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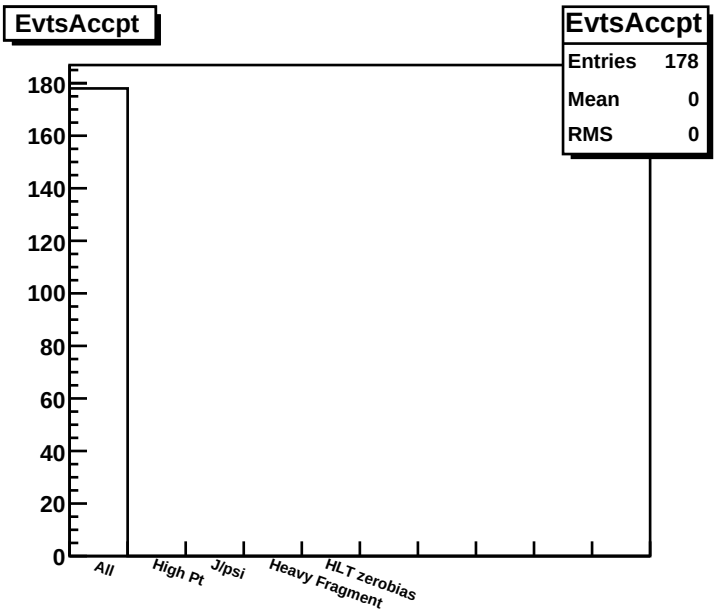
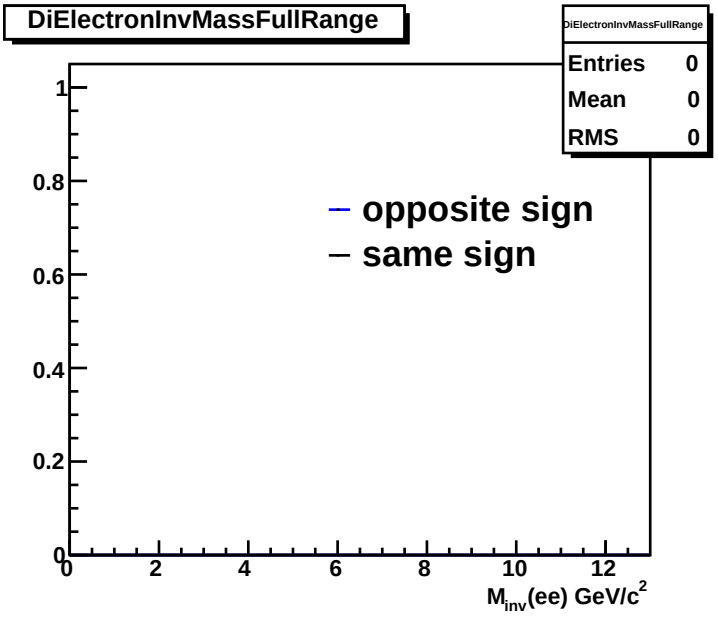
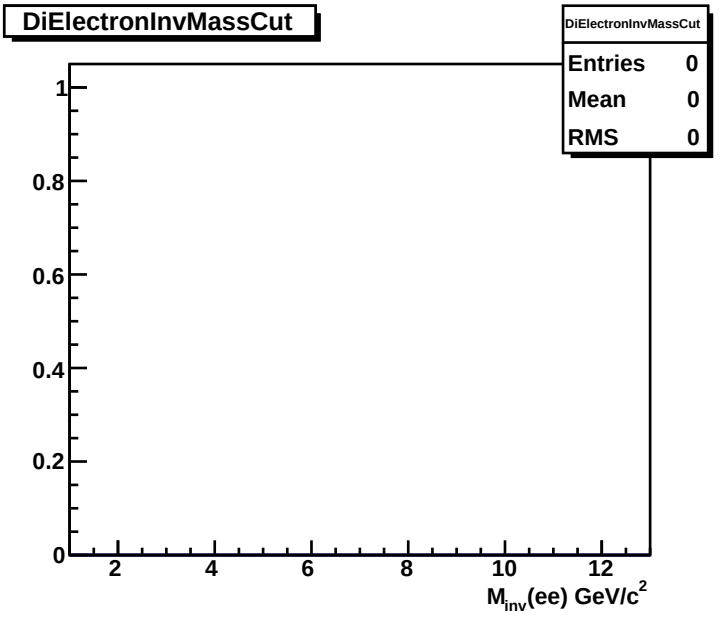
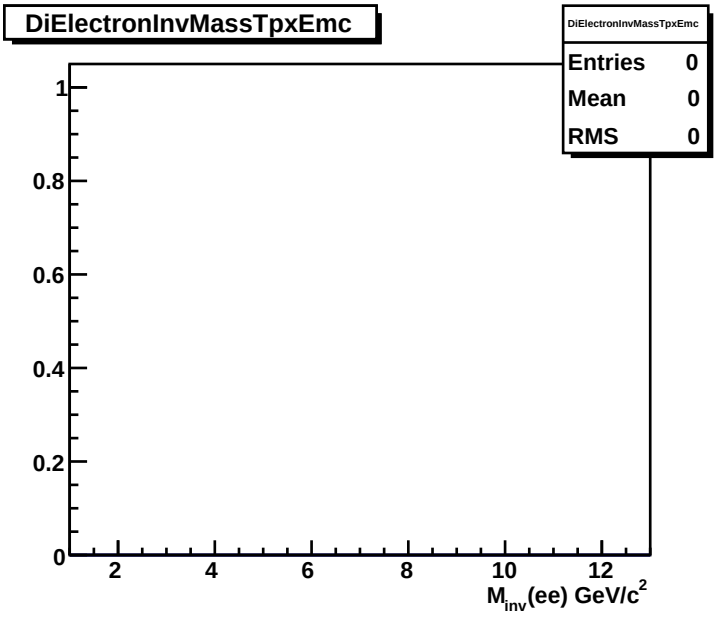
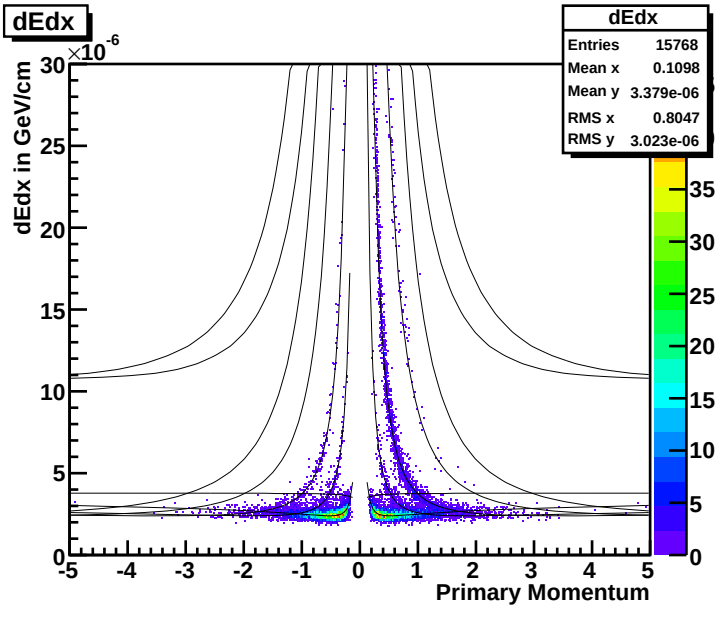
Mon Jun 27 19:55:59 2011

