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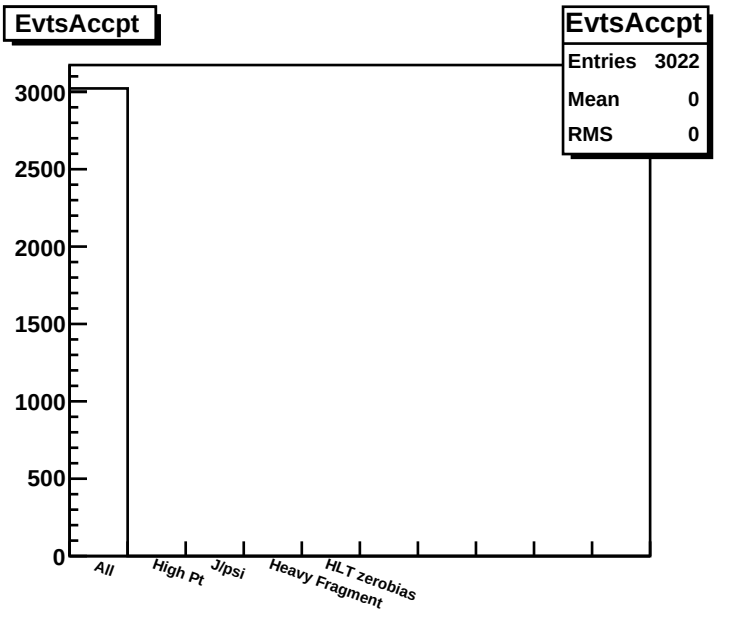
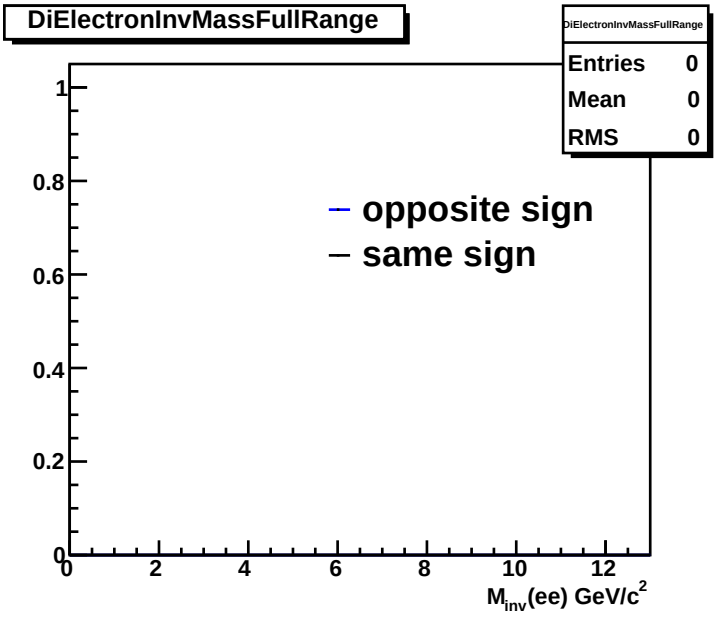
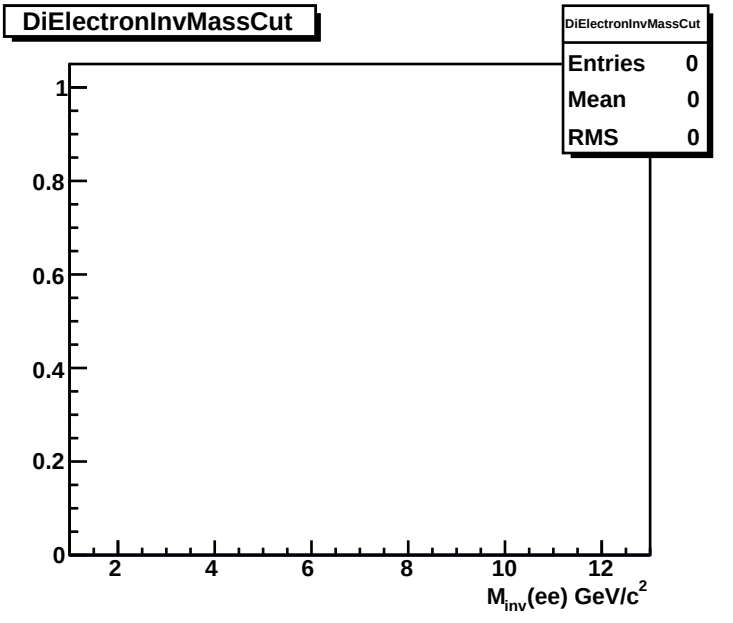
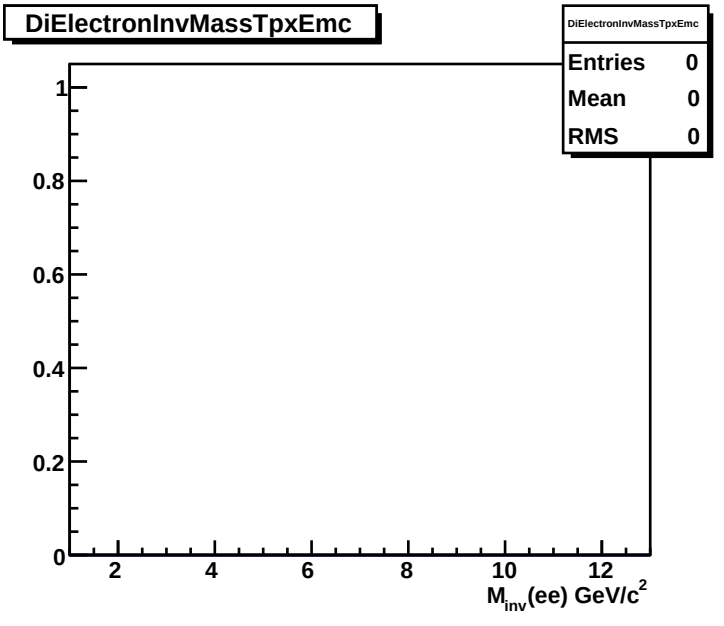
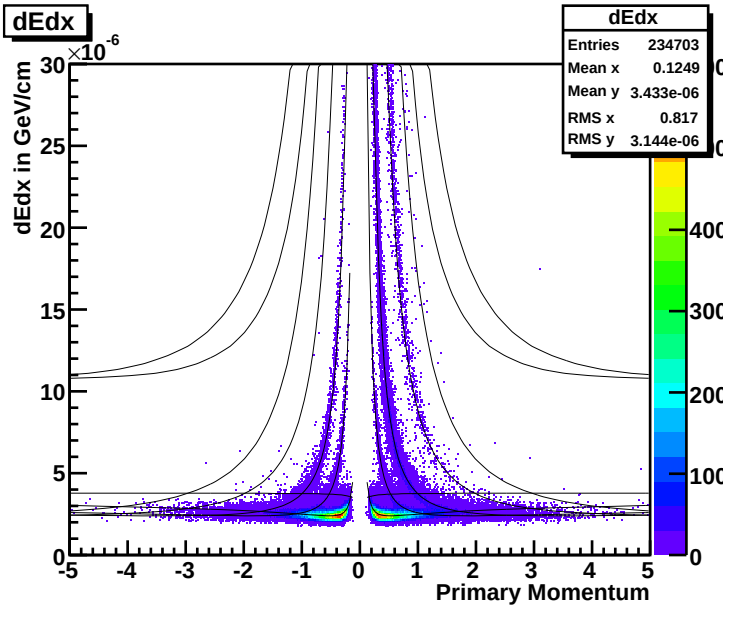
Tue Jun 28 11:04:26 2011

