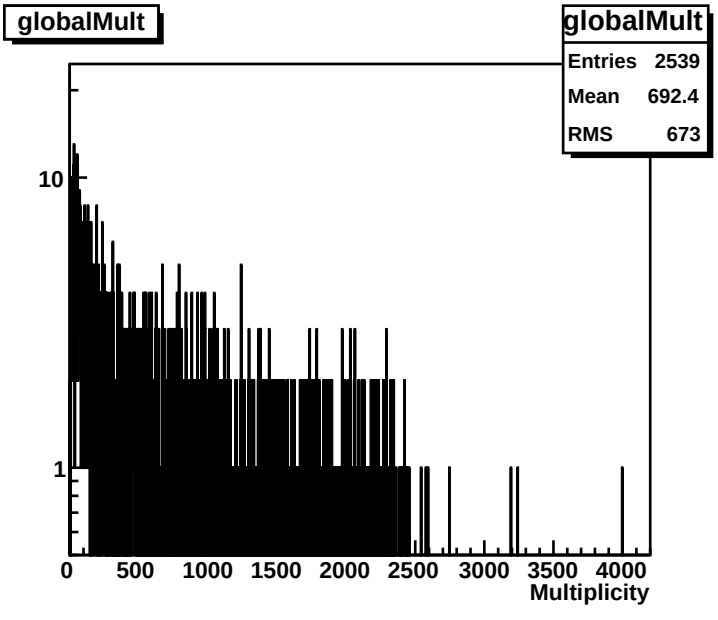

Ln_dEdx
Ln_dEdx
Entries 34290
Mean -12.9
RMS 0.1427
χ² / ndf 164.4 / 157
Apt 278.3 ± 2.2
Pos -12.94 ± 0.00
Sig 0.08303 ± 0.00059
log(dEdx) GeV/cm)

