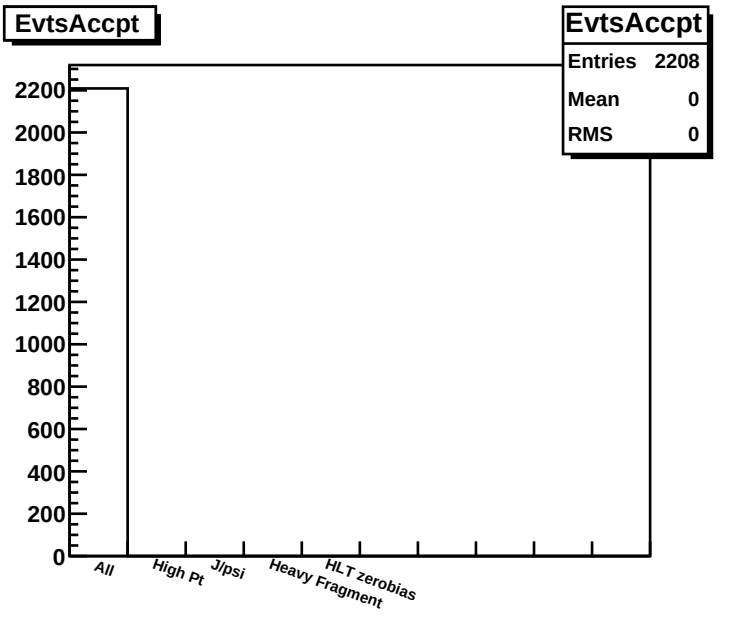
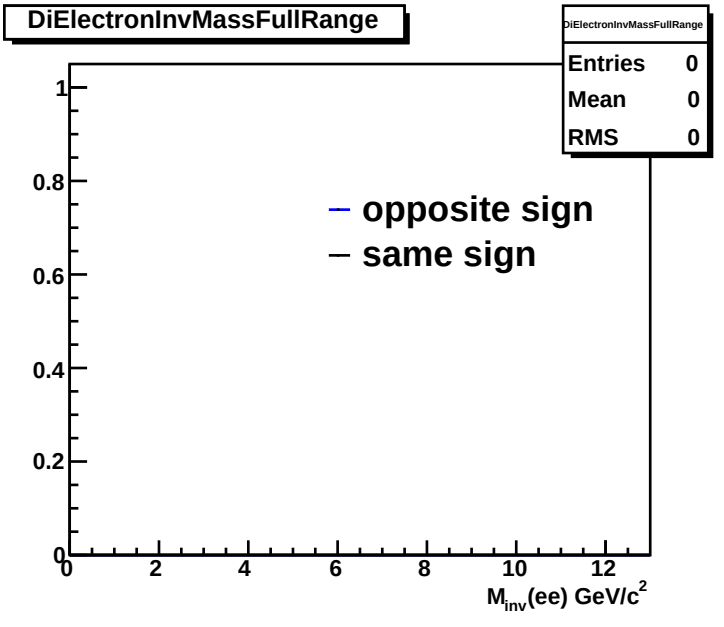
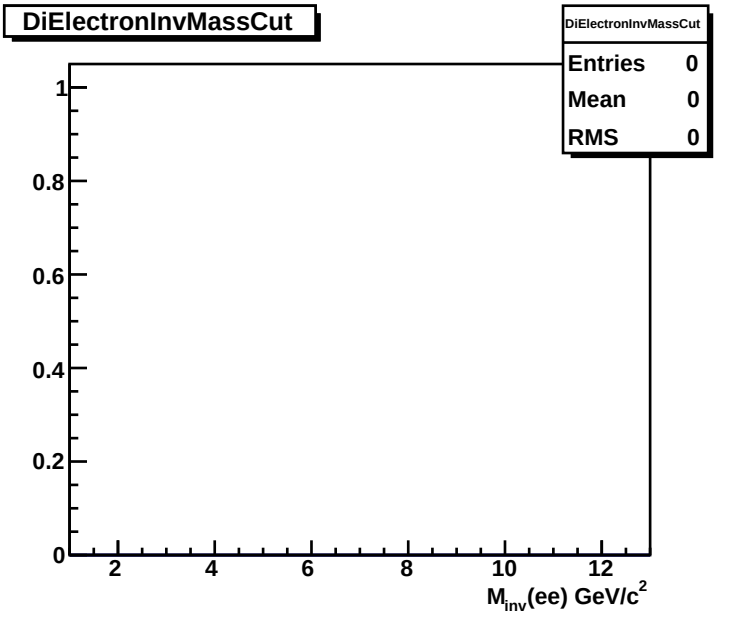
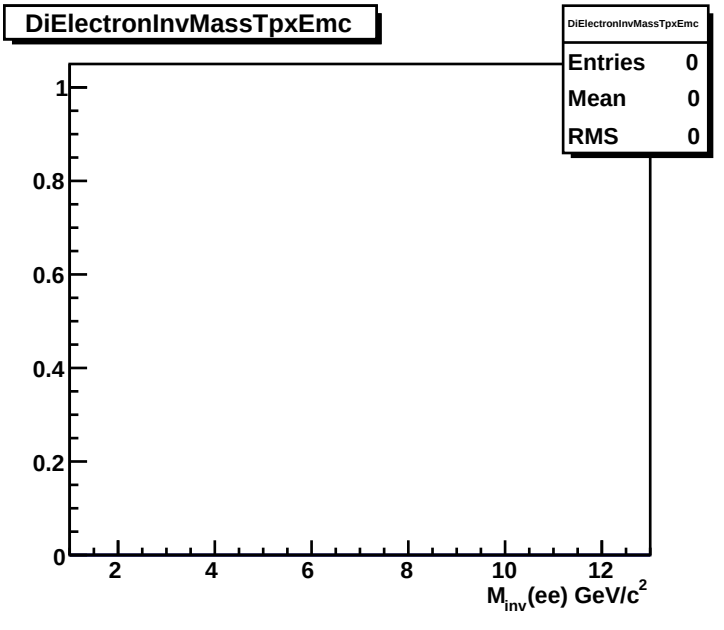
**This file is produced on**

