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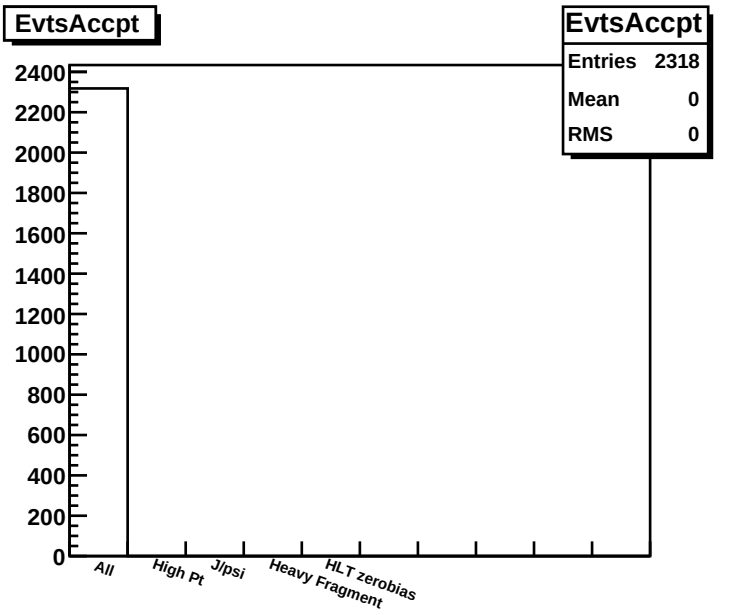
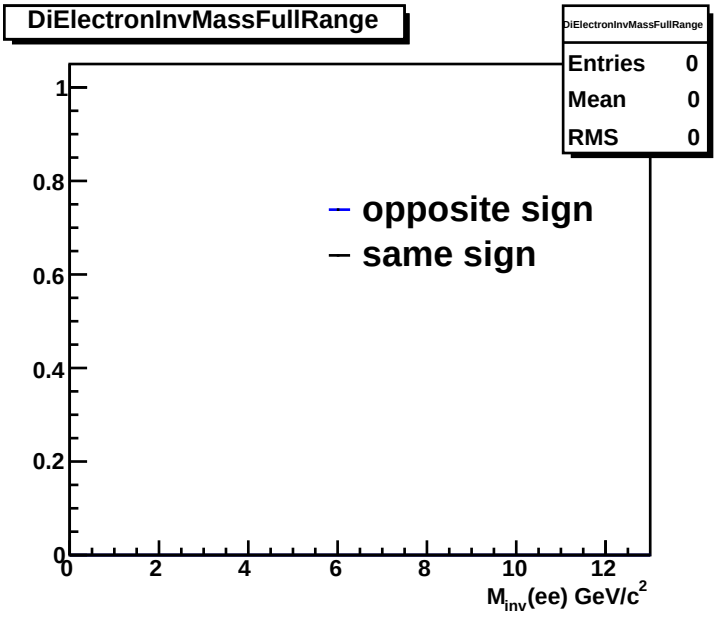
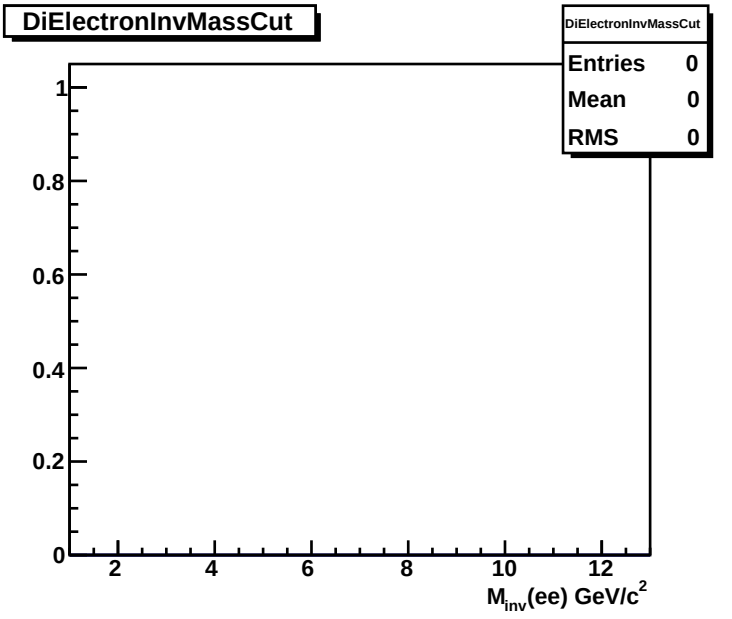
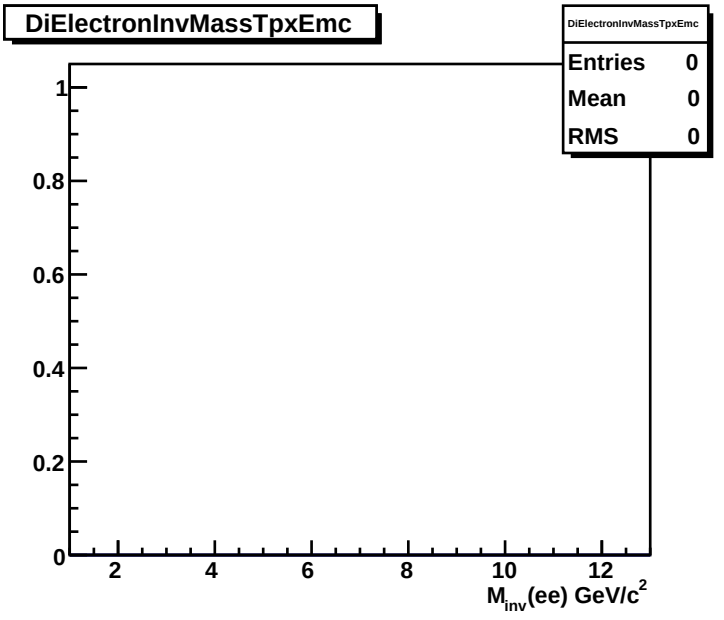
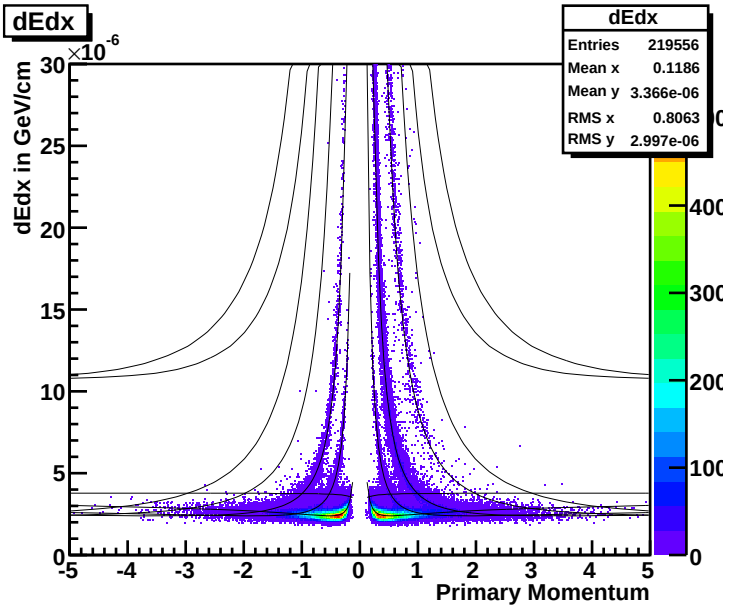
Sun Jun 26 00:20:08 2011