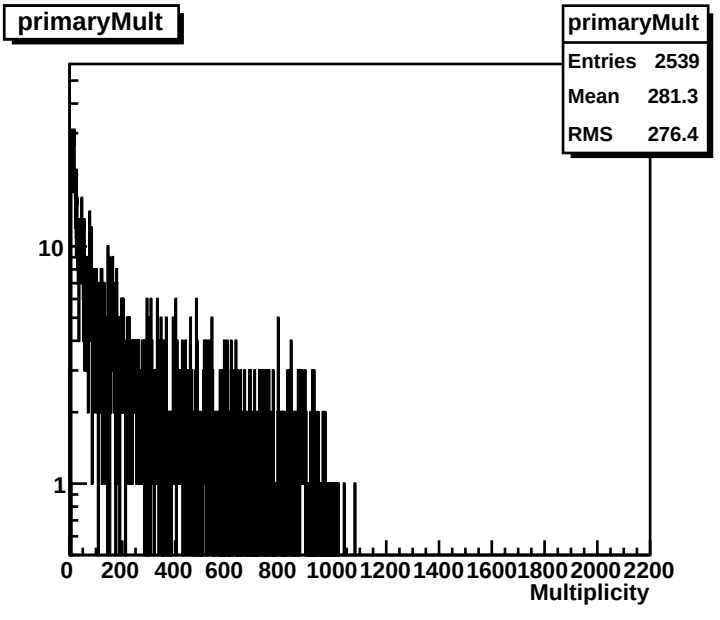

Glob_Pt
Glob_Pt
Entries 389425
Mean 0.5137
RMS 0.3595
Pt

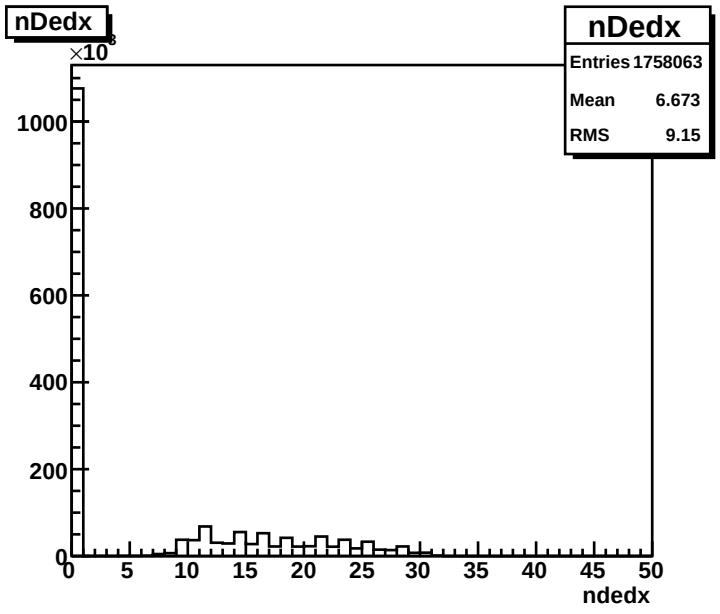

Prim_Pt
Prim_Pt
Entries 293386
Mean 0.5597
RMS 0.3566
Pt

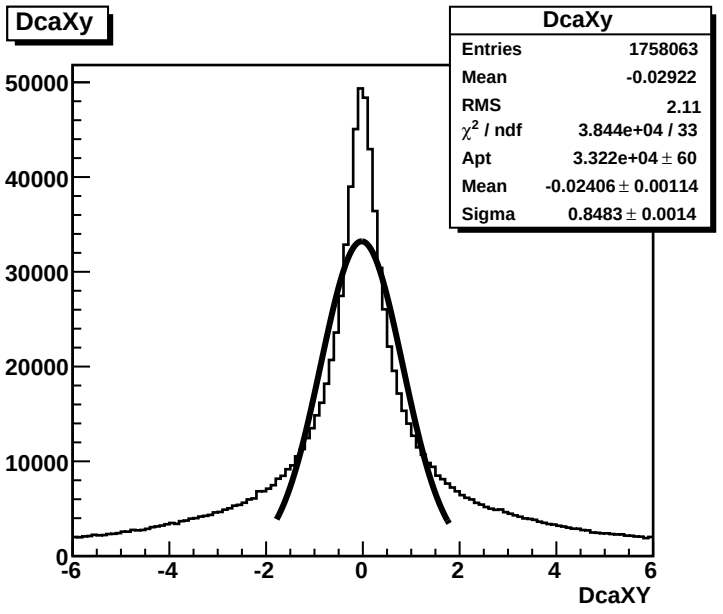

Glob_Phi
Glob_Phi
Entries 389425
Mean 2.922
RMS 1.762
ϕ

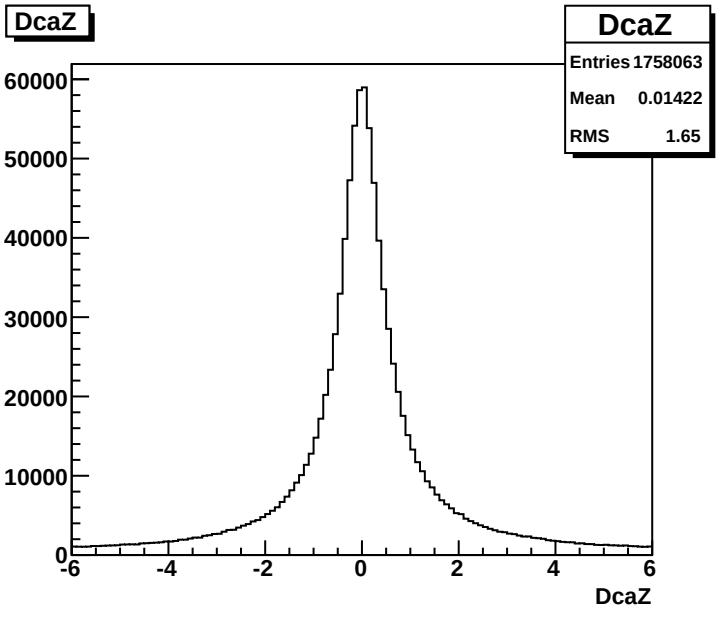

Prim_Phi
Prim_Phi
Entries 293386
Mean 2.896
RMS 1.755
ϕ

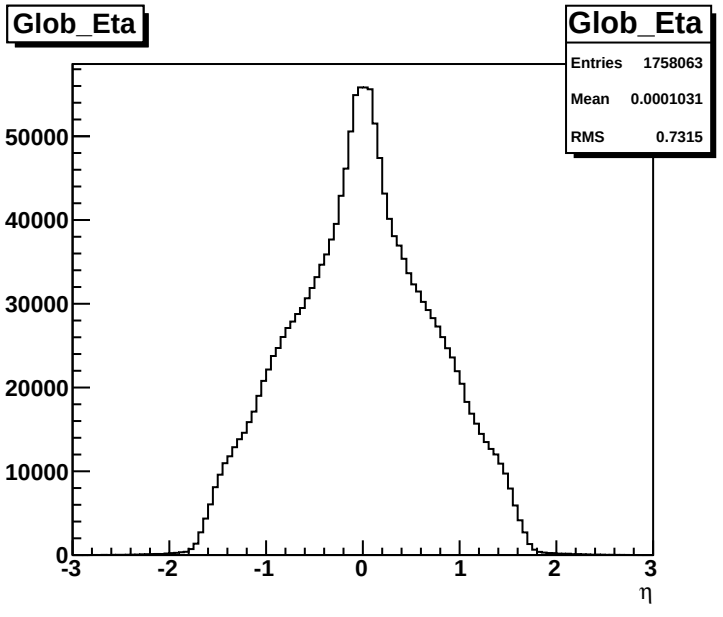

globalMult
globalMult
Entries 2539
Mean 692.4
RMS 673
Multiplicity

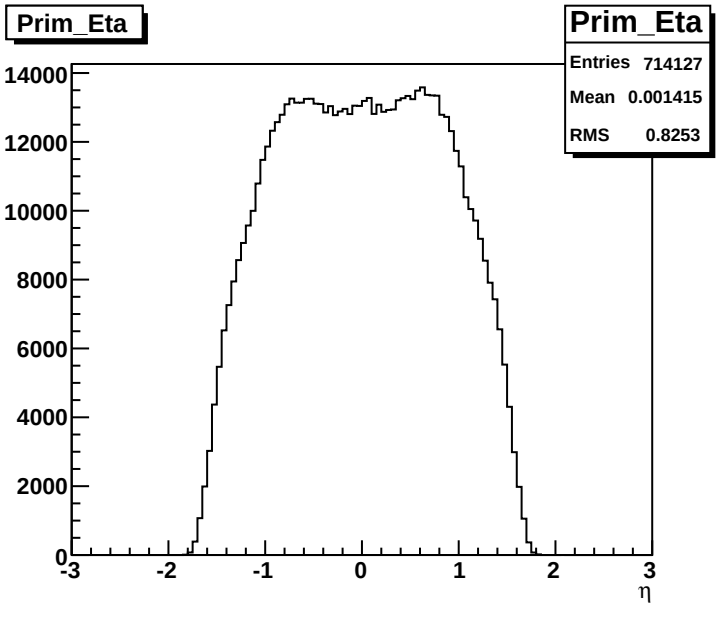

primaryMult
primaryMult
Entries 2539
Mean 281.3
RMS 276.4
Multiplicity

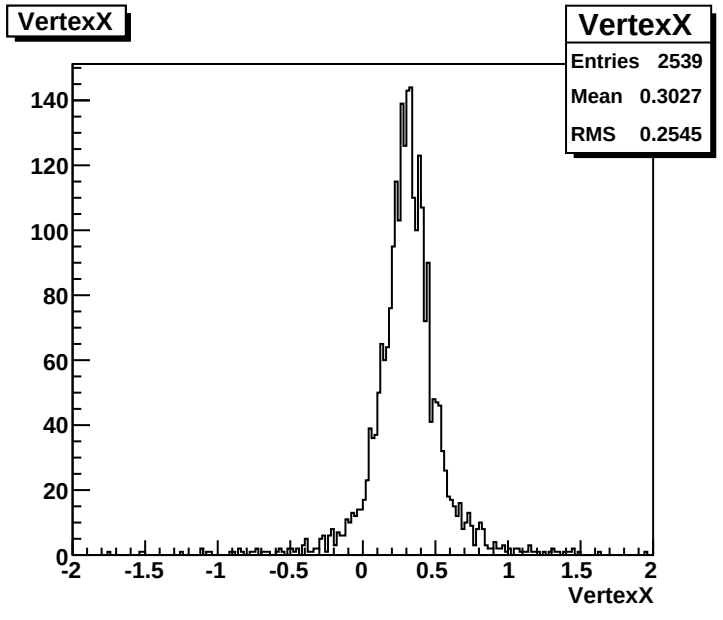

nDedx
nDedx
Entries 1758063
Mean 6.673
RMS 9.15
×10^3
ndedx

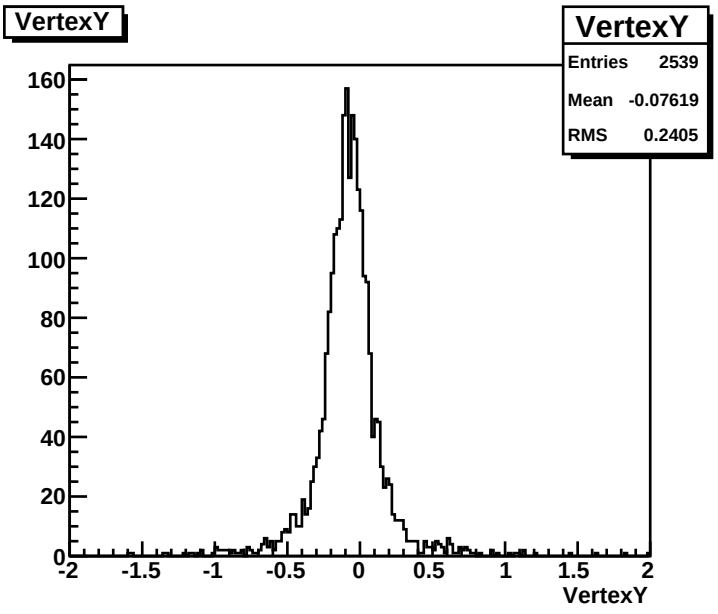

DcaXy
DcaXy
Entries 1758063
Mean -0.02922
RMS 2.11
χ² / ndf 3.844e+04 / 33
Apt 3.322e+04 ± 60
Mean -0.02406 ± 0.00114
Sigma 0.8483 ± 0.0014
DcaXY

