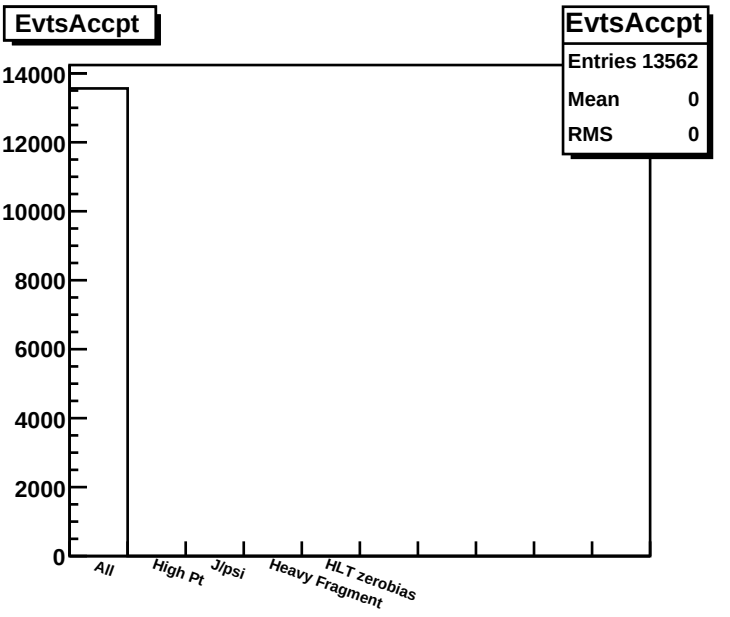
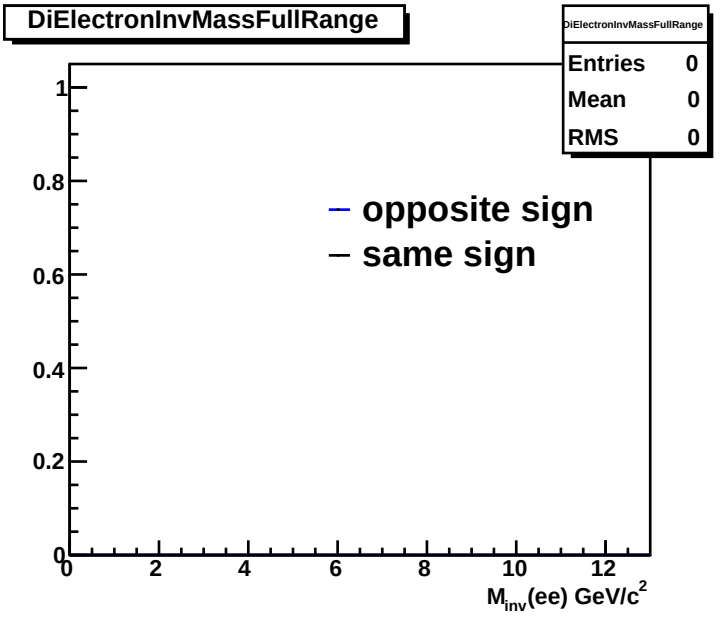
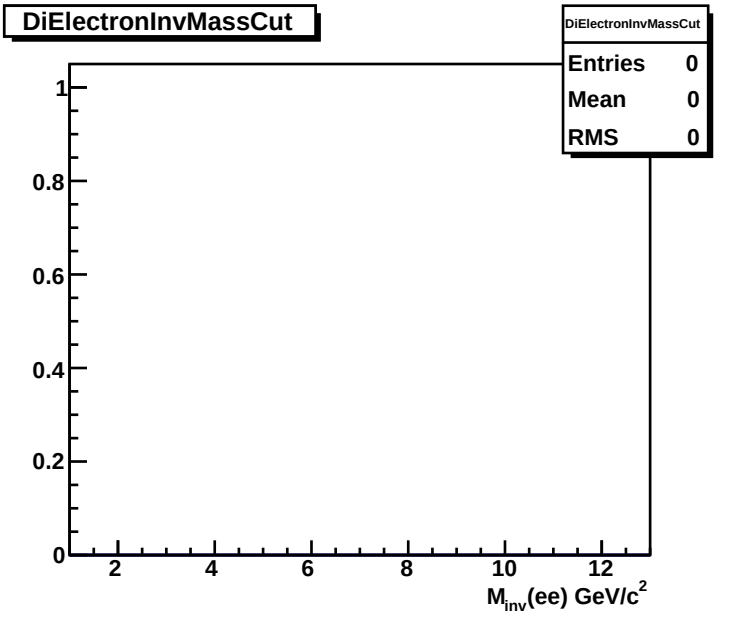
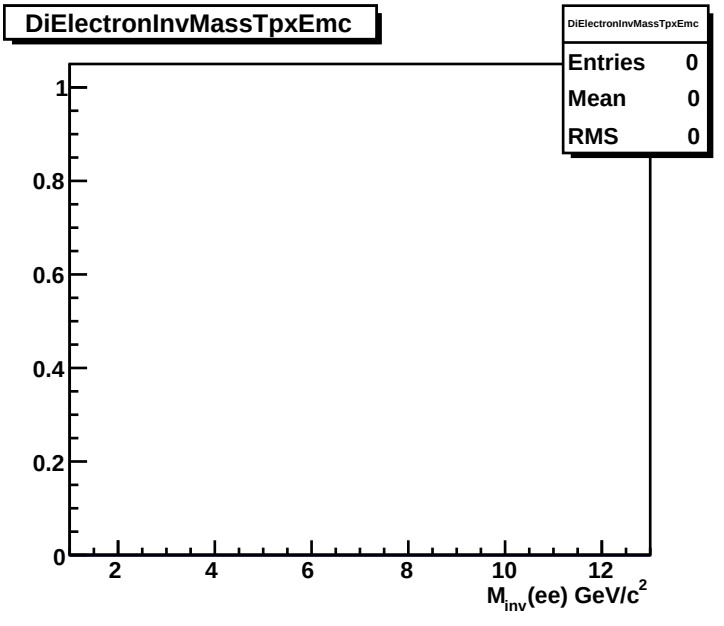
**This file is produced on**