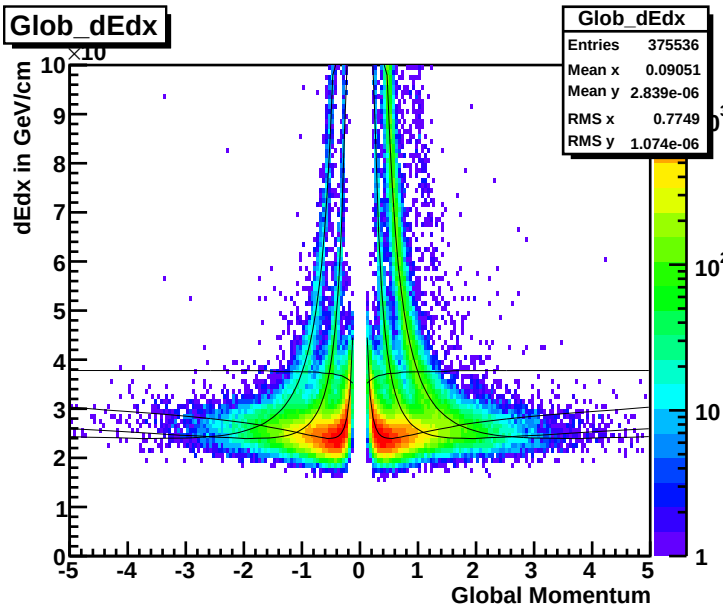


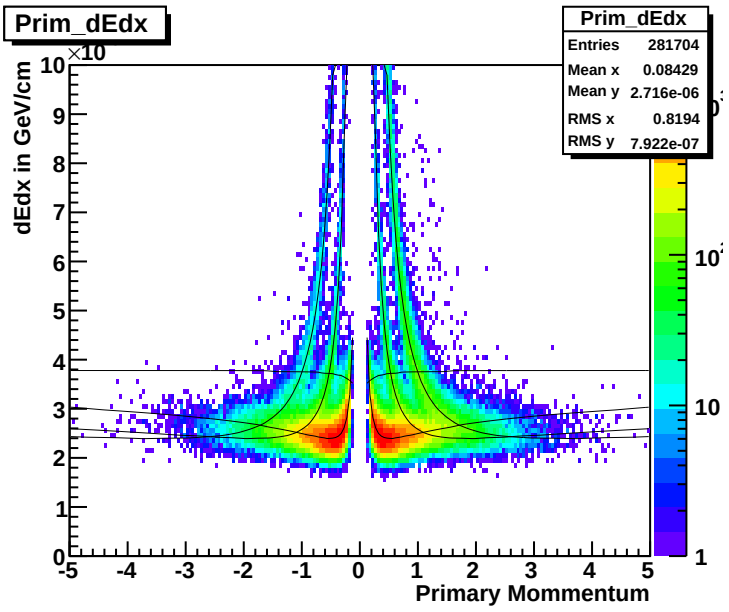


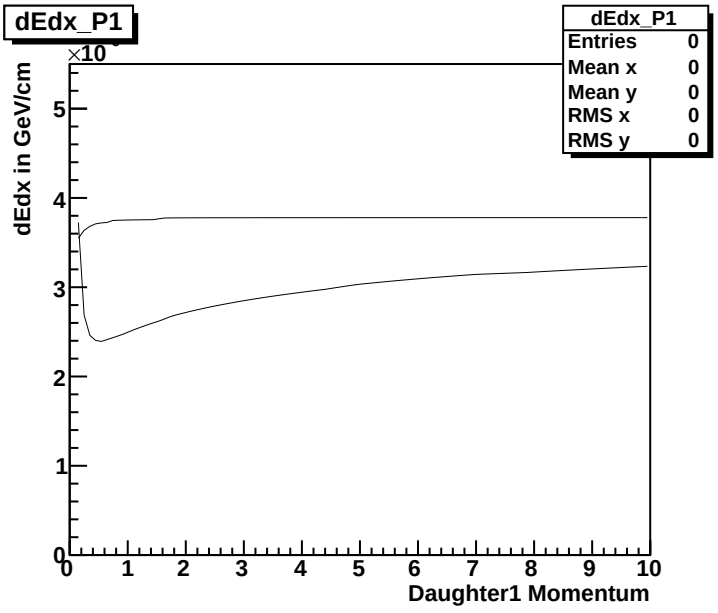


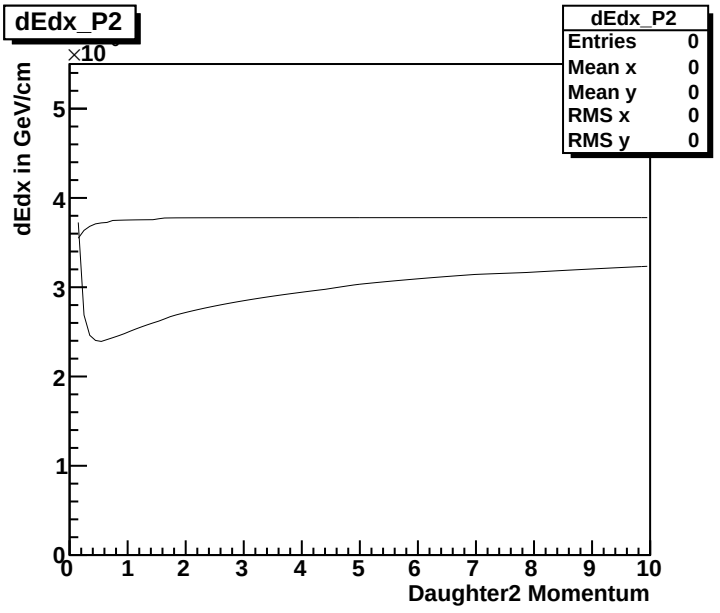


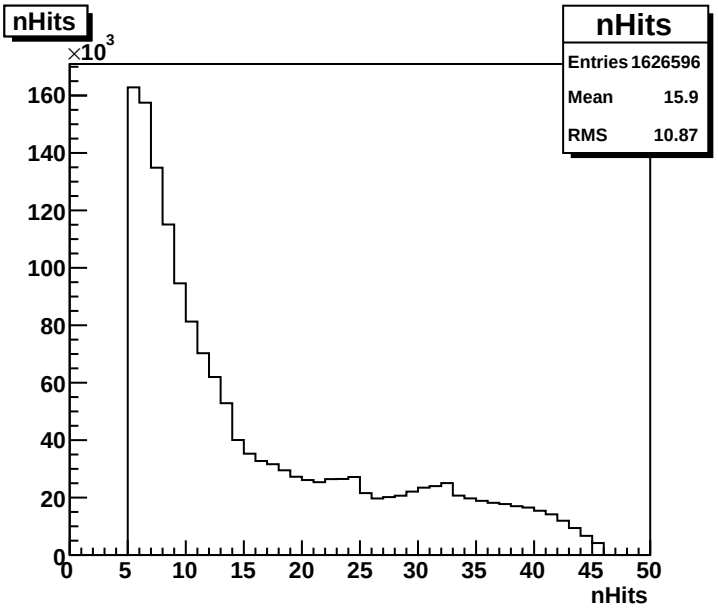


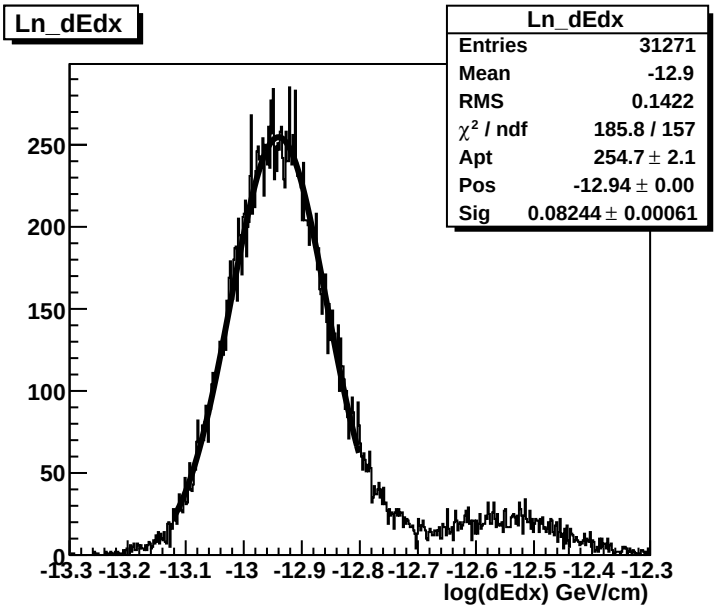

Glob_dEdx
Entries 375536
Mean x 0.09051
Mean y 2.839e-06
RMS x 0.7749
RMS y 1.074e-06
dEdx in GeV/cm
Global Momentum

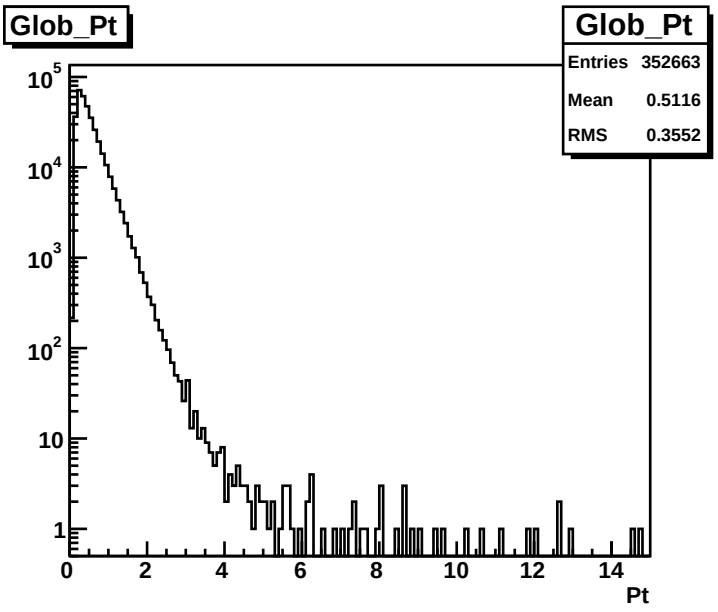

Prim_dEdx
Entries 281704
Mean x 0.08429
Mean y 2.716e-06
RMS x 0.8194
RMS y 7.922e-07
dEdx in GeV/cm
Primary Mommentum