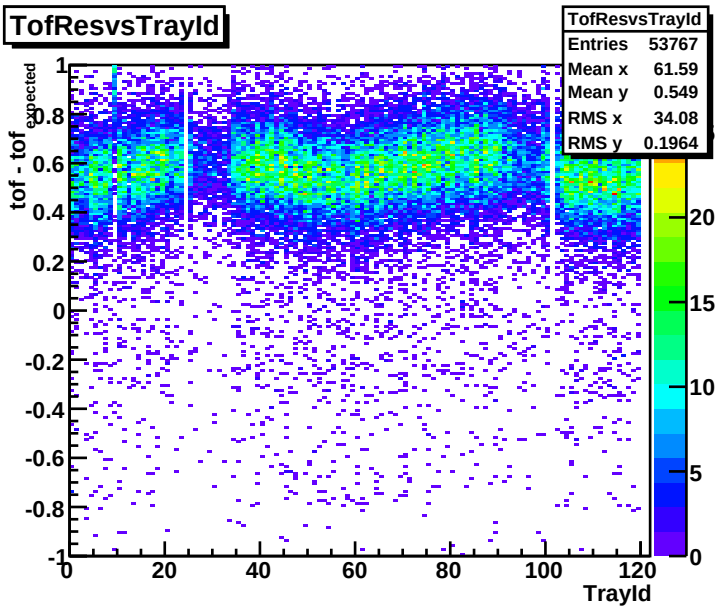

DcaZ
DcaZ
Entries 1758063
Mean 0.01422
RMS 1.65
DcaZ

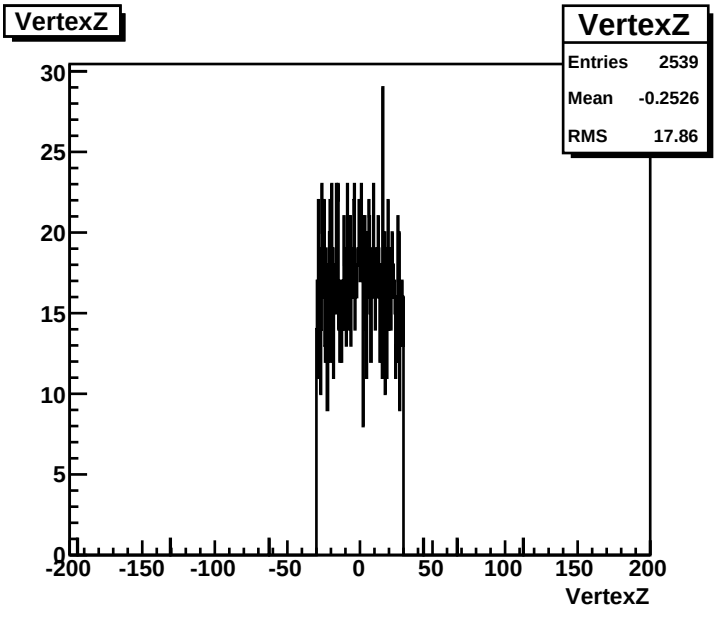

Glob_Eta
Glob_Eta
Entries 1758063
Mean 0.0001031
RMS 0.7315
η

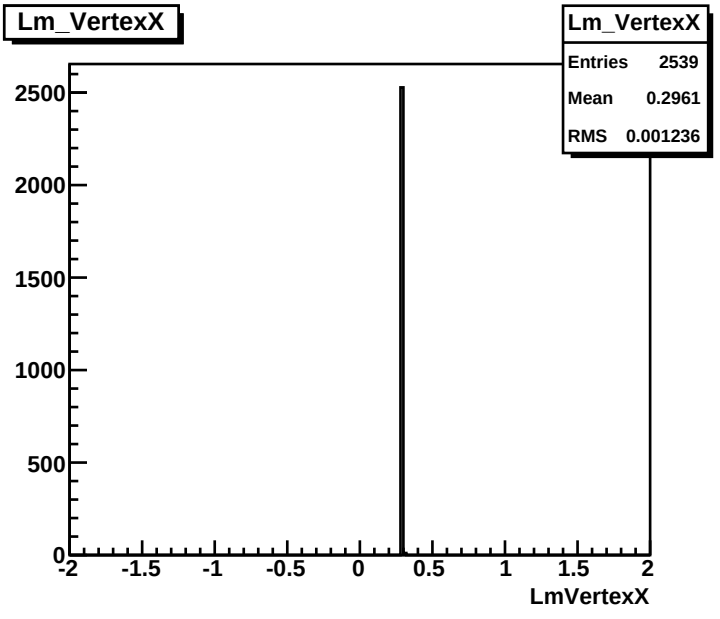

Prim_Eta
Prim_Eta
Entries 714127
Mean 0.001415
RMS 0.8253
η

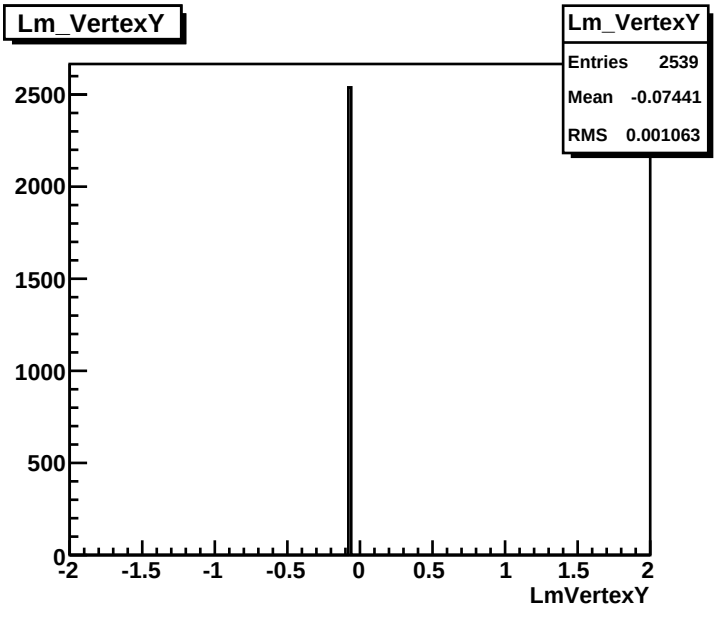

VertexX
VertexX
Entries 2539
Mean 0.3027
RMS 0.2545
VertexX

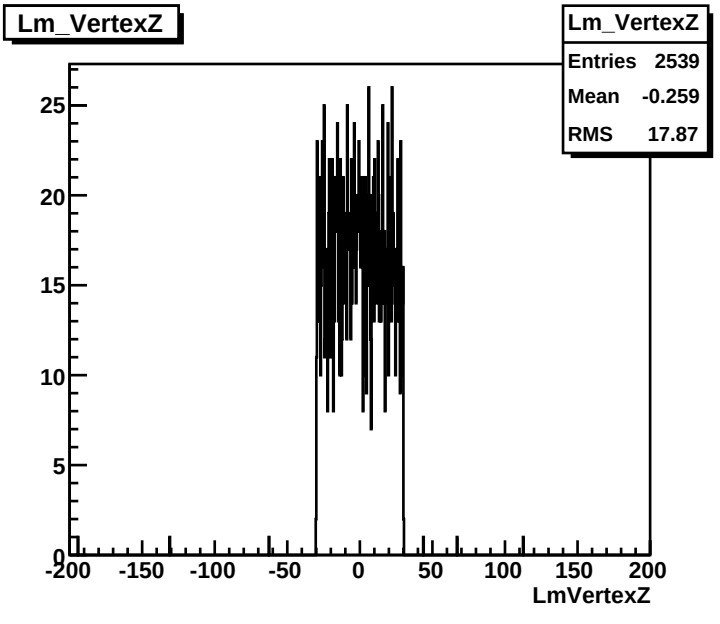

VertexY
VertexY
Entries 2539
Mean -0.07619
RMS 0.2405
VertexY

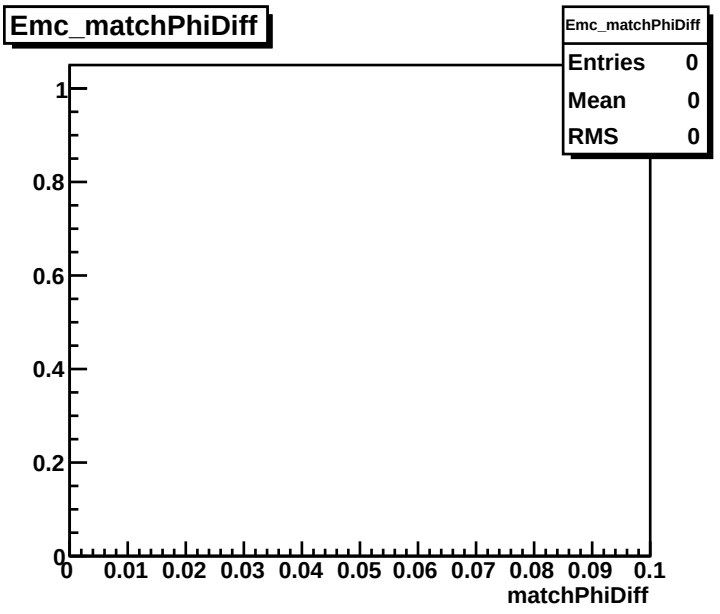

TofResvsTrayId
TofResvsTrayId
Entries 53767
Mean x 61.59
Mean y 0.549
RMS x 34.08
RMS y 0.1964
tof - tof expected
TrayId