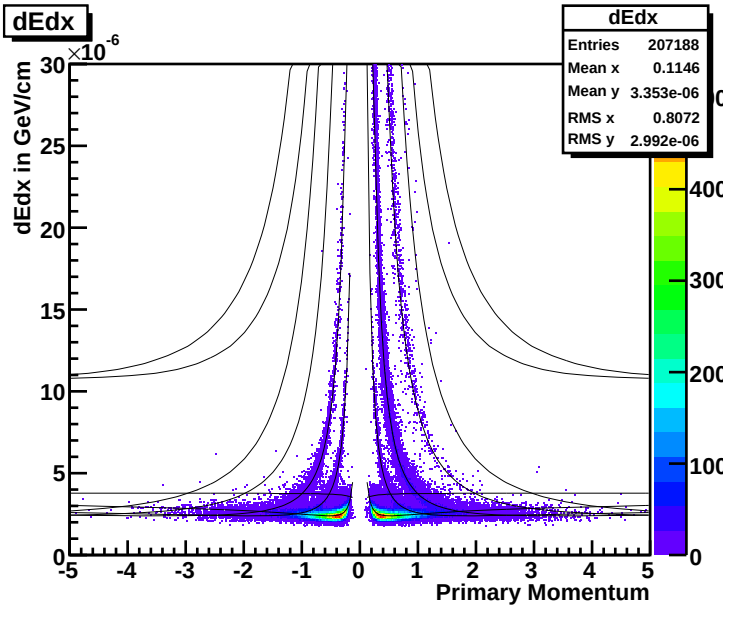
**Sat Jun 25 08:14:57 2011**

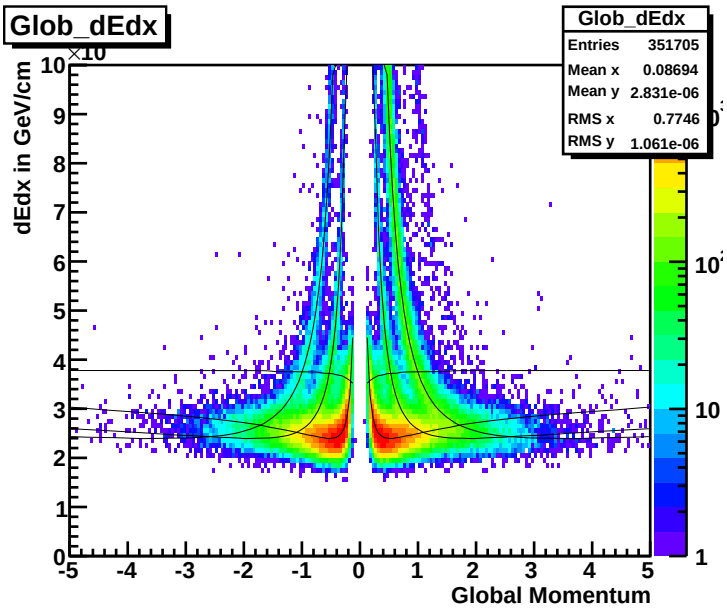


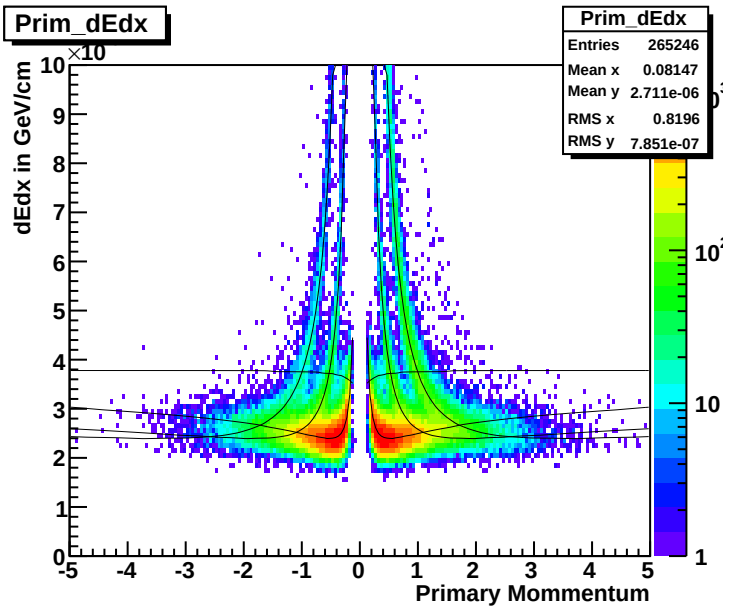



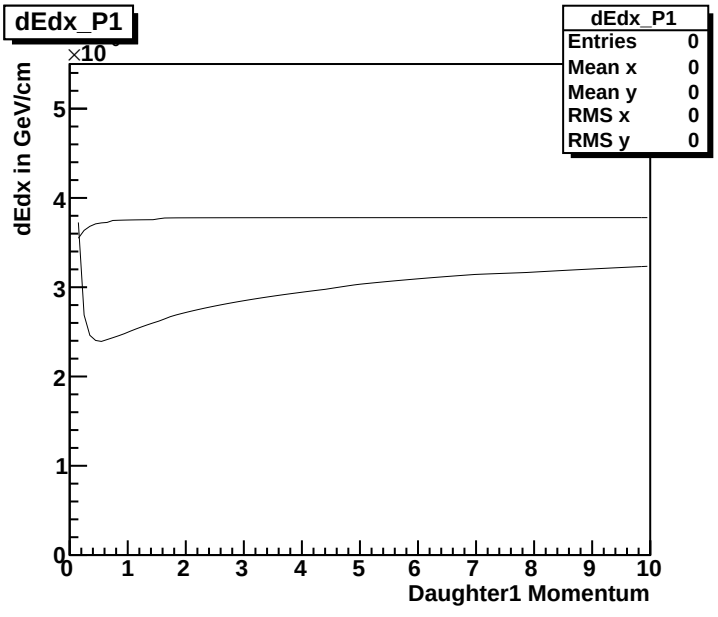



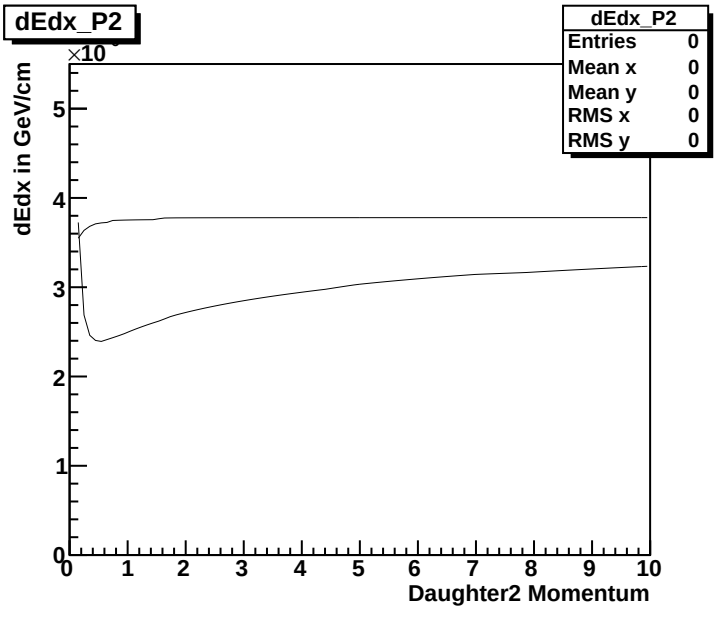



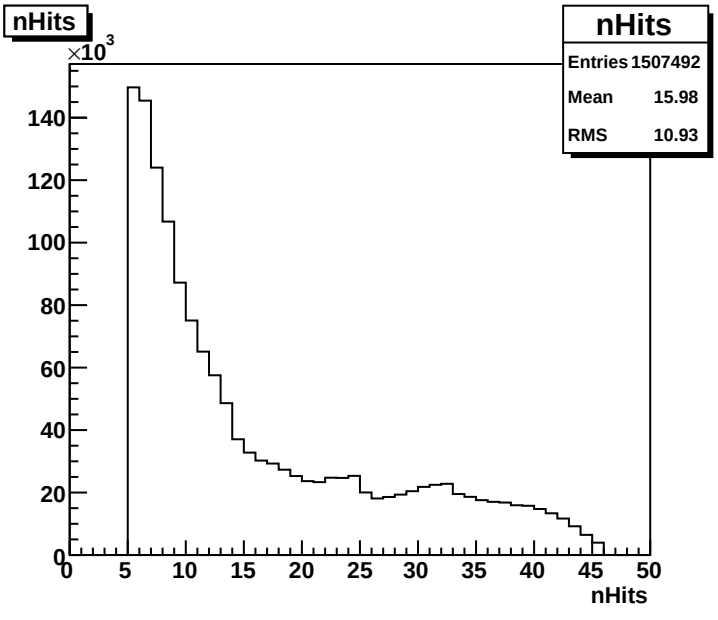



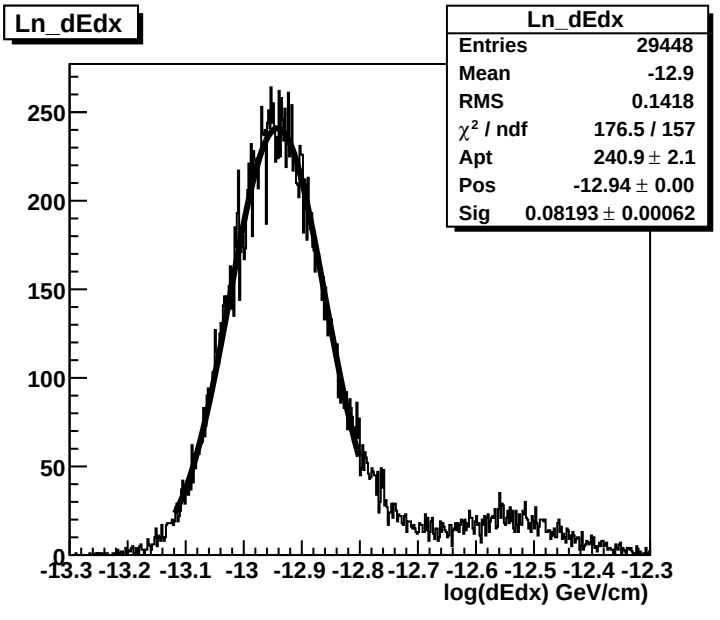

Glob_dEdx
Entries 351705
Mean x 0.08694
Mean y 2.831e-06
RMS x 0.7746
RMS y 1.061e-06
dEdx in GeV/cm
Global Momentum

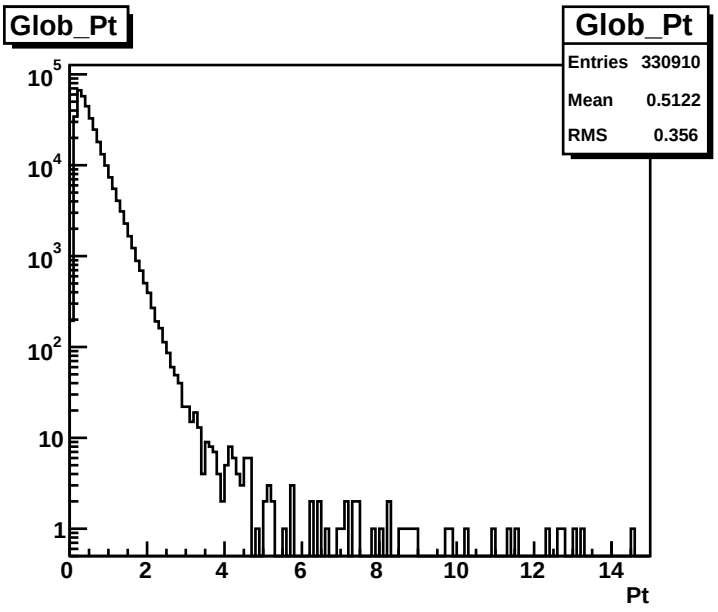

Prim_dEdx
Entries 265246
Mean x 0.08147
Mean y 2.711e-06
RMS x 0.8196
RMS y 7.851e-07
dEdx in GeV/cm
Primary Mommentum