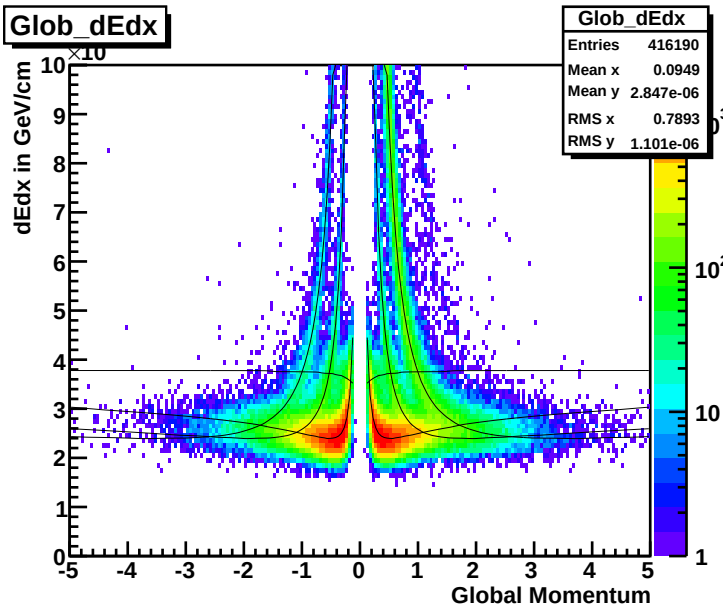


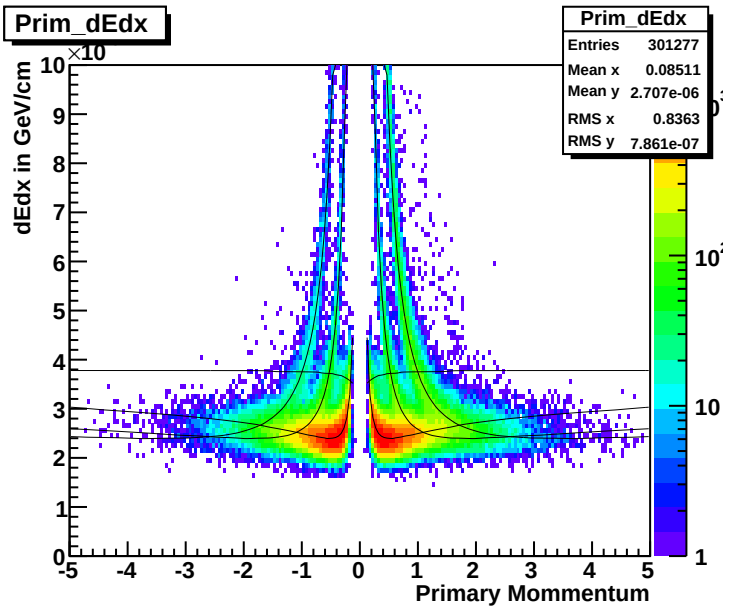


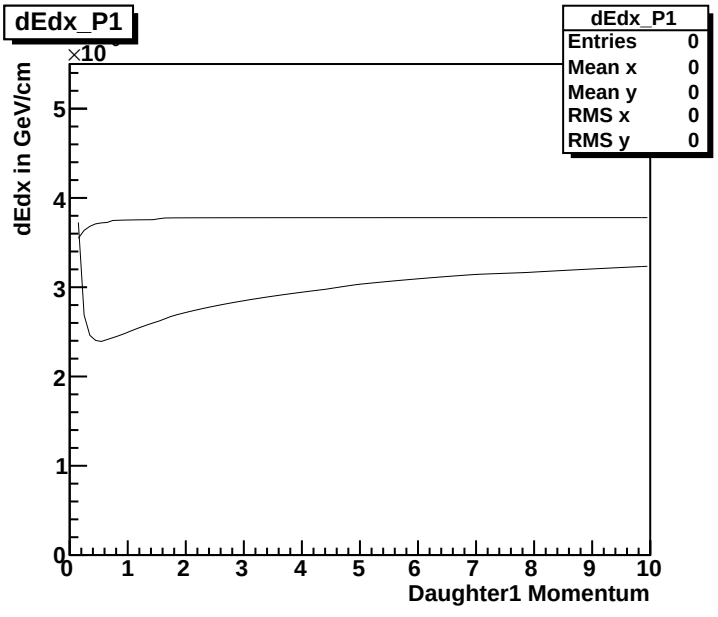


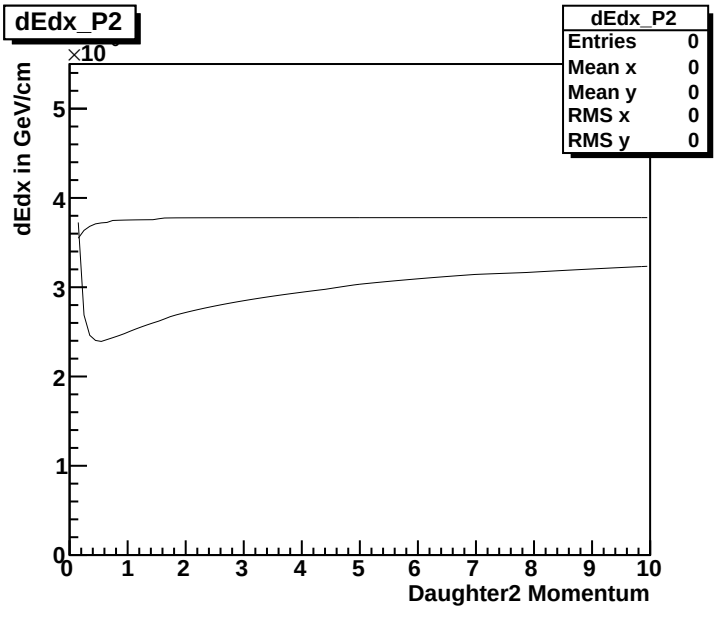


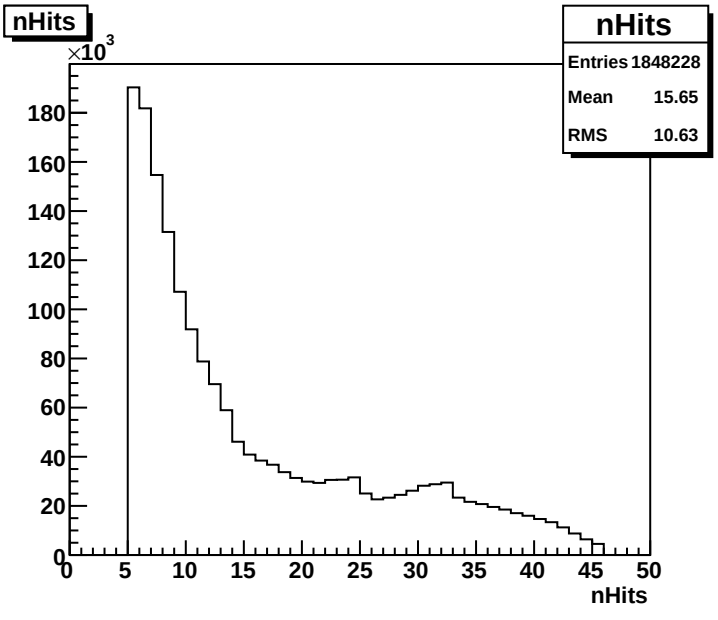


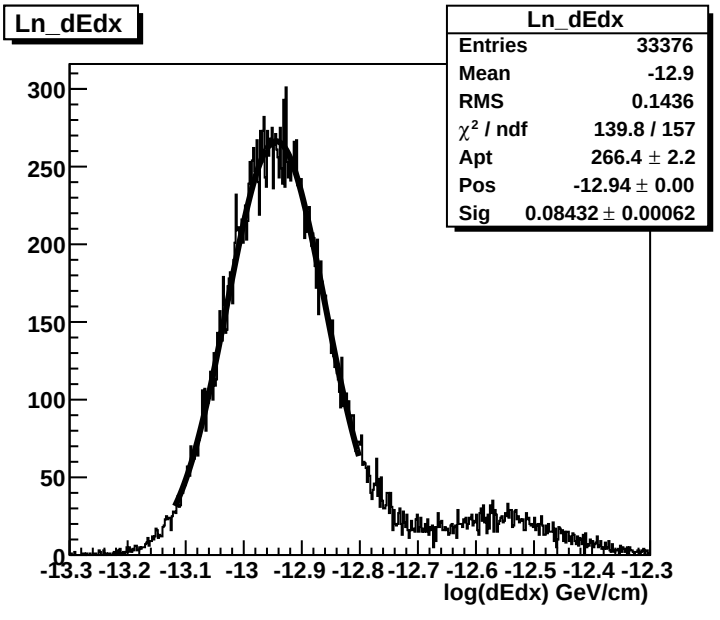

Glob_dEdx
Entries 416190
Mean x 0.0949
Mean y 2.847e-06
RMS x 0.7893
RMS y 1.101e-06
dEdx in GeV/cm
Global Momentum

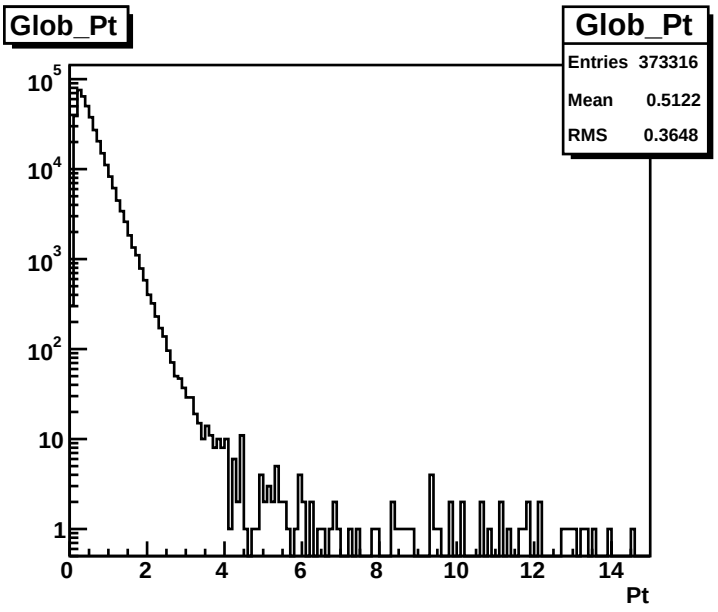

Prim_dEdx
Entries 301277
Mean x 0.08511
Mean y 2.707e-06
RMS x 0.8363
RMS y 7.861e-07
dEdx in GeV/cm
Primary Mommentum