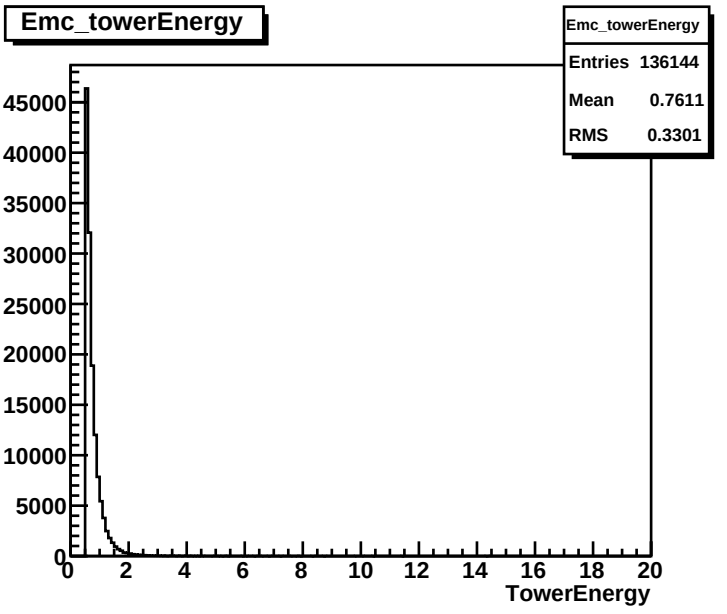

VertexZ
VertexZ
Entries 2539
Mean -0.2526
RMS 17.86
VertexZ

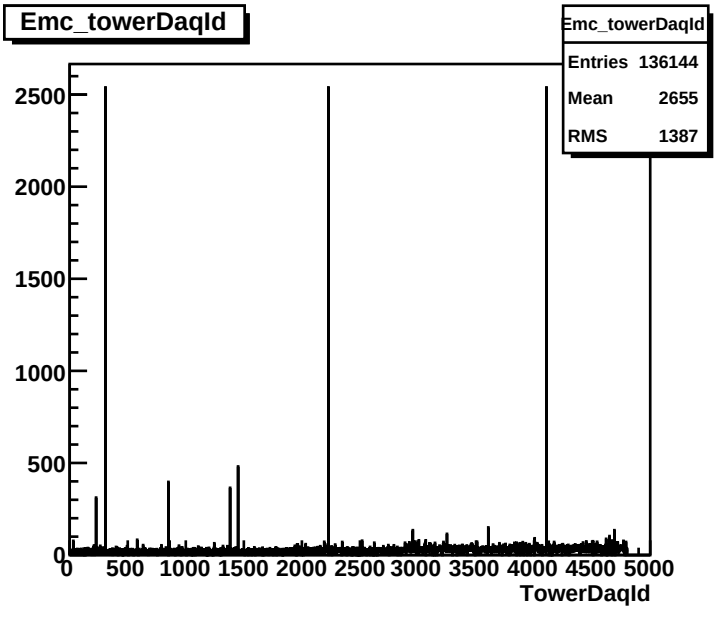

Lm_VertexX
Lm_VertexX
Entries 2539
Mean 0.2961
RMS 0.001236
LmVertexX

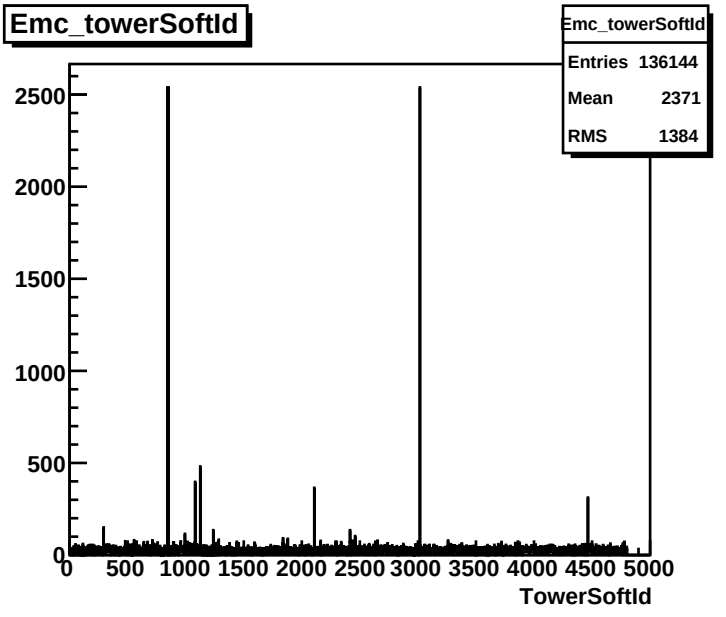

Lm_VertexY
Lm_VertexY
Entries 2539
Mean -0.07441
RMS 0.001063
LmVertexY

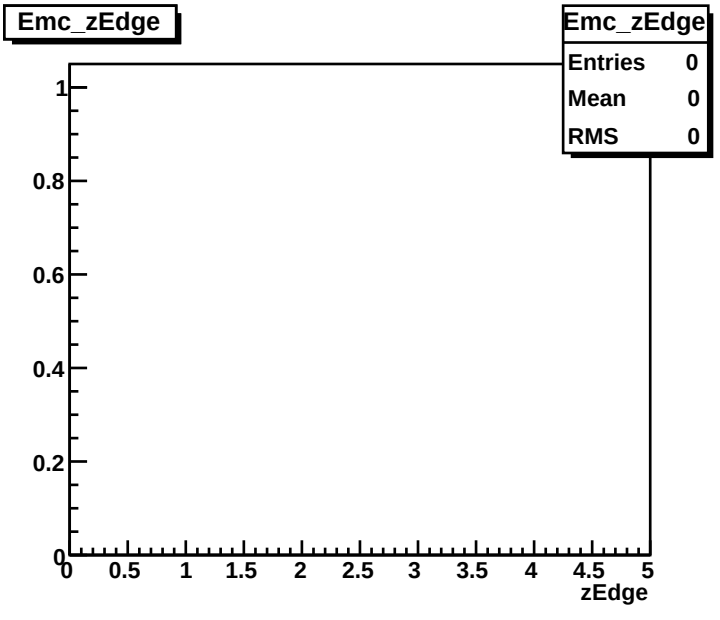

Lm_VertexZ
Lm_VertexZ
Entries 2539
Mean -0.259
RMS 17.87
LmVertexZ

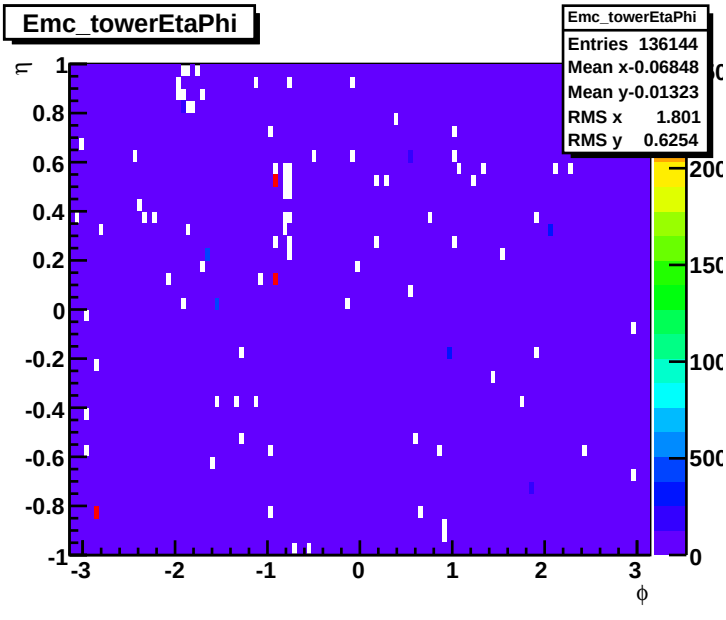

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

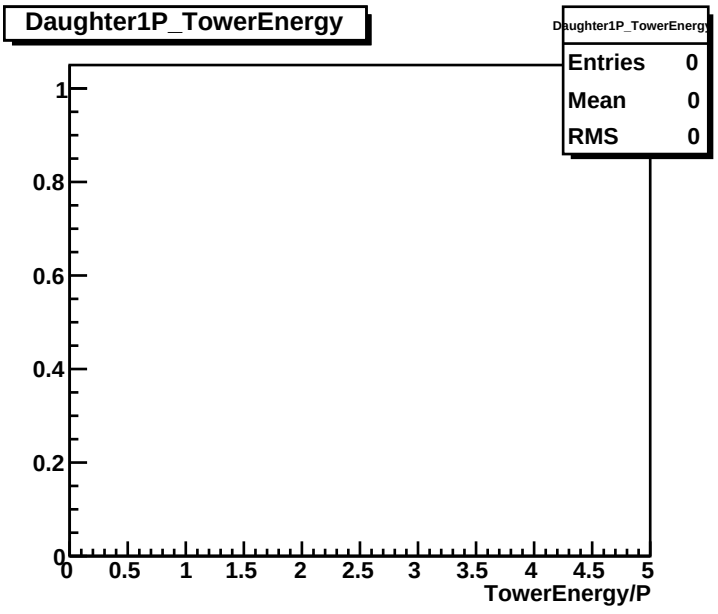