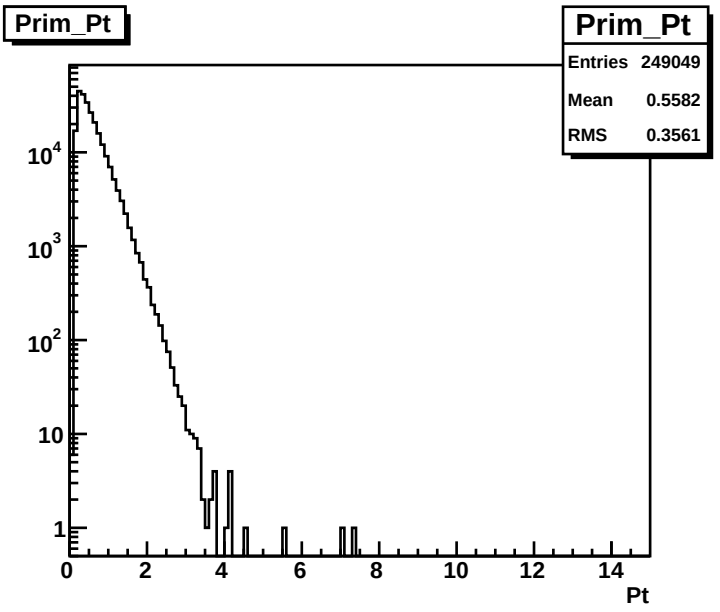

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

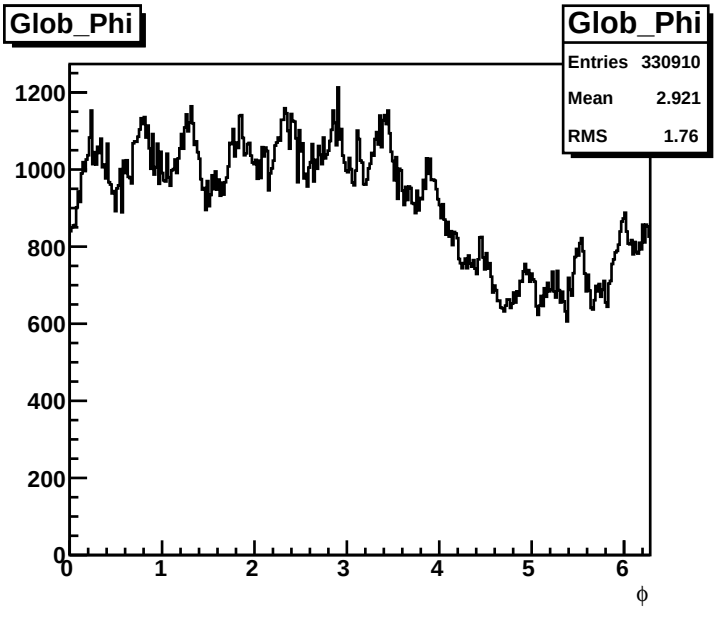

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

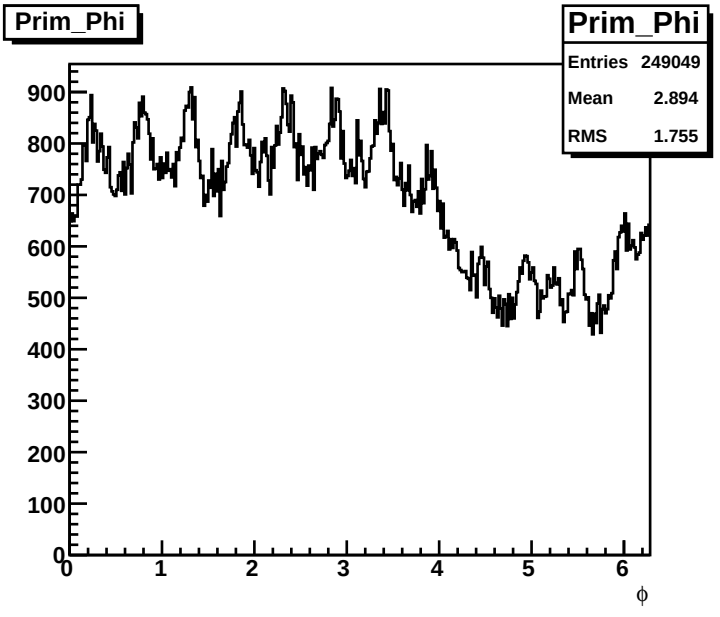

nHits
Entries 1507492
Mean 15.98
RMS 10.93
nHits

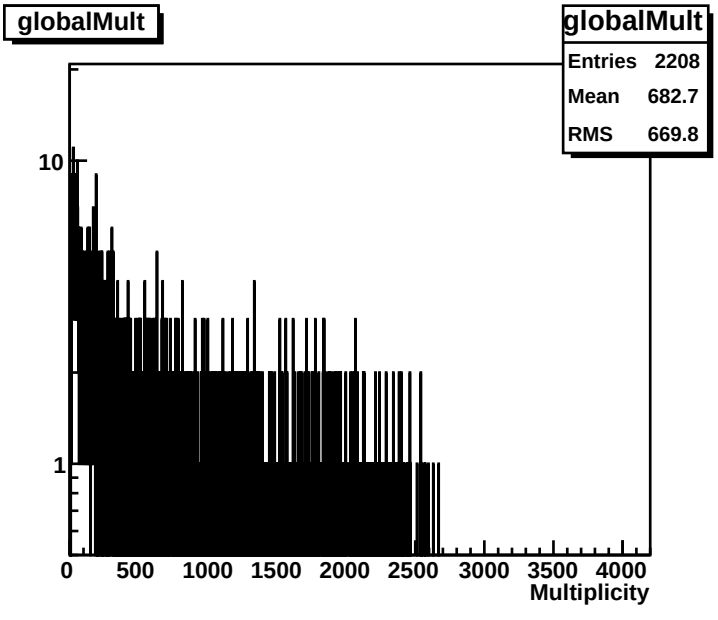

Ln_dEdx
Entries 29448
Mean -12.9
RMS 0.1418
χ² / ndf 176.5 / 157
Apt 240.9 ± 2.1
Pos -12.94 ± 0.00
Sig 0.08193 ± 0.00062
log(dEdx) GeV/cm