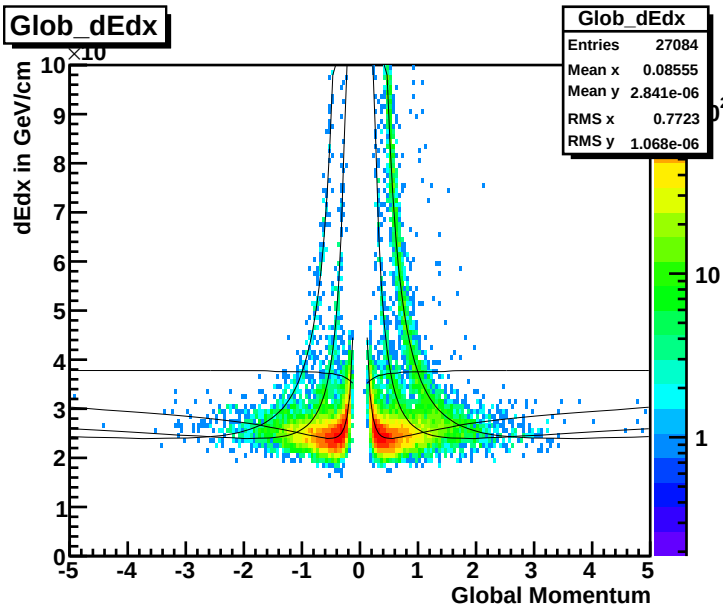


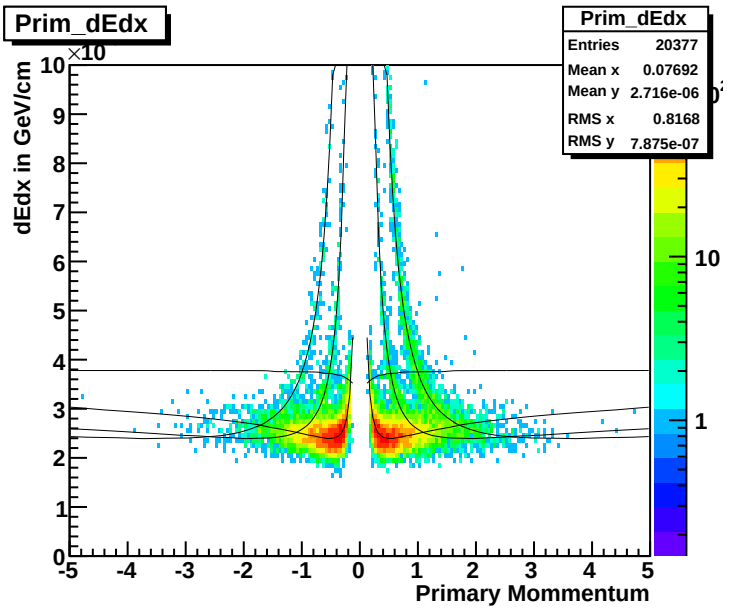



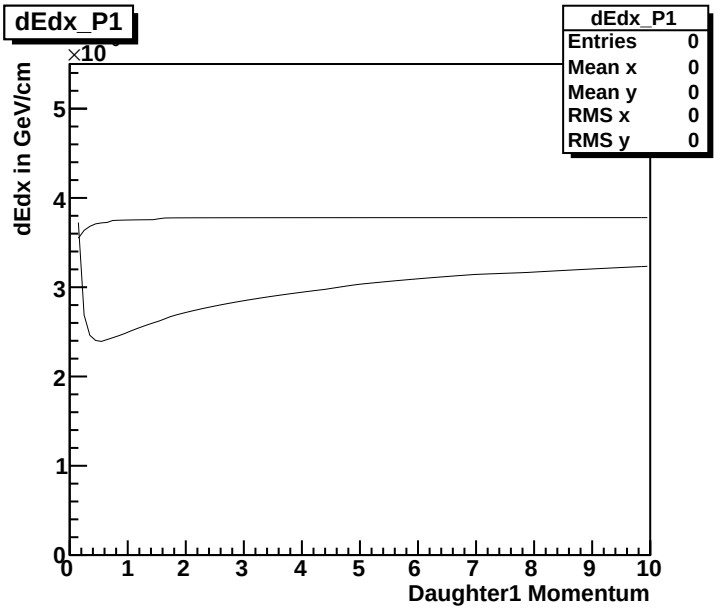



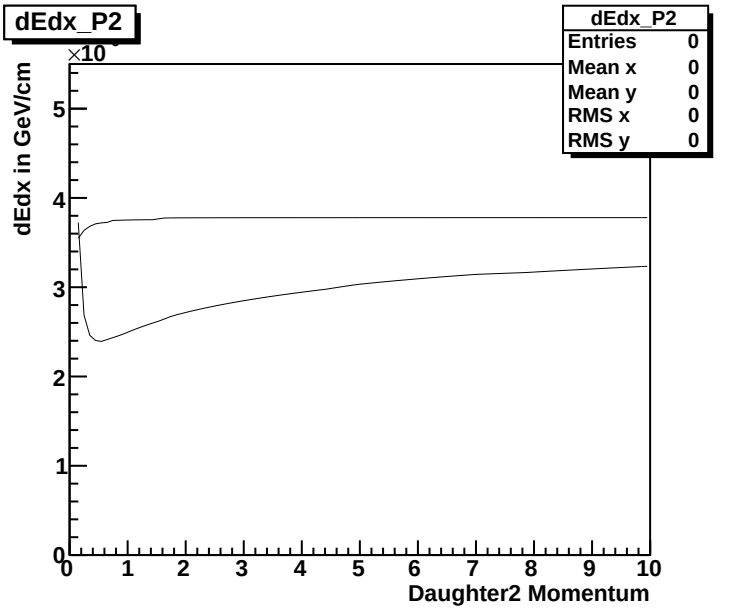



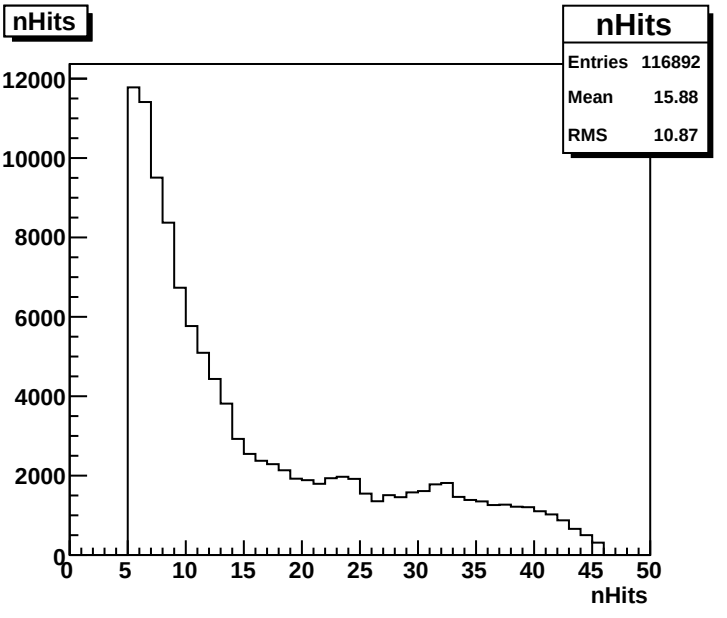



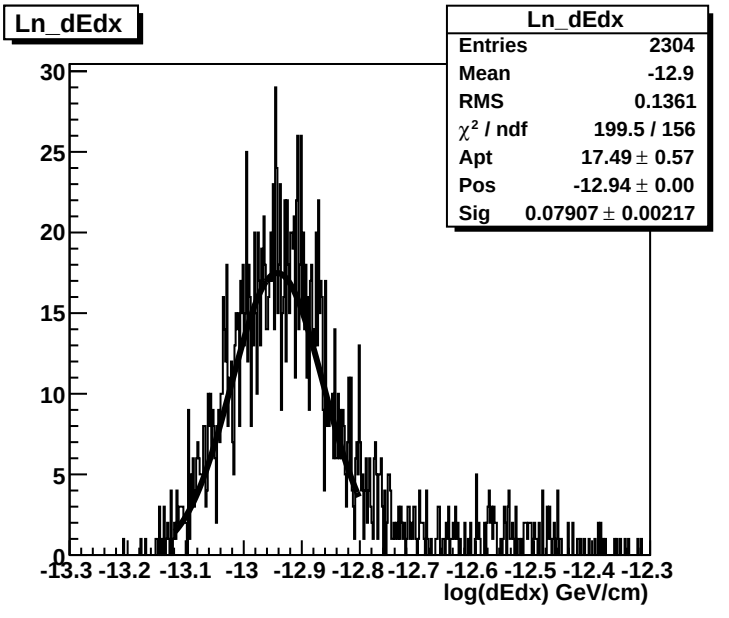

Glob_dEdx
Glob_dEdx
Entries 27084
Mean x 0.08555
Mean y 2.841e-06
RMS x 0.7723
RMS y 1.068e-06
dEdx in GeV/cm
Global Momentum

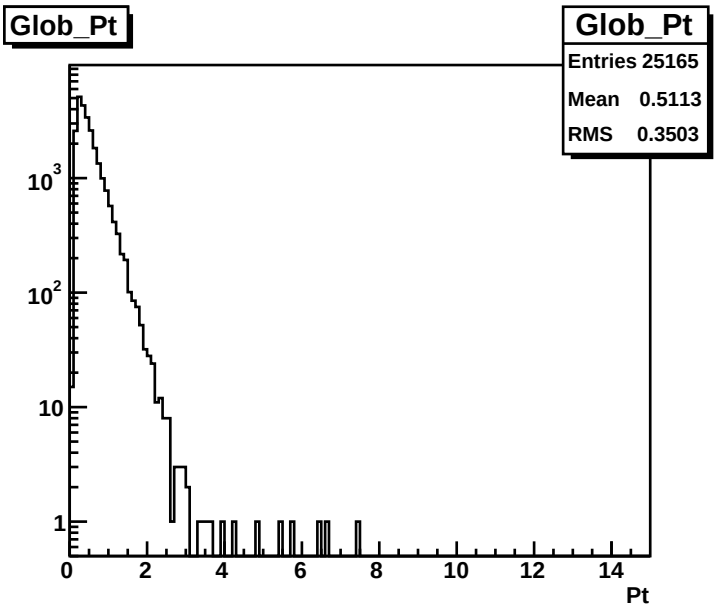

Prim_dEdx
Prim_dEdx
Entries 20377
Mean x 0.07692
Mean y 2.716e-06
RMS x 0.8168
RMS y 7.875e-07
dEdx in GeV/cm
Primary Mommentum