Emc_towerEnergy
Emc_towerEnergy
Entries 136144
Mean 0.7611
RMS 0.3301
TowerEnergy

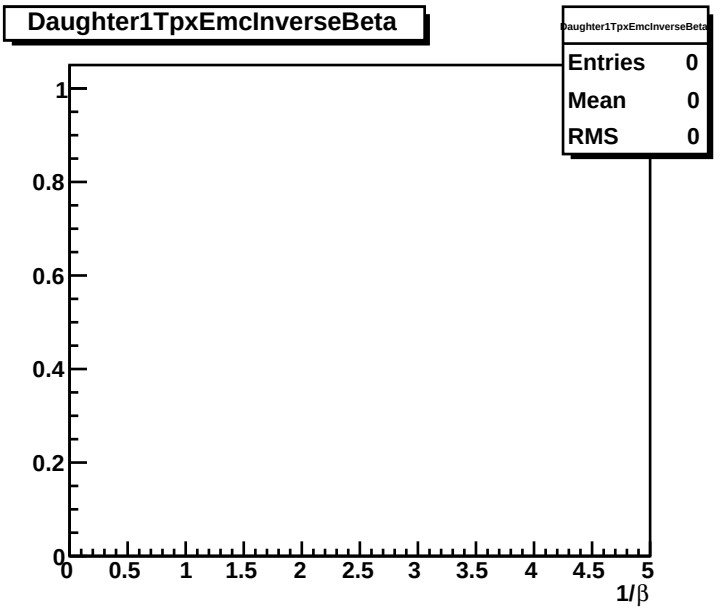

Emc_towerDaqId
Emc_towerDaqId
Entries 136144
Mean 2655
RMS 1387
TowerDaqId

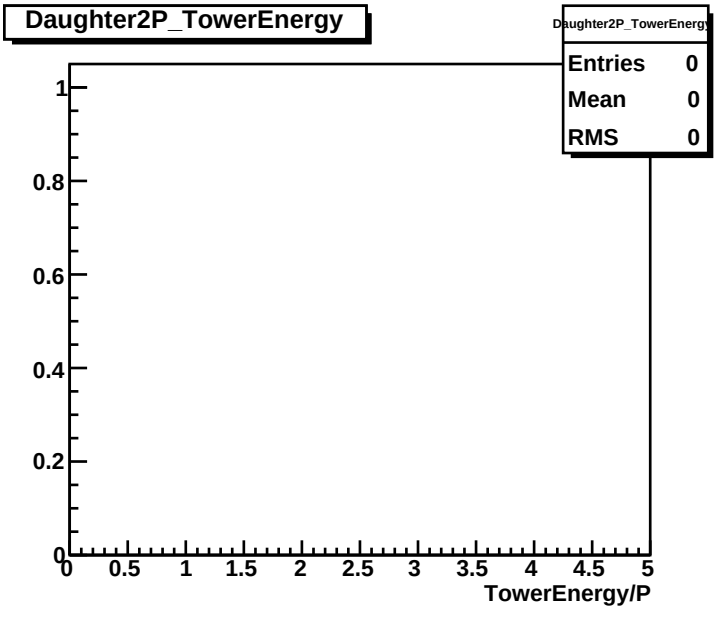

Emc_towerSoftId
Emc_towerSoftId
Entries 136144
Mean 2371
RMS 1384
TowerSoftId

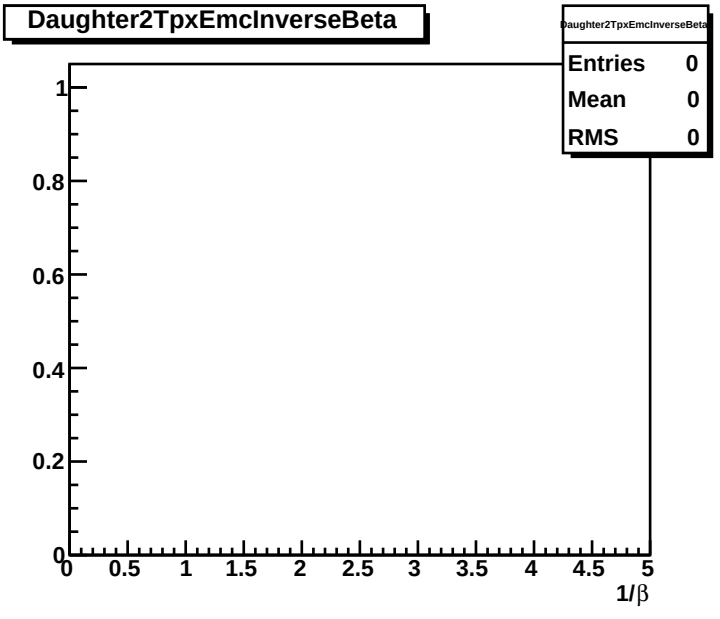

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

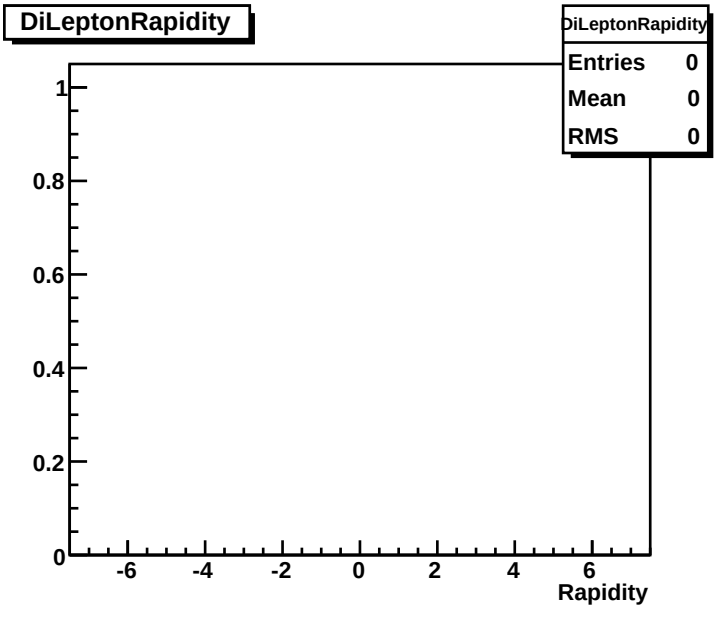

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 136144
Mean x-0.06848
Mean y-0.01323
RMS x 1.801
RMS y 0.6254
η
ϕ