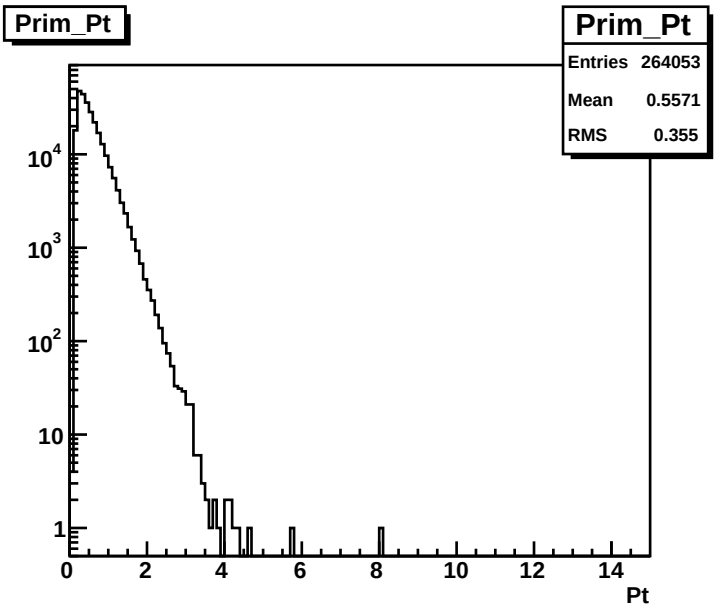

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

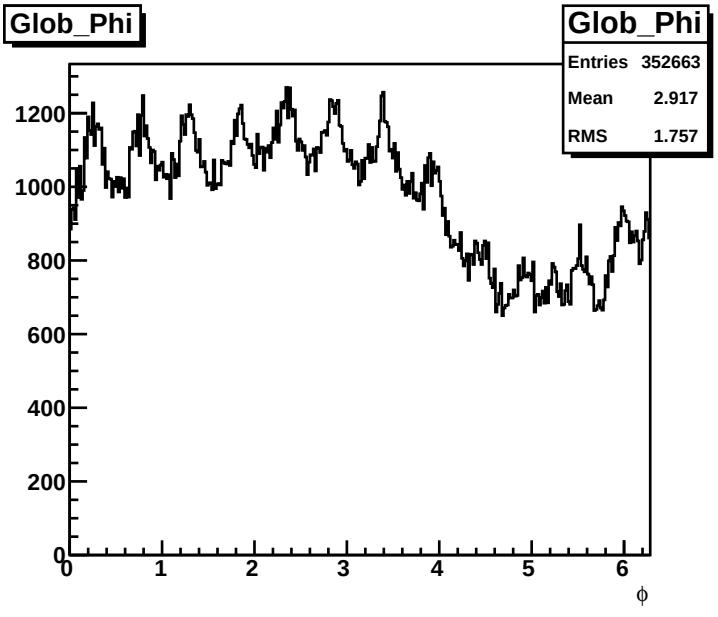

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

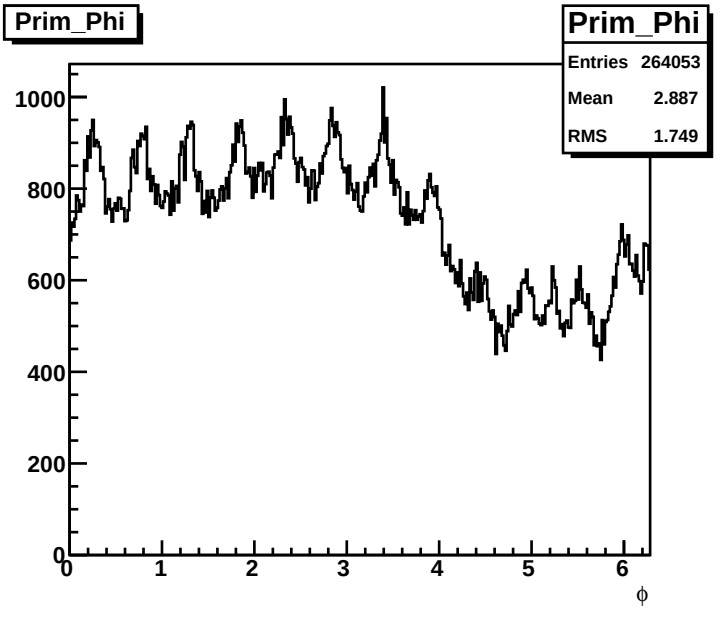

nHits
Entries 1626596
Mean 15.9
RMS 10.87
nHits

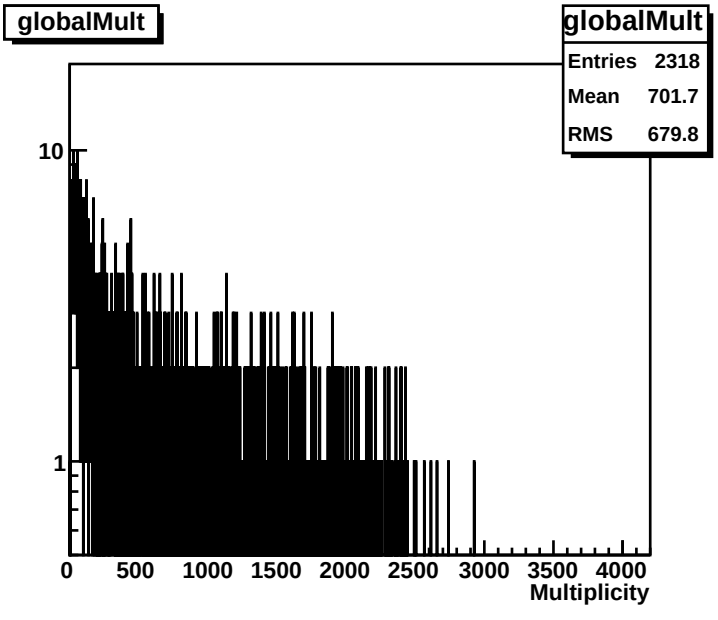

Ln_dEdx
Entries 31271
Mean -12.9
RMS 0.1422
χ² / ndf 185.8 / 157
Apt 254.7 ± 2.1
Pos -12.94 ± 0.00
Sig 0.08244 ± 0.00061
log(dEdx) GeV/cm)