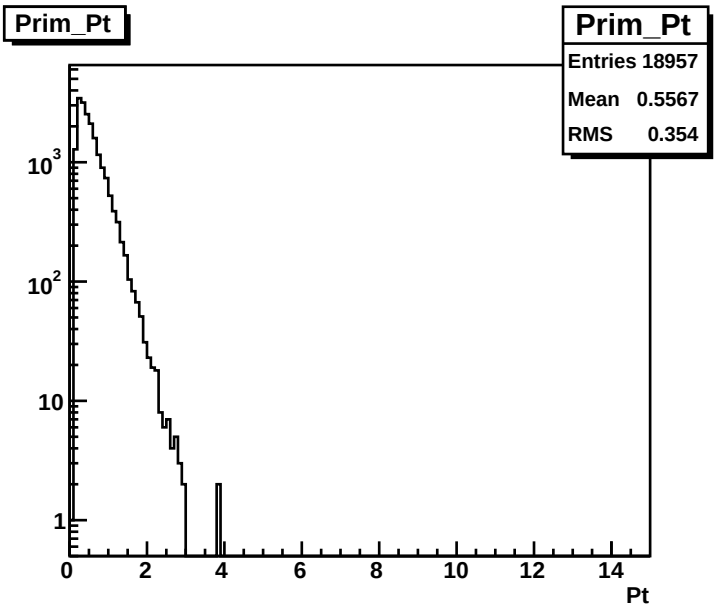

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

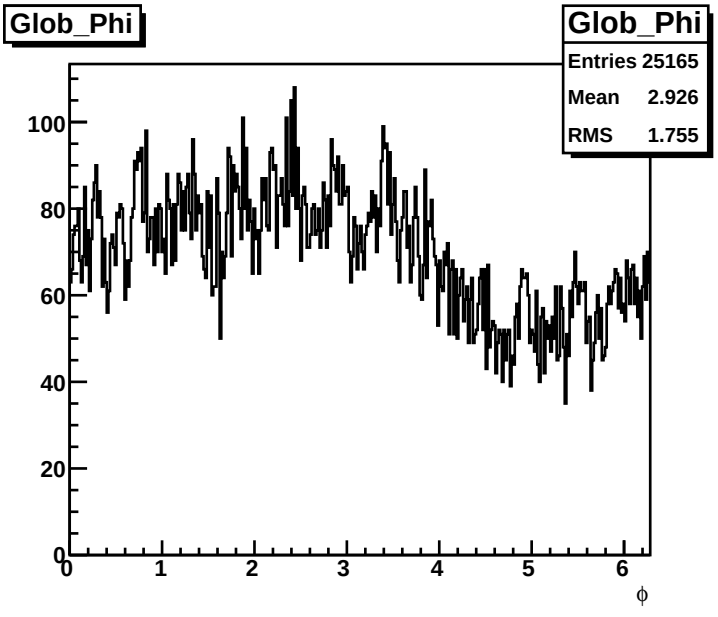

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

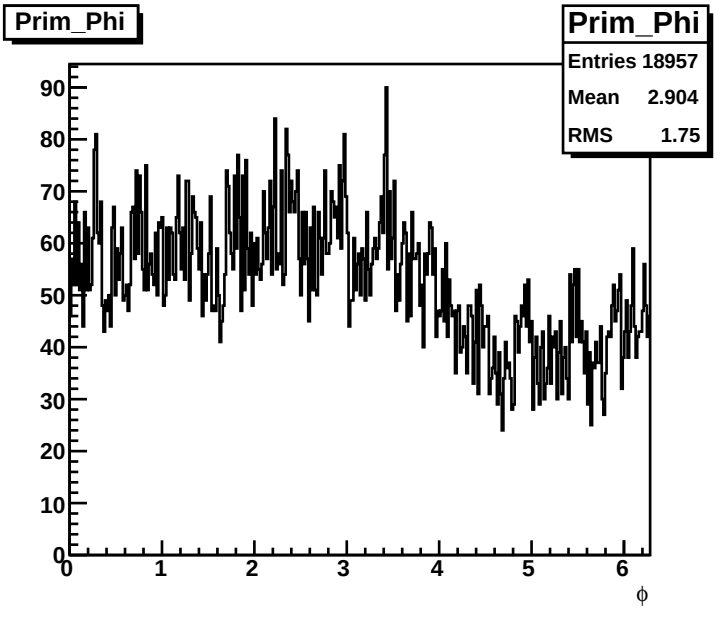

nHits
nHits
Entries 116892
Mean 15.88
RMS 10.87
nHits

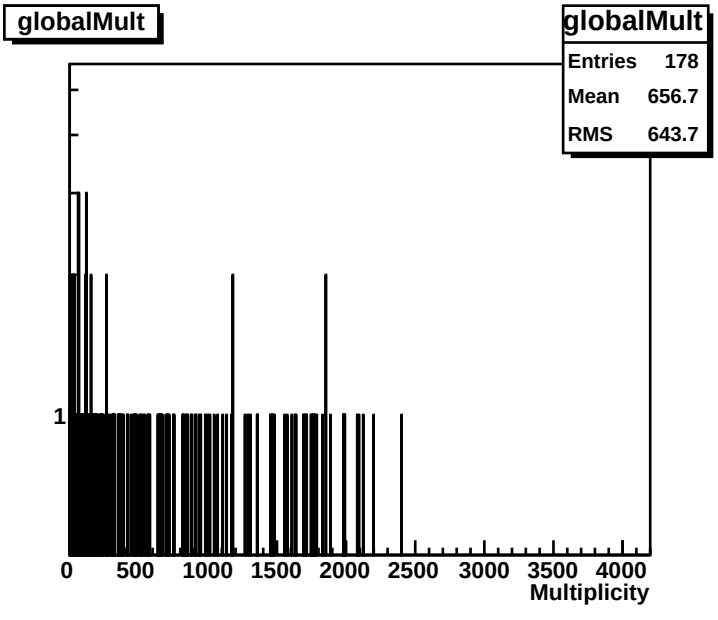

Ln_dEdx
Ln_dEdx
Entries 2304
Mean -12.9
RMS 0.1361
χ² / ndf 199.5 / 156
Apt 17.49 ± 0.57
Pos -12.94 ± 0.00
Sig 0.07907 ± 0.00217
log(dEdx) GeV/cm)