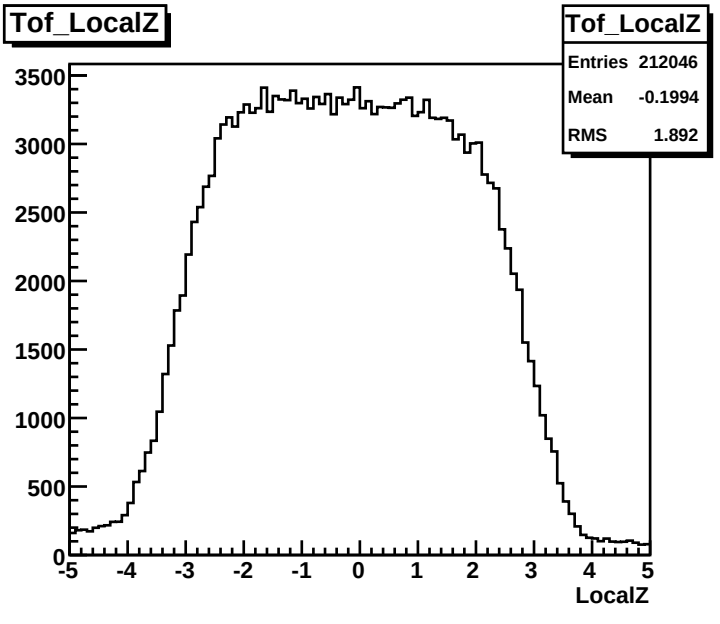

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

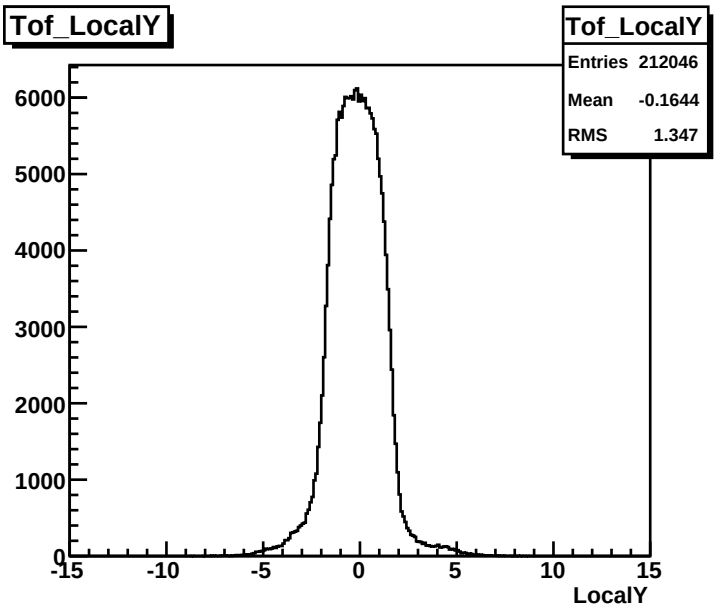

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

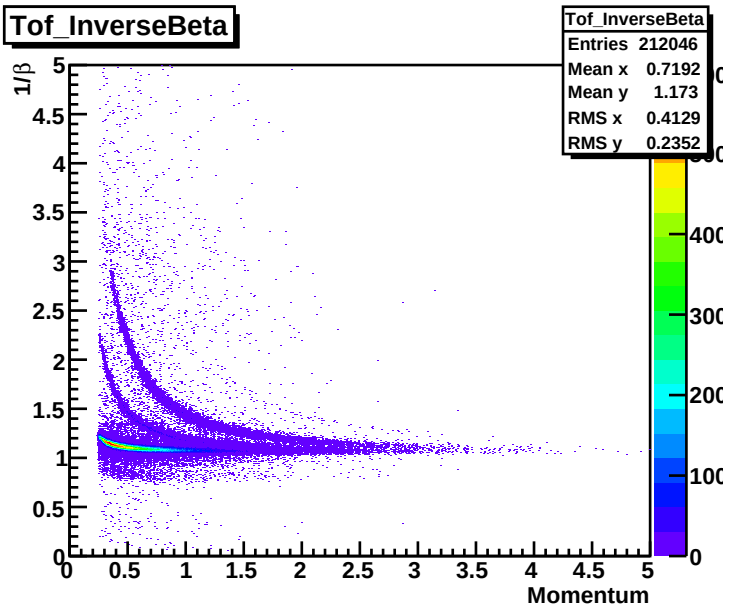

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

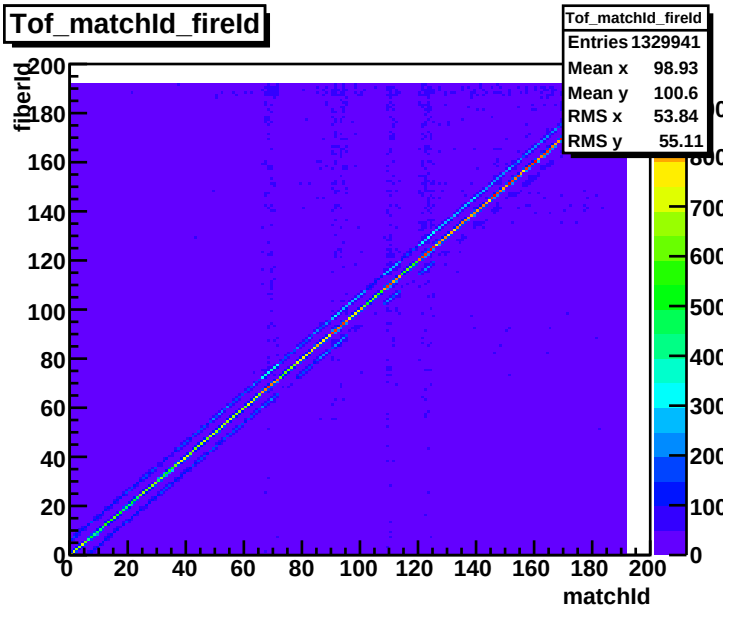

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

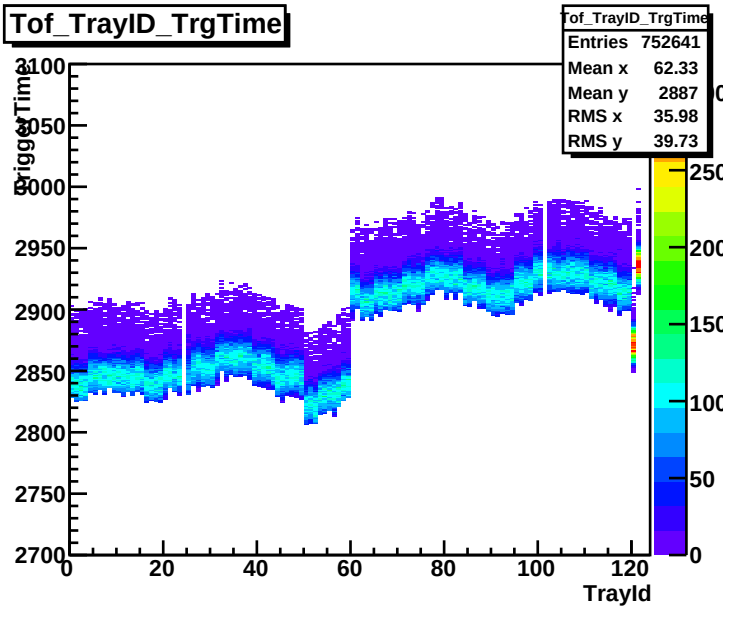

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

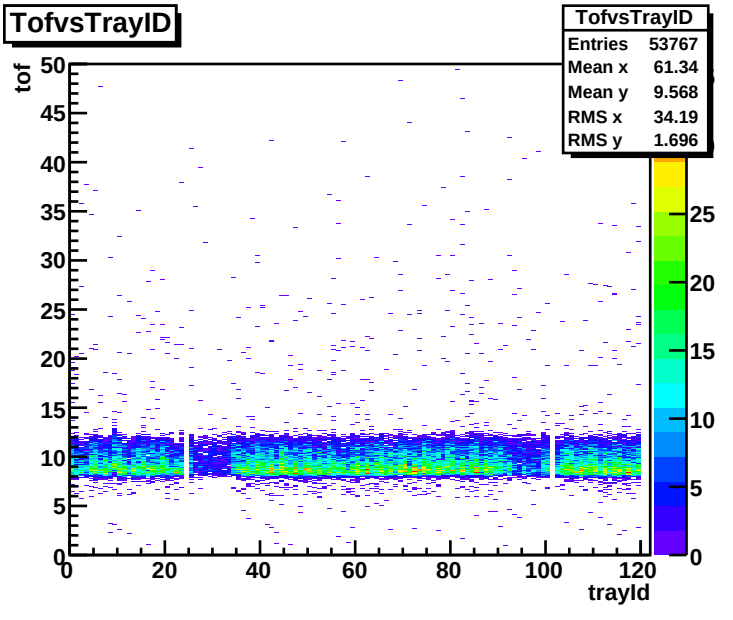