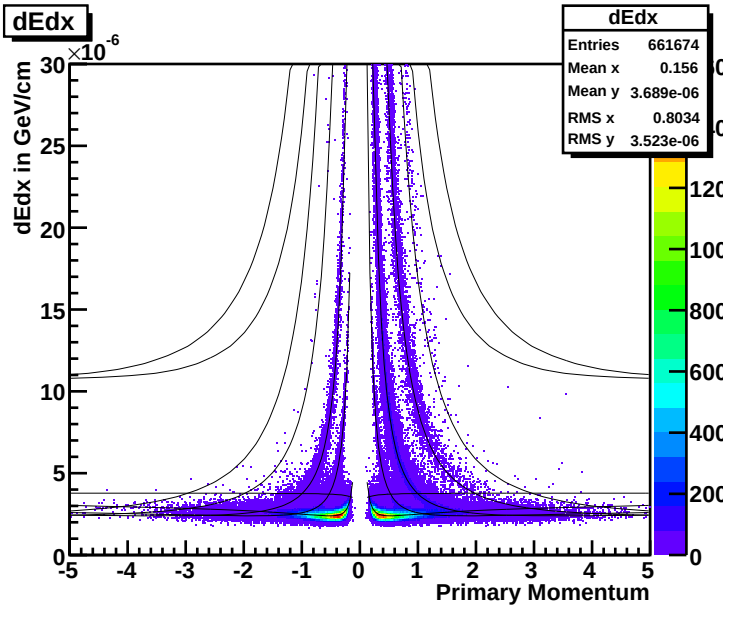
**Tue Jun 21 21:16:44 2011**

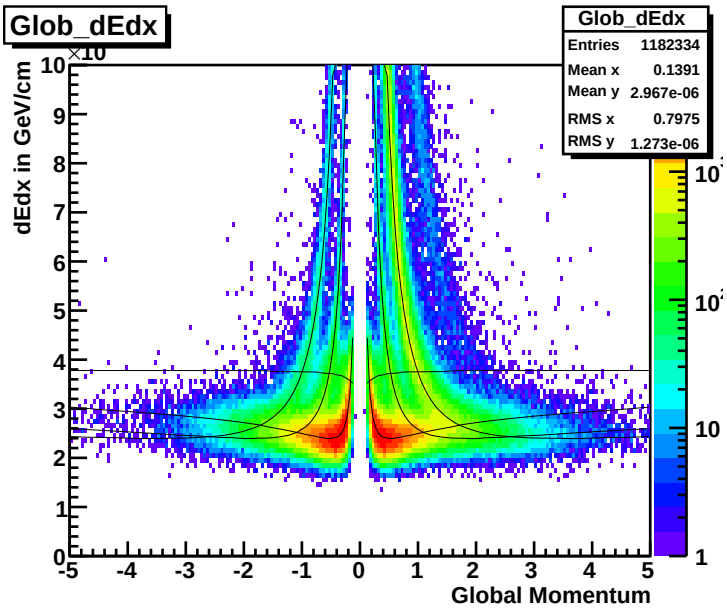


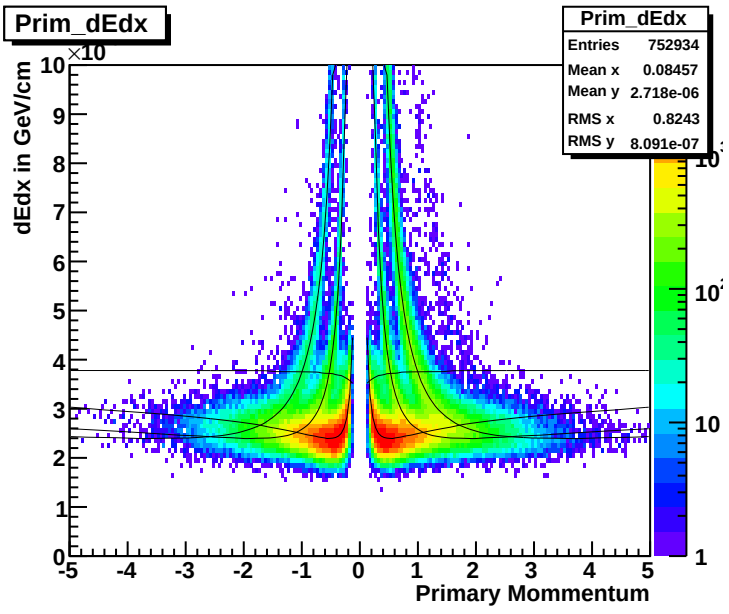



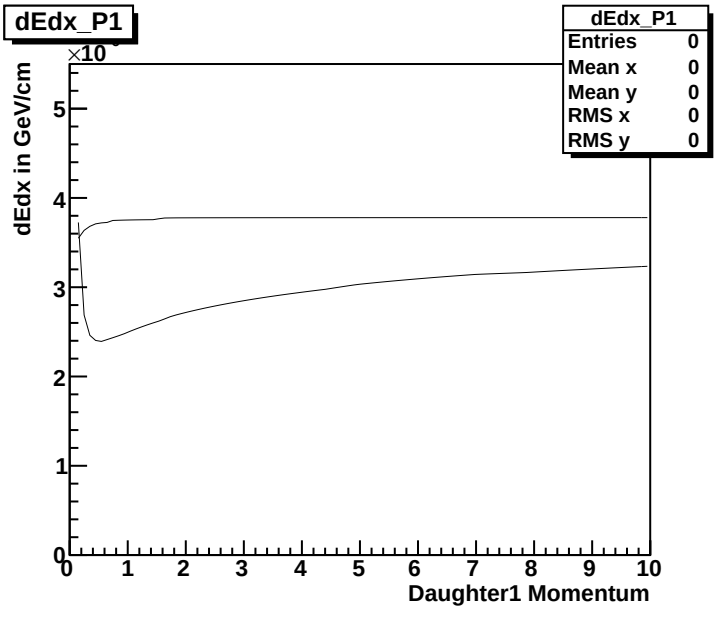



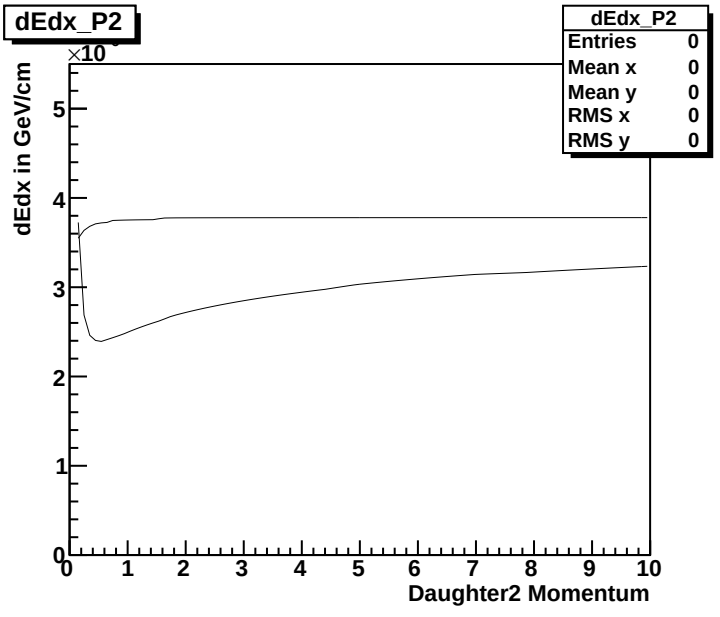



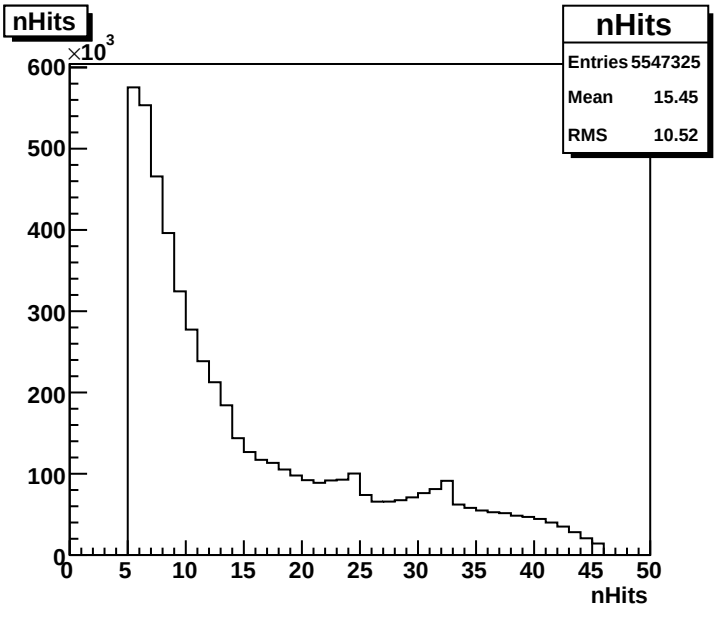



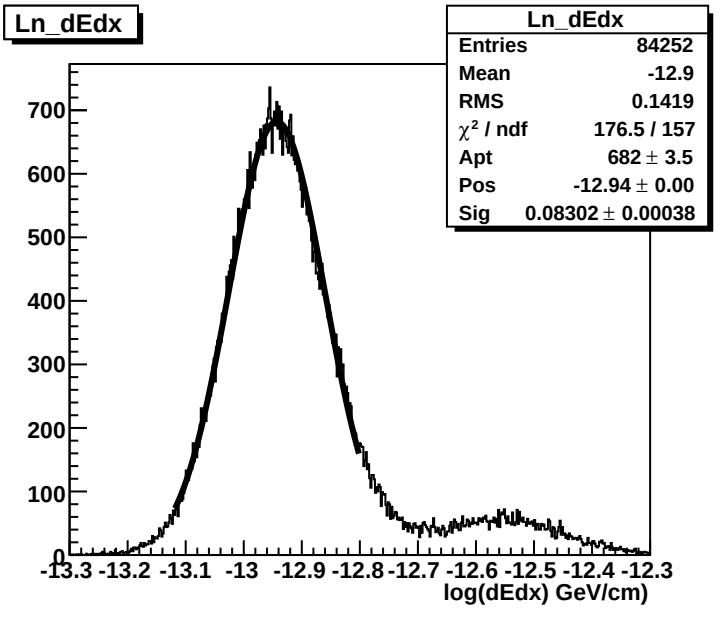

Glob_dEdx
Entries 1182334
Mean x 0.1391
Mean y 2.967e-06
RMS x 0.7975
RMS y 1.273e-06
dEdx in GeV/cm
Global Momentum

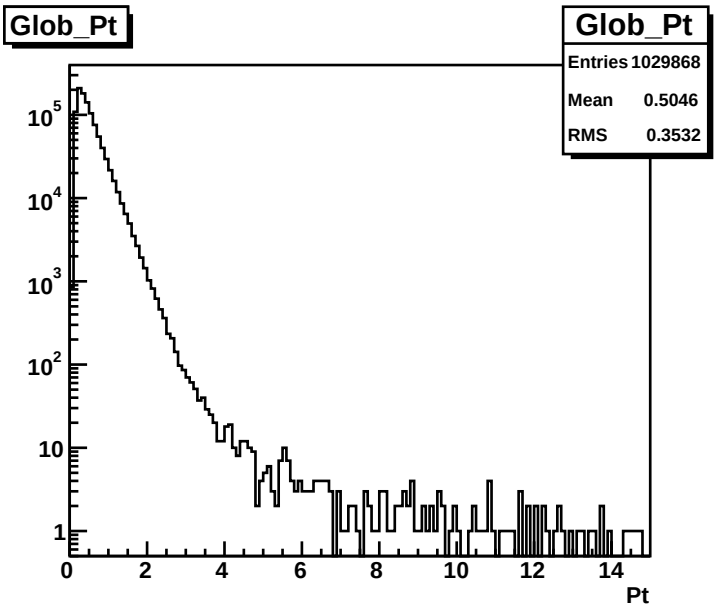

Prim_dEdx
Entries 752934
Mean x 0.08457
Mean y 2.718e-06
RMS x 0.8243
RMS y 8.091e-07
dEdx in GeV/cm
Primary Mommentum