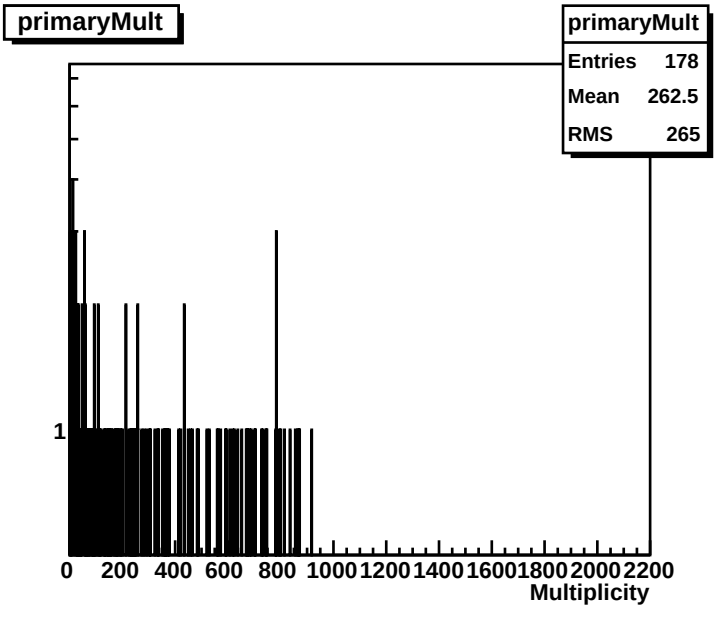

Glob_Pt
Glob_Pt
Entries 25165
Mean 0.5113
RMS 0.3503
Pt

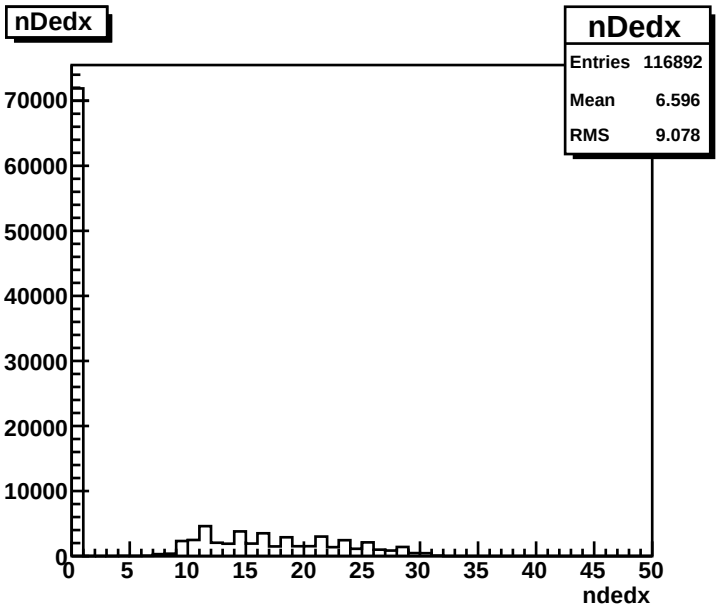

Prim_Pt
Prim_Pt
Entries 18957
Mean 0.5567
RMS 0.354
Pt

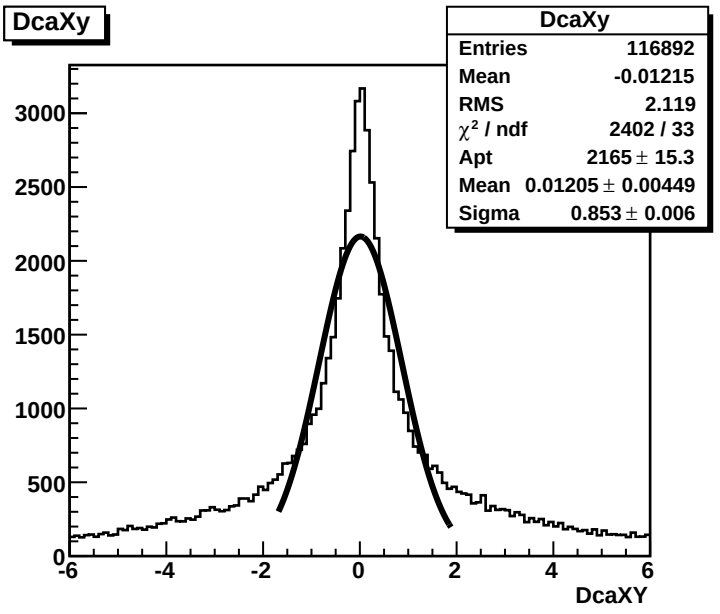

Glob_Phi
Glob_Phi
Entries 25165
Mean 2.926
RMS 1.755
ϕ

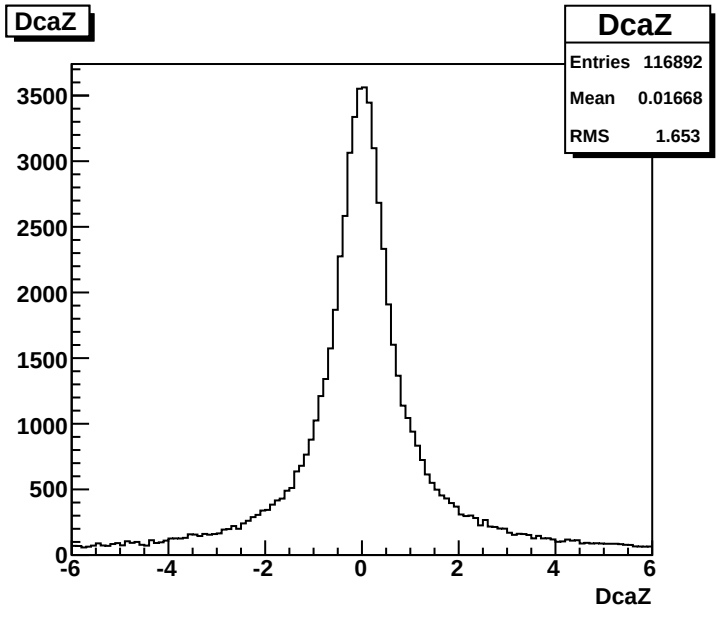

Prim_Phi
Prim_Phi
Entries 18957
Mean 2.904
RMS 1.75
ϕ

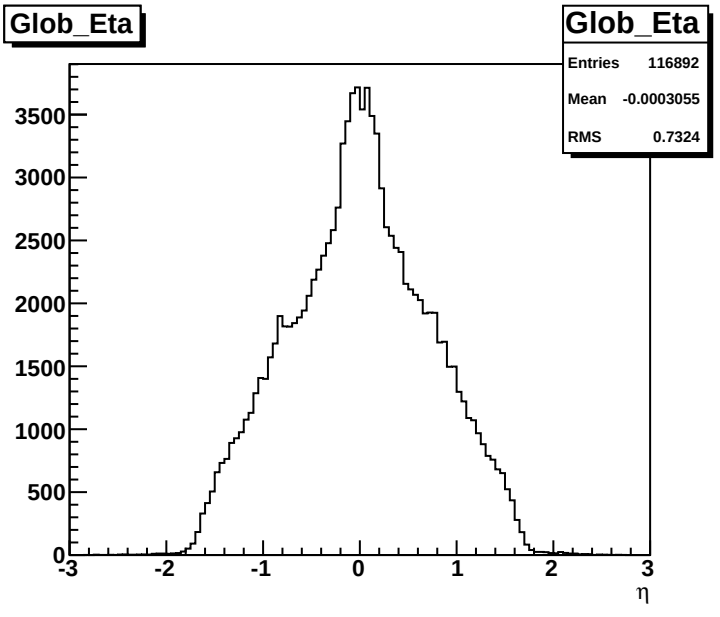

globalMult
globalMult
Entries 178
Mean 656.7
RMS 643.7
Multiplicity

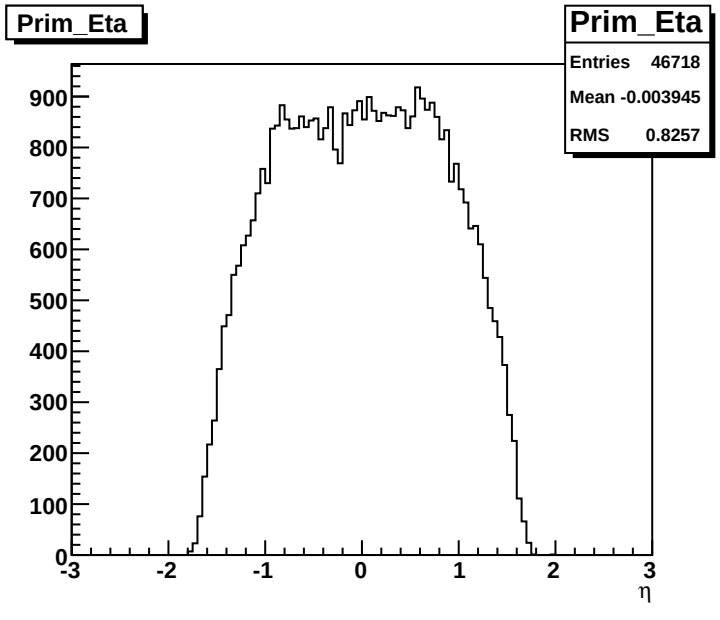

primaryMult
primaryMult
Entries 178
Mean 262.5
RMS 265
Multiplicity

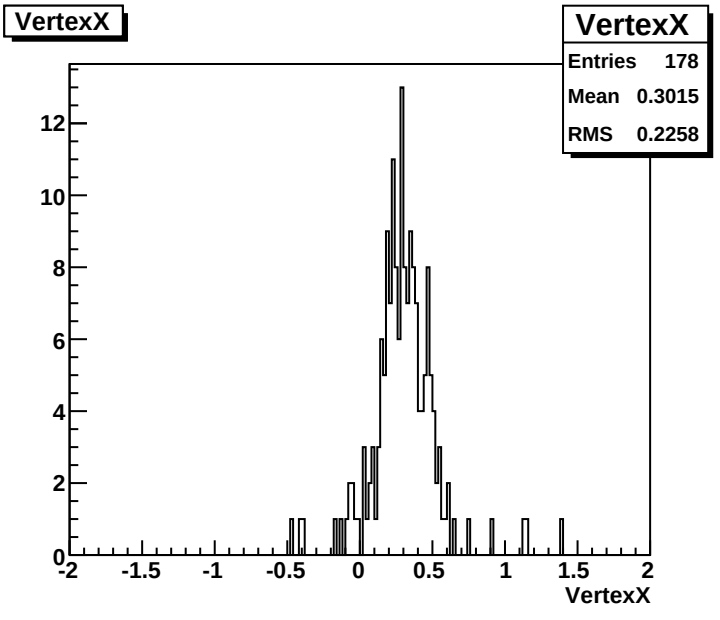

nDedx
nDedx
Entries 116892
Mean 6.596
RMS 9.078
ndedx

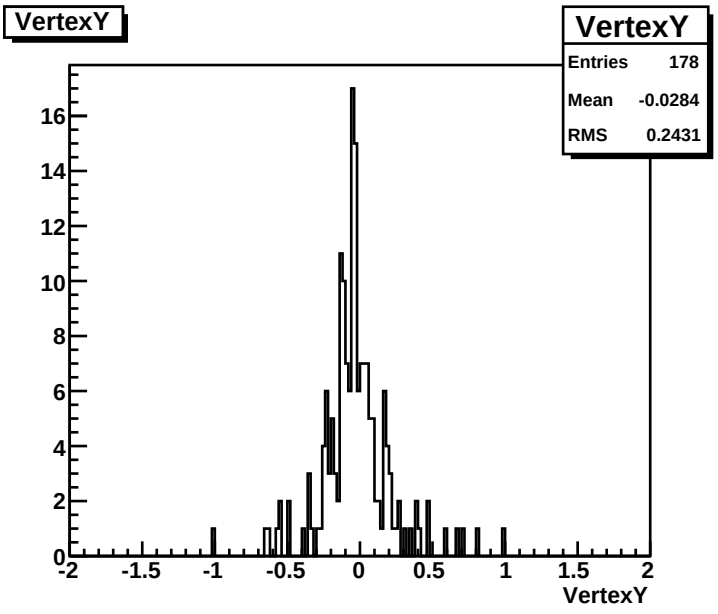

DcaXy
DcaXy
Entries 116892
Mean -0.01215
RMS 2.119
χ² / ndf 2402 / 33
Apt 2165 ± 15.3
Mean 0.01205 ± 0.00449
Sigma 0.853 ± 0.006
DcaXY