Tof_LocalZ
Tof_LocalZ
Entries 212046
Mean -0.1994
RMS 1.892
LocalZ

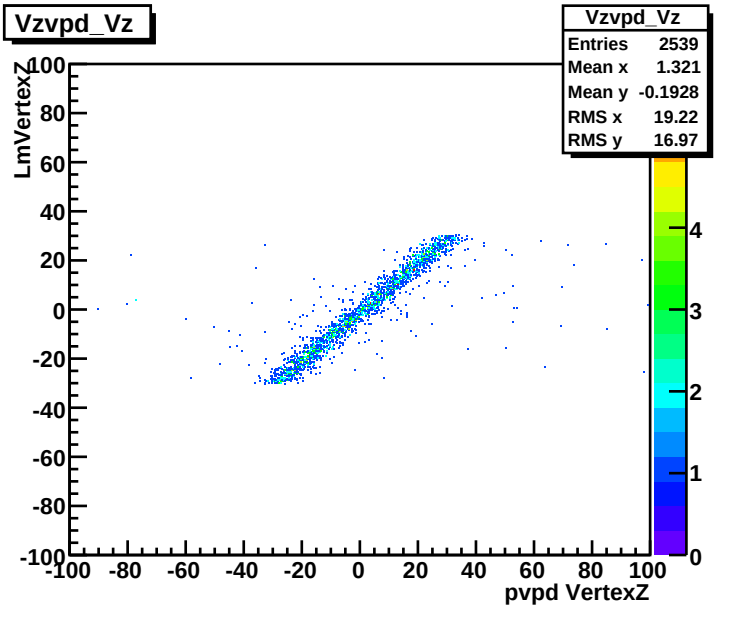

Tof_LocalY
Tof_LocalY
Entries 212046
Mean -0.1644
RMS 1.347
LocalY

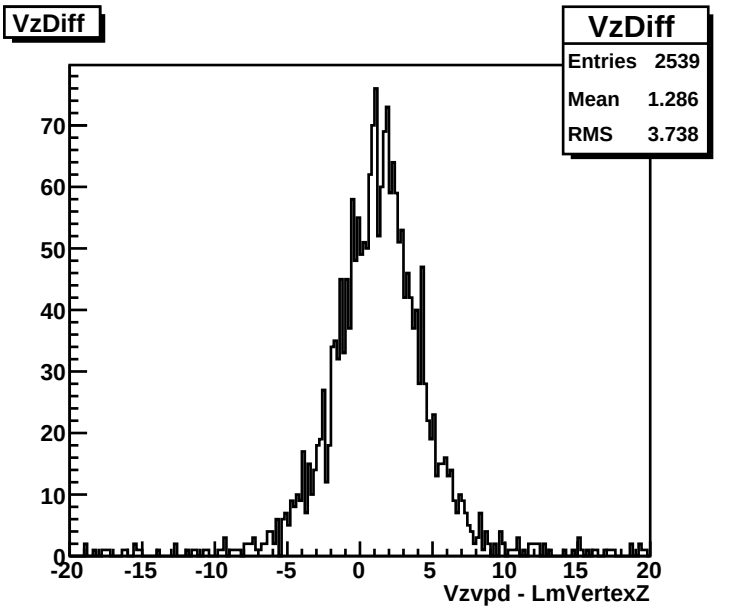

Tof_InverseBeta
Tof_InverseBeta
Entries 212046
Mean x 0.7192
Mean y 1.173
RMS x 0.4129
RMS y 0.2352
1/β
Momentum

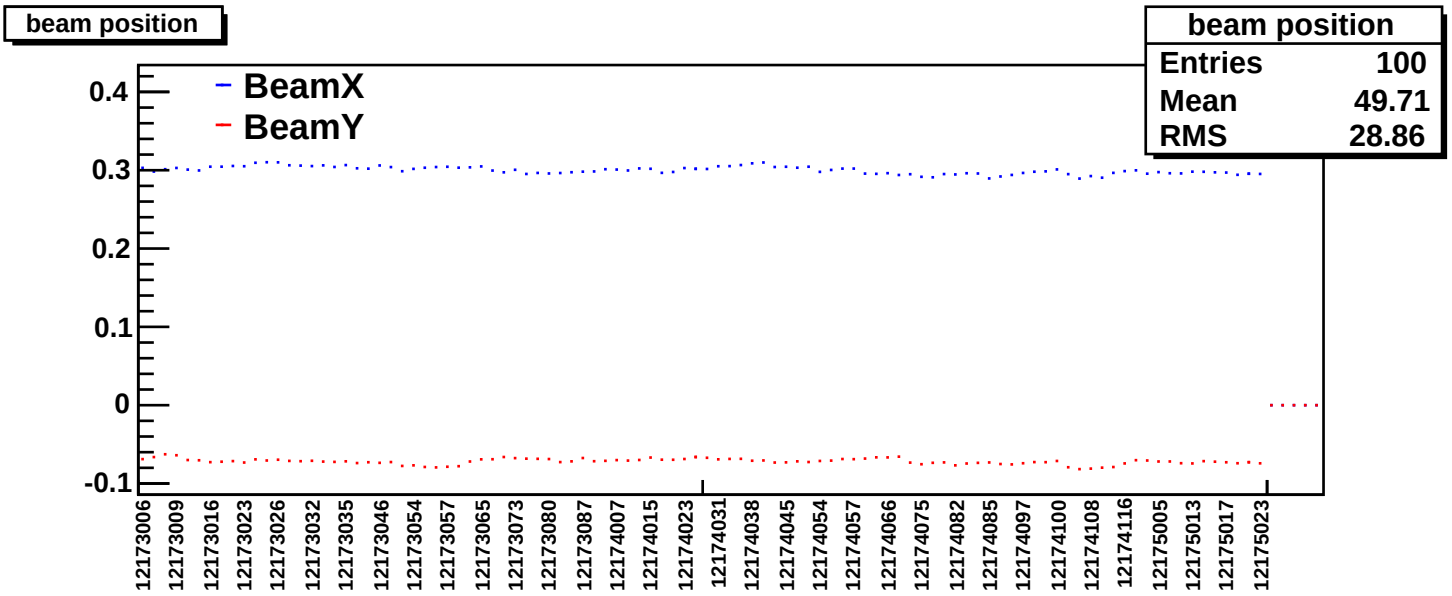

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1329941
Mean x 98.93
Mean y 100.6
RMS x 53.84
RMS y 55.11
fiberId
matchId