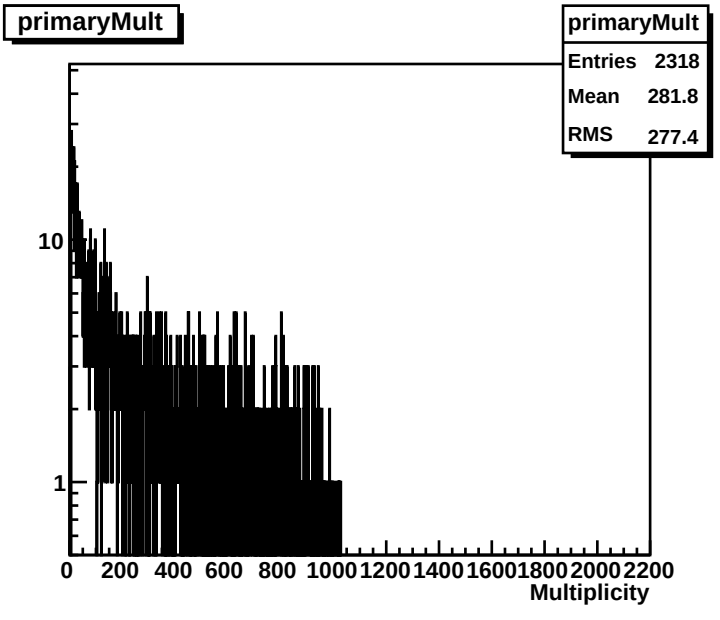

Glob_Pt
Glob_Pt
Entries 352663
Mean 0.5116
RMS 0.3552
Pt

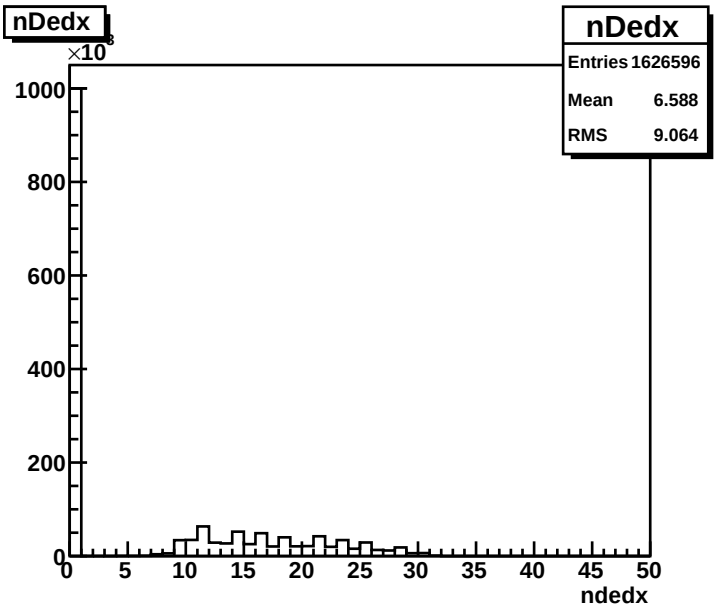

Prim_Pt
Prim_Pt
Entries 264053
Mean 0.5571
RMS 0.355
Pt

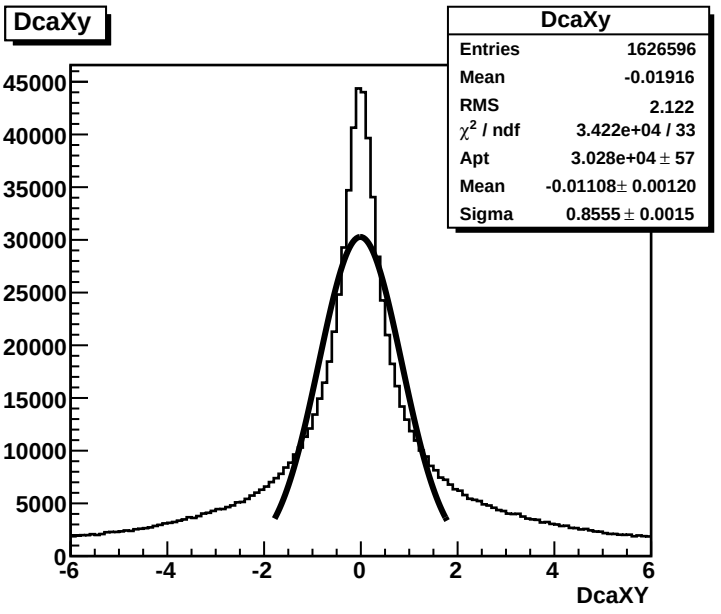

Glob_Phi
Glob_Phi
Entries 352663
Mean 2.917
RMS 1.757
ϕ

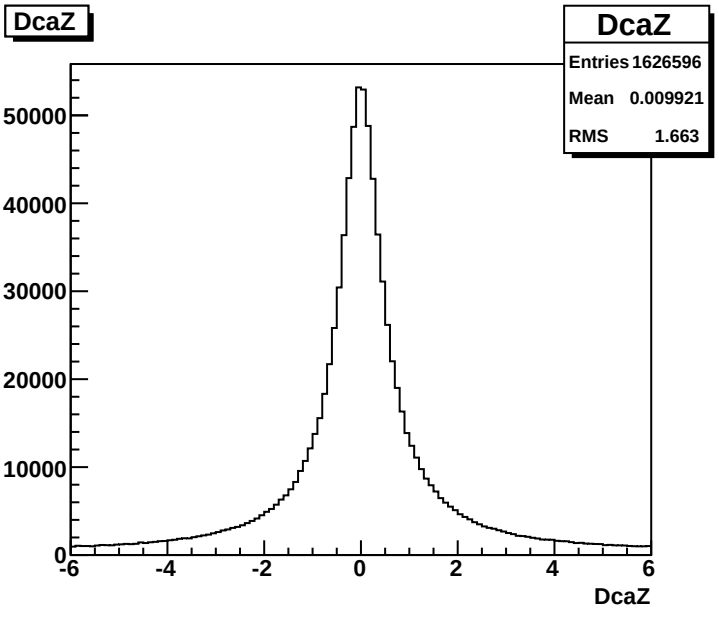

Prim_Phi
Prim_Phi
Entries 264053
Mean 2.887
RMS 1.749
ϕ

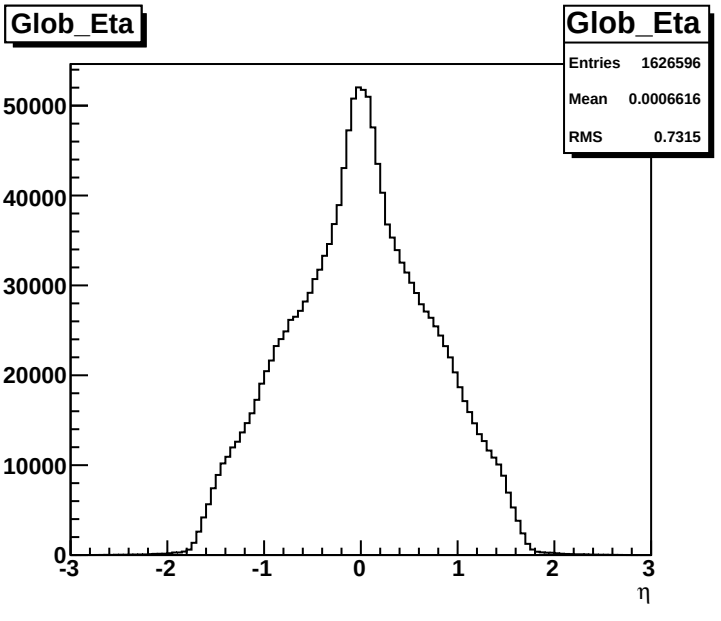

globalMult
globalMult
Entries 2318
Mean 701.7
RMS 679.8
Multiplicity

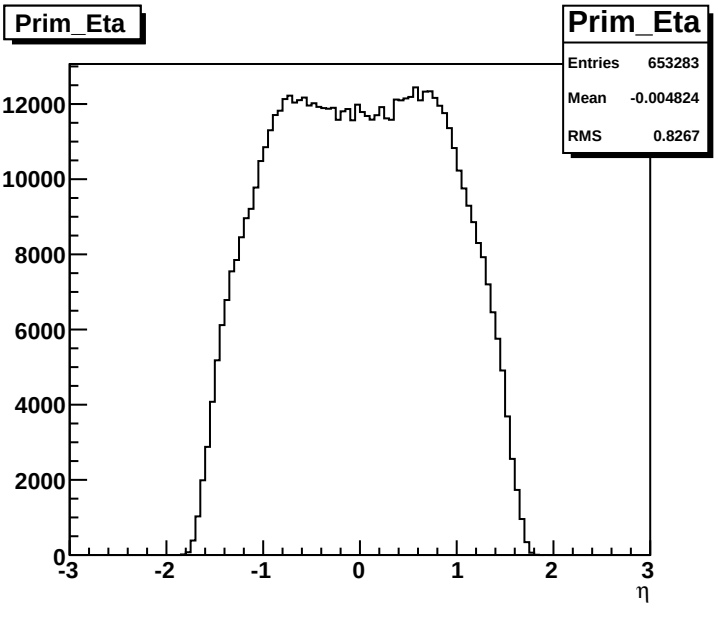

primaryMult
primaryMult
Entries 2318
Mean 281.8
RMS 277.4
Multiplicity

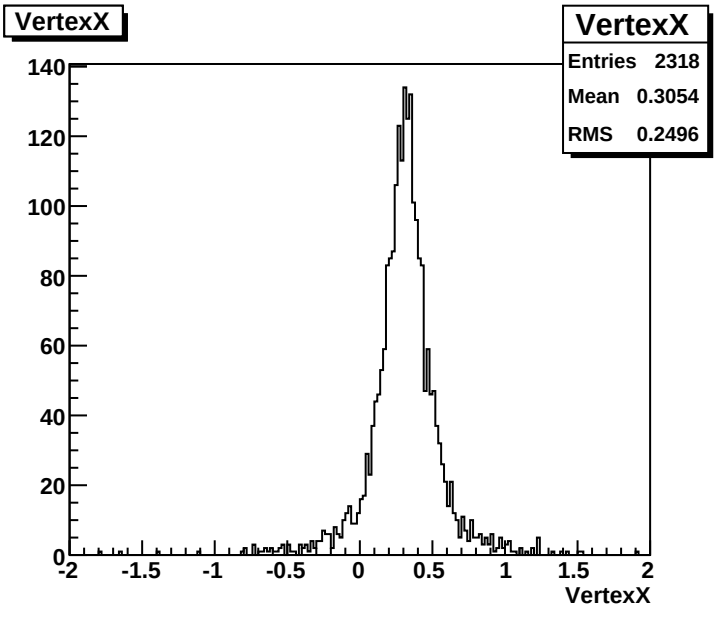

nDedx
nDedx
Entries 1626596
Mean 6.588
RMS 9.064
×10³
ndedx

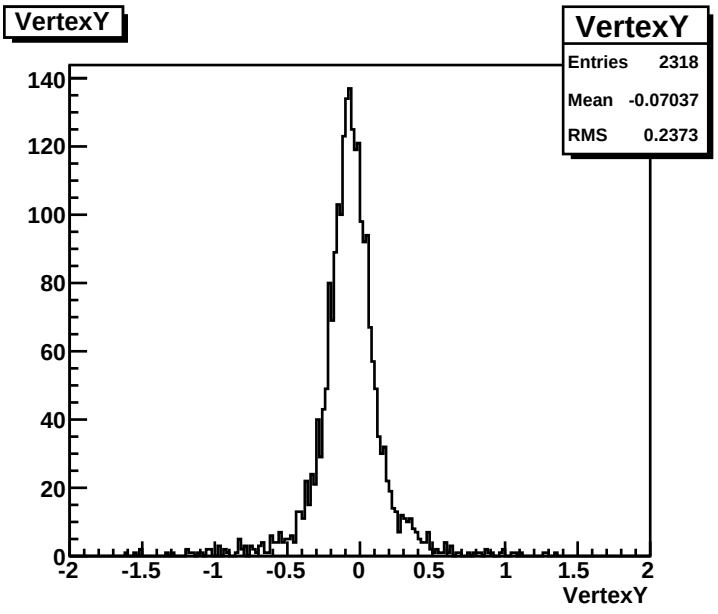

DcaXy
DcaXy
Entries 1626596
Mean -0.01916
RMS 2.122
χ² / ndf 3.422e+04 / 33
Apt 3.028e+04 ± 57
Mean -0.01108 ± 0.00120
Sigma 0.8555 ± 0.0015
DcaXY