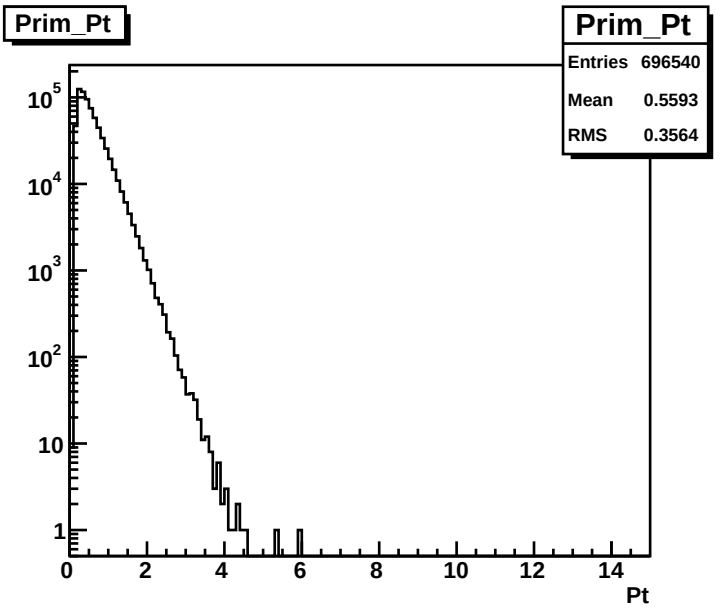

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

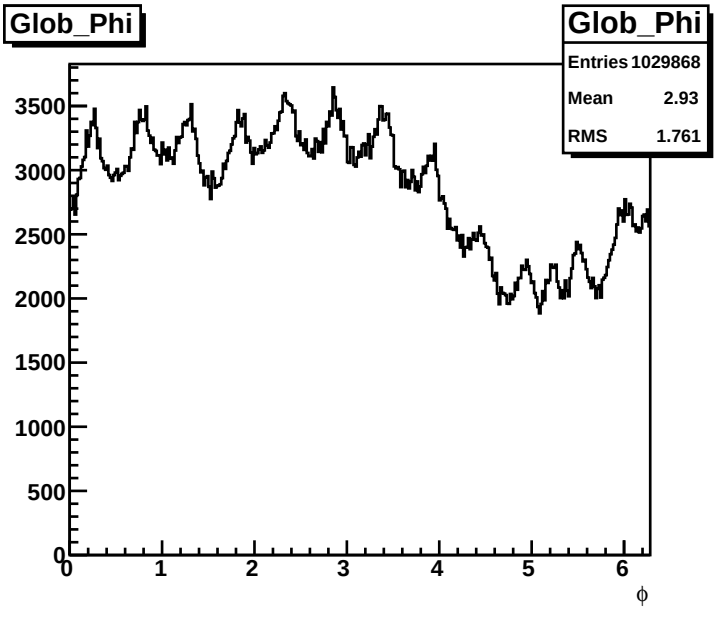

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

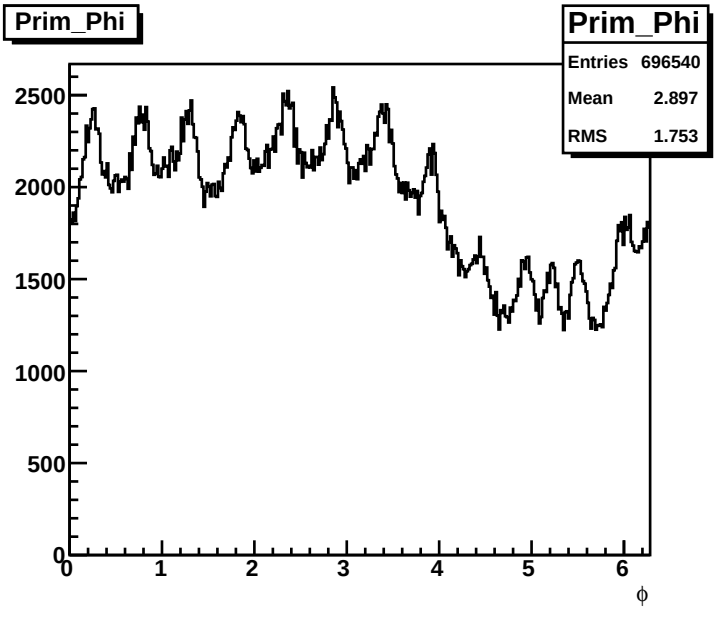

nHits
Entries 5547325
Mean 15.45
RMS 10.52
nHits

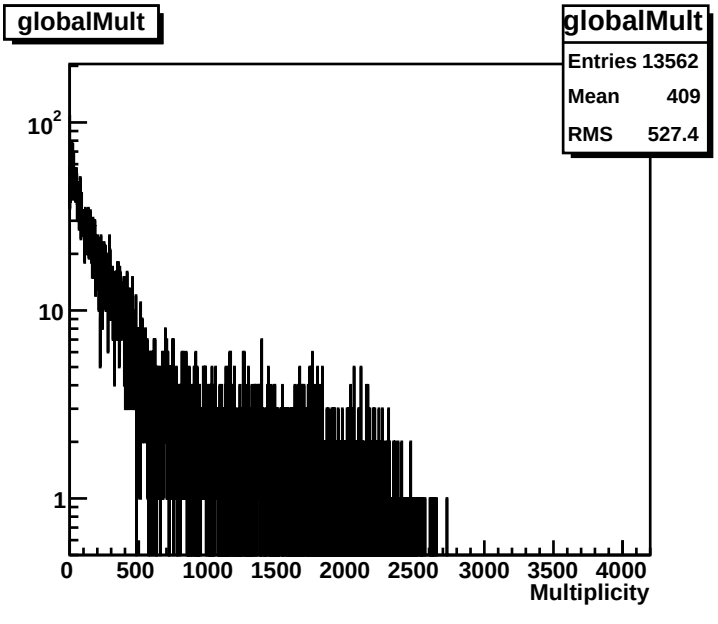

Ln_dEdx
Entries 84252
Mean -12.9
RMS 0.1419
χ² / ndf 176.5 / 157
Apt 682 ± 3.5
Pos -12.94 ± 0.00
Sig 0.08302 ± 0.00038
log(dEdx) GeV/cm)