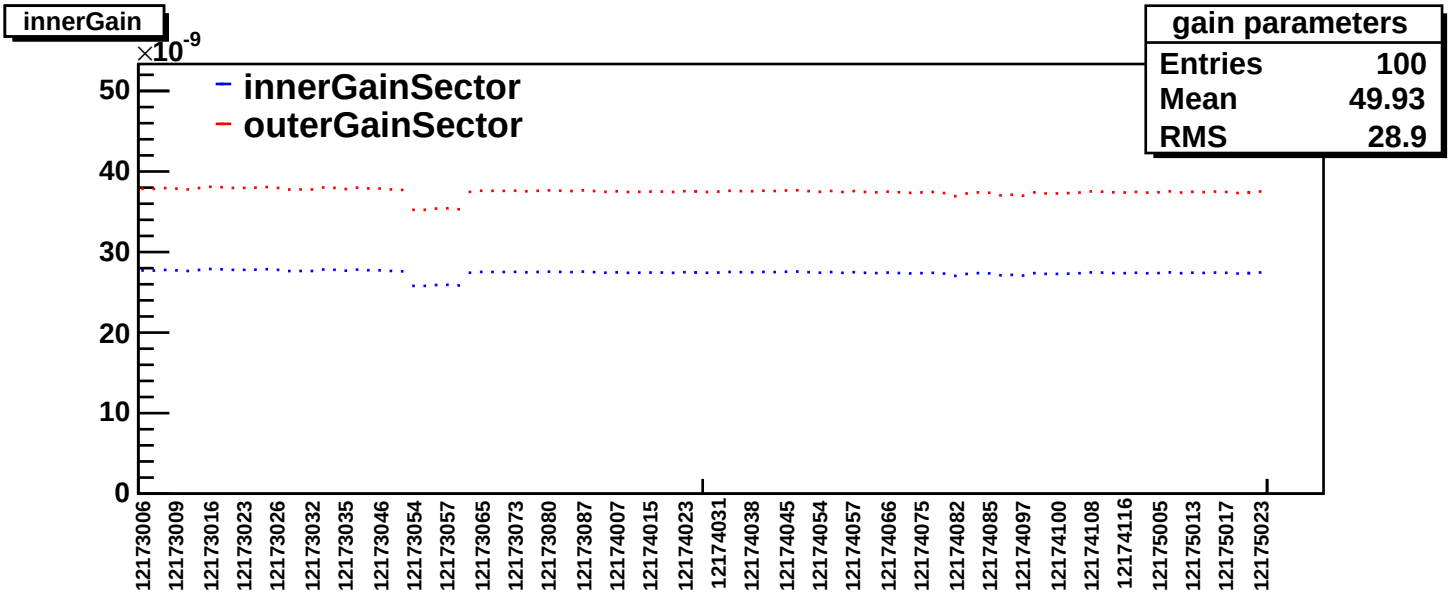

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 752641
Mean x 62.33
Mean y 2887
RMS x 35.98
RMS y 39.73
TrayId

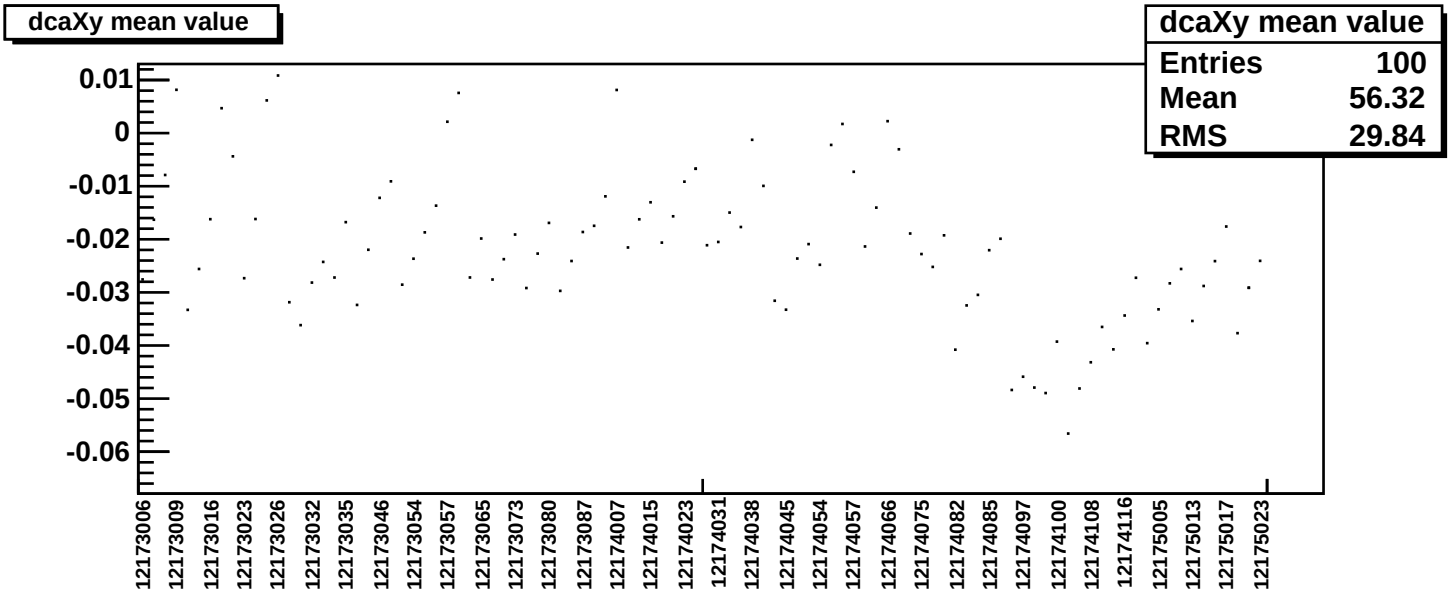

TofvsTrayID
TofvsTrayID
Entries 53767
Mean x 61.34
Mean y 9.568
RMS x 34.19
RMS y 1.696
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 2539
Mean x 1.321
Mean y -0.1928
RMS x 19.22
RMS y 16.97
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 2539
Mean 1.286
RMS 3.738
70
60
50
40
30
20
10
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
BeamX
BeamY
beam position
Entries 100
Mean 49.71
RMS 28.86
0.4
0.3
0.2
0.1
0
-0.1
12173006 12173009 12173016 12173023 12173026 12173032 12173035 12173046 12173054 12173057 12173065 12173073 12173080 12173087 12174007 12174015 12174023 12174031 12174038 12174045 12174054 12174057 12174066 12174075 12174082 12174085 12174097 12174100 12174108 12174116 12175005 12175013 12175017 12175023


innerGain
×10^-9
innerGainSector
outerGainSector
gain parameters
Entries 100
Mean 49.93
RMS 28.9
50
40
30
20
10
0
12173006 12173009 12173016 12173023 12173026 12173032 12173035 12173046 12173054 12173057 12173065 12173073 12173080 12173087 12174007 12174015 12174023 12174031 12174038 12174045 12174054 12174057 12174066 12174075 12174082 12174085 12174097 12174100 12174108 12174116 12175005 12175013 12175017 12175023


dcaXy mean value
dcaXy mean value
Entries 100
Mean 56.32
RMS 29.84
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
12173006 12173009 12173016 12173023 12173026 12173032 12173035 12173046 12173054 12173057 12173065 12173073 12173080 12173087 12174007 12174015 12174023 12174031 12174038 12174045 12174054 12174057 12174066 12174075 12174082 12174085 12174097 12174100 12174108 12174116 12175005 12175013 12175017 12175023