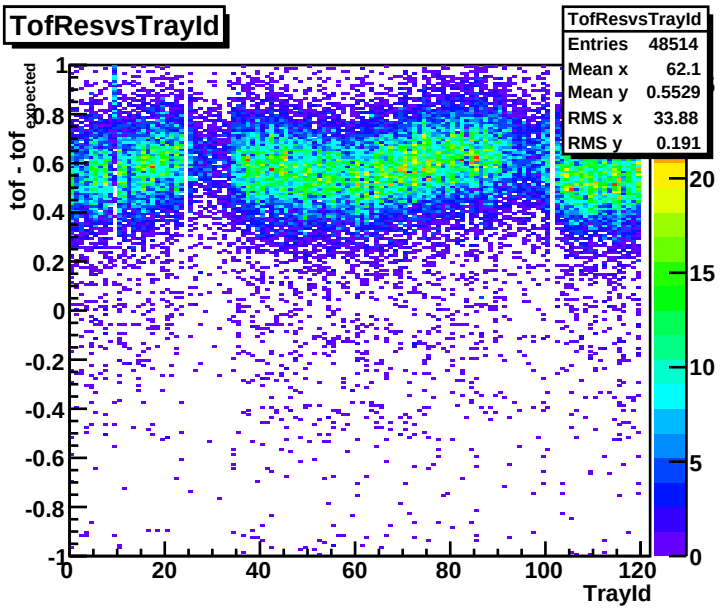

DcaZ
DcaZ
Entries 1626596
Mean 0.009921
RMS 1.663
DcaZ

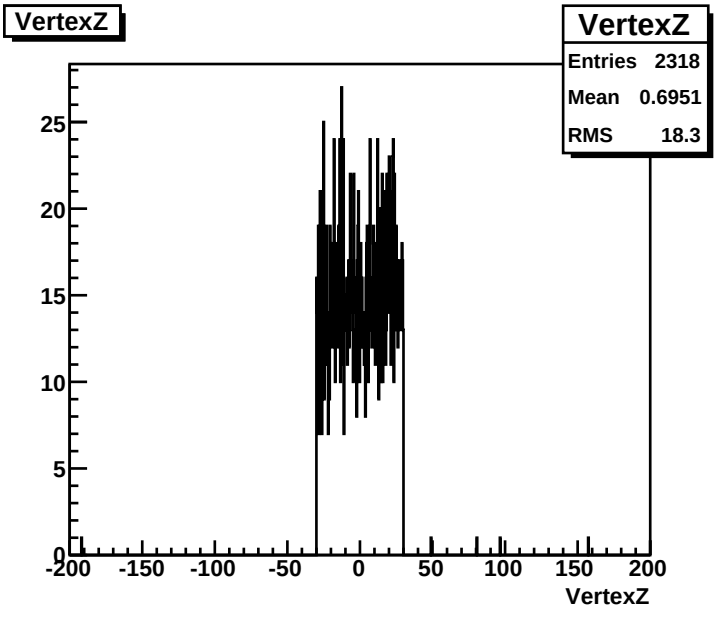

Glob_Eta
Glob_Eta
Entries 1626596
Mean 0.0006616
RMS 0.7315
η

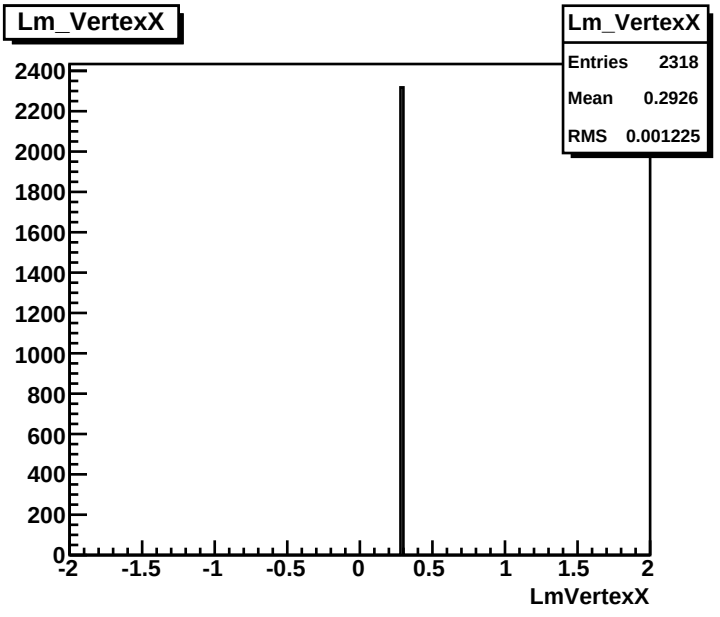

Prim_Eta
Prim_Eta
Entries 653283
Mean -0.004824
RMS 0.8267
η

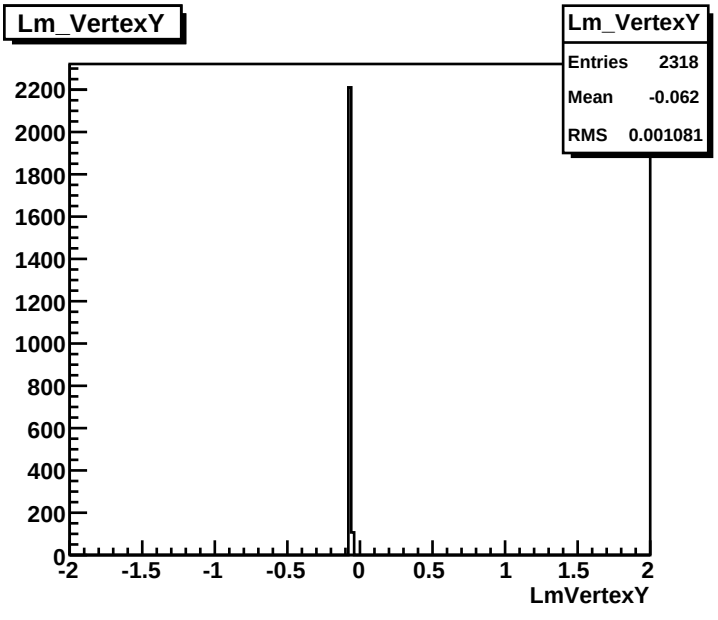

VertexX
VertexX
Entries 2318
Mean 0.3054
RMS 0.2496
VertexX

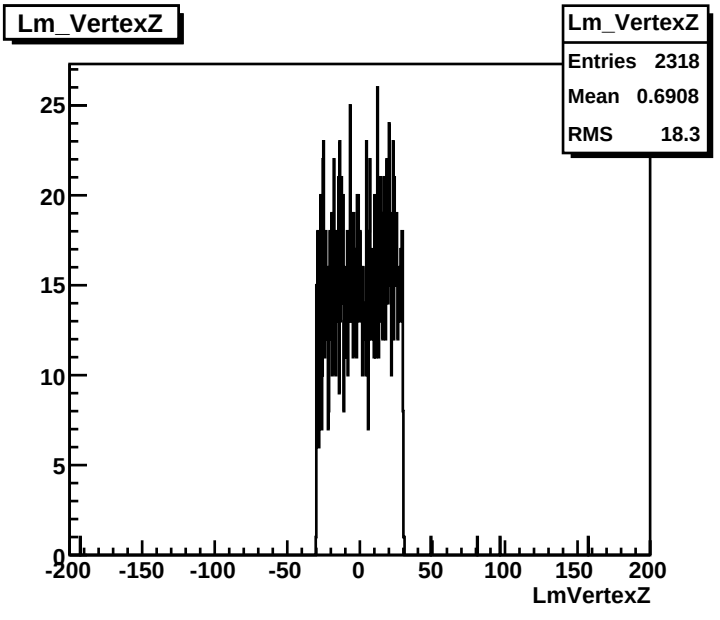

VertexY
VertexY
Entries 2318
Mean -0.07037
RMS 0.2373
VertexY

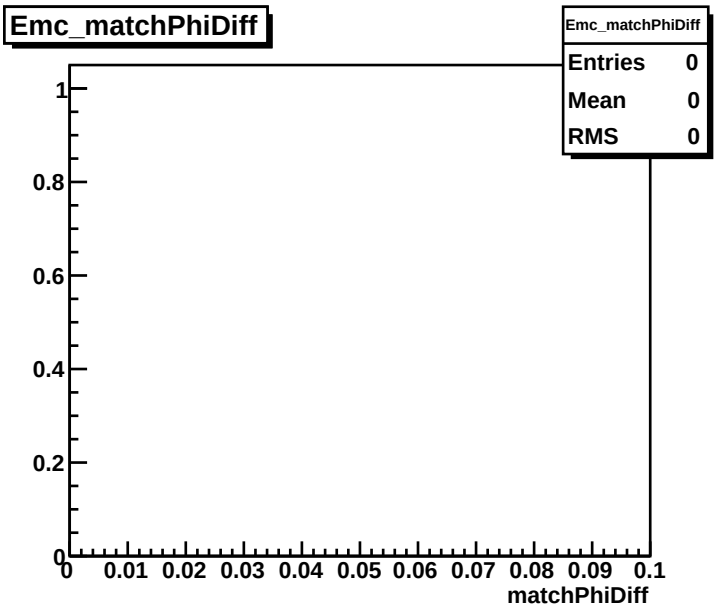

TofResvsTrayId
TofResvsTrayId
Entries 48514
Mean x 62.1
Mean y 0.5529
RMS x 33.88
RMS y 0.191
tof - tof expected
TrayId