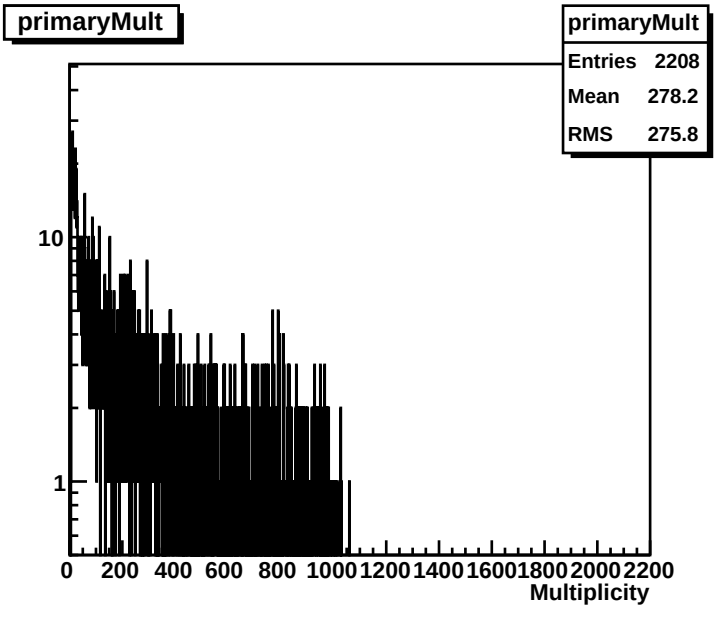

Glob_Pt
Glob_Pt
Entries 330910
Mean 0.5122
RMS 0.356
Pt

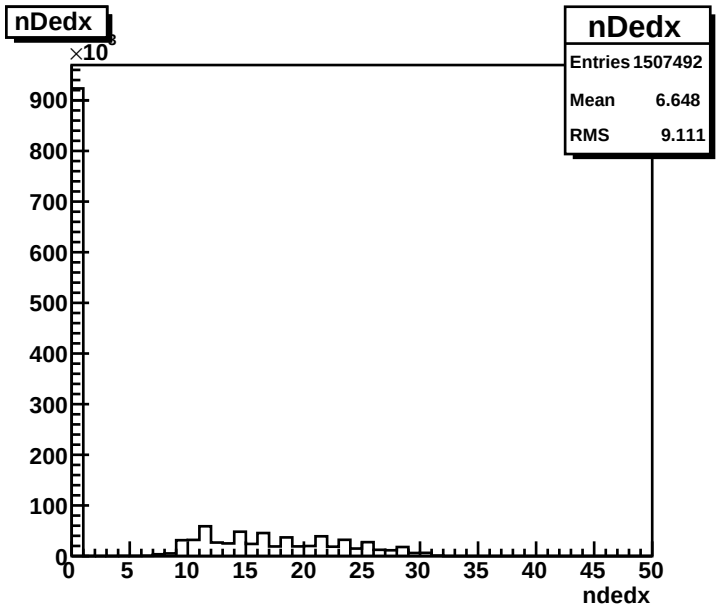

Prim_Pt
Prim_Pt
Entries 249049
Mean 0.5582
RMS 0.3561
Pt

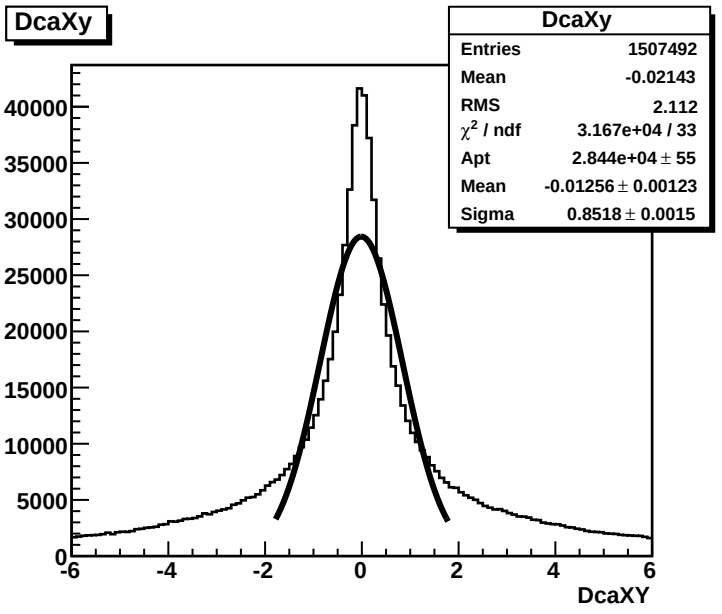

Glob_Phi
Glob_Phi
Entries 330910
Mean 2.921
RMS 1.76
ϕ

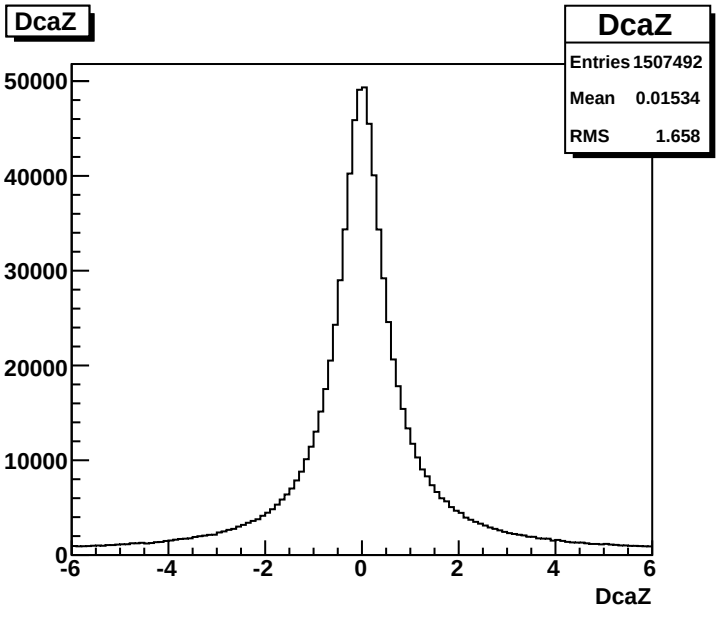

Prim_Phi
Prim_Phi
Entries 249049
Mean 2.894
RMS 1.755
ϕ

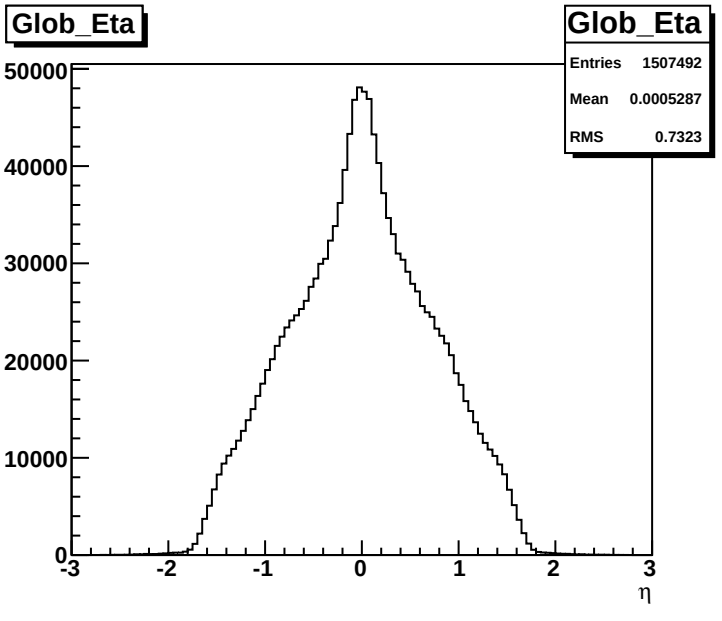

globalMult
globalMult
Entries 2208
Mean 682.7
RMS 669.8
Multiplicity

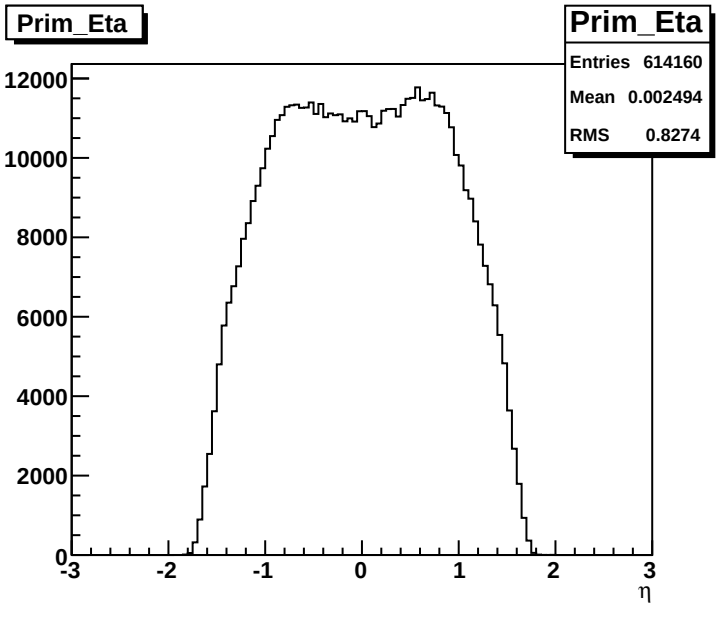

primaryMult
primaryMult
Entries 2208
Mean 278.2
RMS 275.8
Multiplicity

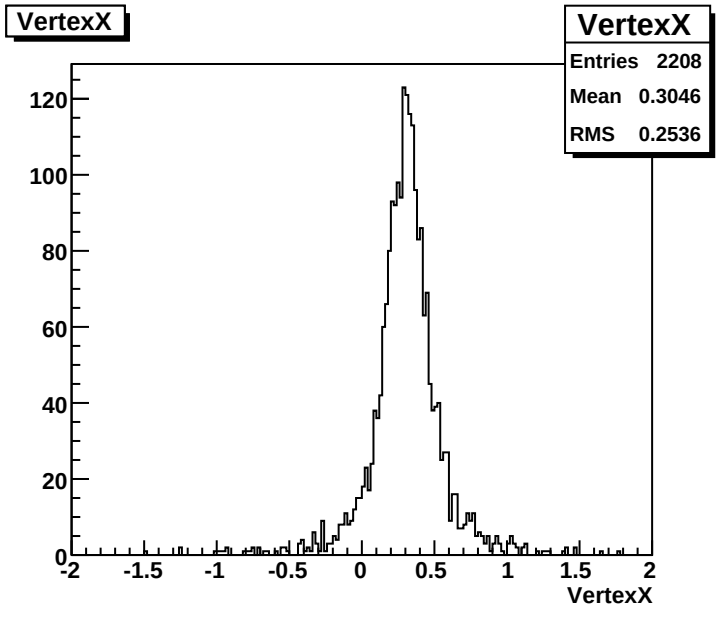

nDedx
nDedx
Entries 1507492
Mean 6.648
RMS 9.111
×10³
ndedx

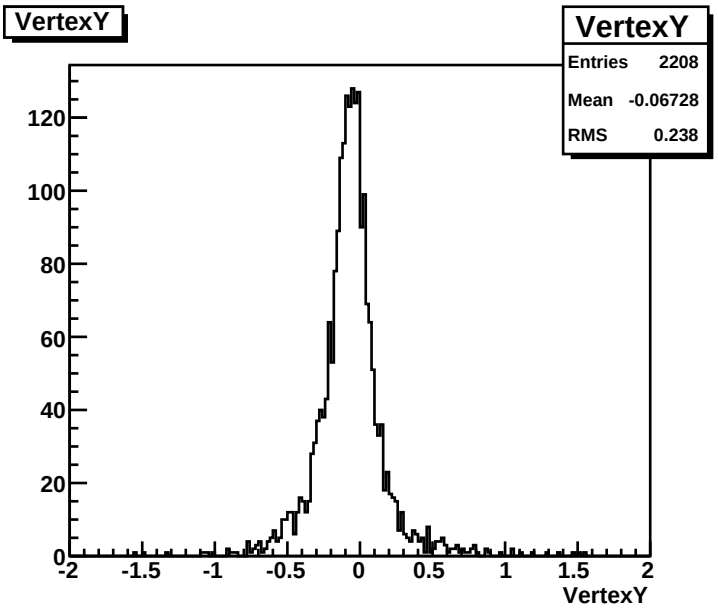

DcaXy
DcaXy
Entries 1507492
Mean -0.02143
RMS 2.112
χ² / ndf 3.167e+04 / 33
Apt 2.844e+04 ± 55
Mean -0.01256 ± 0.00123
Sigma 0.8518 ± 0.0015
DcaXY