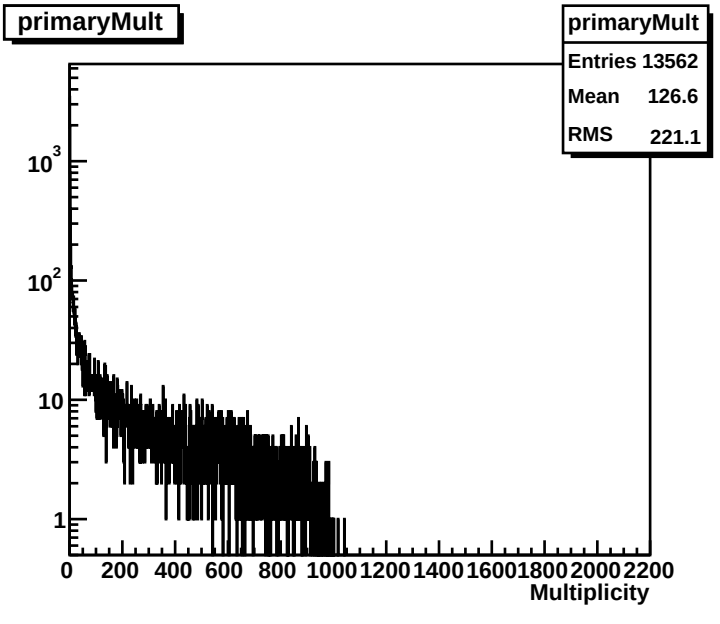

Glob_Pt
Glob_Pt
Entries 1029868
Mean 0.5046
RMS 0.3532
Pt

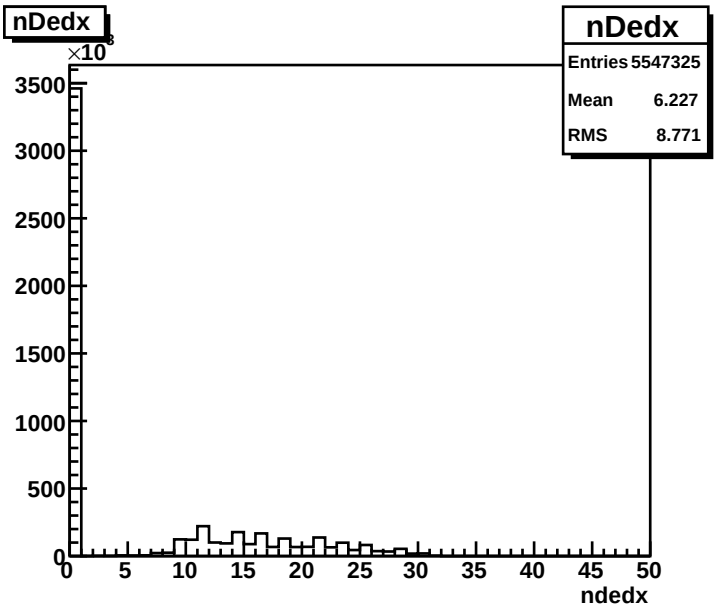

Prim_Pt
Prim_Pt
Entries 696540
Mean 0.5593
RMS 0.3564
Pt

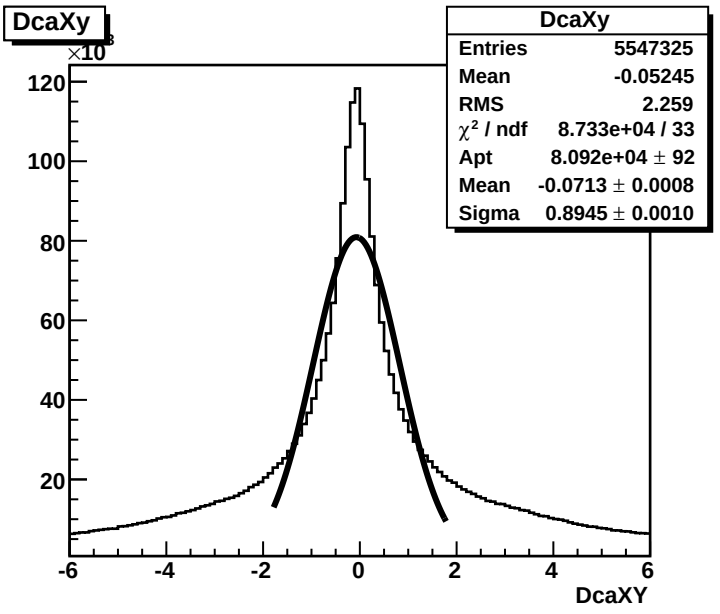

Glob_Phi
Glob_Phi
Entries 1029868
Mean 2.93
RMS 1.761
ϕ

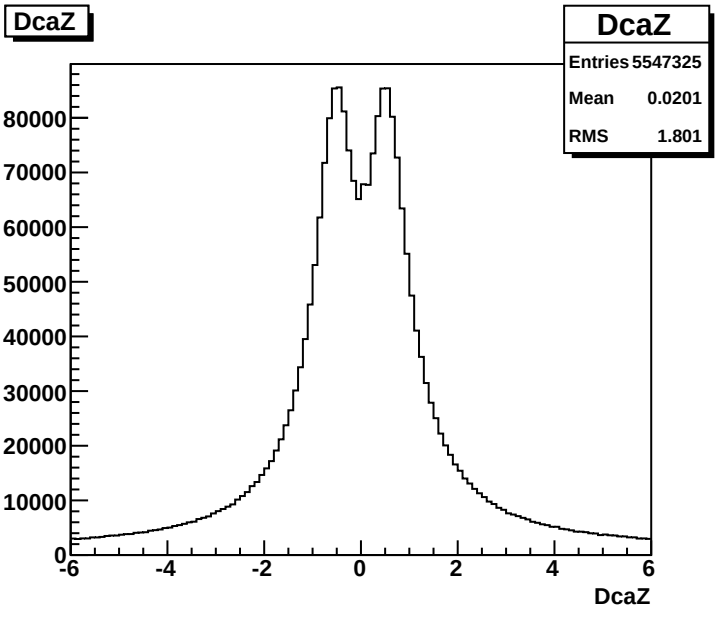

Prim_Phi
Prim_Phi
Entries 696540
Mean 2.897
RMS 1.753
ϕ

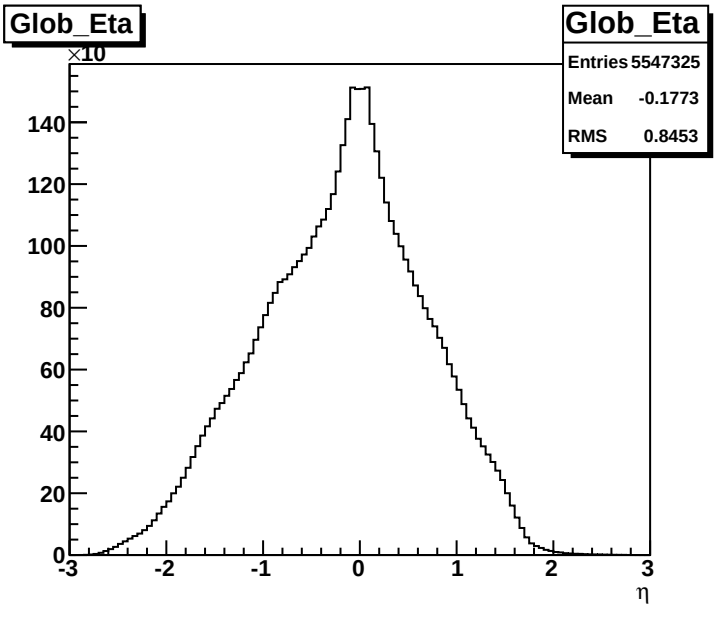

globalMult
globalMult
Entries 13562
Mean 409
RMS 527.4
Multiplicity

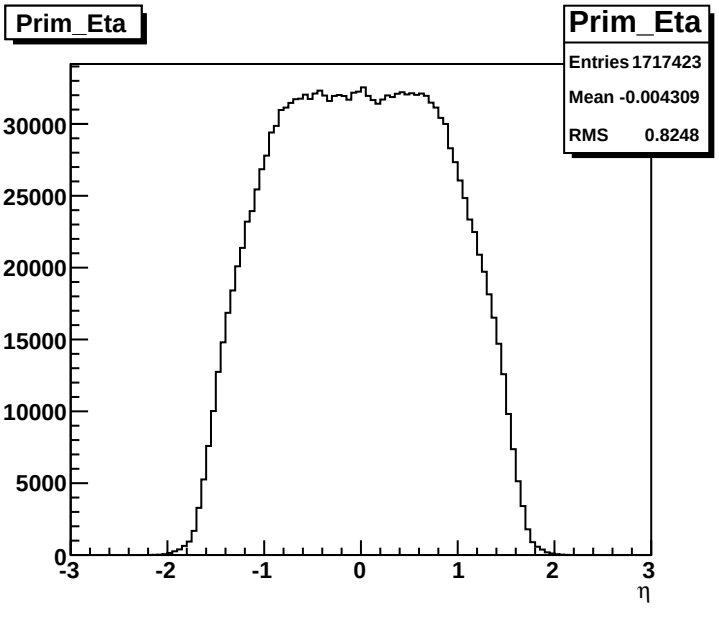

primaryMult
primaryMult
Entries 13562
Mean 126.6
RMS 221.1
Multiplicity

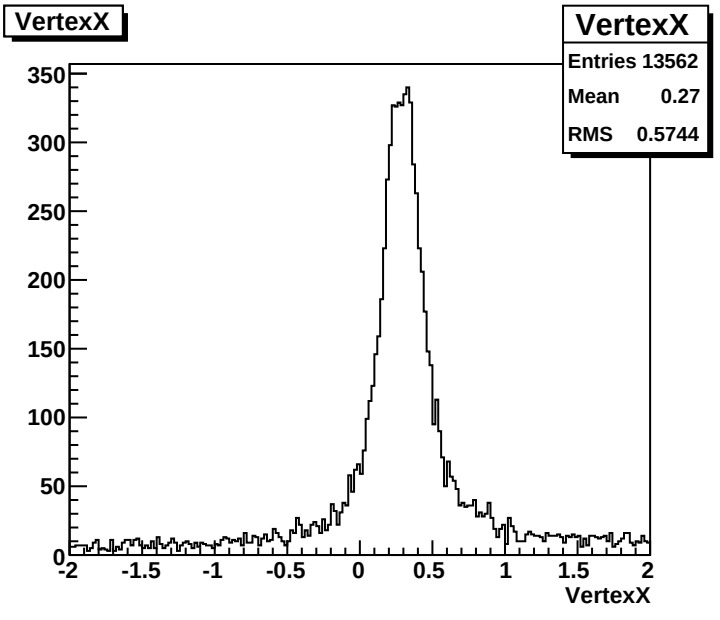

nDedx
nDedx
Entries 5547325
Mean 6.227
RMS 8.771
×10³
ndedx

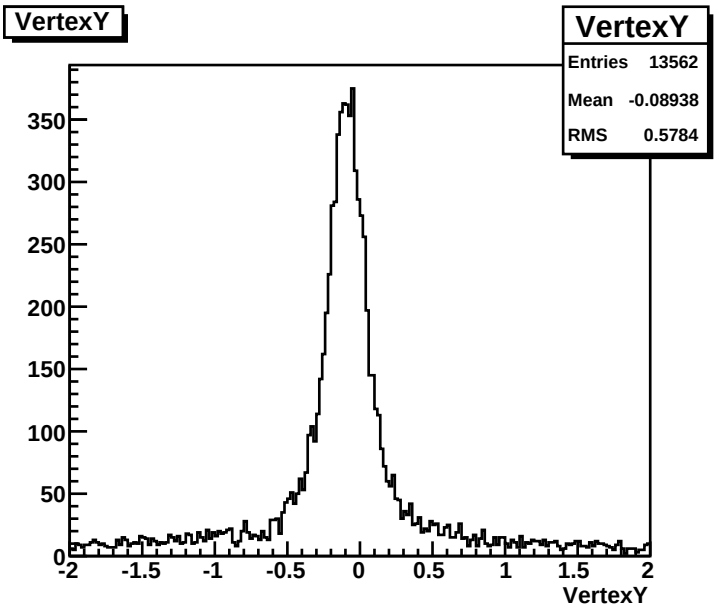

DcaXy
DcaXy
Entries 5547325
Mean -0.05245
RMS 2.259
χ² / ndf 8.733e+04 / 33
Apt 8.092e+04 ± 92
Mean -0.0713 ± 0.0008
Sigma 0.8945 ± 0.0010
×10³
DcaXY