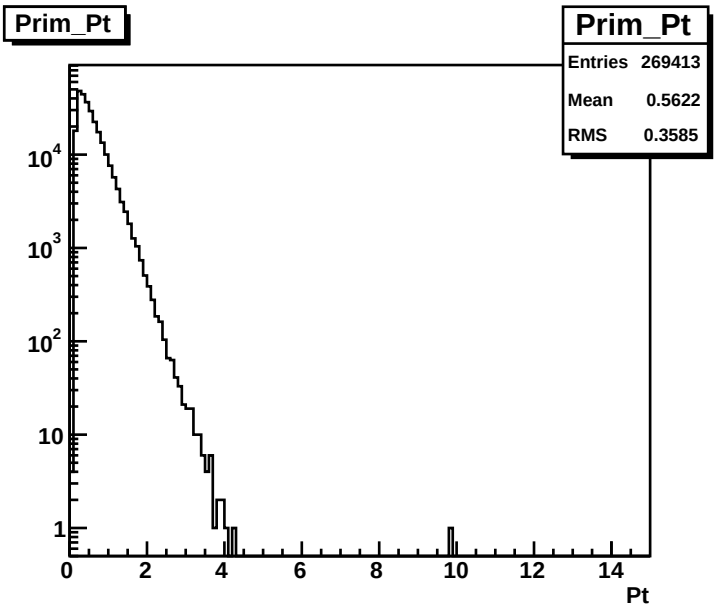

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

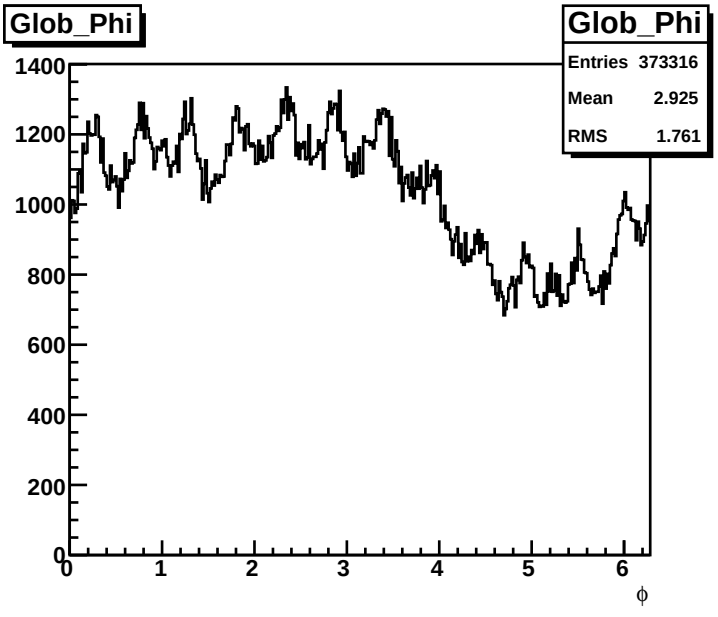

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

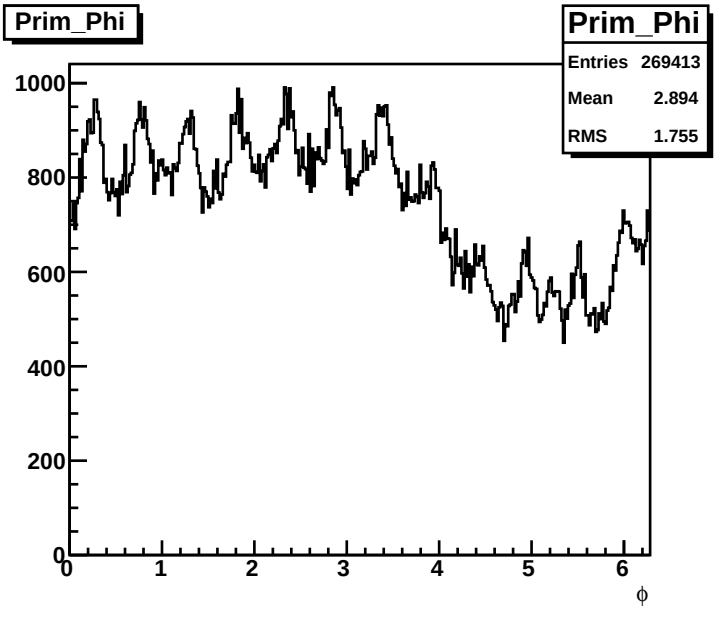

nHits
Entries 1848228
Mean 15.65
RMS 10.63
nHits

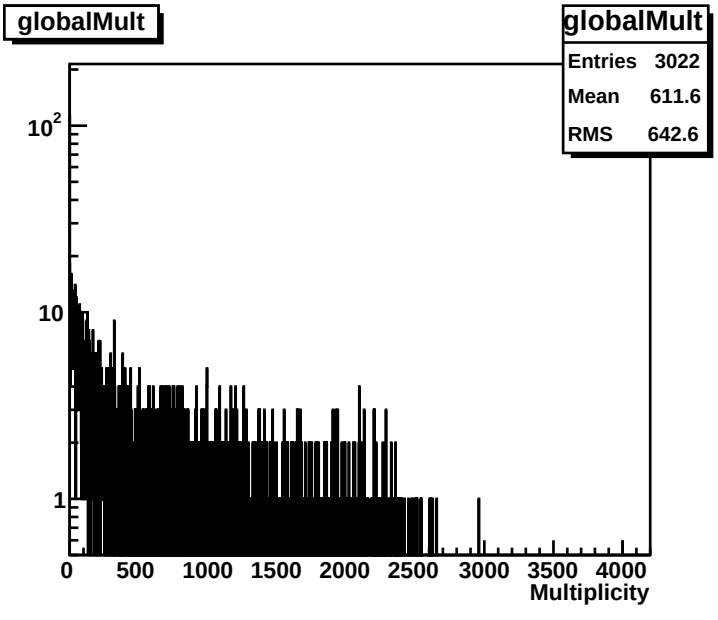

Ln_dEdx
Entries 33376
Mean -12.9
RMS 0.1436
χ² / ndf 139.8 / 157
Apt 266.4 ± 2.2
Pos -12.94 ± 0.00
Sig 0.08432 ± 0.00062
log(dEdx) GeV/cm)