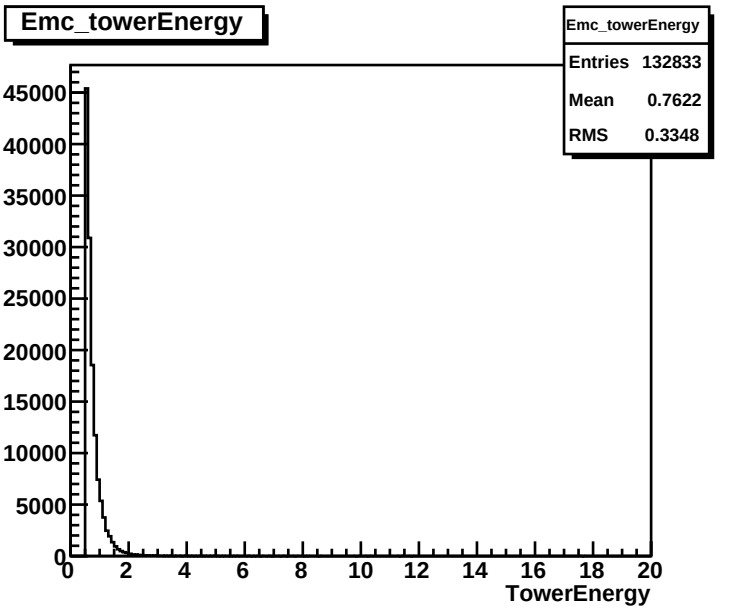

VertexZ
VertexZ
Entries 2318
Mean 0.6951
RMS 18.3
VertexZ

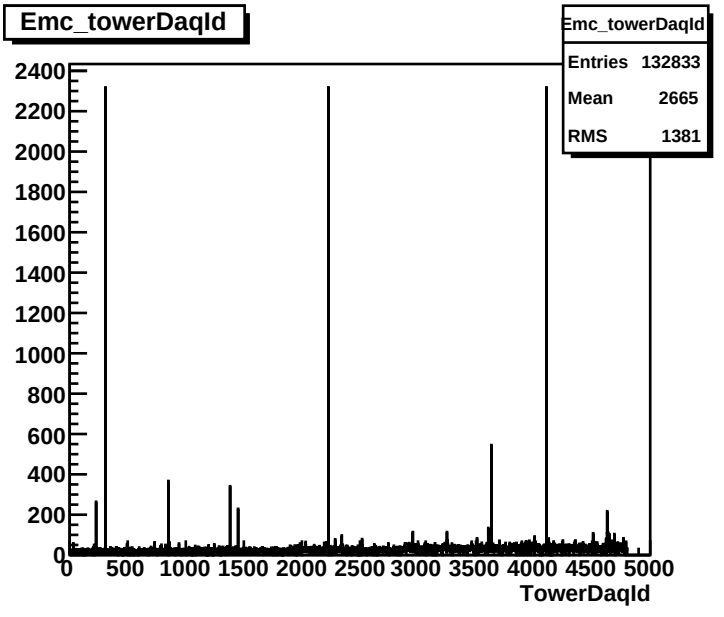

Lm_VertexX
Lm_VertexX
Entries 2318
Mean 0.2926
RMS 0.001225
LmVertexX

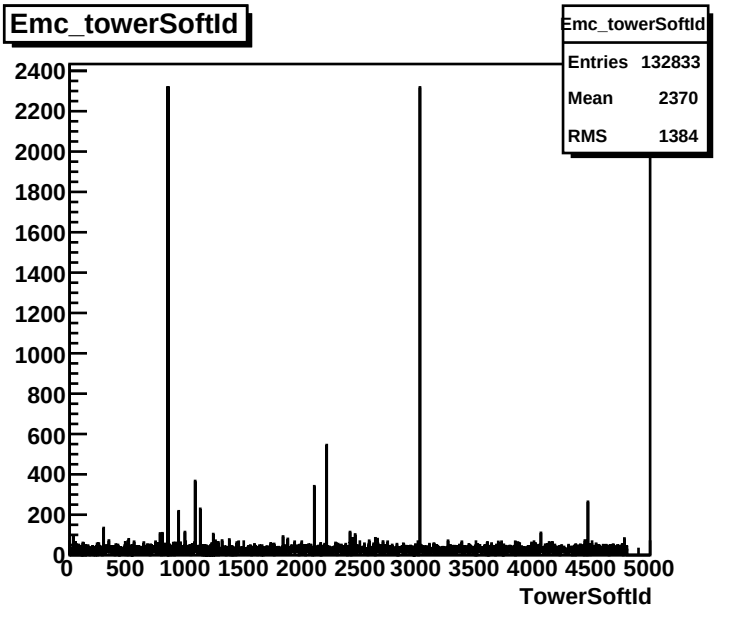

Lm_VertexY
Lm_VertexY
Entries 2318
Mean -0.062
RMS 0.001081
LmVertexY

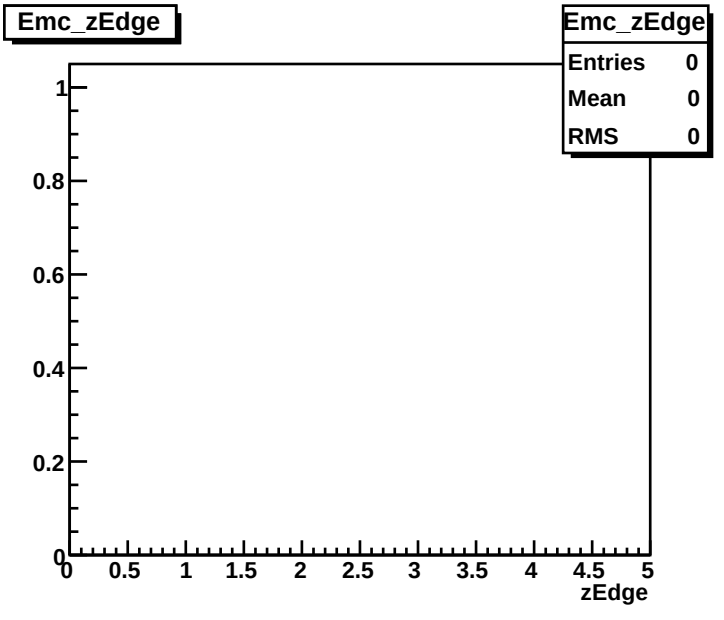

Lm_VertexZ
Lm_VertexZ
Entries 2318
Mean 0.6908
RMS 18.3
LmVertexZ

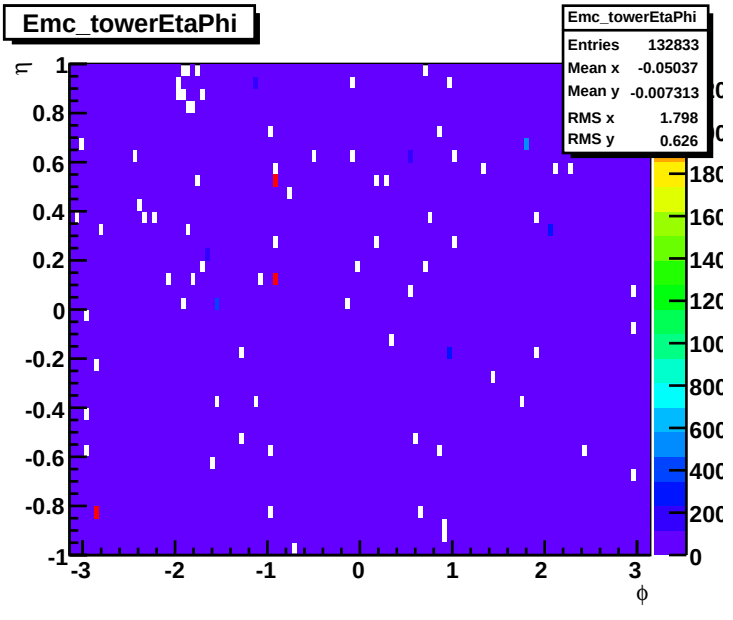

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

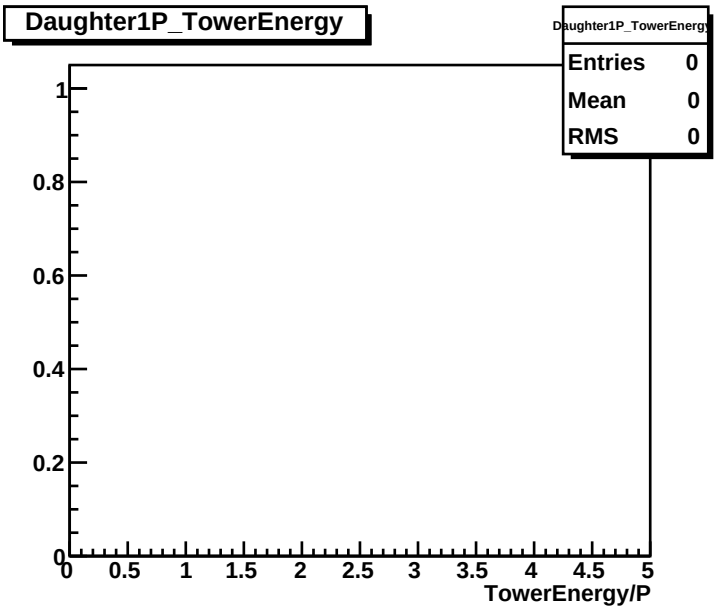

Emc_towerEnergy
Emc_towerEnergy
Entries 132833
Mean 0.7622
RMS 0.3348
TowerEnergy

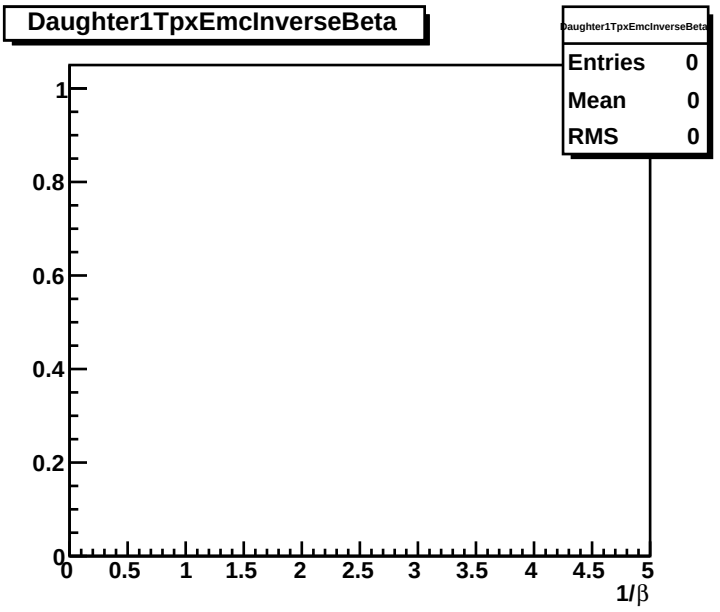

Emc_towerDaqId
Emc_towerDaqId
Entries 132833
Mean 2665
RMS 1381
TowerDaqId

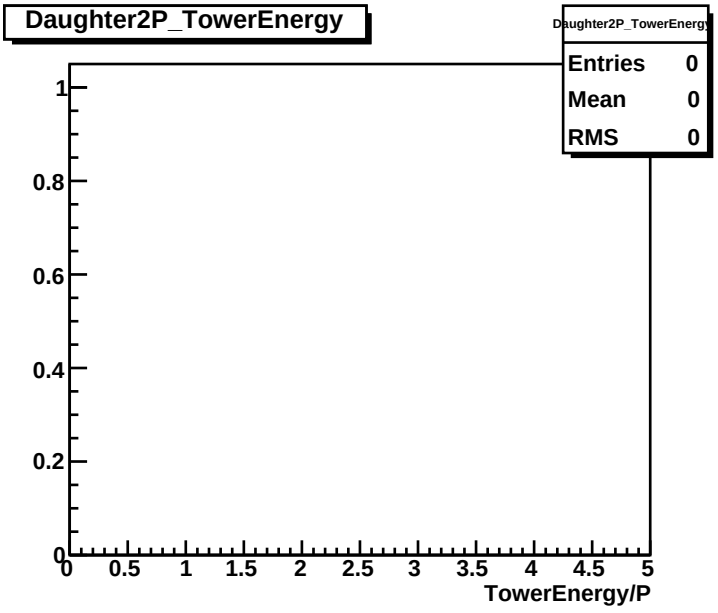

Emc_towerSoftId
Emc_towerSoftId
Entries 132833
Mean 2370
RMS 1384
TowerSoftId

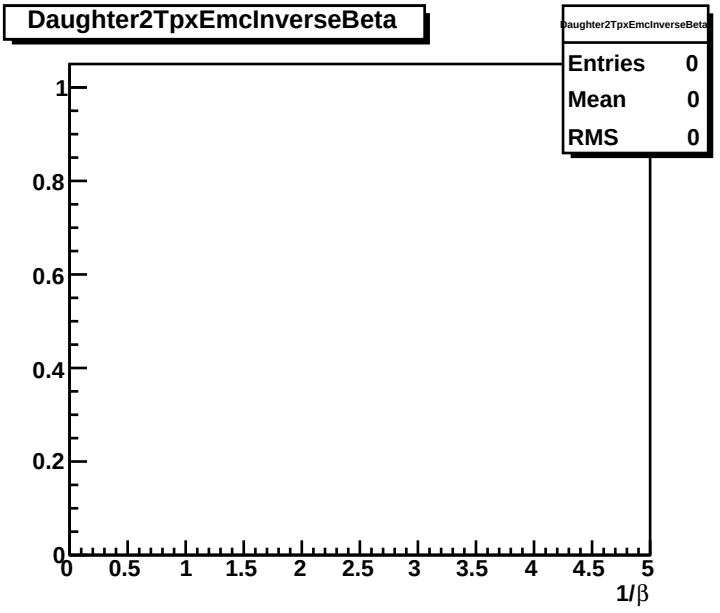

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

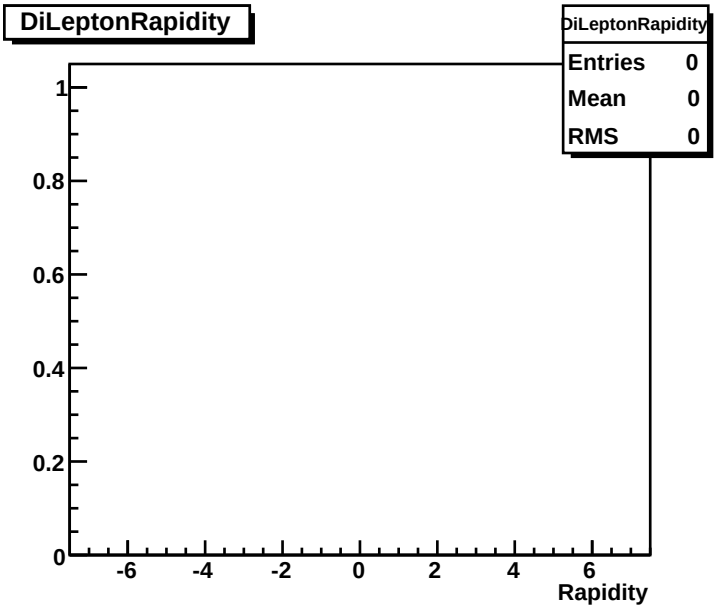

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 132833
Mean x -0.05037
Mean y -0.007313
RMS x 1.798
RMS y 0.626
η
ϕ