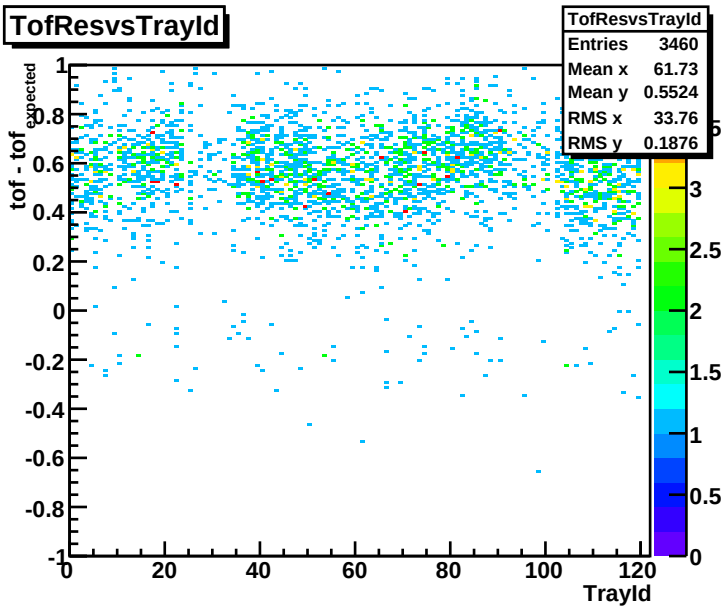

DcaZ
DcaZ
Entries 116892
Mean 0.01668
RMS 1.653
DcaZ

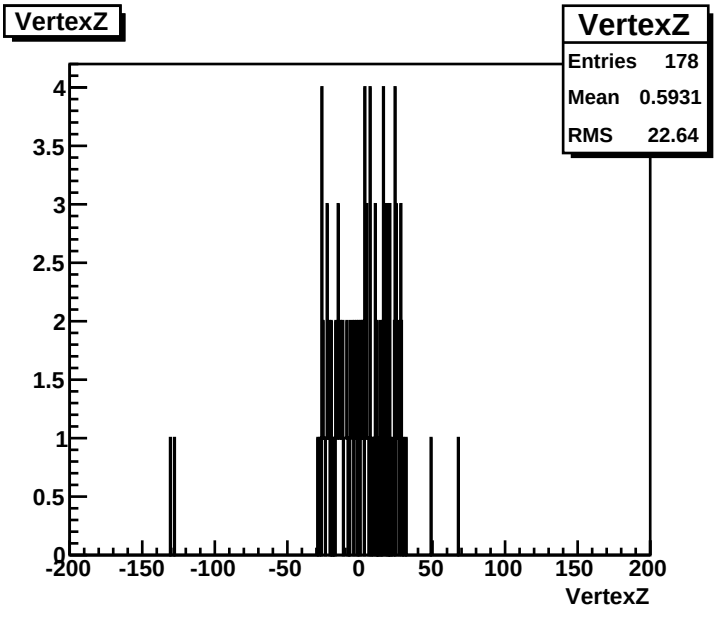

Glob_Eta
Glob_Eta
Entries 116892
Mean -0.0003055
RMS 0.7324
η

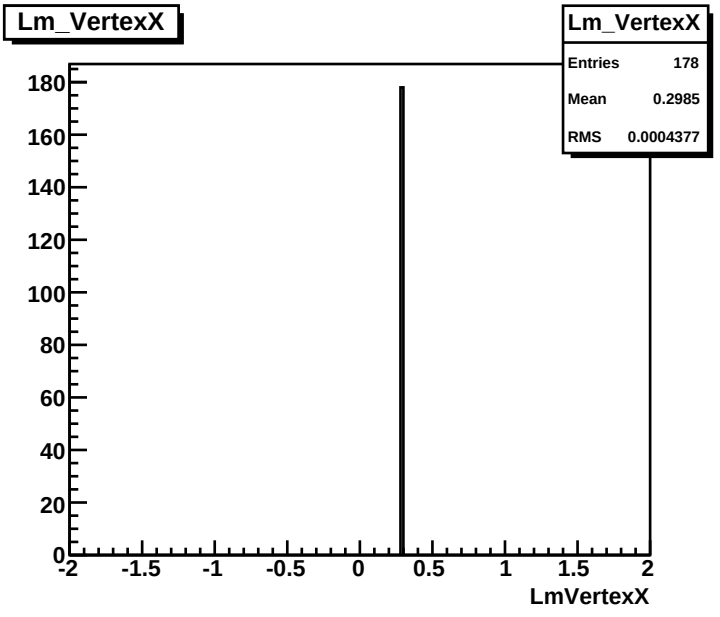

Prim_Eta
Prim_Eta
Entries 46718
Mean -0.003945
RMS 0.8257
η

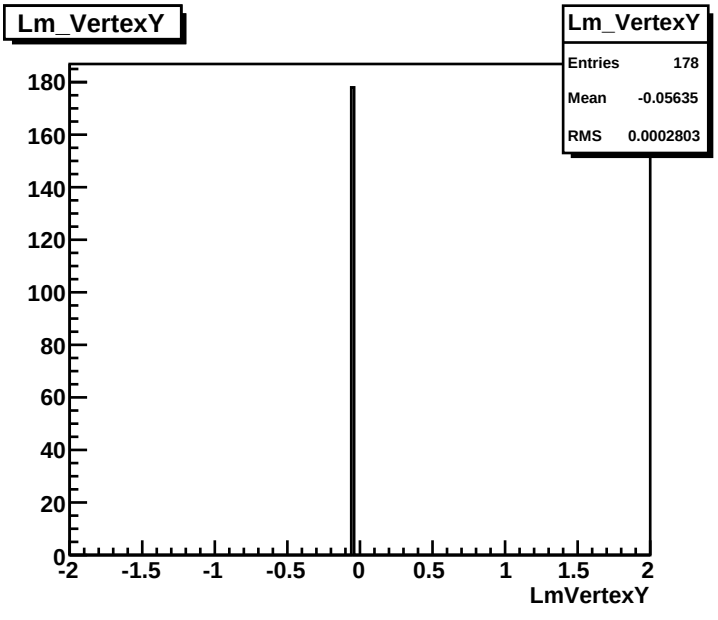

VertexX
VertexX
Entries 178
Mean 0.3015
RMS 0.2258
VertexX

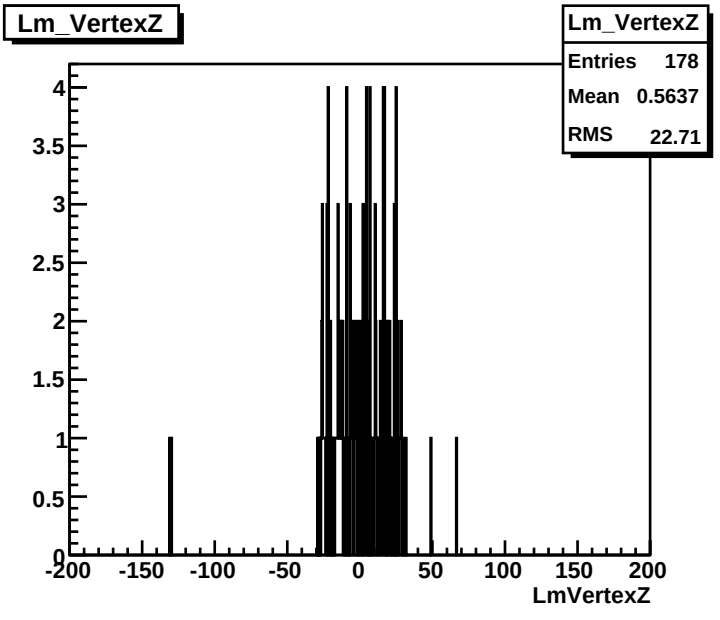

VertexY
VertexY
Entries 178
Mean -0.0284
RMS 0.2431
VertexY

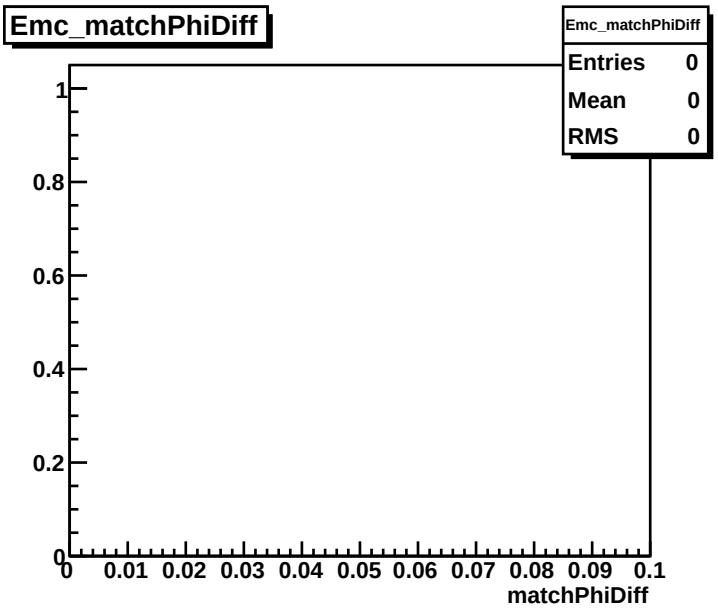

TofResvsTrayId
TofResvsTrayId
Entries 3460
Mean x 61.73
Mean y 0.5524
RMS x 33.76
RMS y 0.1876
tof - tof expected
TrayId