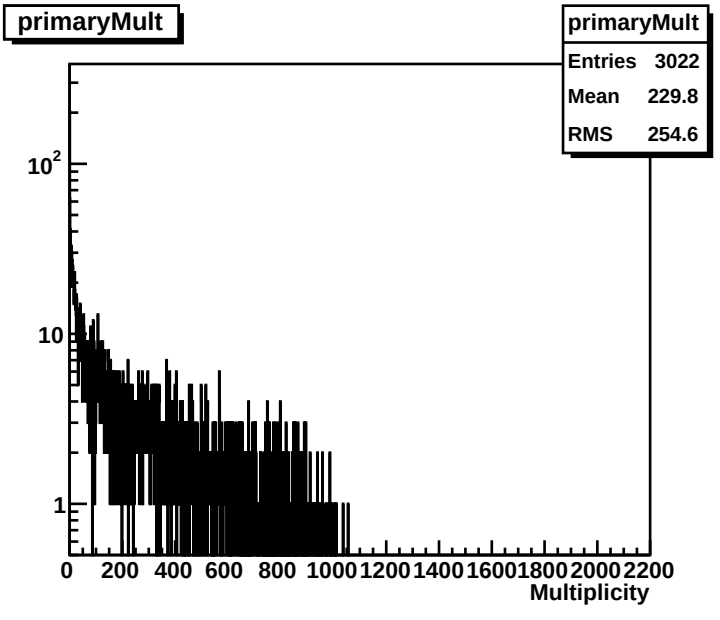

Glob_Pt
Glob_Pt
Entries 373316
Mean 0.5122
RMS 0.3648
Pt

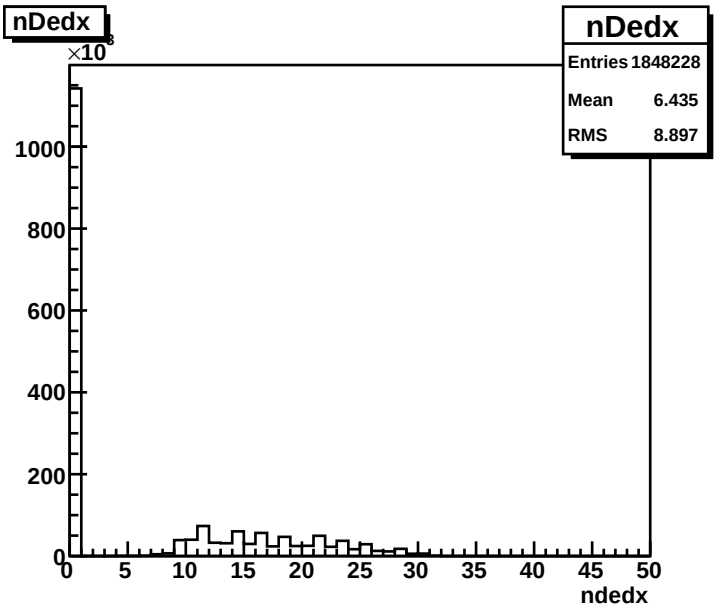

Prim_Pt
Prim_Pt
Entries 269413
Mean 0.5622
RMS 0.3585
Pt

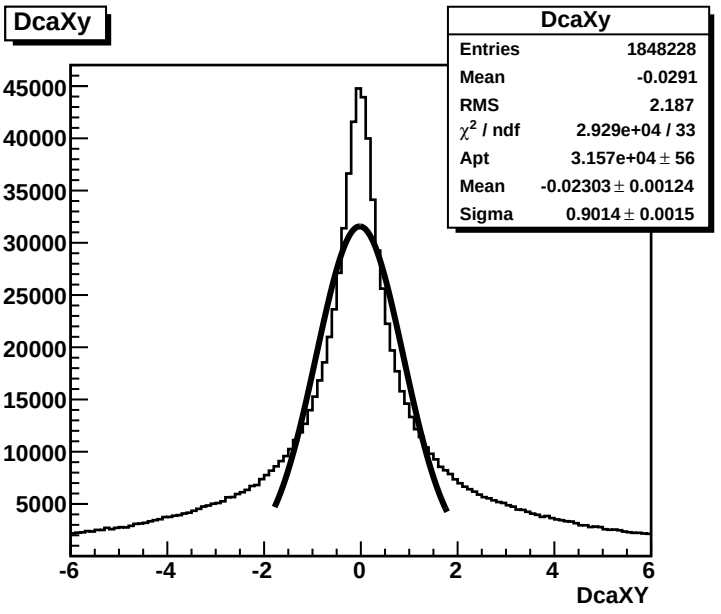

Glob_Phi
Glob_Phi
Entries 373316
Mean 2.925
RMS 1.761
ϕ

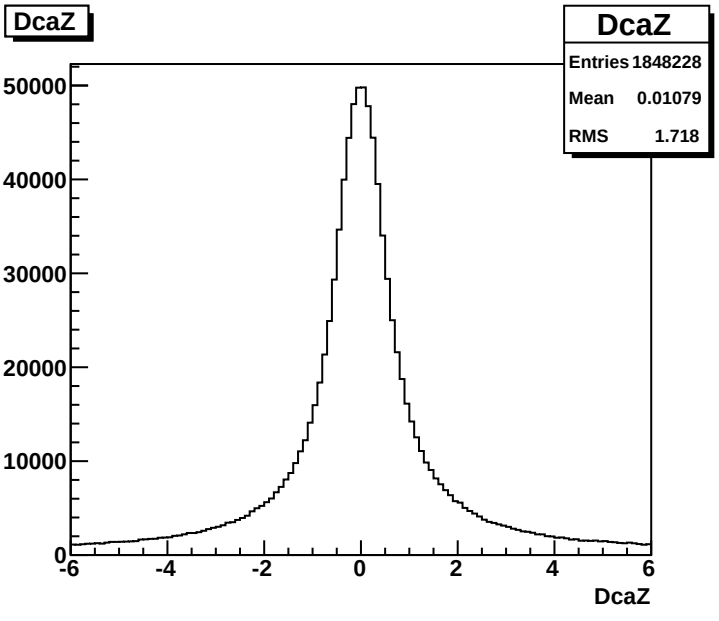

Prim_Phi
Prim_Phi
Entries 269413
Mean 2.894
RMS 1.755
ϕ

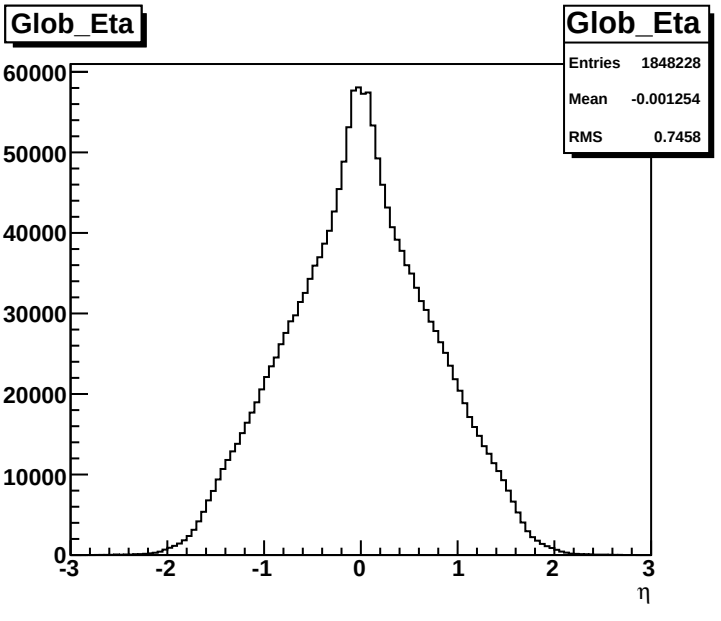

globalMult
globalMult
Entries 3022
Mean 611.6
RMS 642.6
Multiplicity

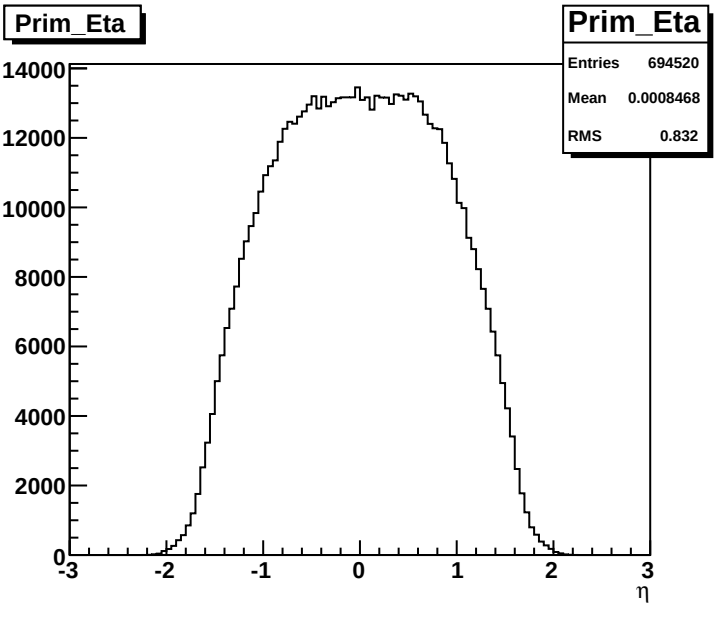

primaryMult
primaryMult
Entries 3022
Mean 229.8
RMS 254.6
Multiplicity

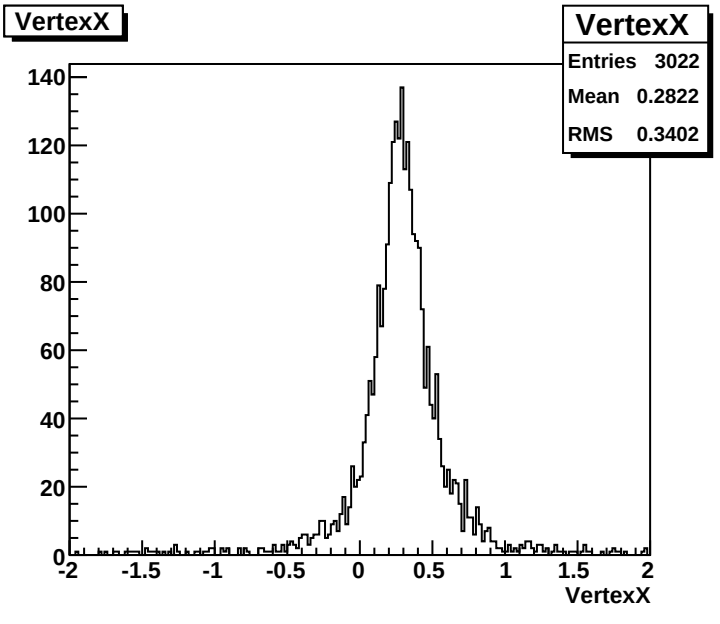

nDedx
nDedx
Entries 1848228
Mean 6.435
RMS 8.897
×10³
ndedx

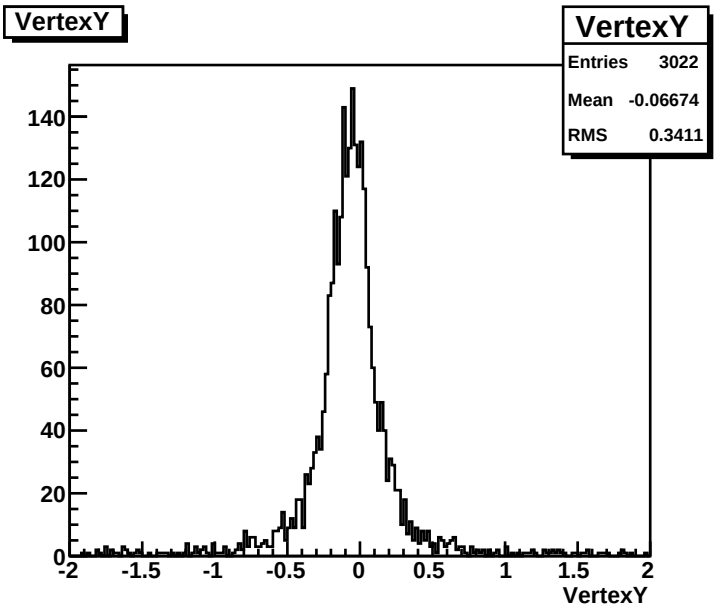

DcaXy
DcaXy
Entries 1848228
Mean -0.0291
RMS 2.187
χ² / ndf 2.929e+04 / 33
Apt 3.157e+04 ± 56
Mean -0.02303 ± 0.00124
Sigma 0.9014 ± 0.0015
DcaXY