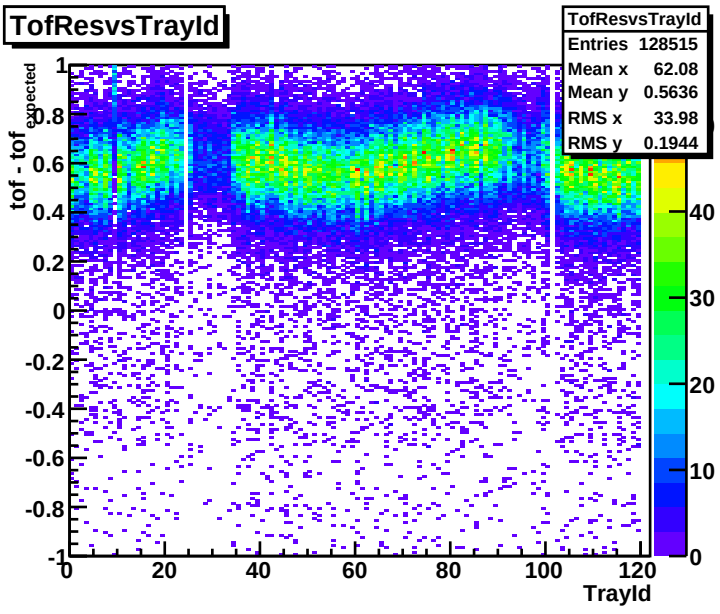

DcaZ
DcaZ
Entries 5547325
Mean 0.0201
RMS 1.801
DcaZ

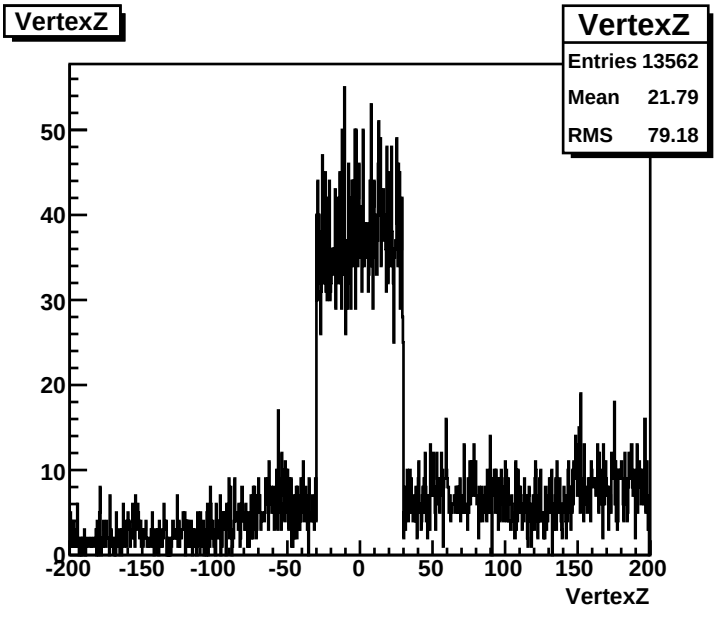

Glob_Eta
Glob_Eta
Entries 5547325
Mean -0.1773
RMS 0.8453
×10
η

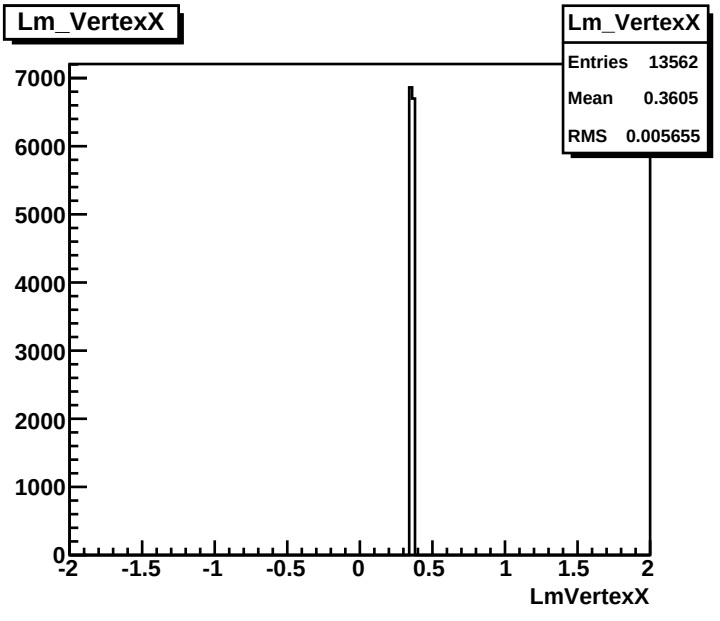

Prim_Eta
Prim_Eta
Entries 1717423
Mean -0.004309
RMS 0.8248
η

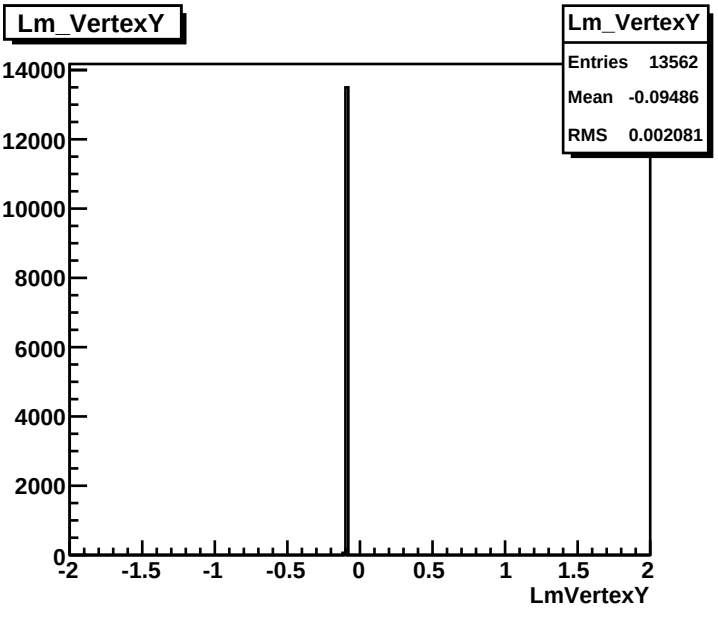

VertexX
VertexX
Entries 13562
Mean 0.27
RMS 0.5744
VertexX

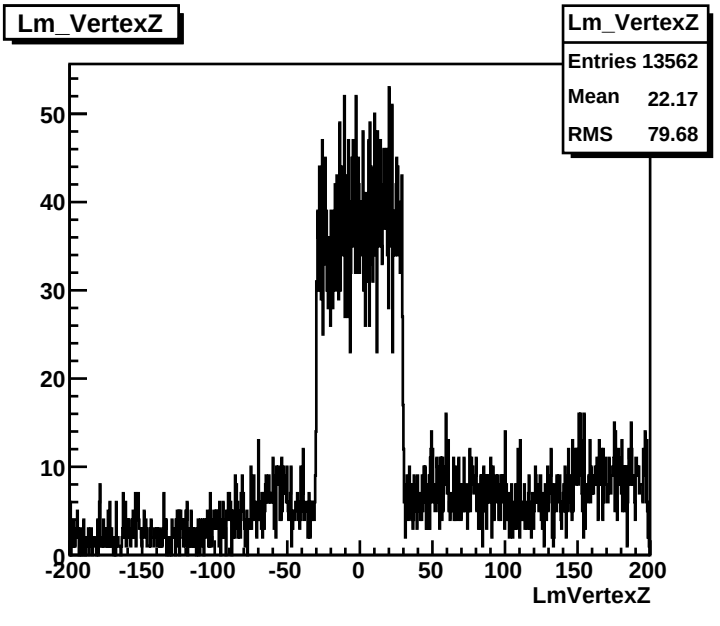

VertexY
VertexY
Entries 13562
Mean -0.08938
RMS 0.5784
VertexY

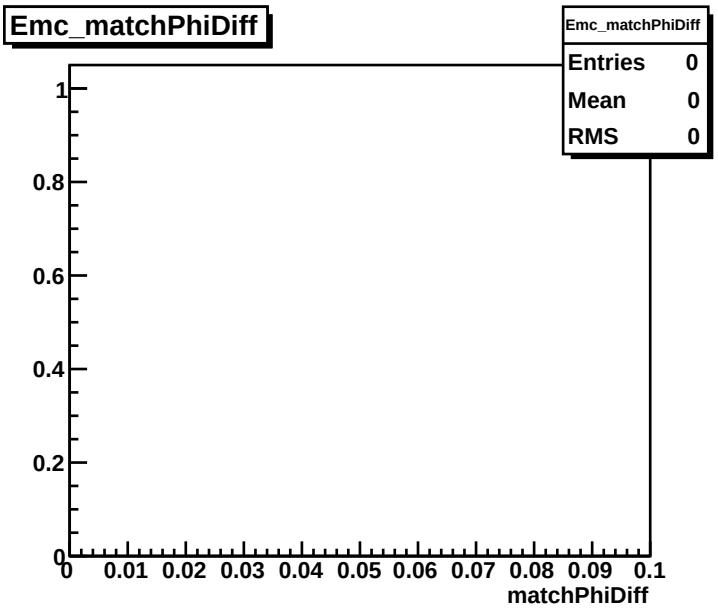

TofResvsTrayId
TofResvsTrayId
Entries 128515
Mean x 62.08
Mean y 0.5636
RMS x 33.98
RMS y 0.1944
tof - tof expected
TrayId