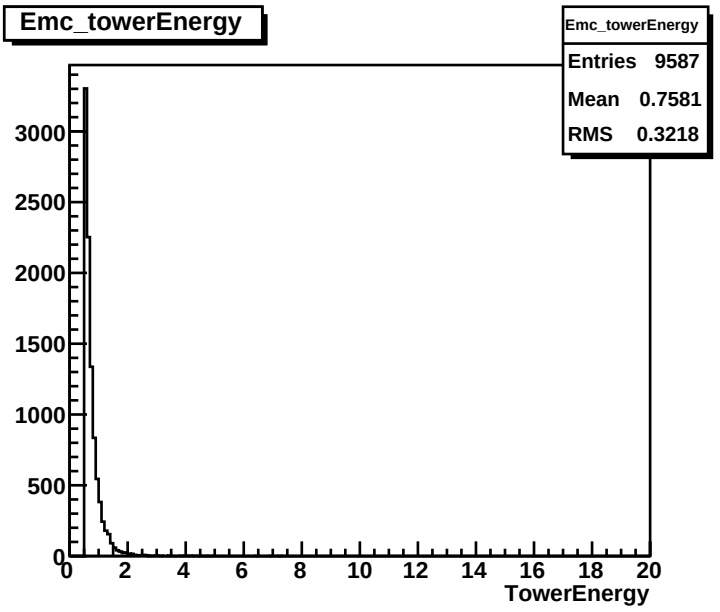

VertexZ
VertexZ
Entries 178
Mean 0.5931
RMS 22.64
VertexZ

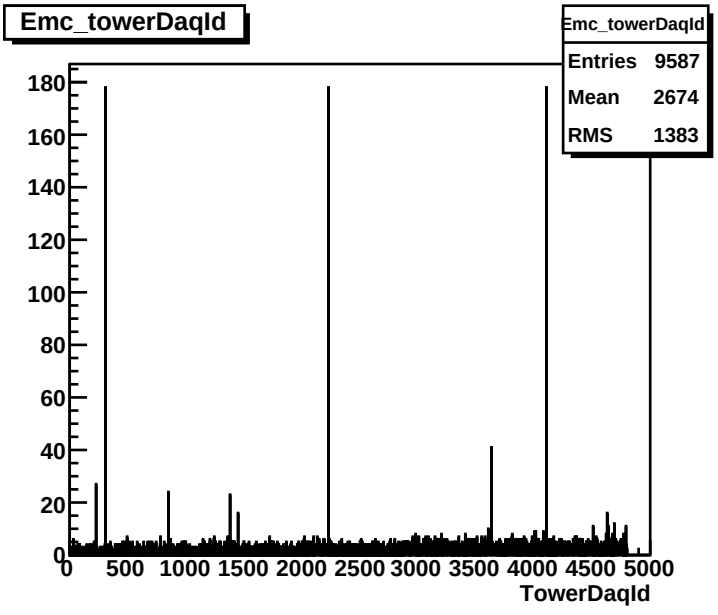

Lm_VertexX
Lm_VertexX
Entries 178
Mean 0.2985
RMS 0.0004377
LmVertexX

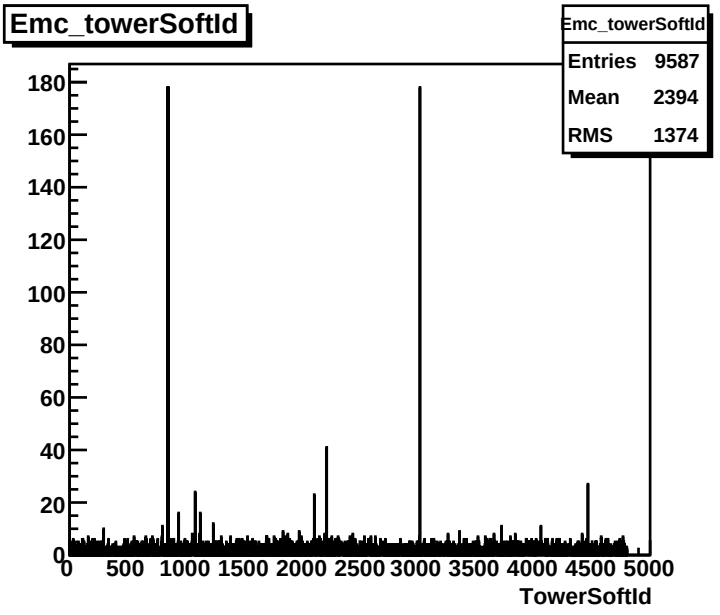

Lm_VertexY
Lm_VertexY
Entries 178
Mean -0.05635
RMS 0.0002803
LmVertexY

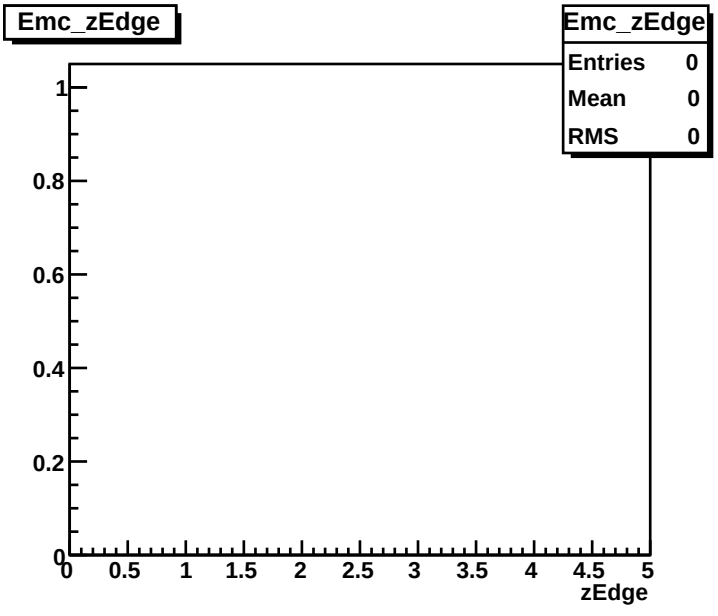

Lm_VertexZ
Lm_VertexZ
Entries 178
Mean 0.5637
RMS 22.71
LmVertexZ

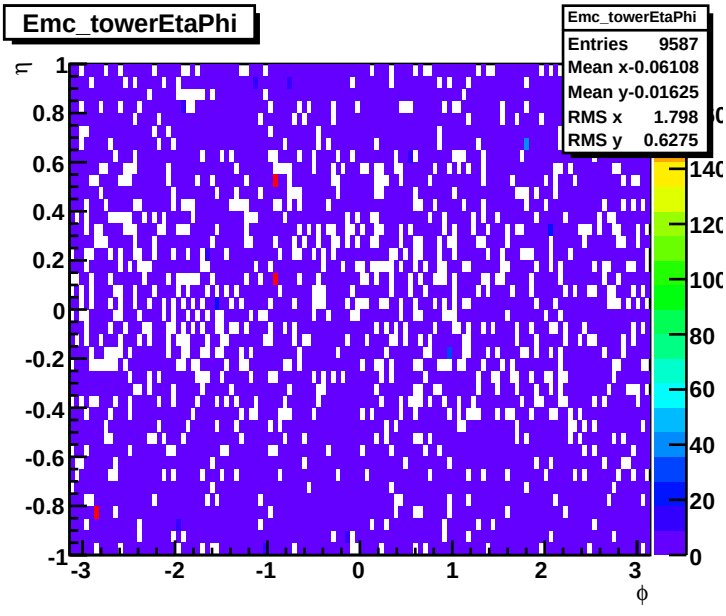

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

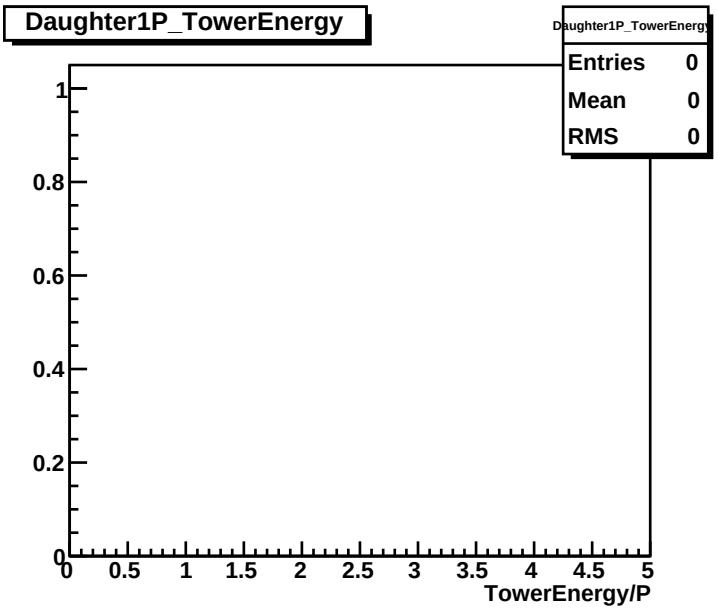

Emc_towerEnergy
Emc_towerEnergy
Entries 9587
Mean 0.7581
RMS 0.3218
TowerEnergy

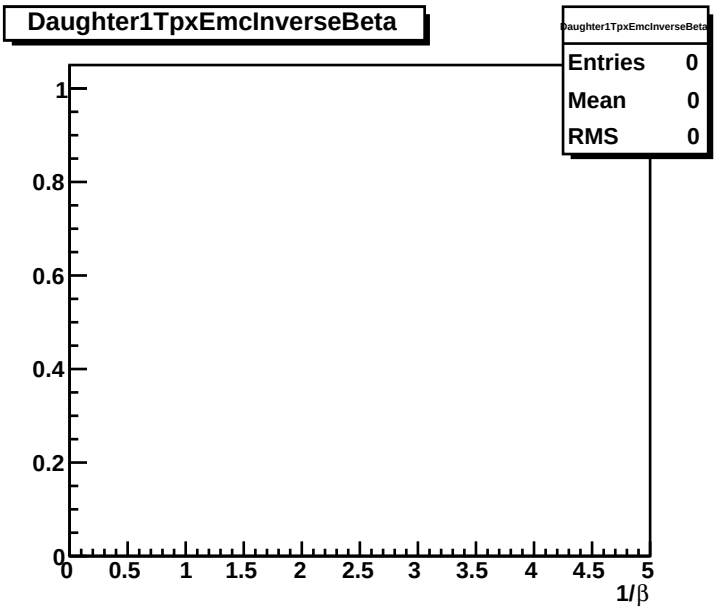

Emc_towerDaqId
Emc_towerDaqId
Entries 9587
Mean 2674
RMS 1383
TowerDaqId

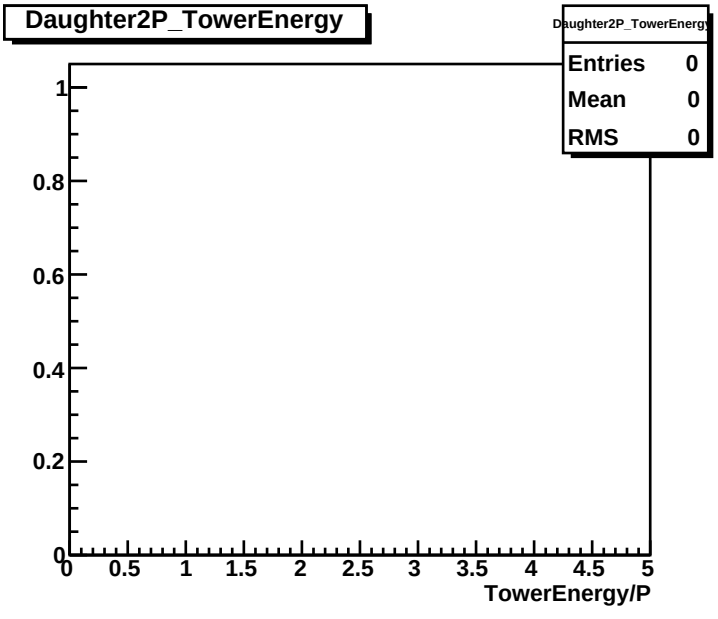

Emc_towerSoftId
Emc_towerSoftId
Entries 9587
Mean 2394
RMS 1374
TowerSoftId

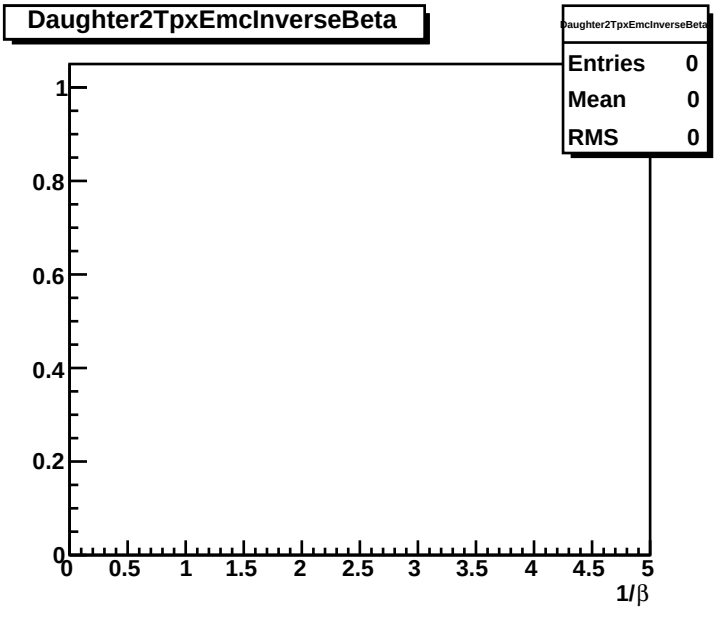

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

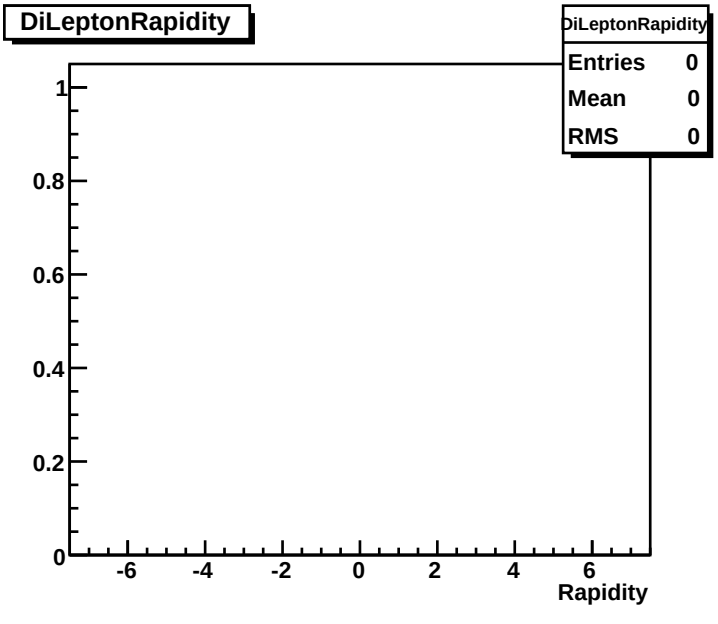

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 9587
Mean x-0.06108
Mean y-0.01625
RMS x 1.798
RMS y 0.6275
η
ϕ