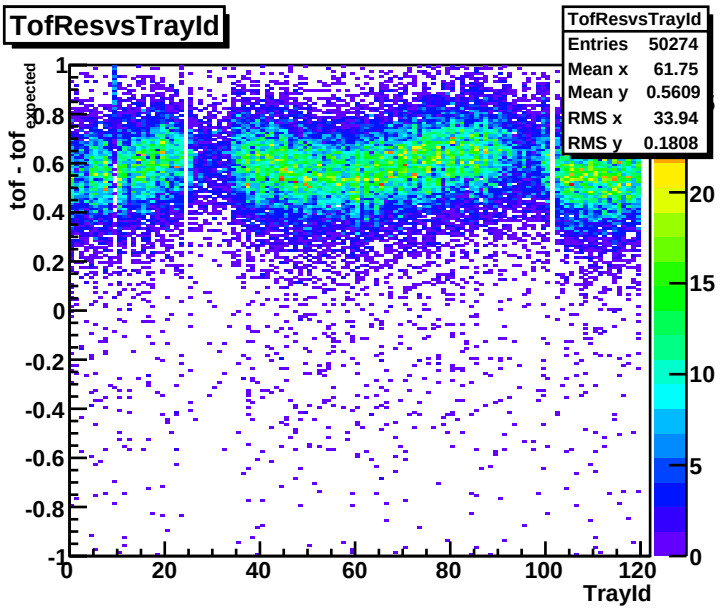

DcaZ
DcaZ
Entries 1848228
Mean 0.01079
RMS 1.718
DcaZ

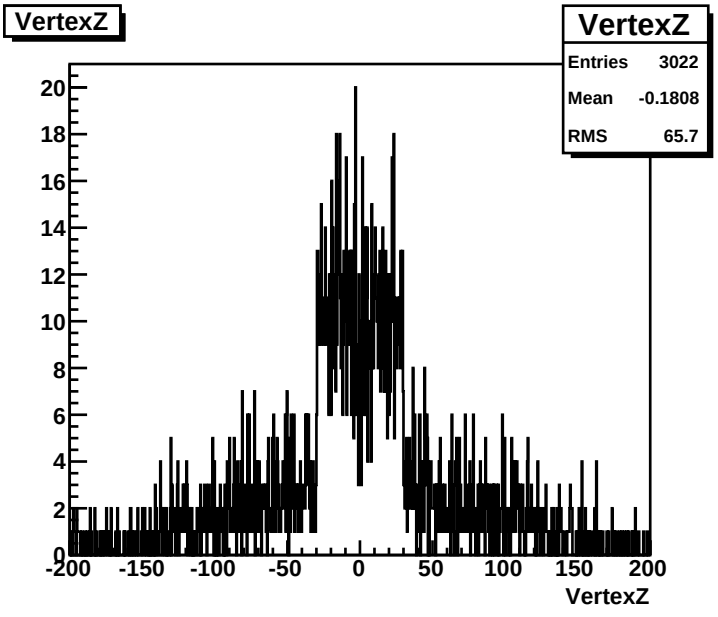

Glob_Eta
Glob_Eta
Entries 1848228
Mean -0.001254
RMS 0.7458
η

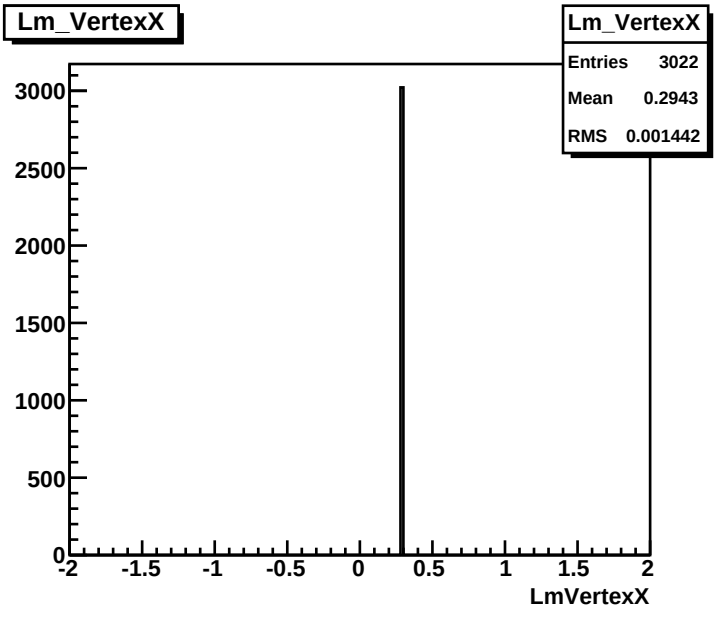

Prim_Eta
Prim_Eta
Entries 694520
Mean 0.0008468
RMS 0.832
η

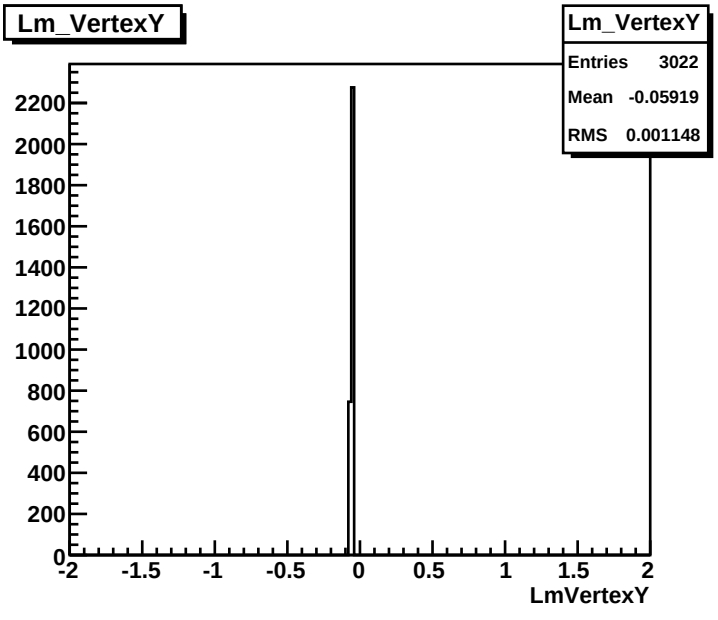

VertexX
VertexX
Entries 3022
Mean 0.2822
RMS 0.3402
VertexX

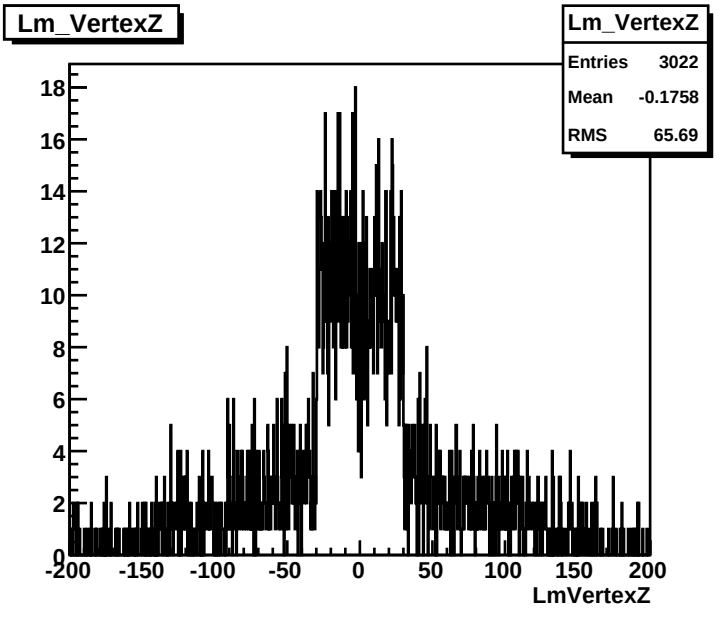

VertexY
VertexY
Entries 3022
Mean -0.06674
RMS 0.3411
VertexY

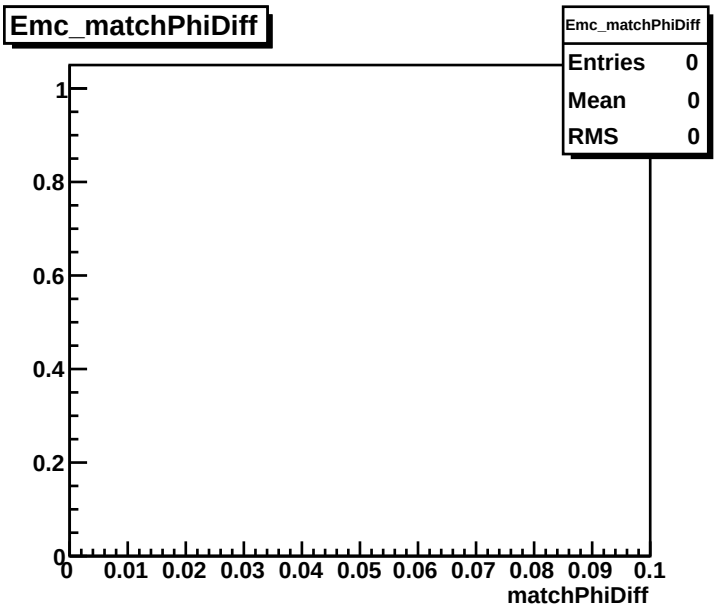

TofResvsTrayId
TofResvsTrayId
Entries 50274
Mean x 61.75
Mean y 0.5609
RMS x 33.94
RMS y 0.1808
tof - tof expected
TrayId