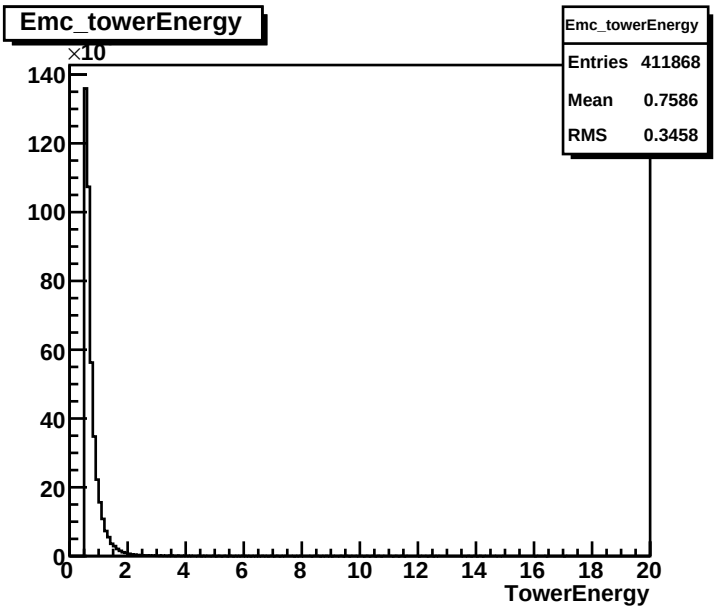

VertexZ
VertexZ
Entries 13562
Mean 21.79
RMS 79.18
VertexZ

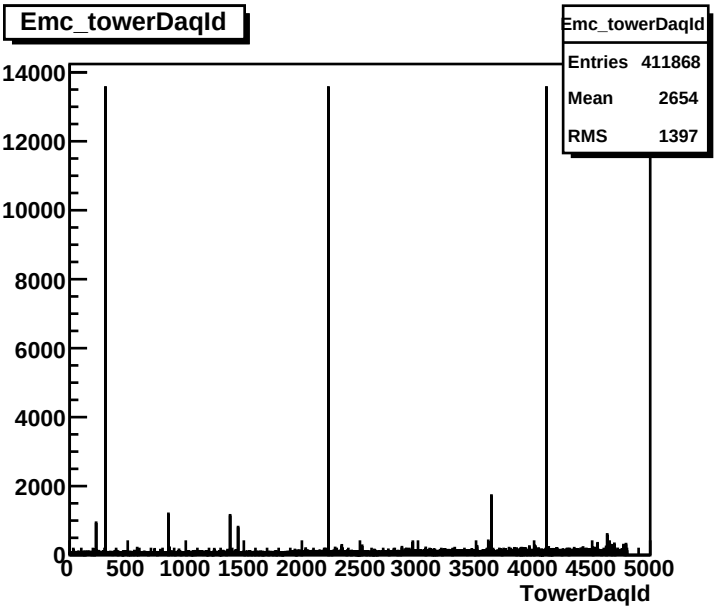

Lm_VertexX
Lm_VertexX
Entries 13562
Mean 0.3605
RMS 0.005655
LmVertexX

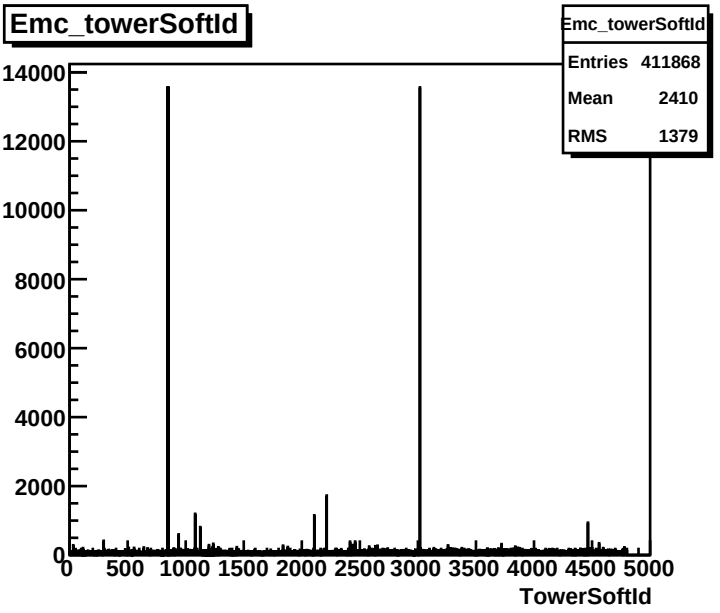

Lm_VertexY
Lm_VertexY
Entries 13562
Mean -0.09486
RMS 0.002081
LmVertexY

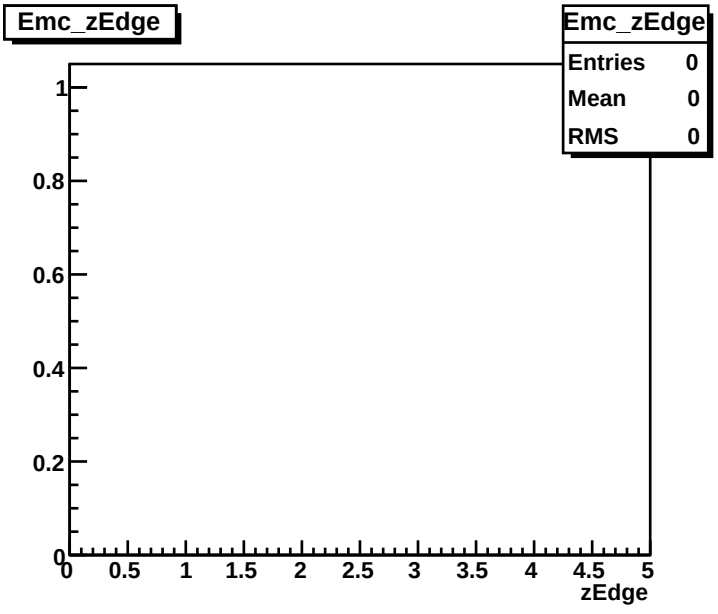

Lm_VertexZ
Lm_VertexZ
Entries 13562
Mean 22.17
RMS 79.68
LmVertexZ

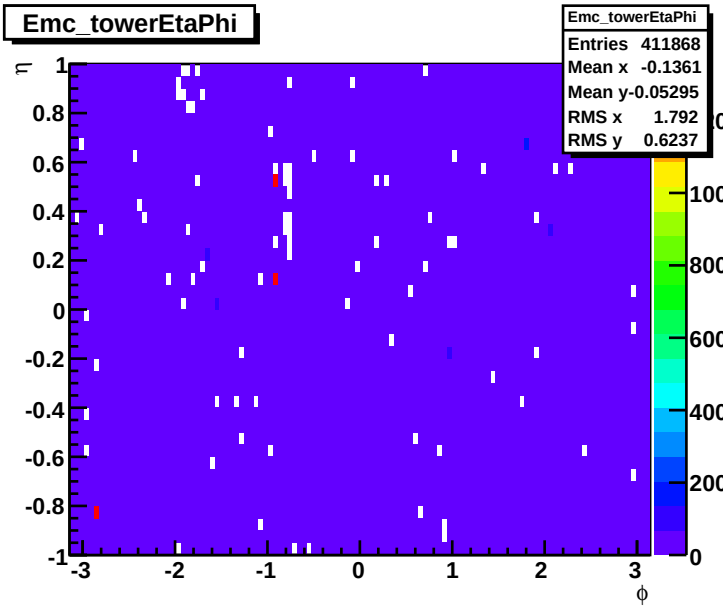

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

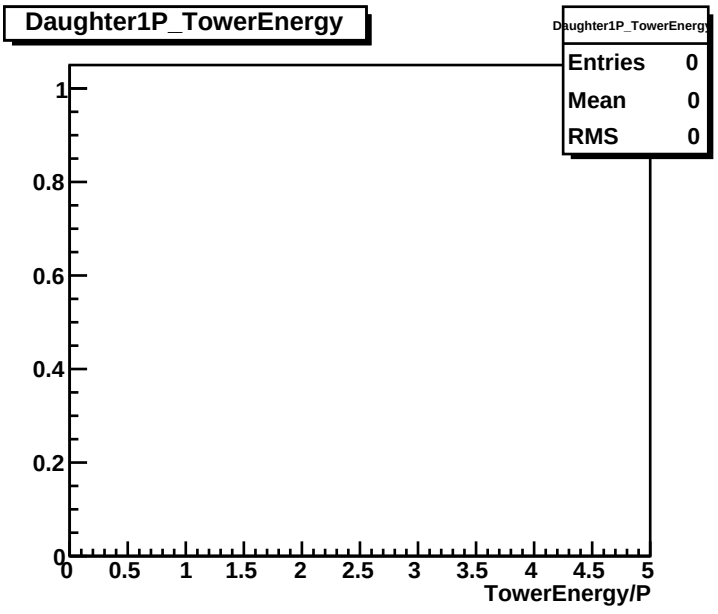

Emc_towerEnergy
Emc_towerEnergy
Entries 411868
Mean 0.7586
RMS 0.3458
×10
TowerEnergy