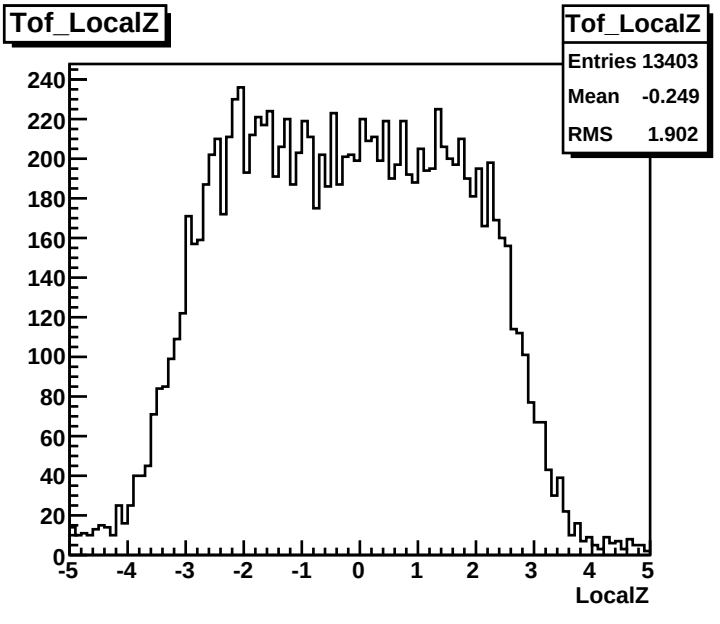

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

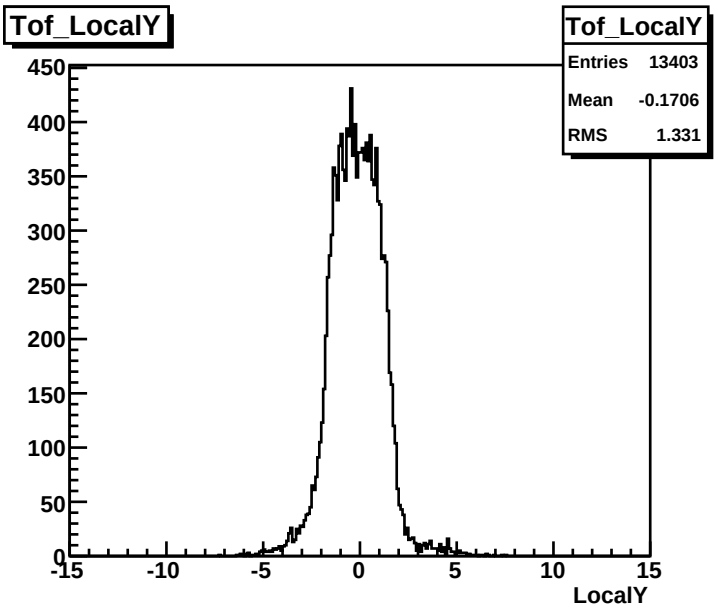

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

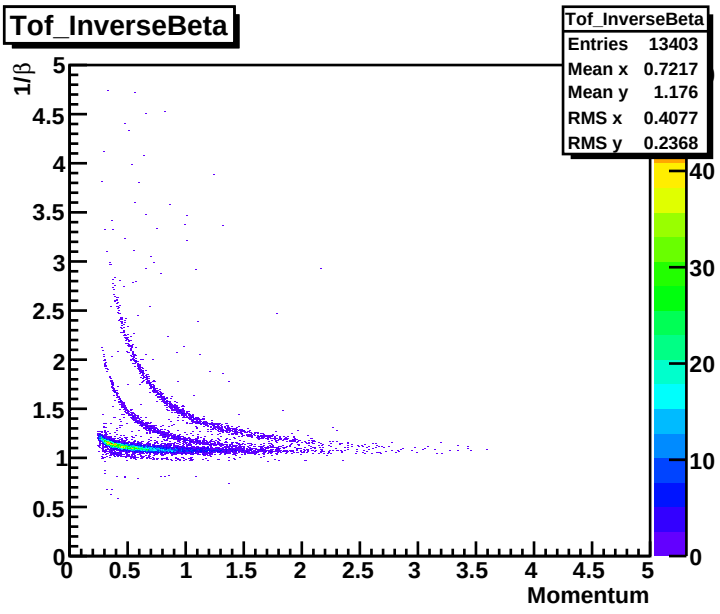

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

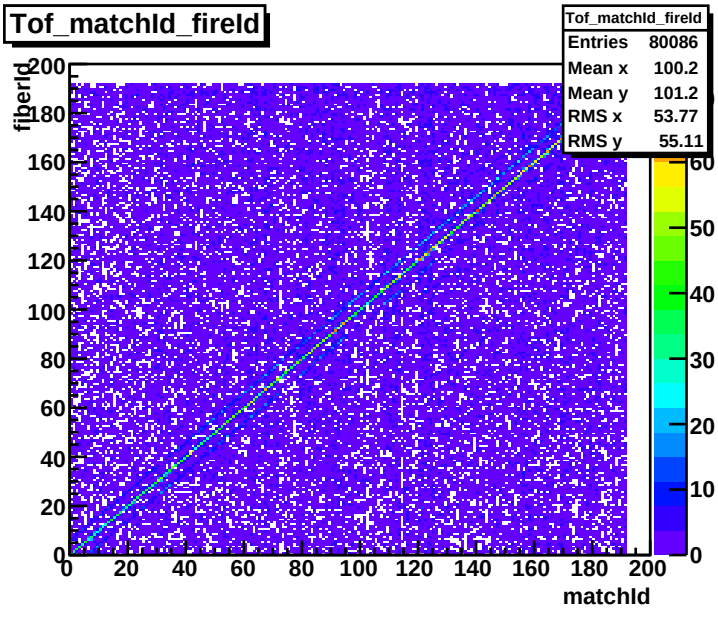

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

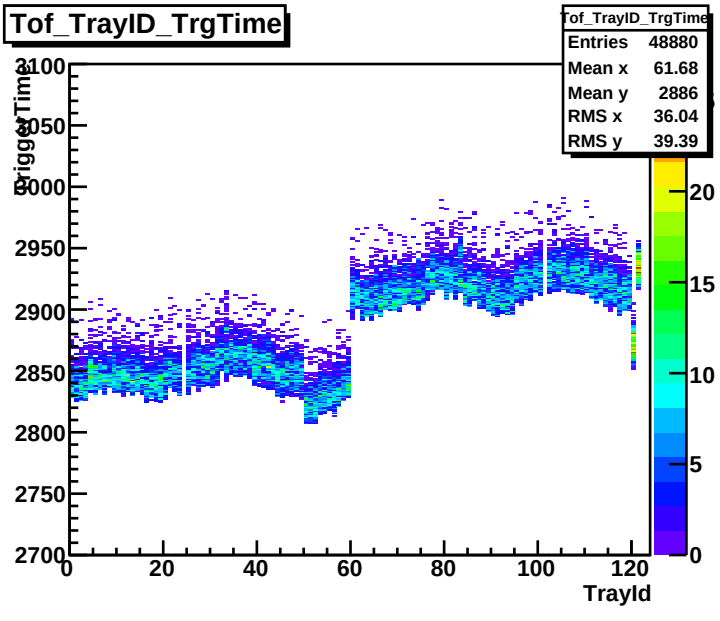

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

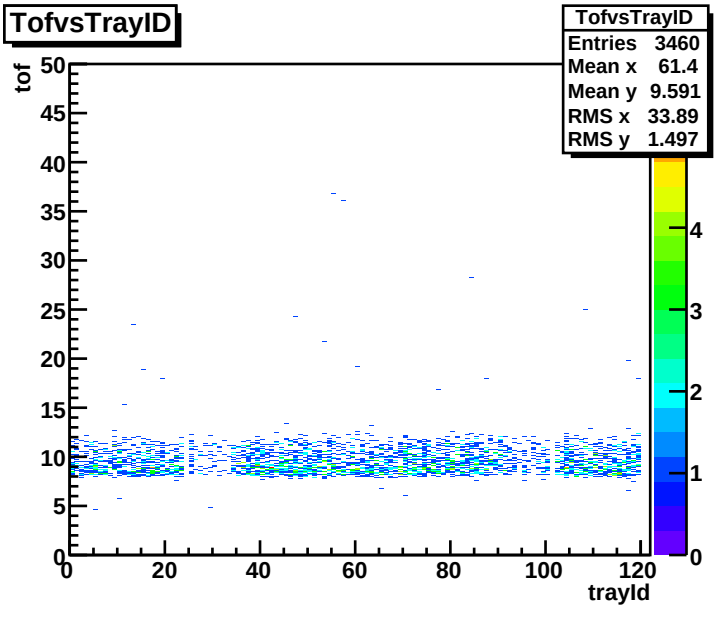

Tof_LocalZ
Tof_LocalZ
Entries 13403
Mean -0.249
RMS 1.902
LocalZ

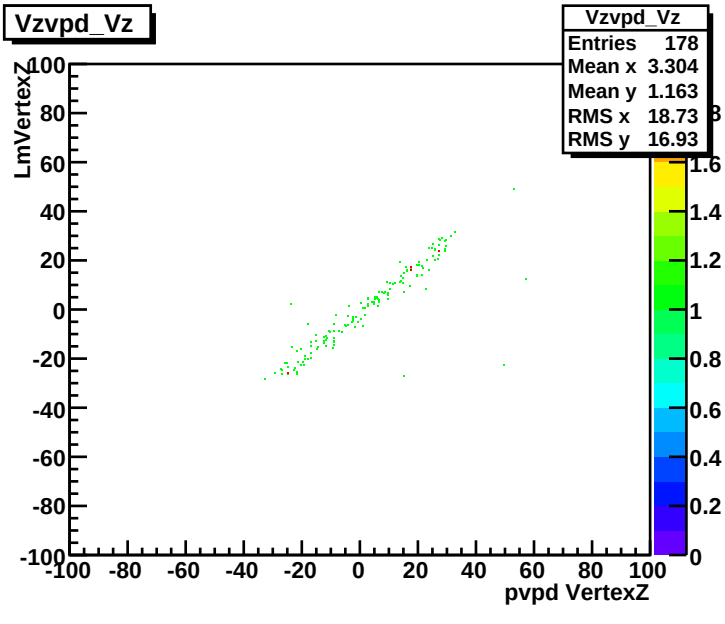

Tof_LocalY
Tof_LocalY
Entries 13403
Mean -0.1706
RMS 1.331
LocalY

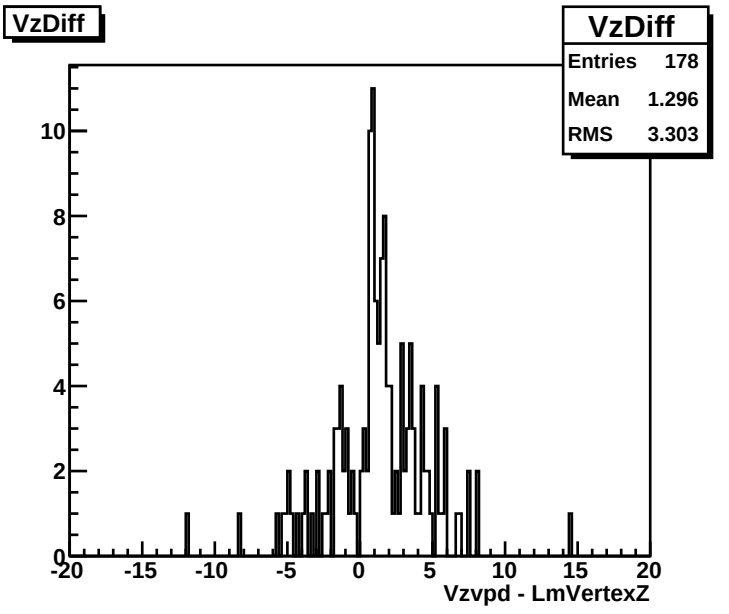

Tof_InverseBeta
Tof_InverseBeta
Entries 13403
Mean x 0.7217
Mean y 1.176
RMS x 0.4077
RMS y 0.2368
1/β
Momentum