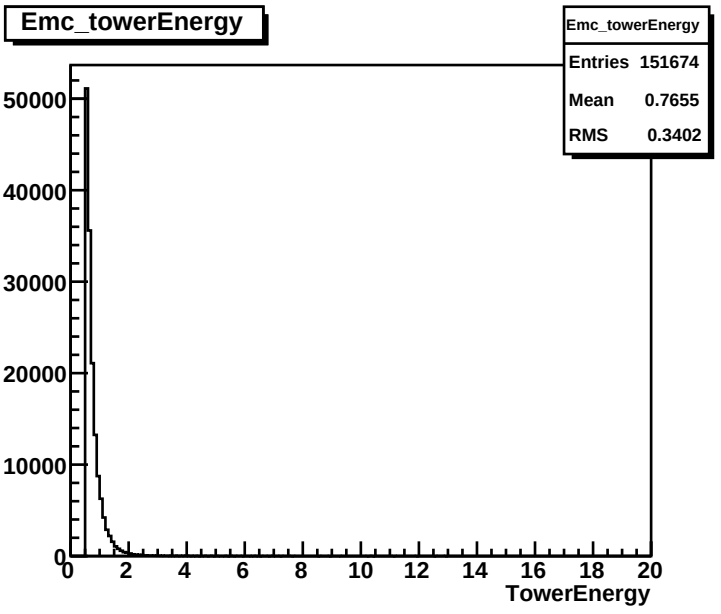

VertexZ
VertexZ
Entries 3022
Mean -0.1808
RMS 65.7
VertexZ

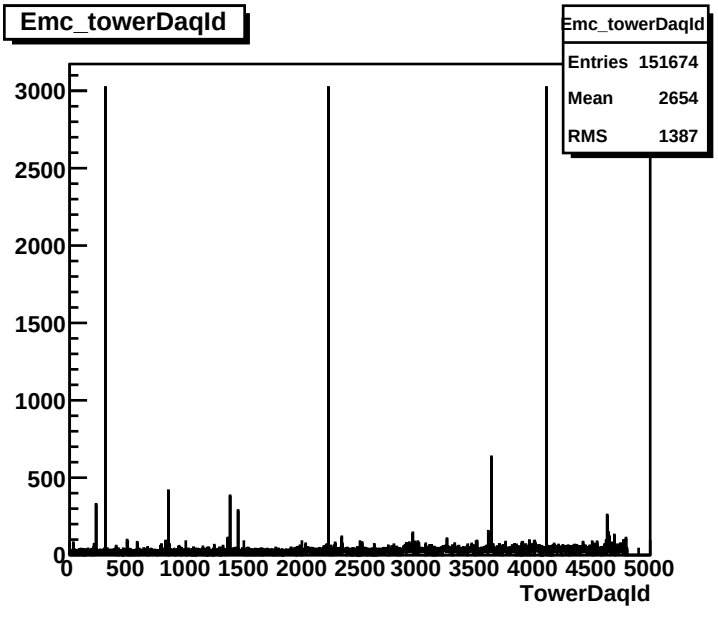

Lm_VertexX
Lm_VertexX
Entries 3022
Mean 0.2943
RMS 0.001442
LmVertexX

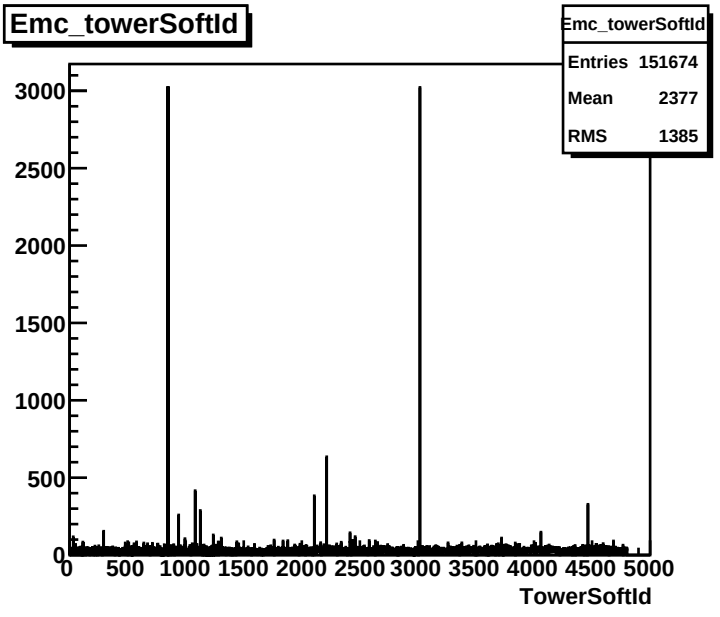

Lm_VertexY
Lm_VertexY
Entries 3022
Mean -0.05919
RMS 0.001148
LmVertexY

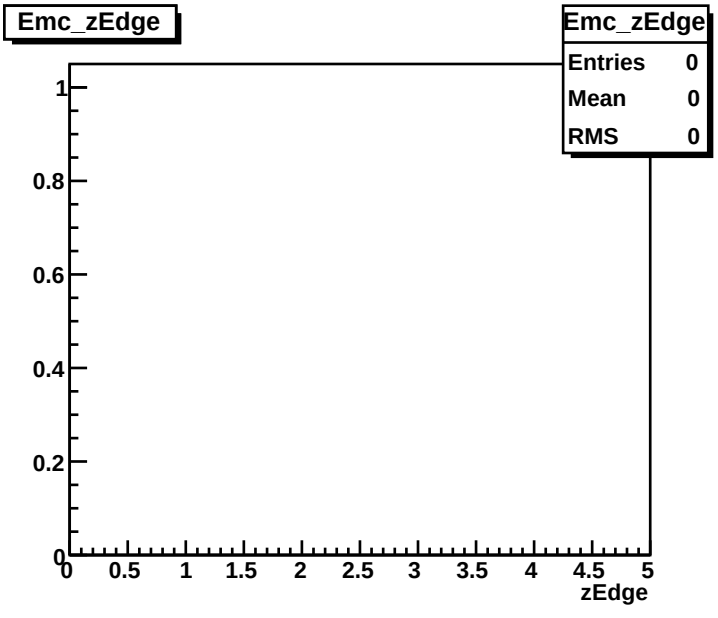

Lm_VertexZ
Lm_VertexZ
Entries 3022
Mean -0.1758
RMS 65.69
LmVertexZ

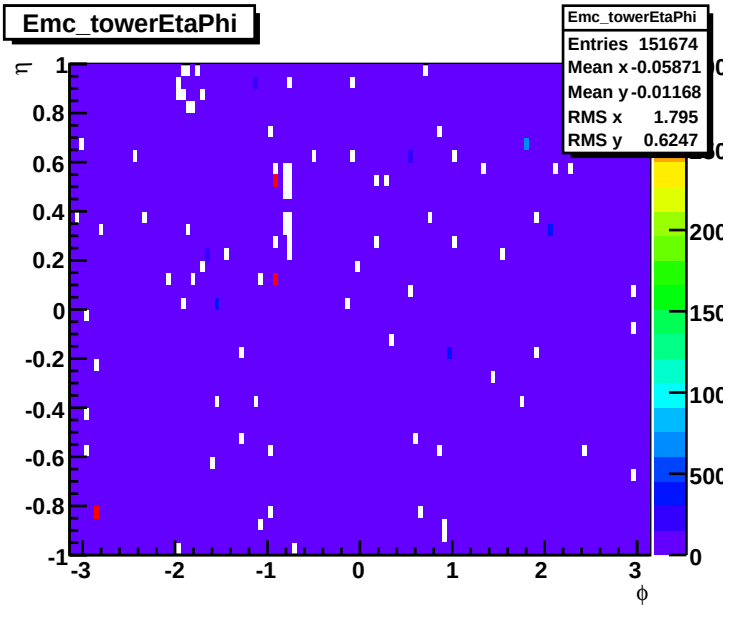

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

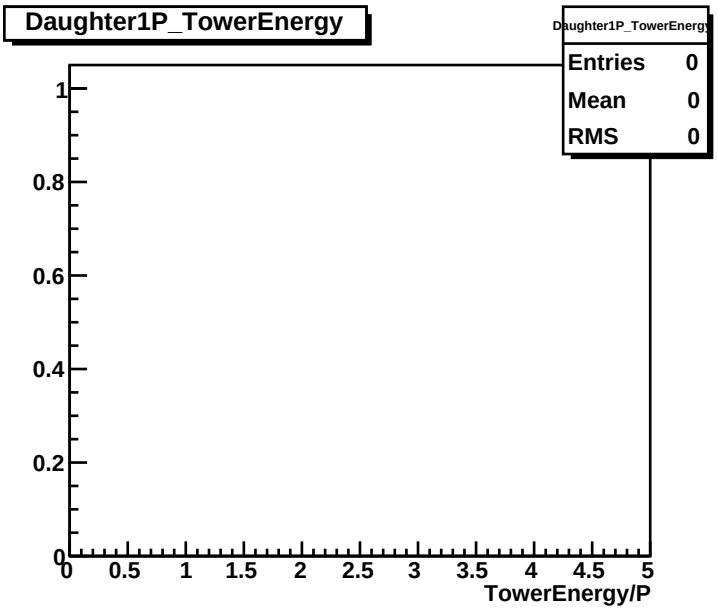

Emc_towerEnergy
Emc_towerEnergy
Entries 151674
Mean 0.7655
RMS 0.3402
TowerEnergy

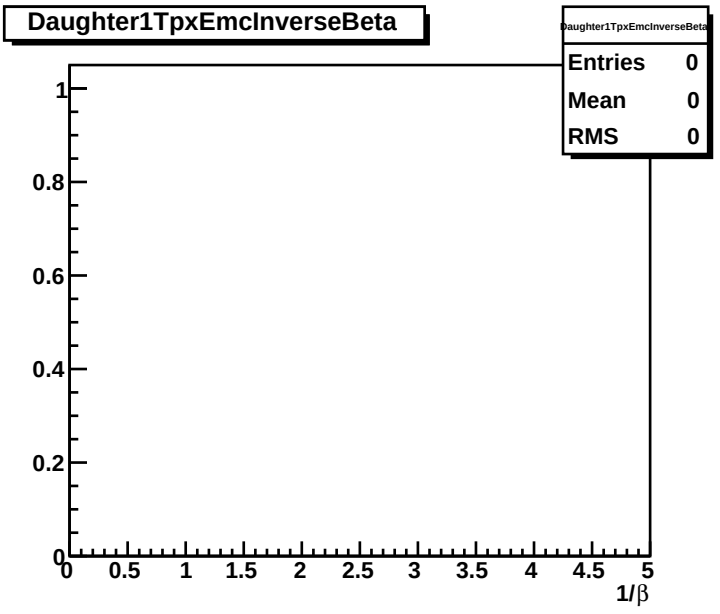

Emc_towerDaqId
Emc_towerDaqId
Entries 151674
Mean 2654
RMS 1387
TowerDaqId

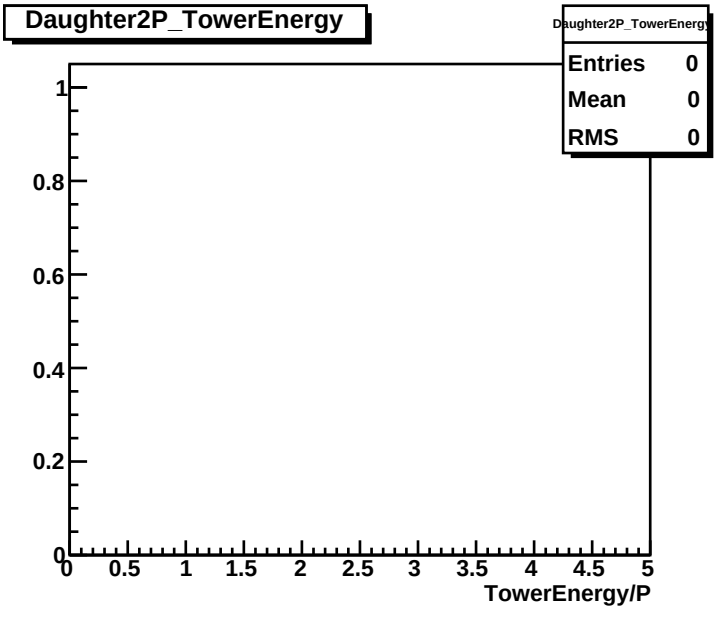

Emc_towerSoftId
Emc_towerSoftId
Entries 151674
Mean 2377
RMS 1385
TowerSoftId

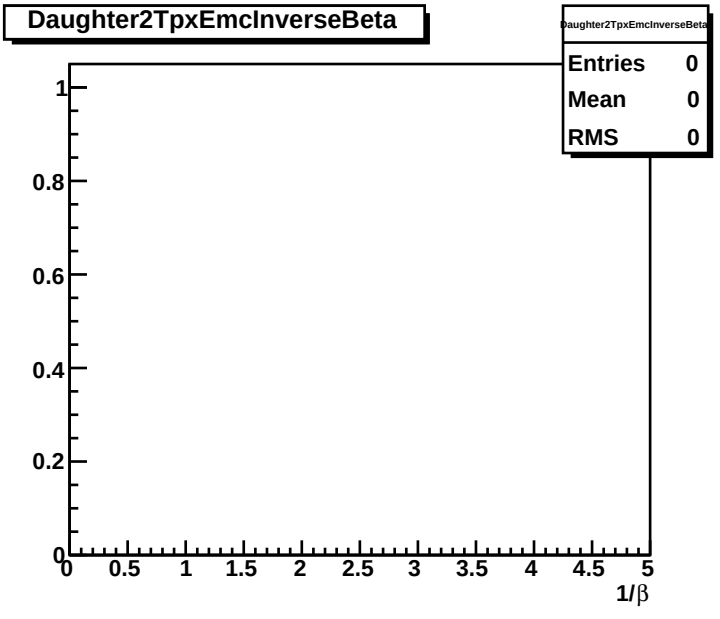

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

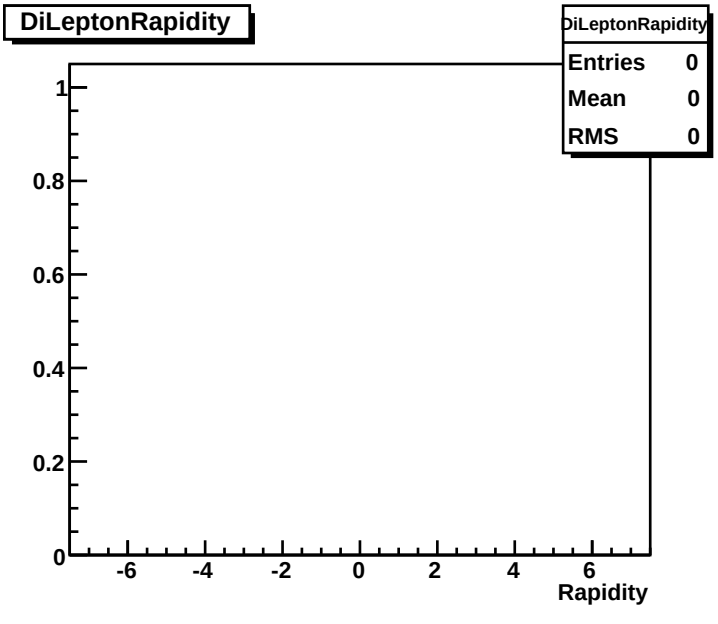

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 151674
Mean x -0.05871
Mean y -0.01168
RMS x 1.795
RMS y 0.6247
η
ϕ