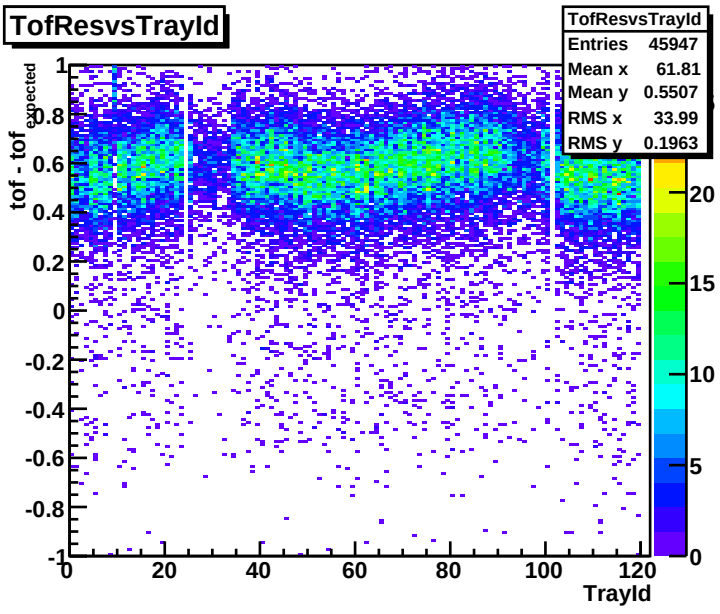

DcaZ
DcaZ
Entries 1507492
Mean 0.01534
RMS 1.658
DcaZ

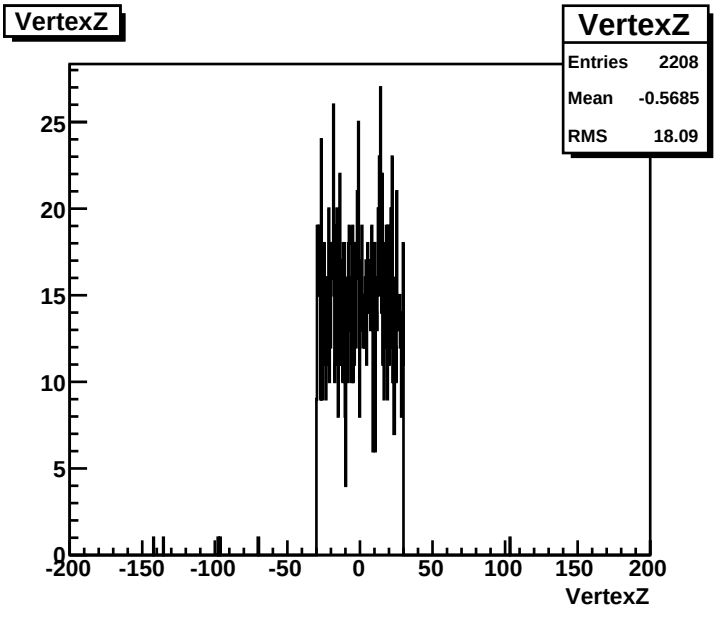

Glob_Eta
Glob_Eta
Entries 1507492
Mean 0.0005287
RMS 0.7323
η

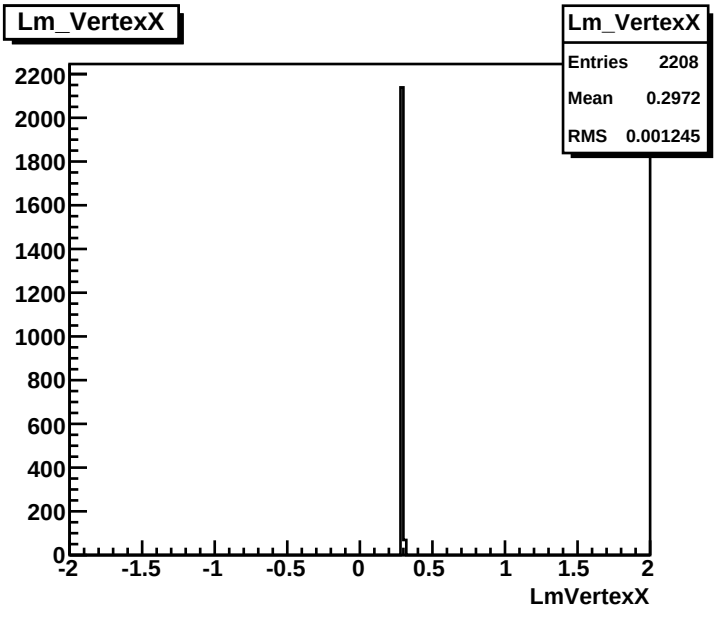

Prim_Eta
Prim_Eta
Entries 614160
Mean 0.002494
RMS 0.8274
η

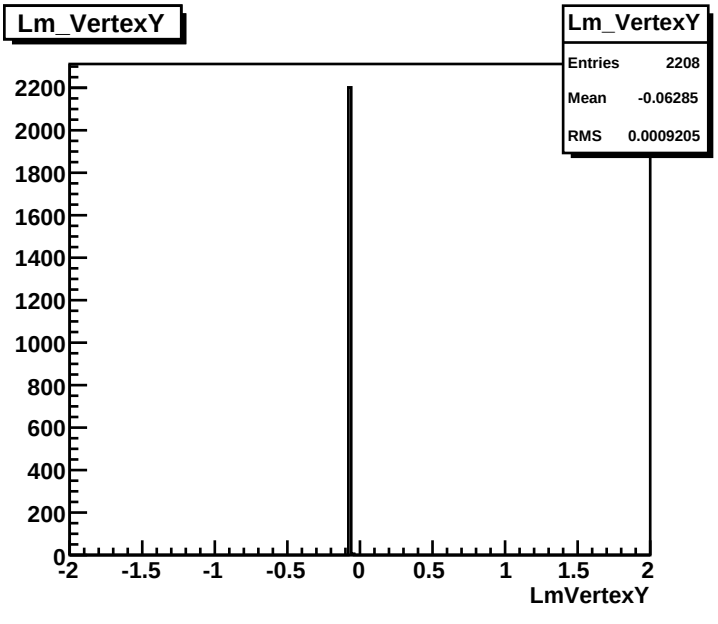

VertexX
VertexX
Entries 2208
Mean 0.3046
RMS 0.2536
VertexX

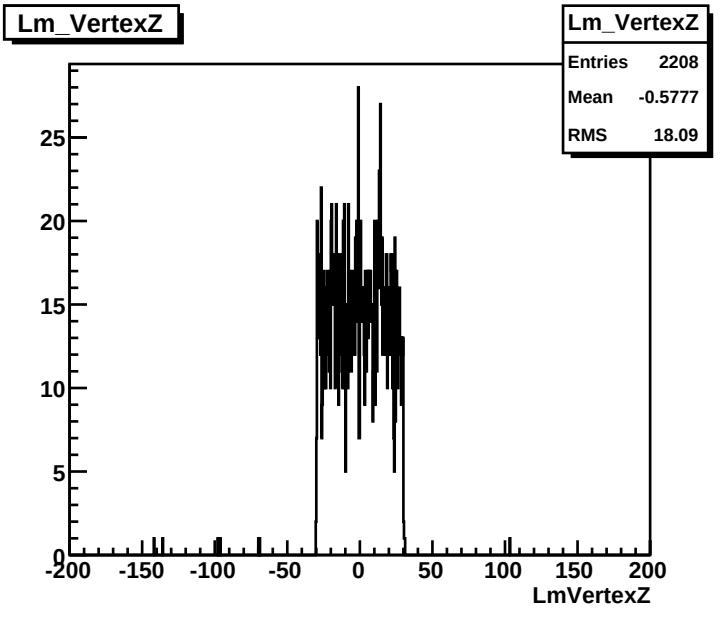

VertexY
VertexY
Entries 2208
Mean -0.06728
RMS 0.238
VertexY

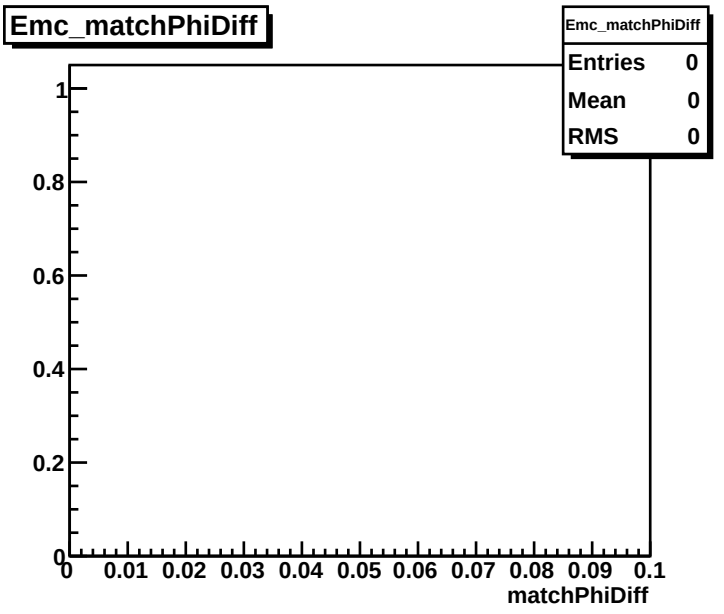

TofResvsTrayId
TofResvsTrayId
Entries 45947
Mean x 61.81
Mean y 0.5507
RMS x 33.99
RMS y 0.1963
tof - tof expected
TrayId