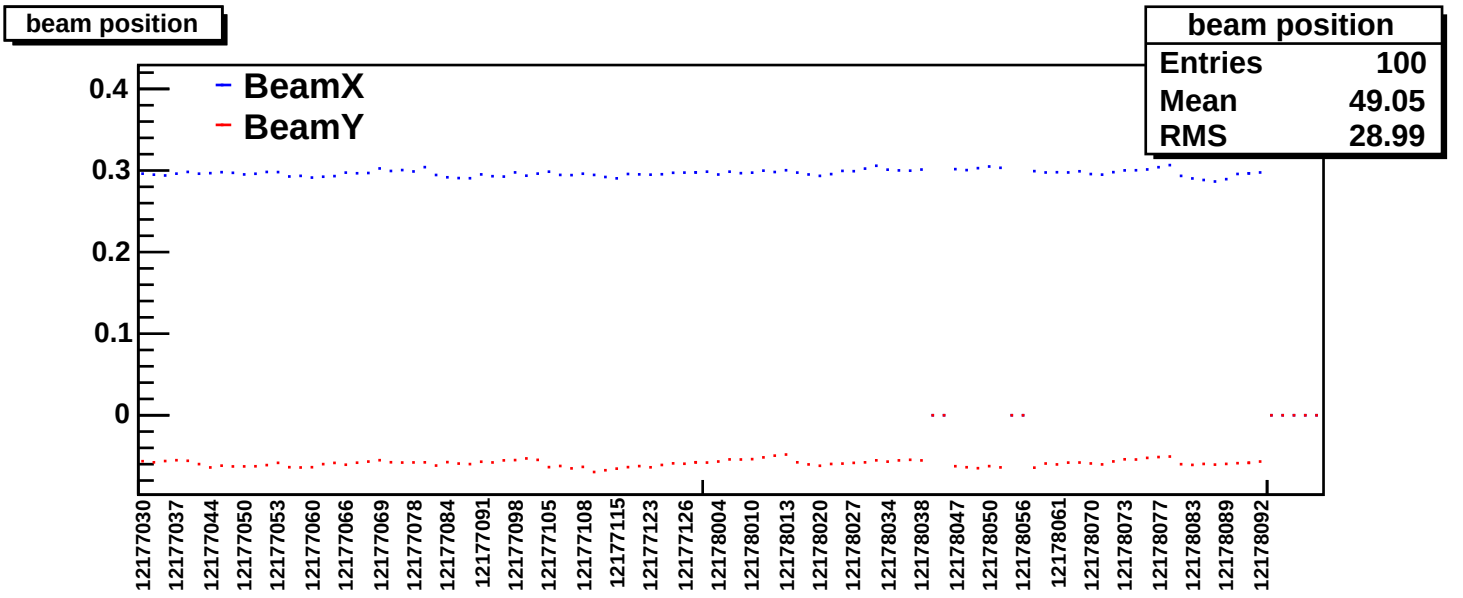

Tof_matchId_fireId
Tof_matchId_fireId
Entries 80086
Mean x 100.2
Mean y 101.2
RMS x 53.77
RMS y 55.11
fiberId
matchId

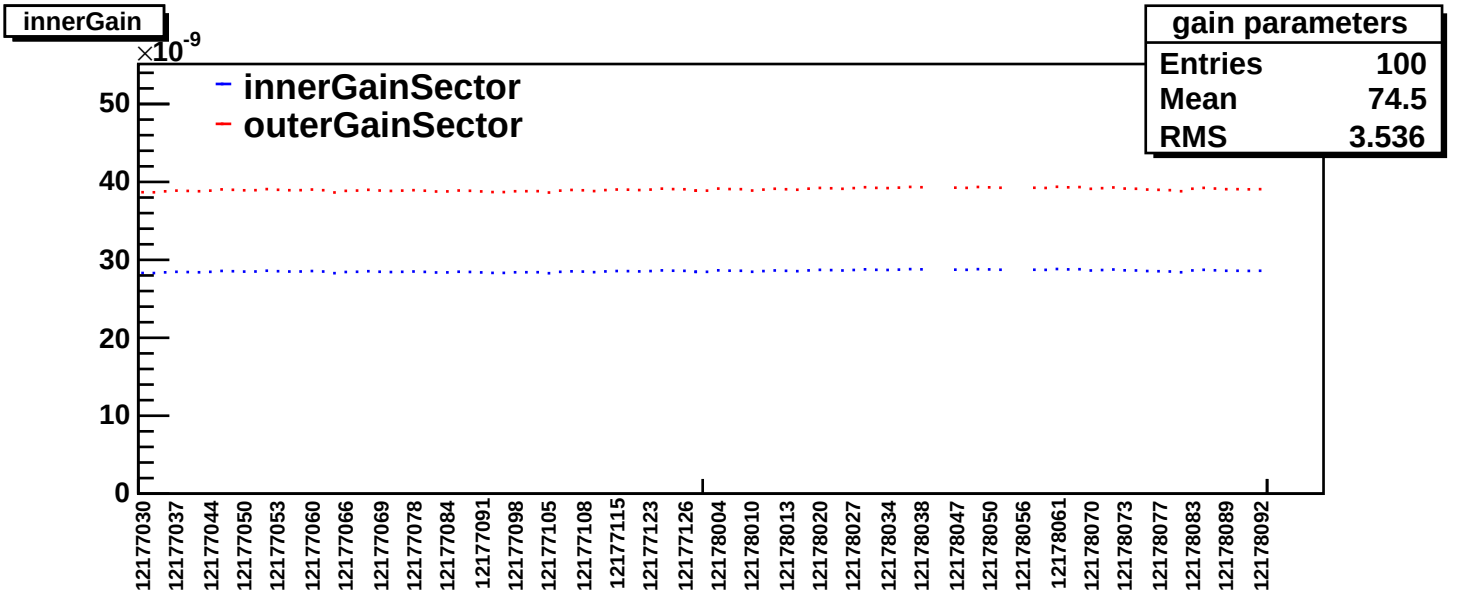

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 48880
Mean x 61.68
Mean y 2886
RMS x 36.04
RMS y 39.39
TrayId

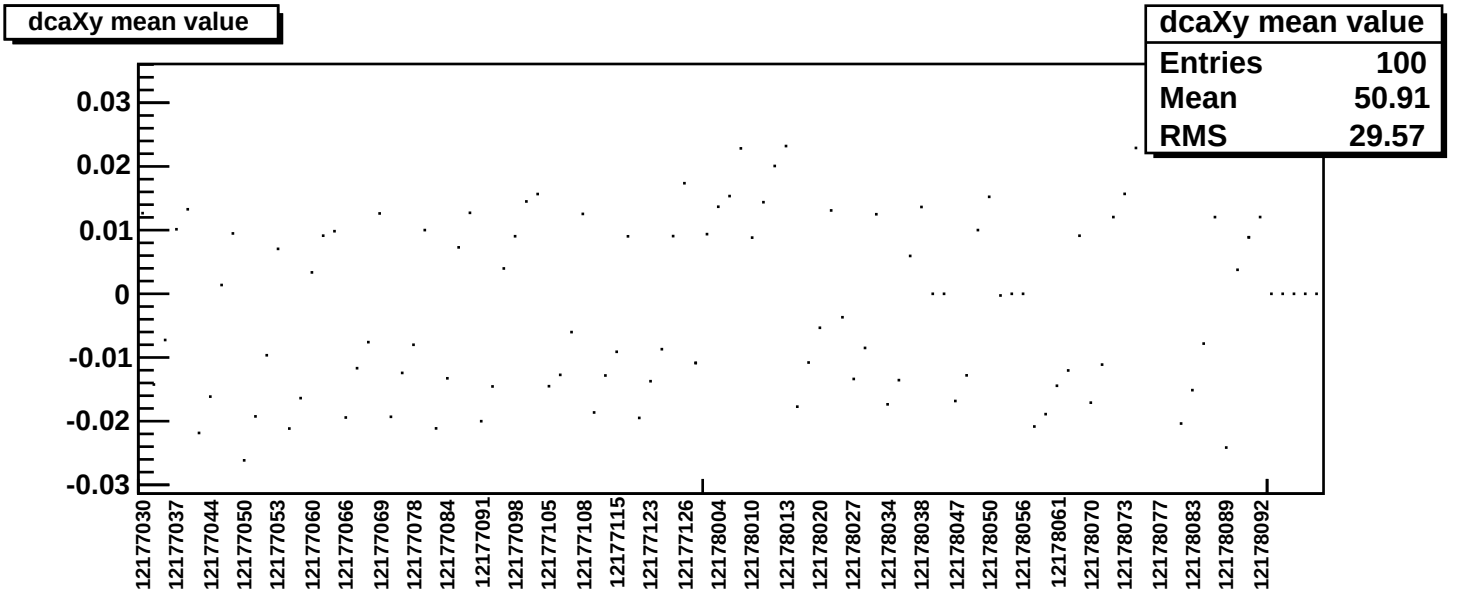

TofvsTrayID
TofvsTrayID
Entries 3460
Mean x 61.4
Mean y 9.591
RMS x 33.89
RMS y 1.497
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 178
Mean x 3.304
Mean y 1.163
RMS x 18.73
RMS y 16.93
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 178
Mean 1.296
RMS 3.303
10
8
6
4
2
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 49.05
RMS 28.99
BeamX
BeamY
0.4
0.3
0.2
0.1
0
12177030 12177037 12177044 12177050 12177053 12177060 12177066 12177069 12177078 12177084 12177091 12177098 12177105 12177108 12177115 12177123 12177126 12178004 12178010 12178013 12178020 12178027 12178034 12178038 12178047 12178050 12178056 12178061 12178070 12178073 12178077 12178083 12178089 12178092


innerGain
gain parameters
Entries 100
Mean 74.5
RMS 3.536
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12177030 12177037 12177044 12177050 12177053 12177060 12177066 12177069 12177078 12177084 12177091 12177098 12177105 12177108 12177115 12177123 12177126 12178004 12178010 12178013 12178020 12178027 12178034 12178038 12178047 12178050 12178056 12178061 12178070 12178073 12178077 12178083 12178089 12178092


dcaXy mean value
dcaXy mean value
Entries 100
Mean 50.91
RMS 29.57
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
12177030 12177037 12177044 12177050 12177053 12177060 12177066 12177069 12177078 12177084 12177091 12177098 12177105 12177108 12177115 12177123 12177126 12178004 12178010 12178013 12178020 12178027 12178034 12178038 12178047 12178050 12178056 12178061 12178070 12178073 12178077 12178083 12178089 12178092