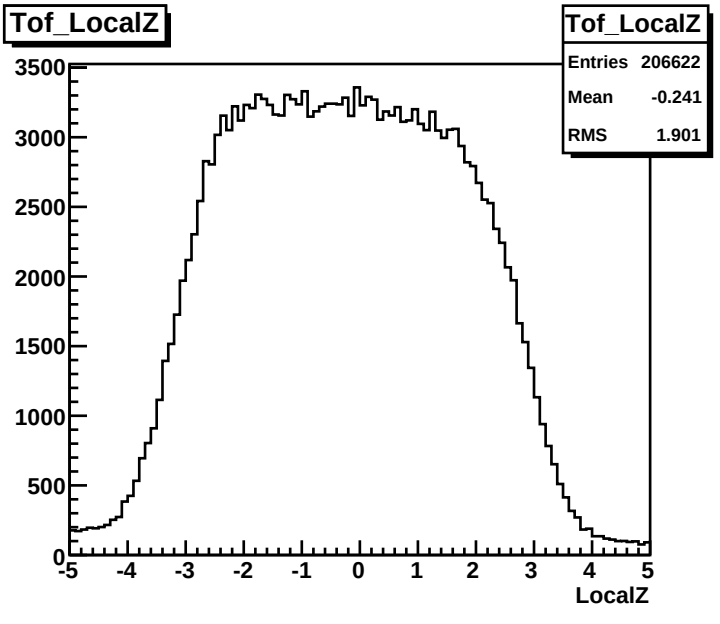

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

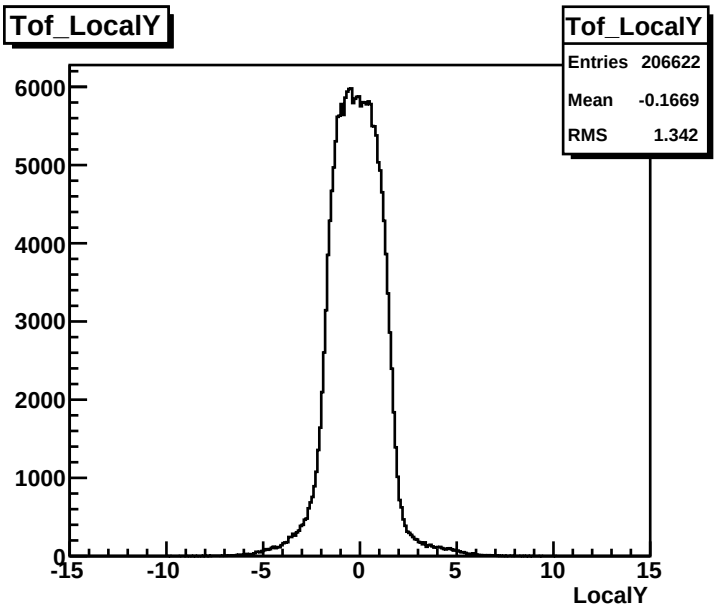

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

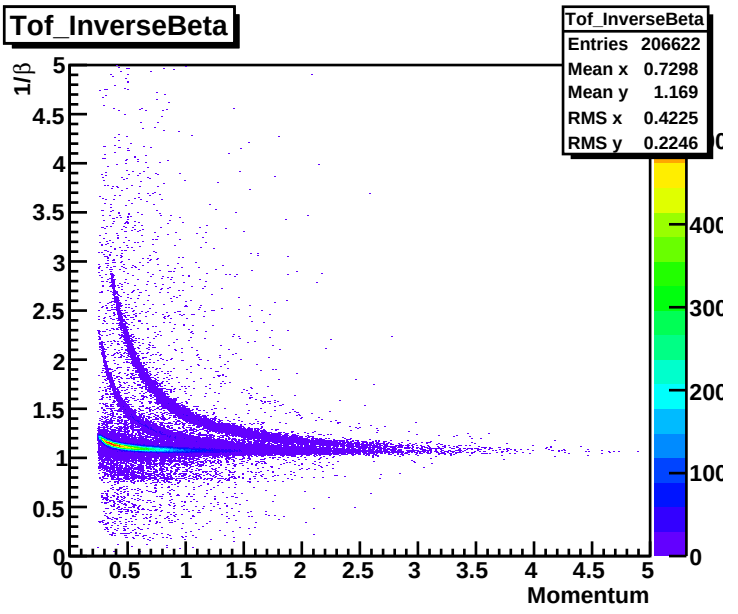

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

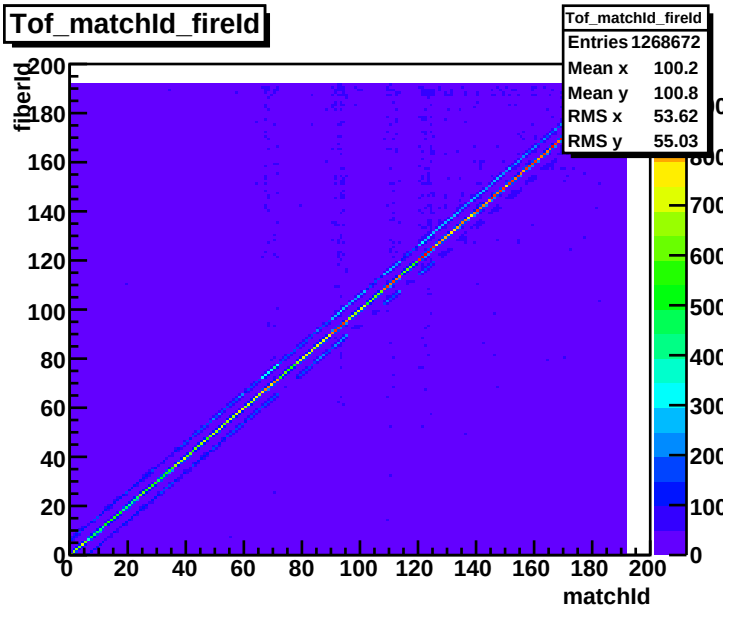

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

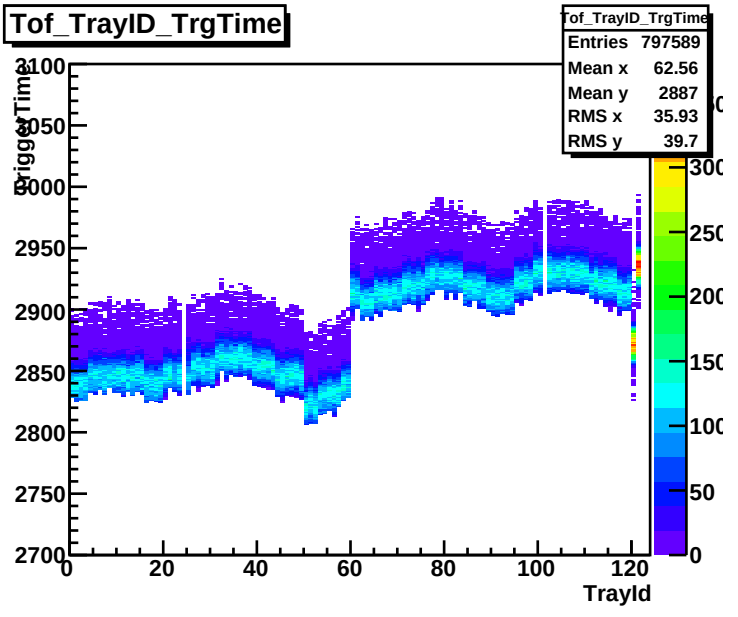

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

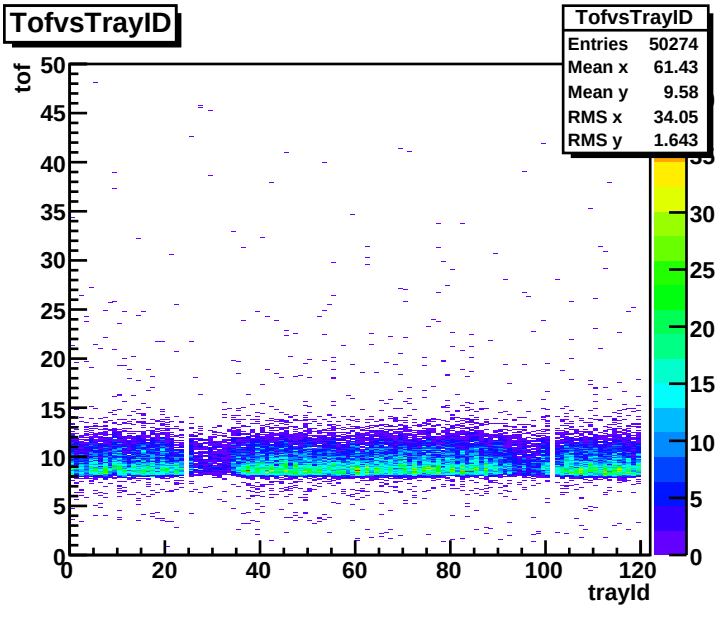

Tof_LocalZ
Tof_LocalZ
Entries 206622
Mean -0.241
RMS 1.901
LocalZ

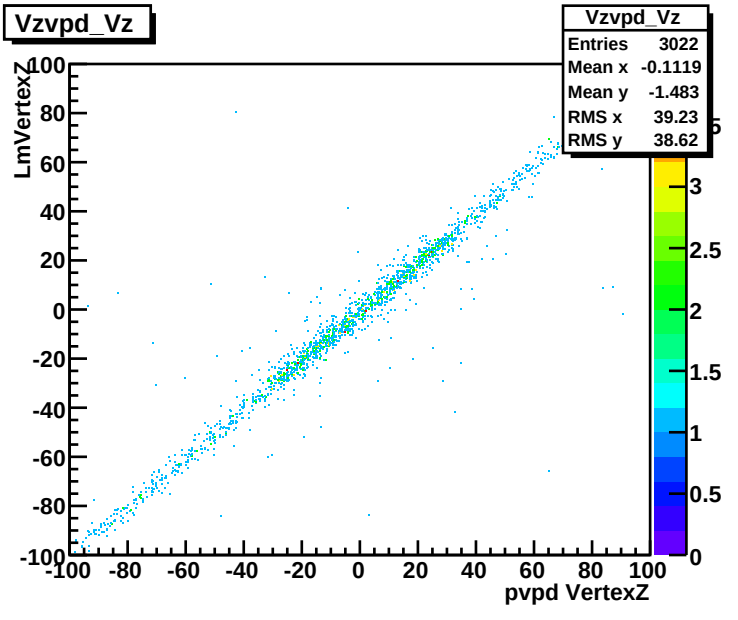

Tof_LocalY
Tof_LocalY
Entries 206622
Mean -0.1669
RMS 1.342
LocalY

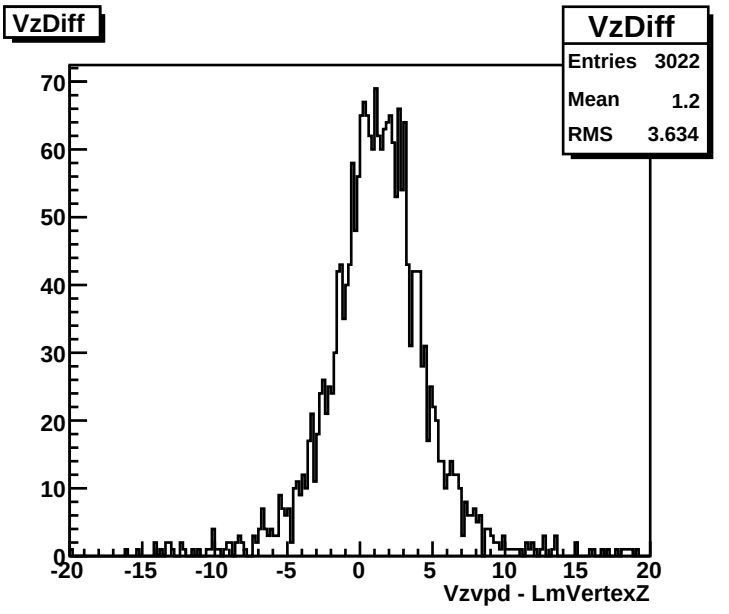

Tof_InverseBeta
Tof_InverseBeta
Entries 206622
Mean x 0.7298
Mean y 1.169
RMS x 0.4225
RMS y 0.2246
1/β
Momentum