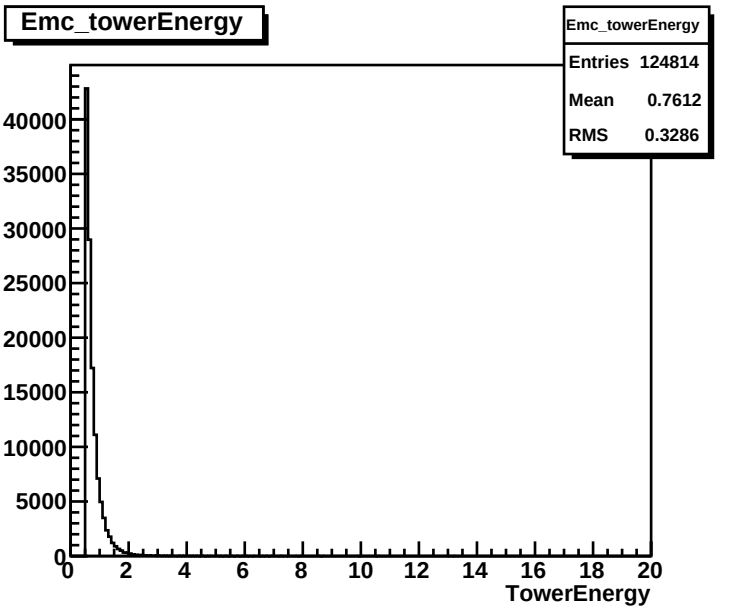

VertexZ
VertexZ
Entries 2208
Mean -0.5685
RMS 18.09
VertexZ

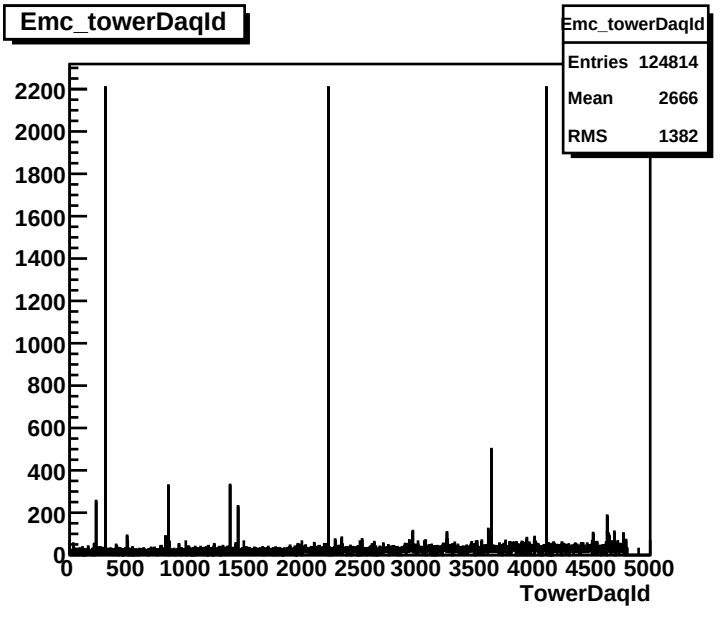

Lm_VertexX
Lm_VertexX
Entries 2208
Mean 0.2972
RMS 0.001245
LmVertexX

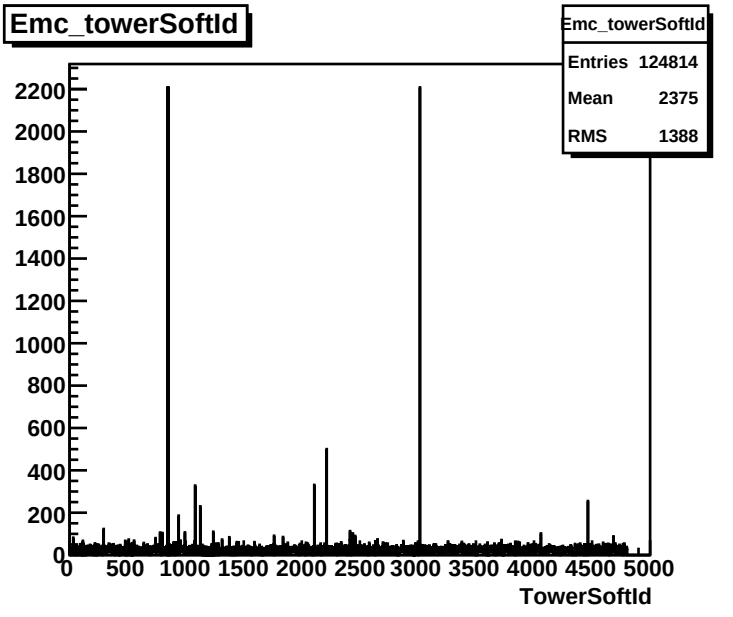

Lm_VertexY
Lm_VertexY
Entries 2208
Mean -0.06285
RMS 0.0009205
LmVertexY

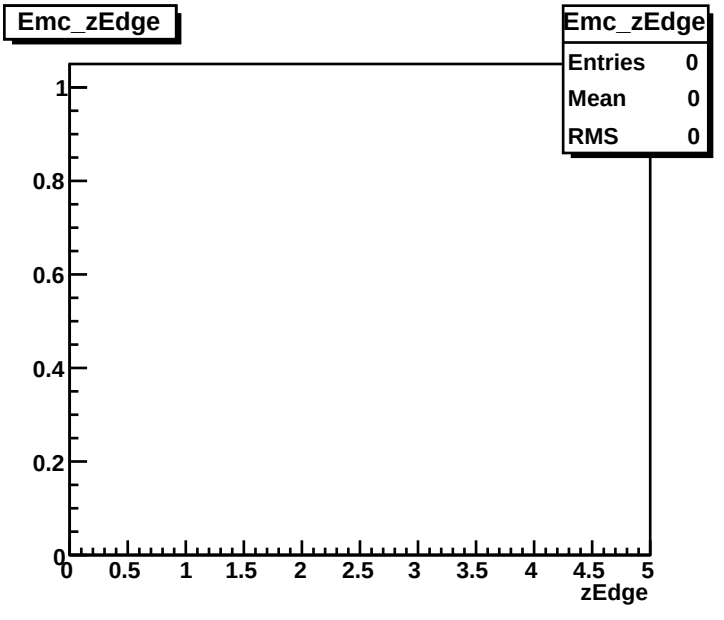

Lm_VertexZ
Lm_VertexZ
Entries 2208
Mean -0.5777
RMS 18.09
LmVertexZ

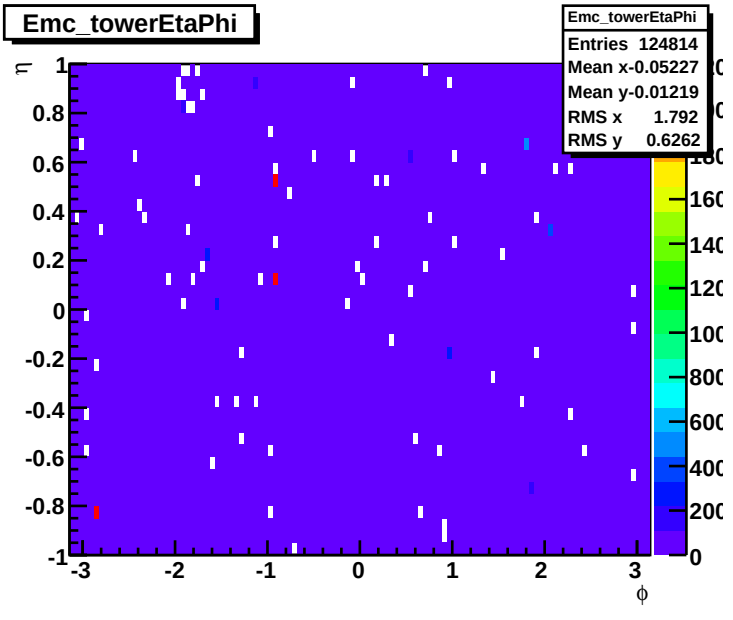

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

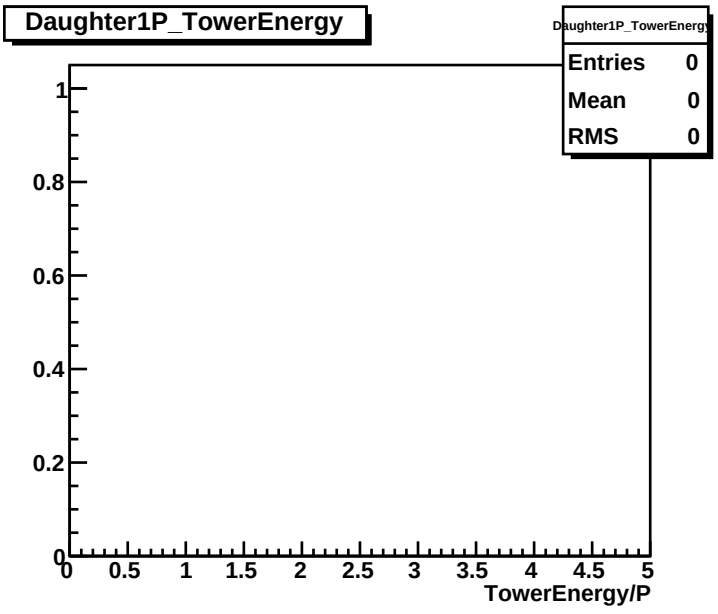

Emc_towerEnergy
Emc_towerEnergy
Entries 124814
Mean 0.7612
RMS 0.3286
TowerEnergy

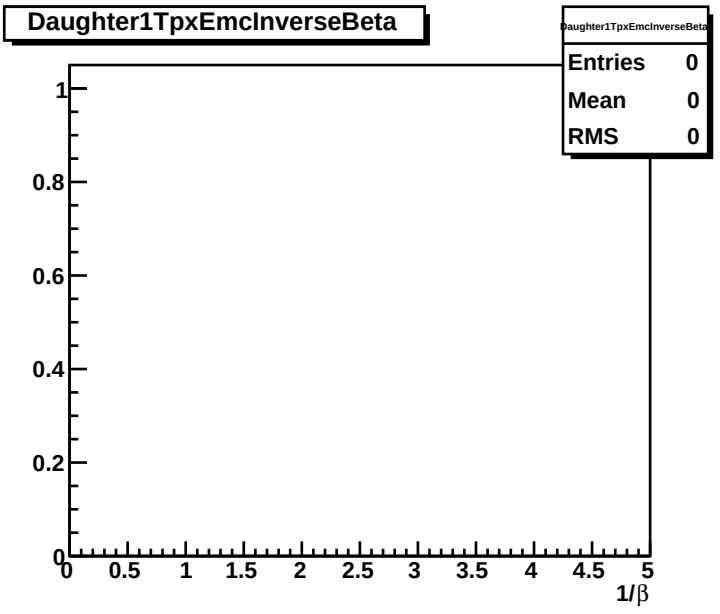

Emc_towerDaqId
Emc_towerDaqId
Entries 124814
Mean 2666
RMS 1382
TowerDaqId

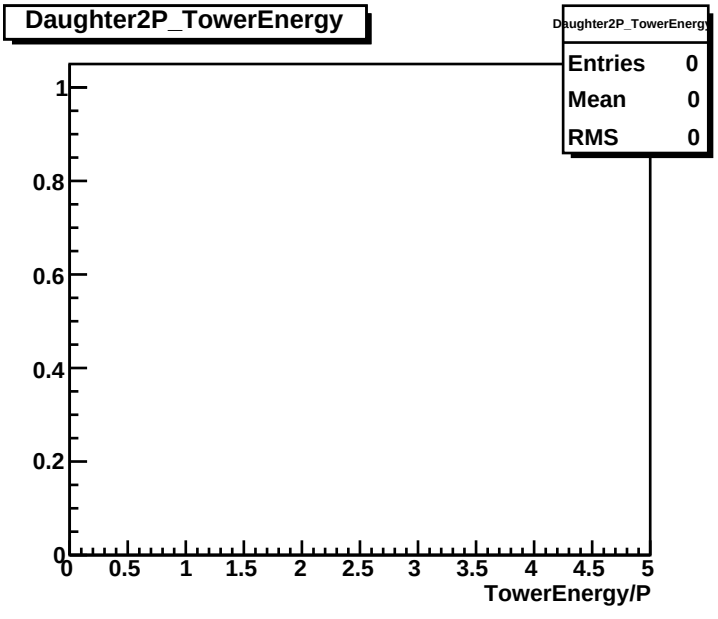

Emc_towerSoftId
Emc_towerSoftId
Entries 124814
Mean 2375
RMS 1388
TowerSoftId

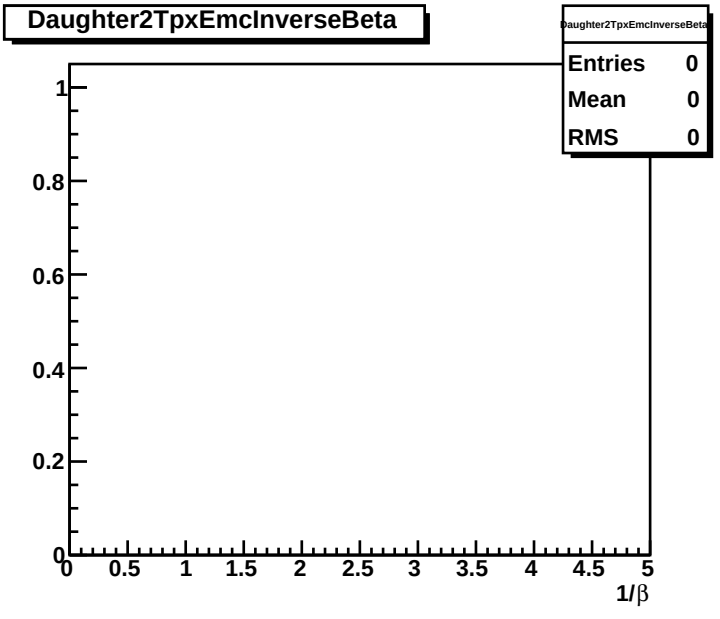

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

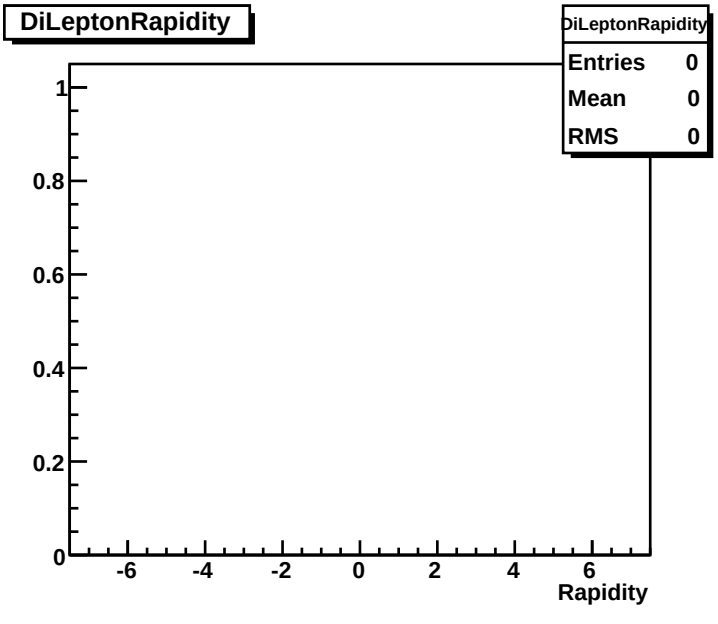

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 124814
Mean x-0.05227
Mean y-0.01219
RMS x 1.792
RMS y 0.6262
η
ϕ