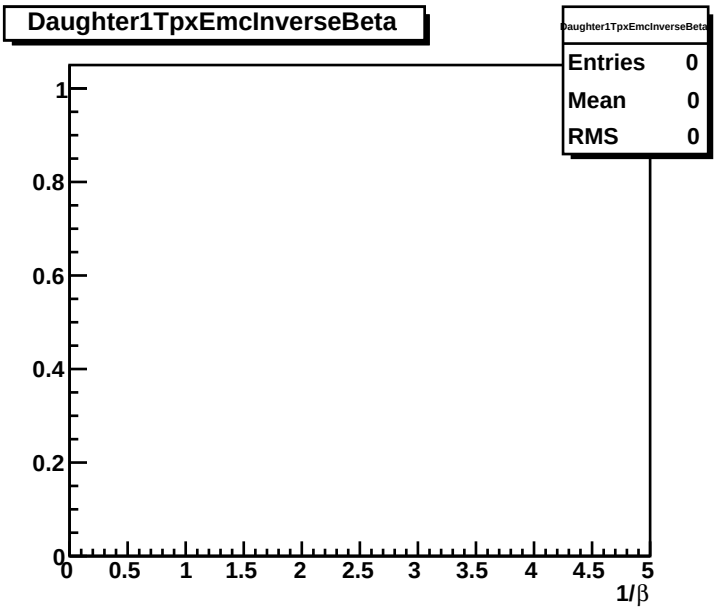

Emc_towerDaqId
Emc_towerDaqId
Entries 411868
Mean 2654
RMS 1397
TowerDaqId

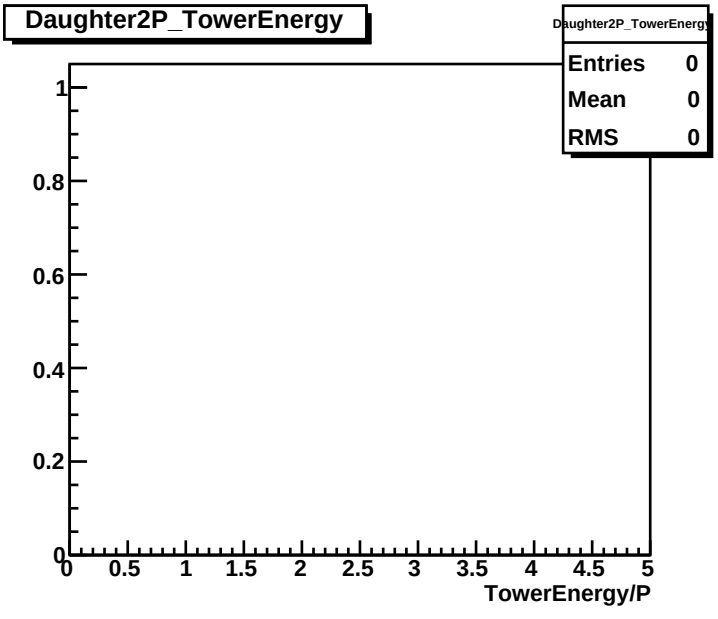

Emc_towerSoftId
Emc_towerSoftId
Entries 411868
Mean 2410
RMS 1379
TowerSoftId

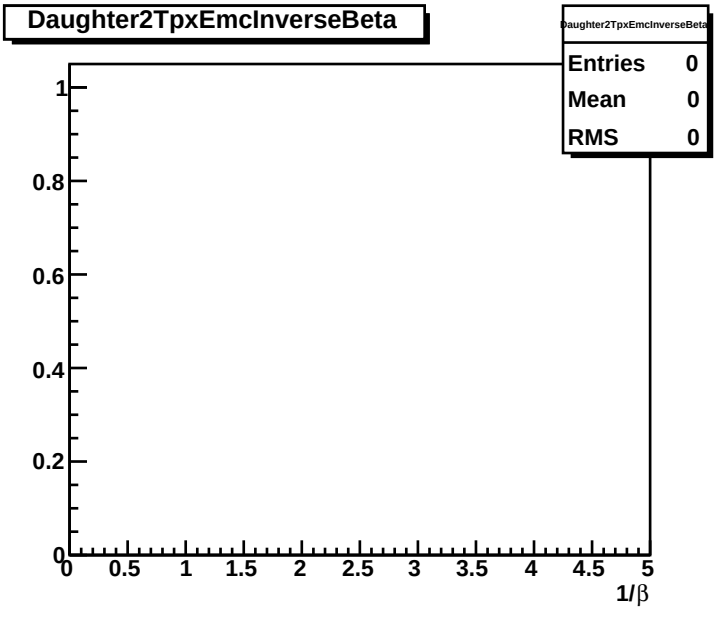

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

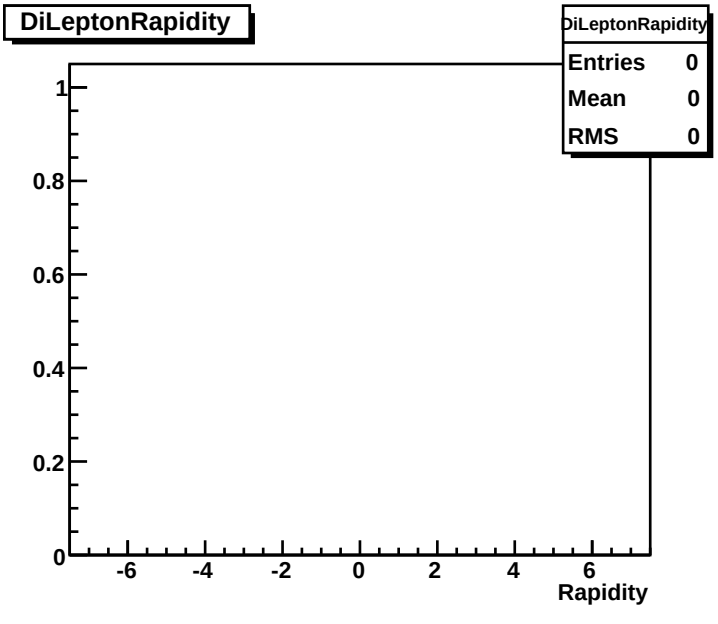

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 411868
Mean x -0.1361
Mean y -0.05295
RMS x 1.792
RMS y 0.6237
η
ϕ