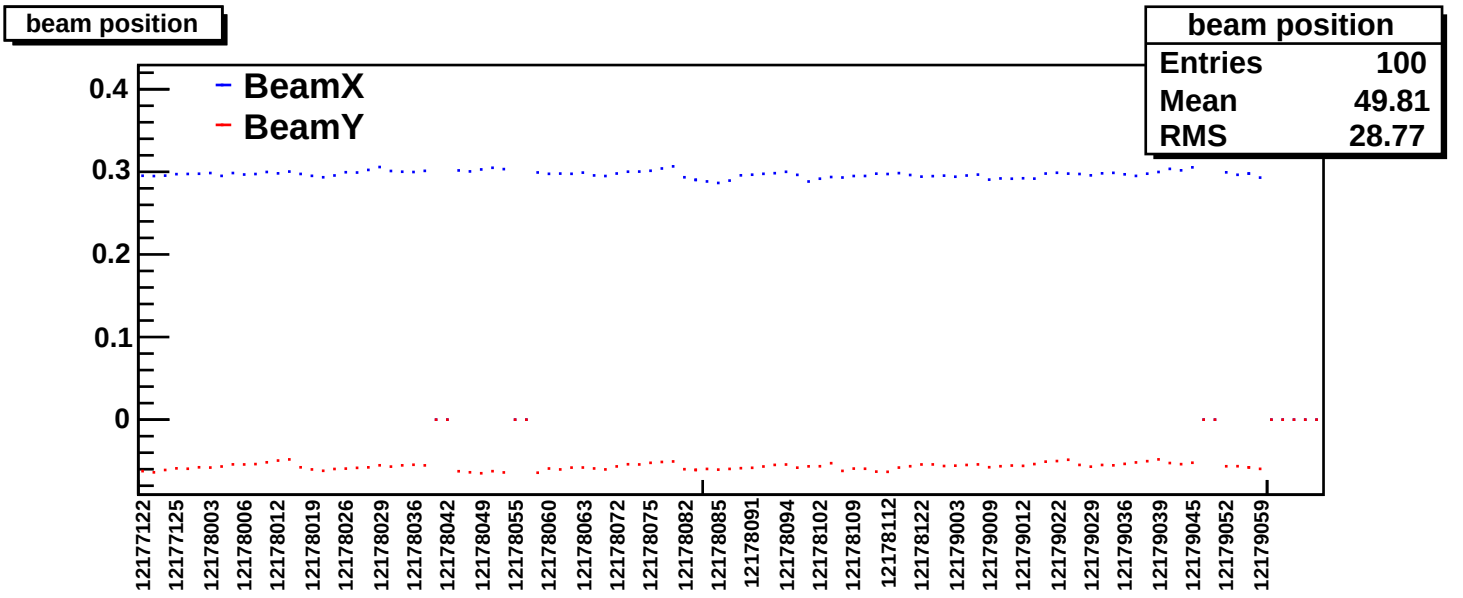

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1268672
Mean x 100.2
Mean y 100.8
RMS x 53.62
RMS y 55.03
fiberId
matchId

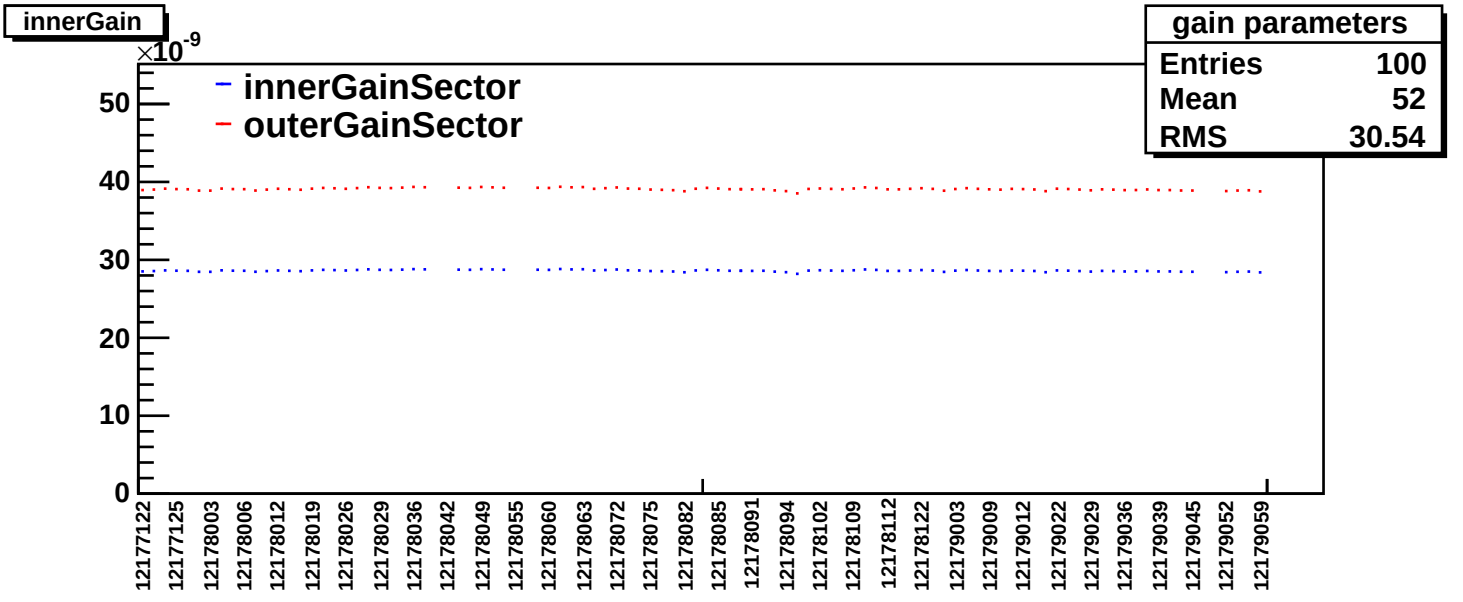

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 797589
Mean x 62.56
Mean y 2887
RMS x 35.93
RMS y 39.7
TrayId

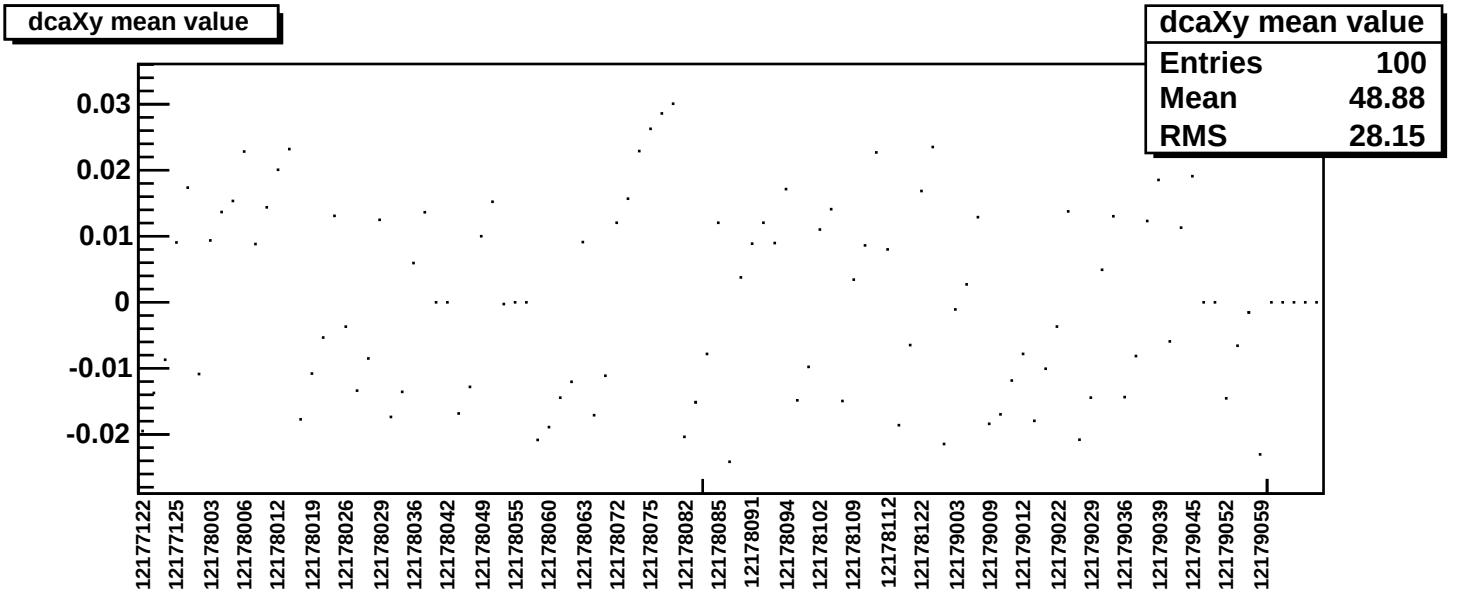

TofvsTrayID
TofvsTrayID
Entries 50274
Mean x 61.43
Mean y 9.58
RMS x 34.05
RMS y 1.643
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 3022
Mean x -0.1119
Mean y -1.483
RMS x 39.23
RMS y 38.62
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 3022
Mean 1.2
RMS 3.634
70
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 49.81
RMS 28.77
BeamX
BeamY
0.4
0.3
0.2
0.1
0
12177122 12177125 12178003 12178006 12178012 12178019 12178026 12178029 12178036 12178042 12178049 12178055 12178060 12178063 12178072 12178075 12178082 12178085 12178091 12178094 12178102 12178109 12178112 12178122 12179003 12179009 12179012 12179022 12179029 12179036 12179039 12179045 12179052 12179059


innerGain
gain parameters
Entries 100
Mean 52
RMS 30.54
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12177122 12177125 12178003 12178006 12178012 12178019 12178026 12178029 12178036 12178042 12178049 12178055 12178060 12178063 12178072 12178075 12178082 12178085 12178091 12178094 12178102 12178109 12178112 12178122 12179003 12179009 12179012 12179022 12179029 12179036 12179039 12179045 12179052 12179059


dcaXy mean value
dcaXy mean value
Entries 100
Mean 48.88
RMS 28.15
0.03
0.02
0.01
0
-0.01
-0.02
12177122 12177125 12178003 12178006 12178012 12178019 12178026 12178029 12178036 12178042 12178049 12178055 12178060 12178063 12178072 12178075 12178082 12178085 12178091 12178094 12178102 12178109 12178112 12178122 12179003 12179009 12179012 12179022 12179029 12179036 12179039 12179045 12179052 12179059