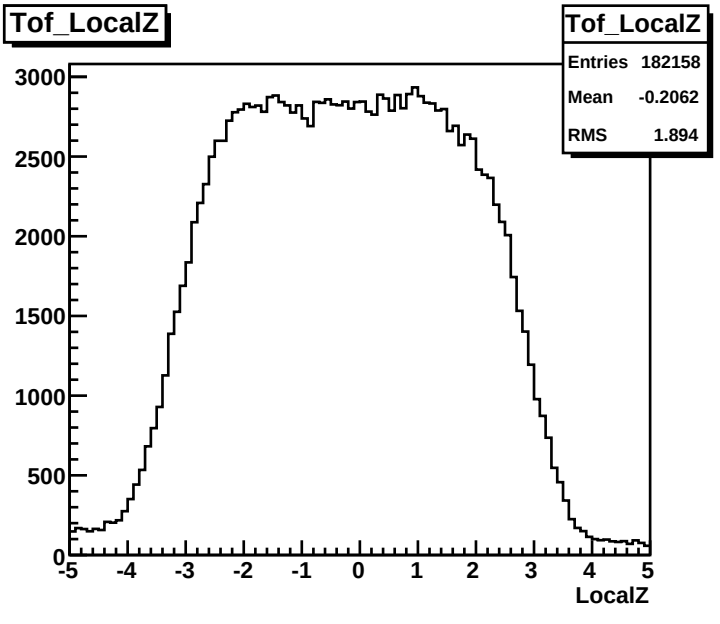

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

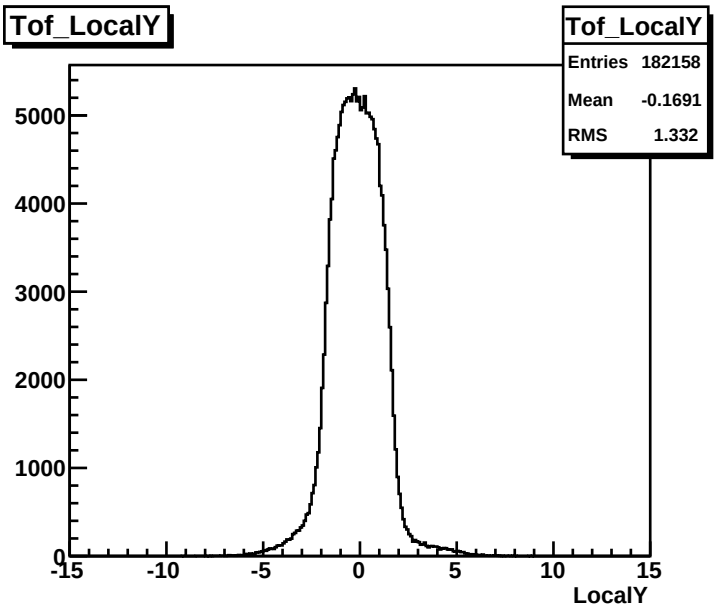

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

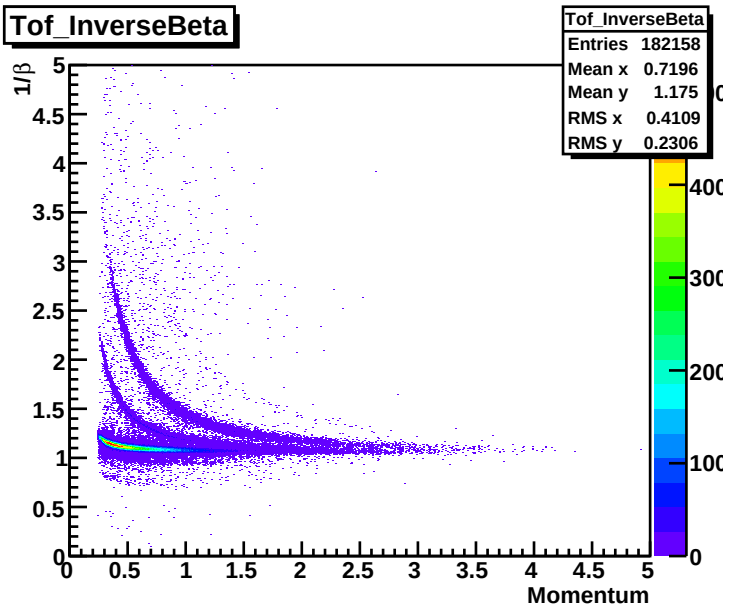

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

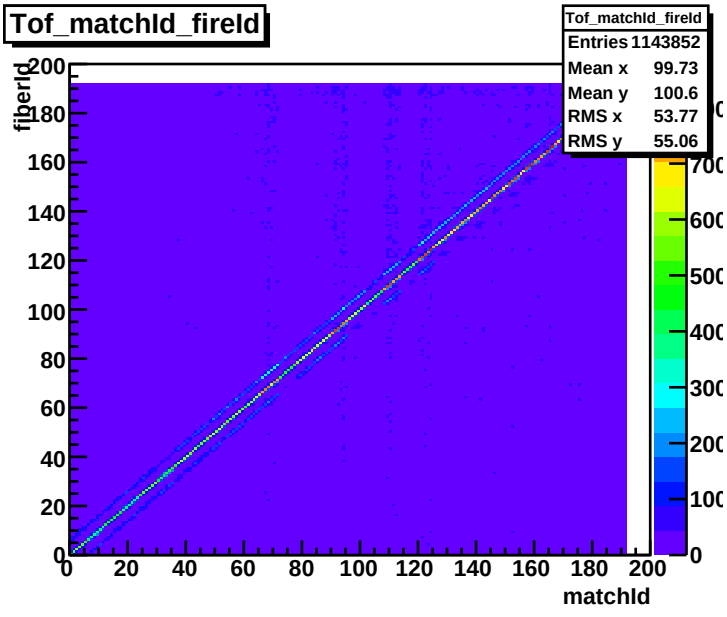

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

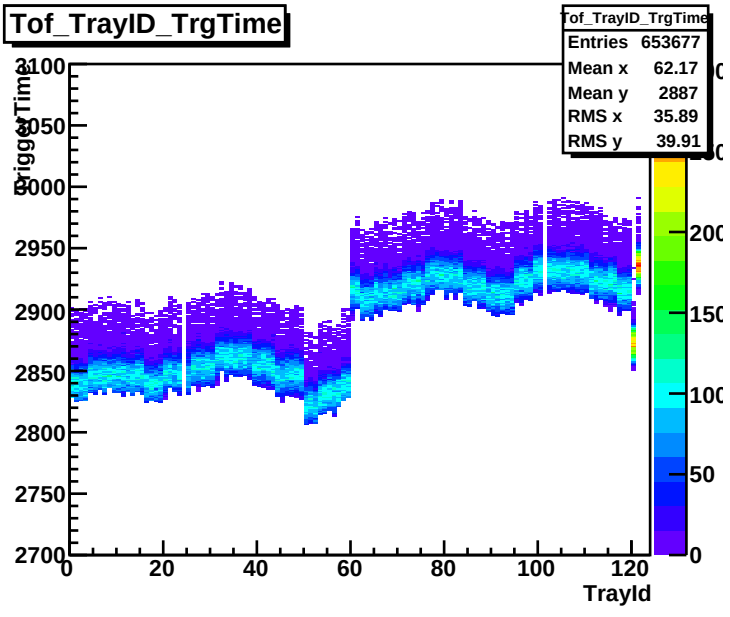

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

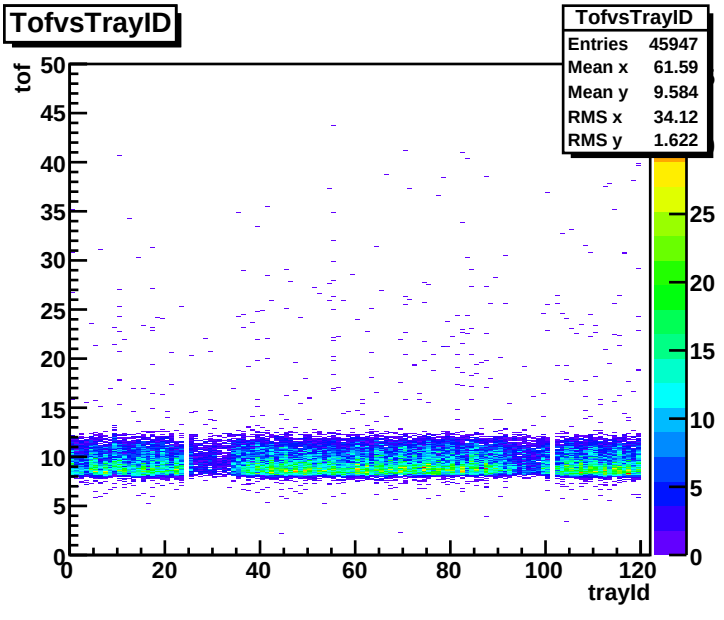

Tof_LocalZ
Tof_LocalZ
Entries 182158
Mean -0.2062
RMS 1.894
LocalZ

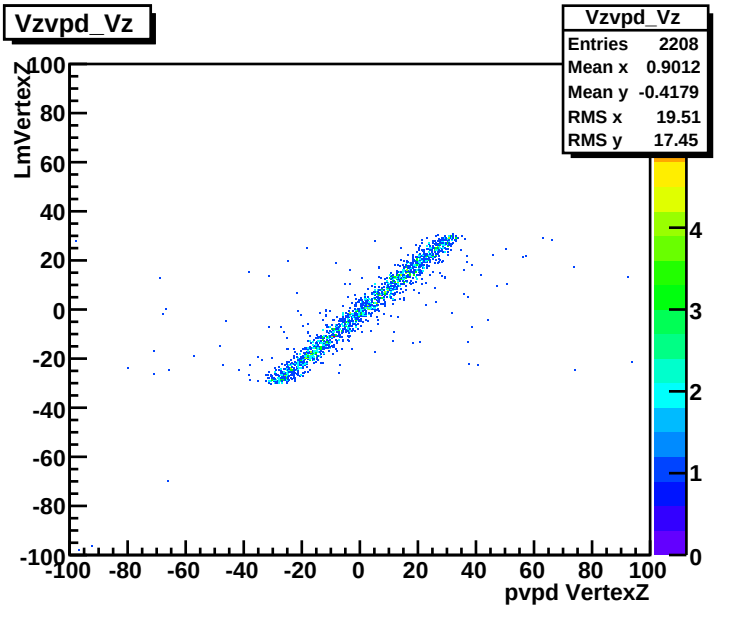

Tof_LocalY
Tof_LocalY
Entries 182158
Mean -0.1691
RMS 1.332
LocalY

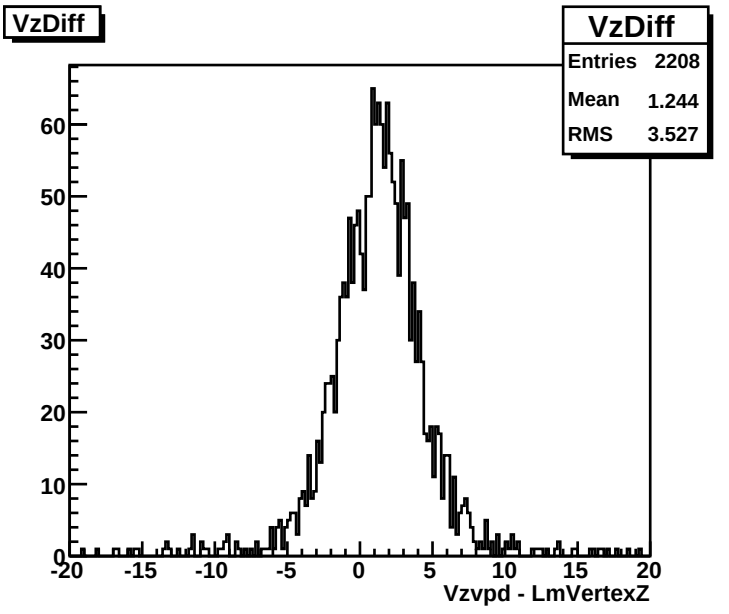

Tof_InverseBeta
Tof_InverseBeta
Entries 182158
Mean x 0.7196
Mean y 1.175
RMS x 0.4109
RMS y 0.2306
1/β
Momentum