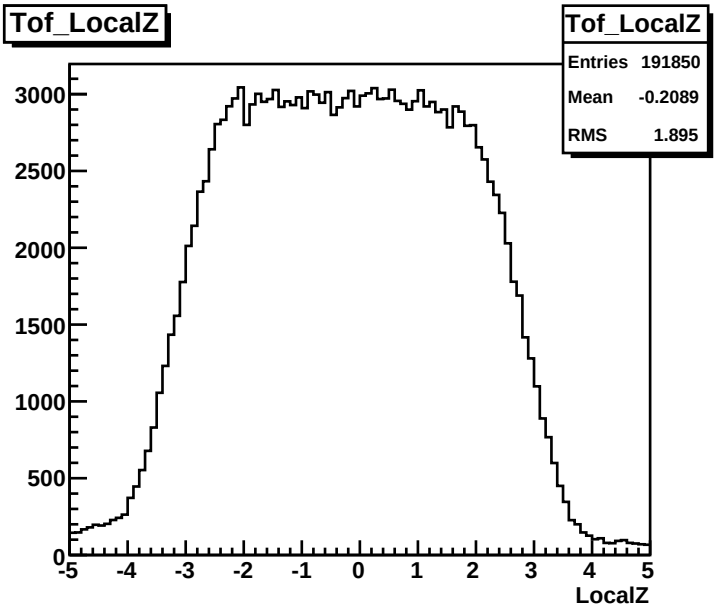

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

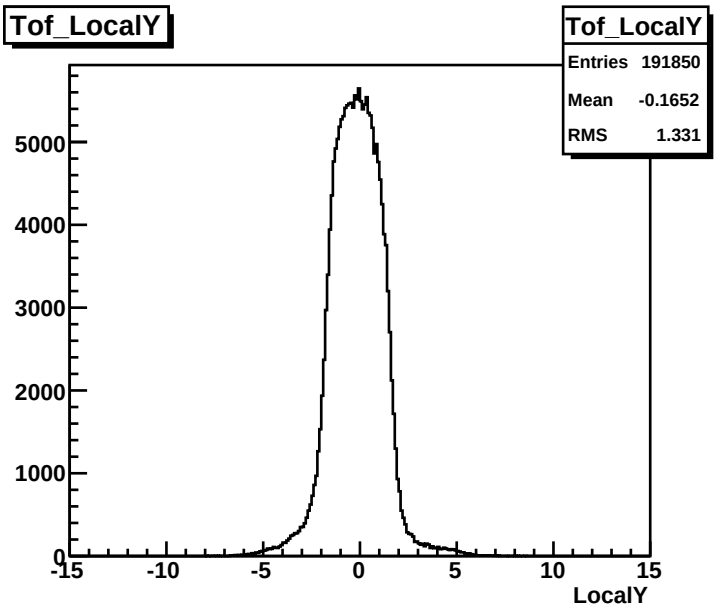

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

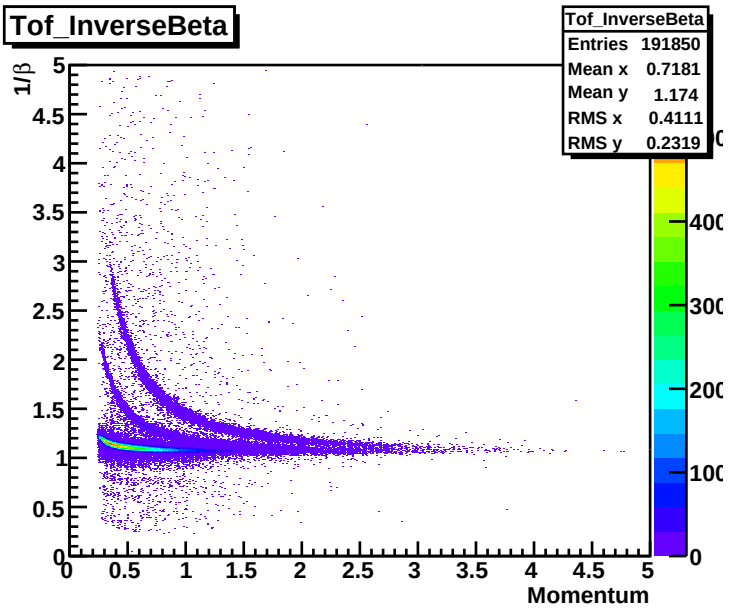

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

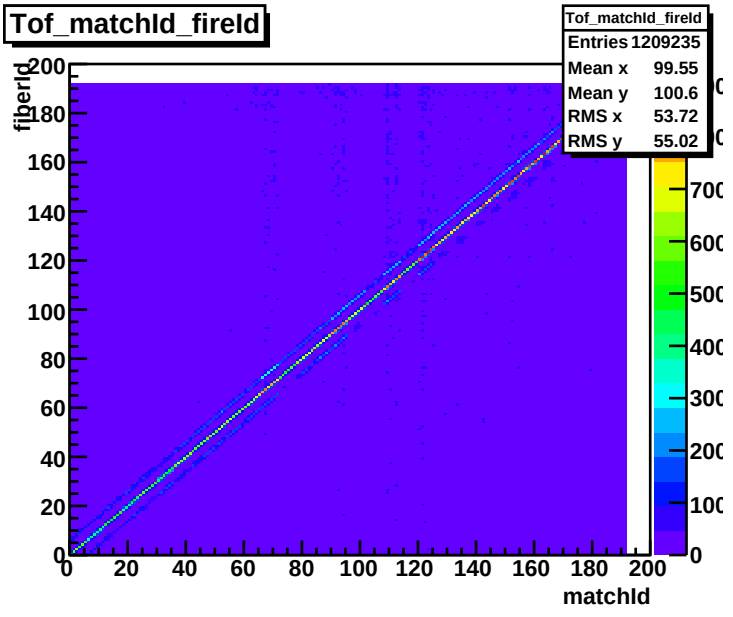

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

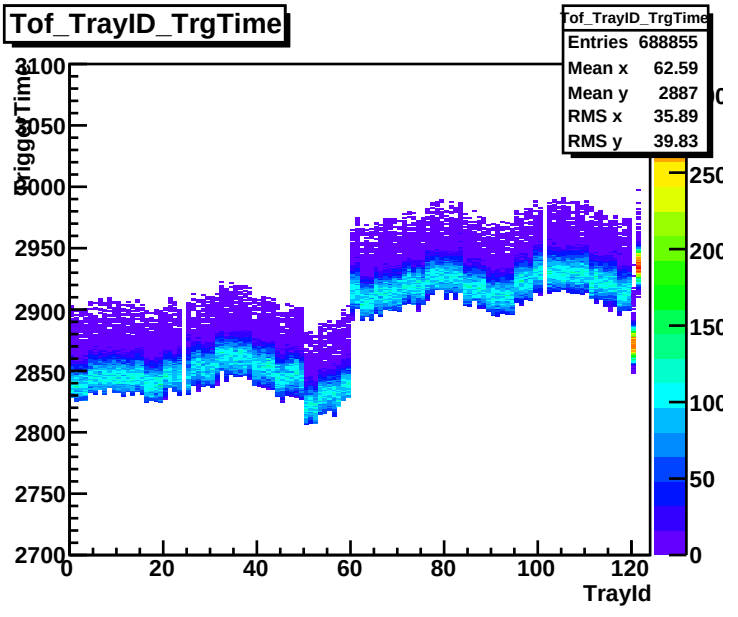

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

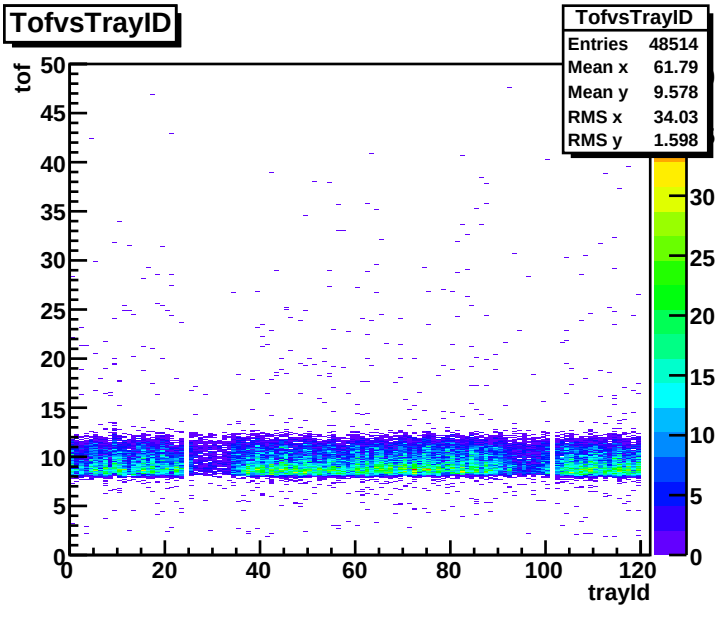

Tof_LocalZ
Tof_LocalZ
Entries 191850
Mean -0.2089
RMS 1.895
LocalZ

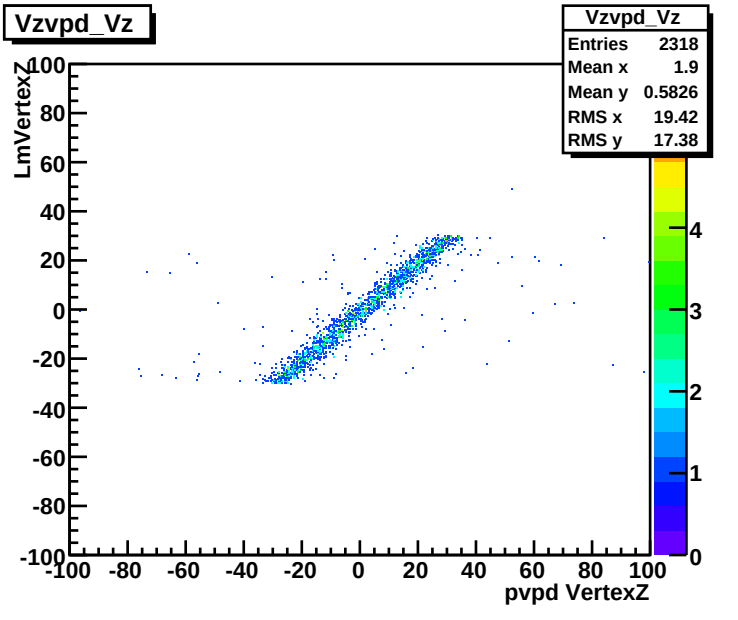

Tof_LocalY
Tof_LocalY
Entries 191850
Mean -0.1652
RMS 1.331
LocalY

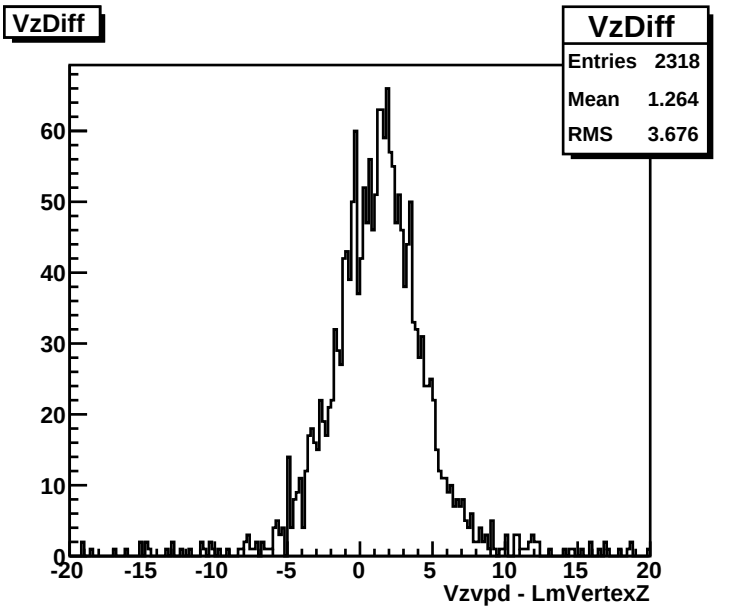

Tof_InverseBeta
Tof_InverseBeta
Entries 191850
Mean x 0.7181
Mean y 1.174
RMS x 0.4111
RMS y 0.2319
1/β
Momentum

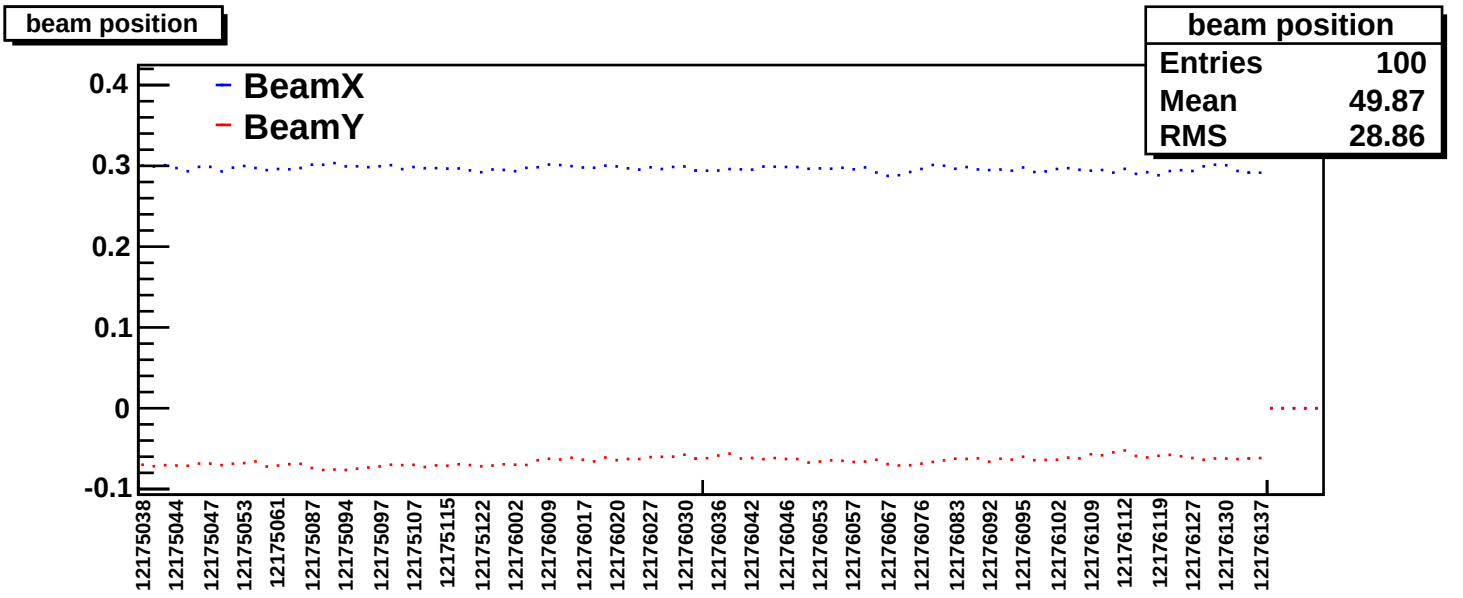

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1209235
Mean x 99.55
Mean y 100.6
RMS x 53.72
RMS y 55.02
fiberId
matchId

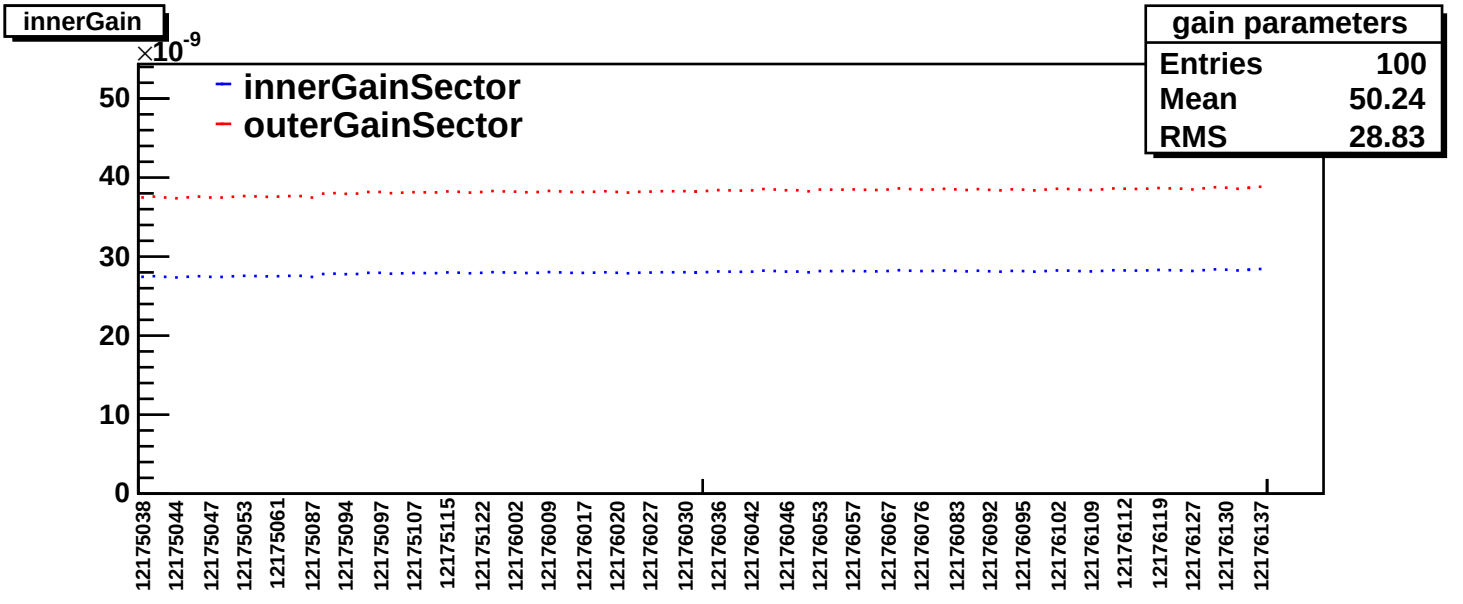

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 688855
Mean x 62.59
Mean y 2887
RMS x 35.89
RMS y 39.83
TrayId

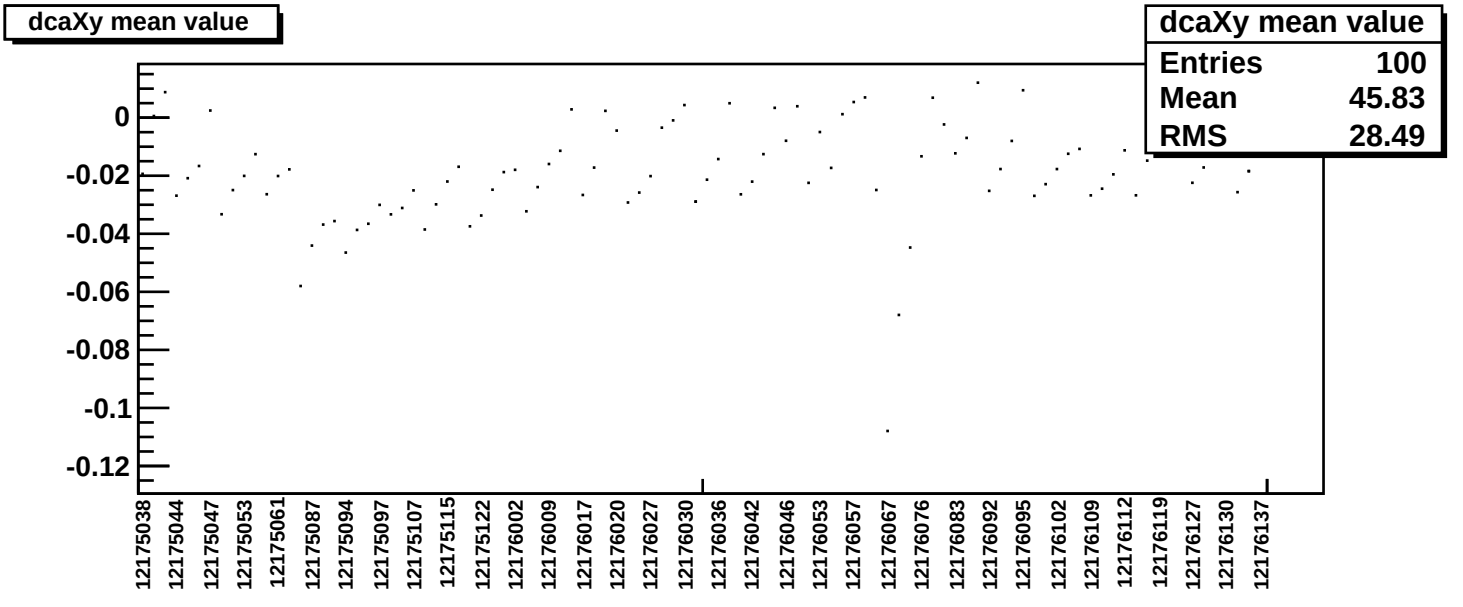

TofvsTrayID
TofvsTrayID
Entries 48514
Mean x 61.79
Mean y 9.578
RMS x 34.03
RMS y 1.598
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 2318
Mean x 1.9
Mean y 0.5826
RMS x 19.42
RMS y 17.38
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 2318
Mean 1.264
RMS 3.676
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 49.87
RMS 28.86
0.4
0.3
0.2
0.1
0
-0.1
12175038 12175044 12175047 12175053 12175061 12175087 12175094 12175097 12175107 12175115 12175122 12176002 12176009 12176017 12176020 12176027 12176030 12176036 12176042 12176046 12176053 12176057 12176067 12176076 12176083 12176092 12176095 12176102 12176109 12176112 12176119 12176127 12176130 12176137


innerGain
×10^-9
innerGainSector
outerGainSector
gain parameters
Entries 100
Mean 50.24
RMS 28.83
50
40
30
20
10
0
12175038 12175044 12175047 12175053 12175061 12175087 12175094 12175097 12175107 12175115 12175122 12176002 12176009 12176017 12176020 12176027 12176030 12176036 12176042 12176046 12176053 12176057 12176067 12176076 12176083 12176092 12176095 12176102 12176109 12176112 12176119 12176127 12176130 12176137


dcaXy mean value
dcaXy mean value
Entries 100
Mean 45.83
RMS 28.49
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
12175038 12175044 12175047 12175053 12175061 12175087 12175094 12175097 12175107 12175115 12175122 12176002 12176009 12176017 12176020 12176027 12176030 12176036 12176042 12176046 12176053 12176057 12176067 12176076 12176083 12176092 12176095 12176102 12176109 12176112 12176119 12176127 12176130 12176137