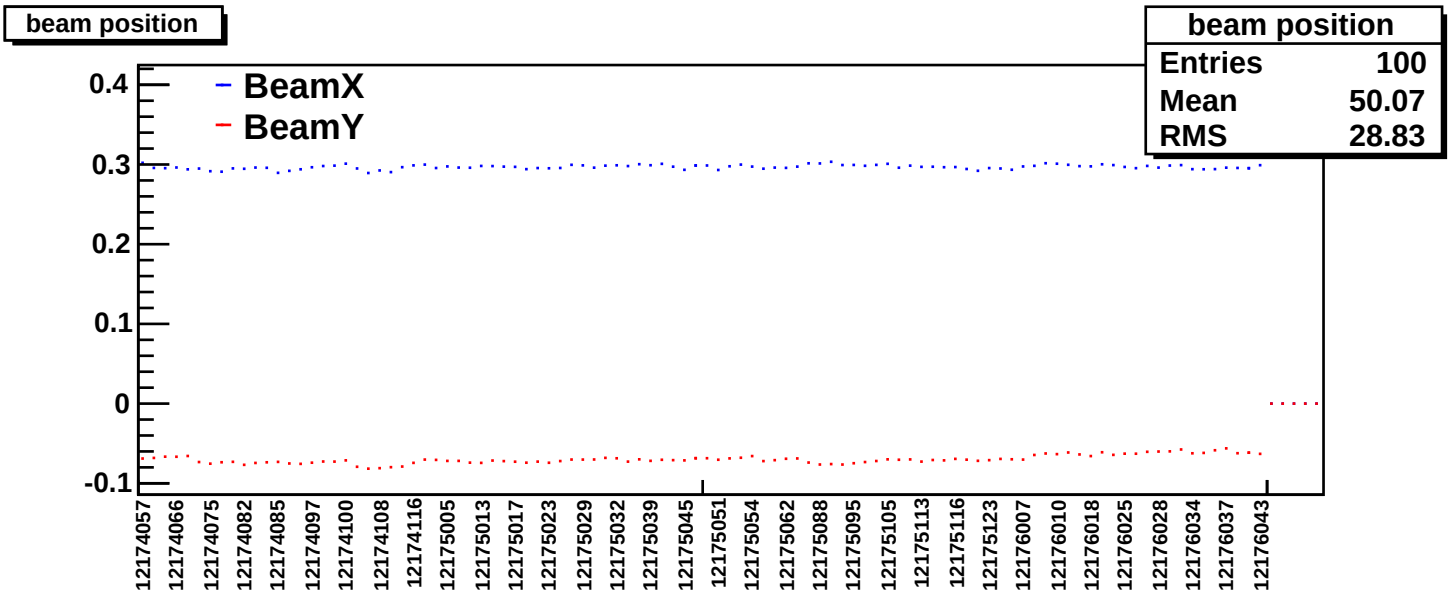

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1143852
Mean x 99.73
Mean y 100.6
RMS x 53.77
RMS y 55.06
fiberId
matchId

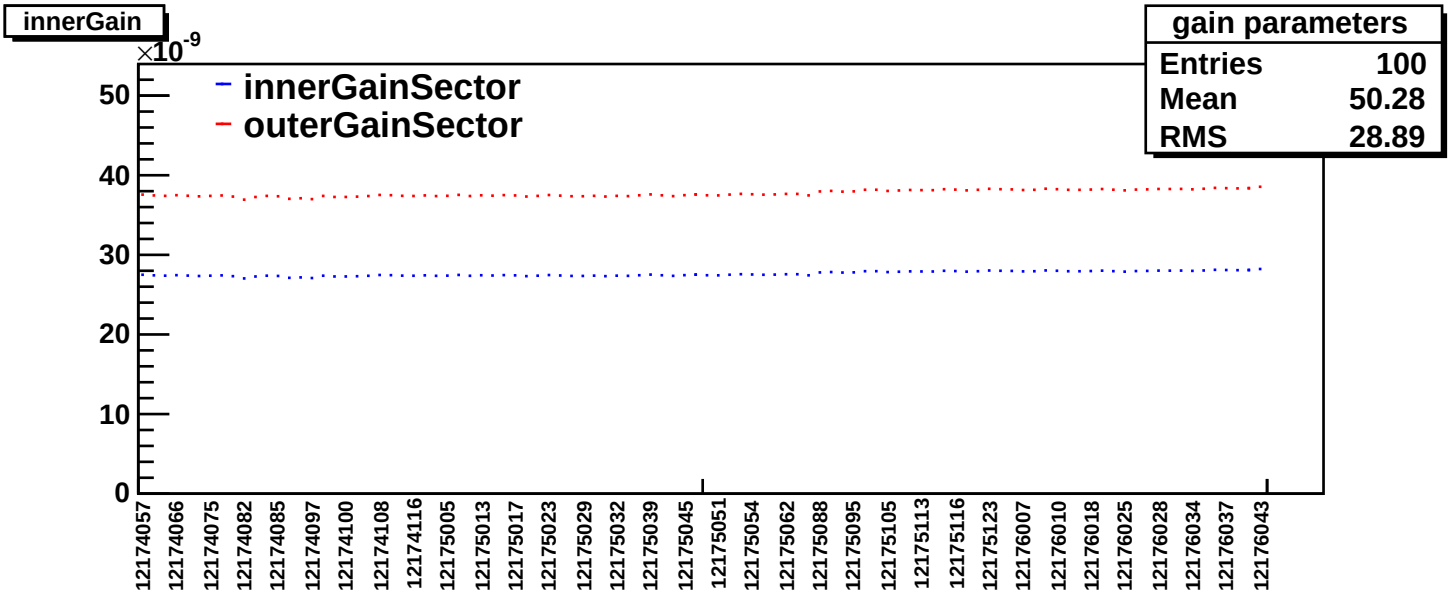

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 653677
Mean x 62.17
Mean y 2887
RMS x 35.89
RMS y 39.91
TrgTime
TrayId

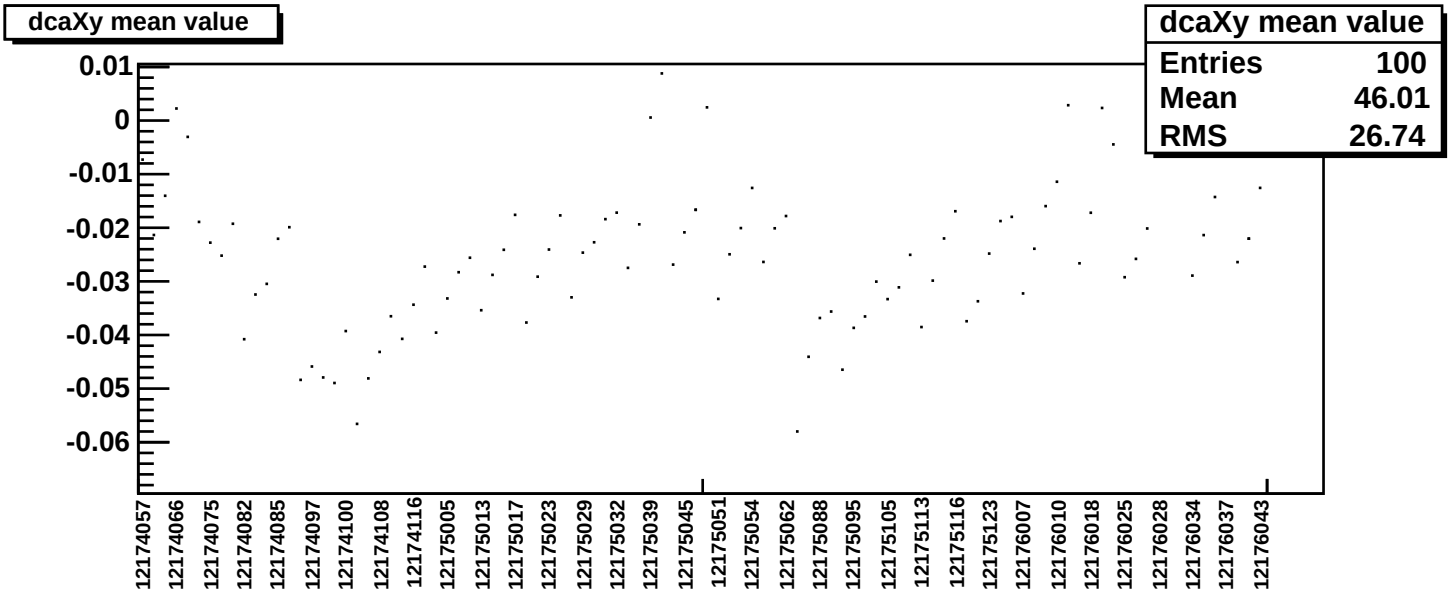

TofvsTrayID
TofvsTrayID
Entries 45947
Mean x 61.59
Mean y 9.584
RMS x 34.12
RMS y 1.622
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 2208
Mean x 0.9012
Mean y -0.4179
RMS x 19.51
RMS y 17.45
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 2208
Mean 1.244
RMS 3.527
60
50
40
30
20
10
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 50.07
RMS 28.83
BeamX
BeamY
0.4
0.3
0.2
0.1
0
-0.1
12174057 12174066 12174075 12174082 12174085 12174097 12174100 12174108 12174116 12175005 12175013 12175017 12175023 12175029 12175032 12175039 12175045 12175051 12175054 12175062 12175088 12175095 12175105 12175113 12175116 12175123 12176007 12176010 12176018 12176025 12176028 12176034 12176037 12176043


innerGain
gain parameters
Entries 100
Mean 50.28
RMS 28.89
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12174057 12174066 12174075 12174082 12174085 12174097 12174100 12174108 12174116 12175005 12175013 12175017 12175023 12175029 12175032 12175039 12175045 12175051 12175054 12175062 12175088 12175095 12175105 12175113 12175116 12175123 12176007 12176010 12176018 12176025 12176028 12176034 12176037 12176043


dcaXy mean value
dcaXy mean value
Entries 100
Mean 46.01
RMS 26.74
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
12174057 12174066 12174075 12174082 12174085 12174097 12174100 12174108 12174116 12175005 12175013 12175017 12175023 12175029 12175032 12175039 12175045 12175051 12175054 12175062 12175088 12175095 12175105 12175113 12175116 12175123 12176007 12176010 12176018 12176025 12176028 12176034 12176037 12176043