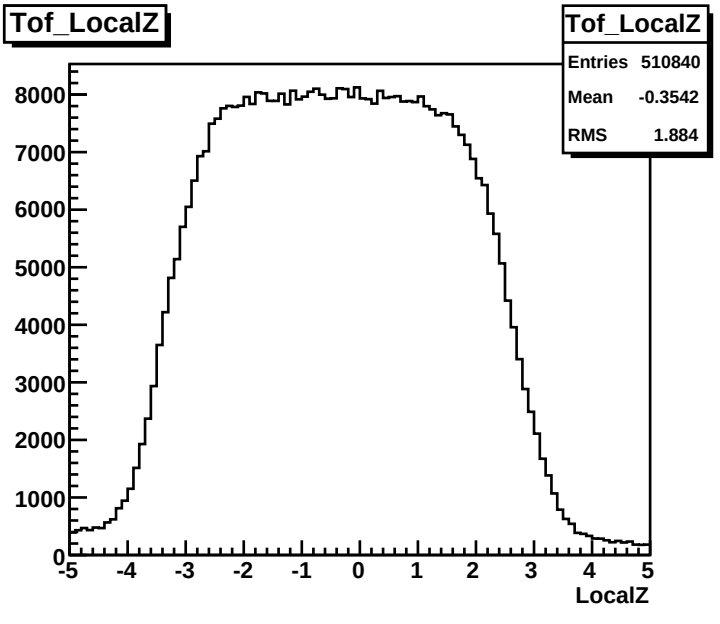

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

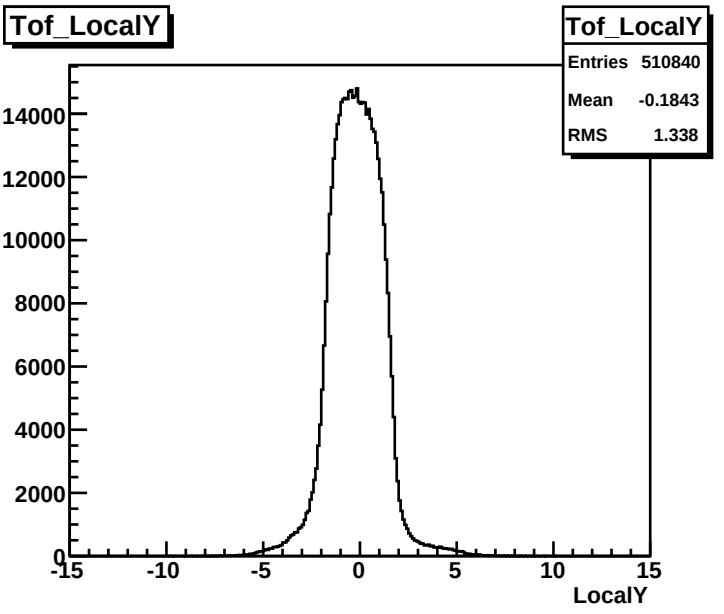

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

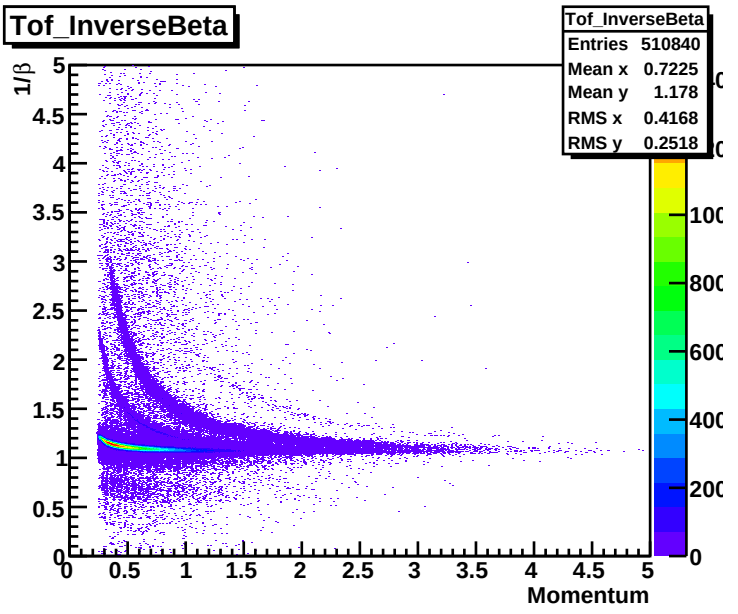

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

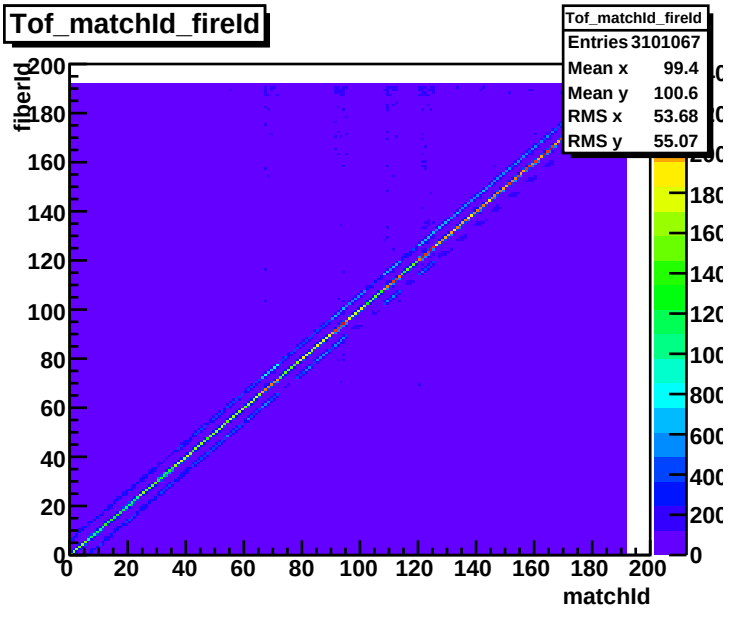

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

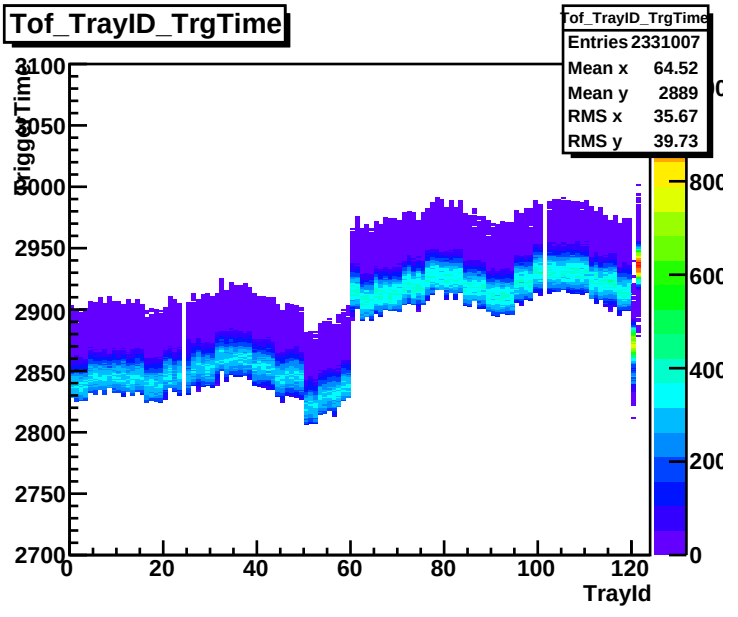

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

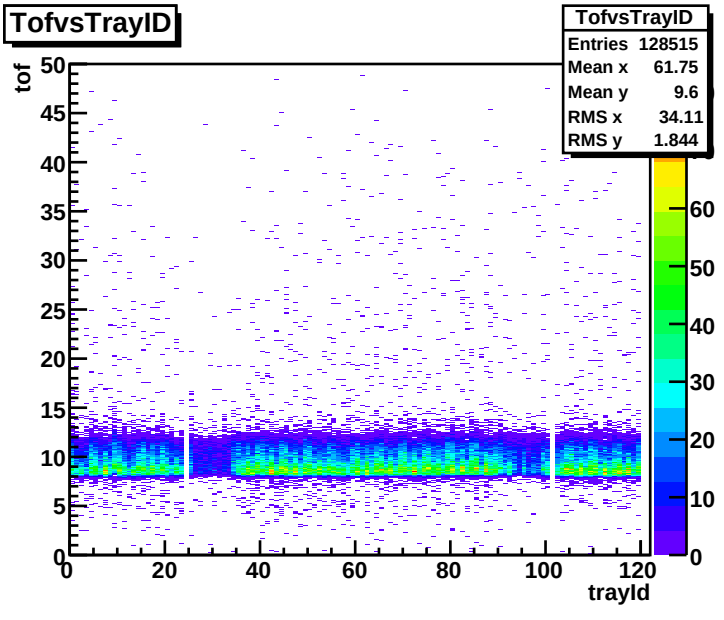

Tof_LocalZ
Tof_LocalZ
Entries 510840
Mean -0.3542
RMS 1.884
LocalZ

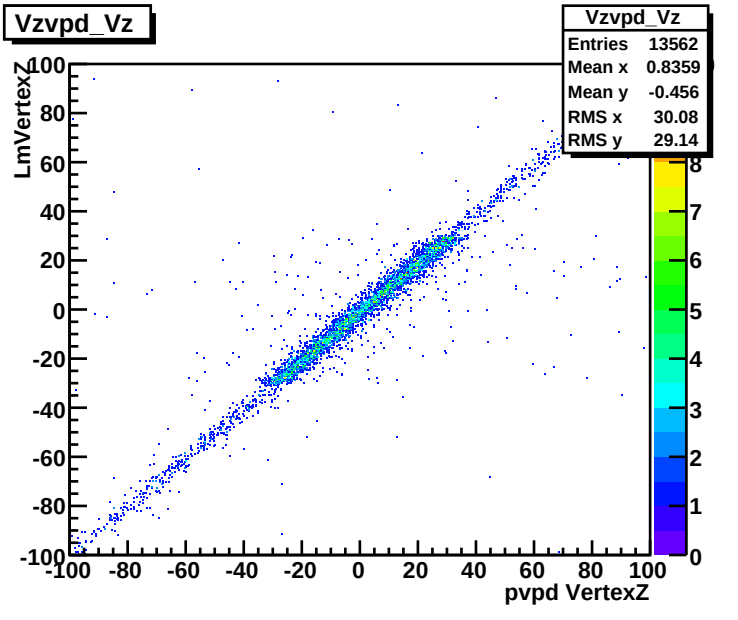

Tof_LocalY
Tof_LocalY
Entries 510840
Mean -0.1843
RMS 1.338
LocalY

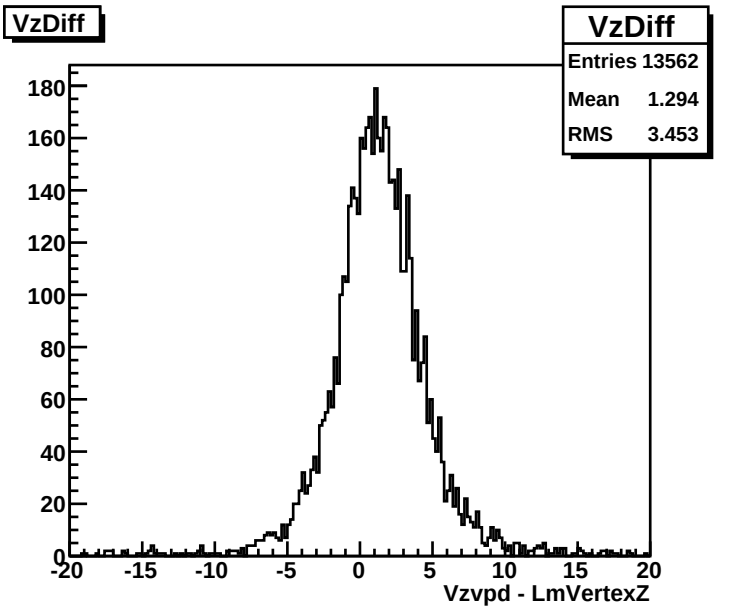

Tof_InverseBeta
Tof_InverseBeta
Entries 510840
Mean x 0.7225
Mean y 1.178
RMS x 0.4168
RMS y 0.2518
1/β
Momentum

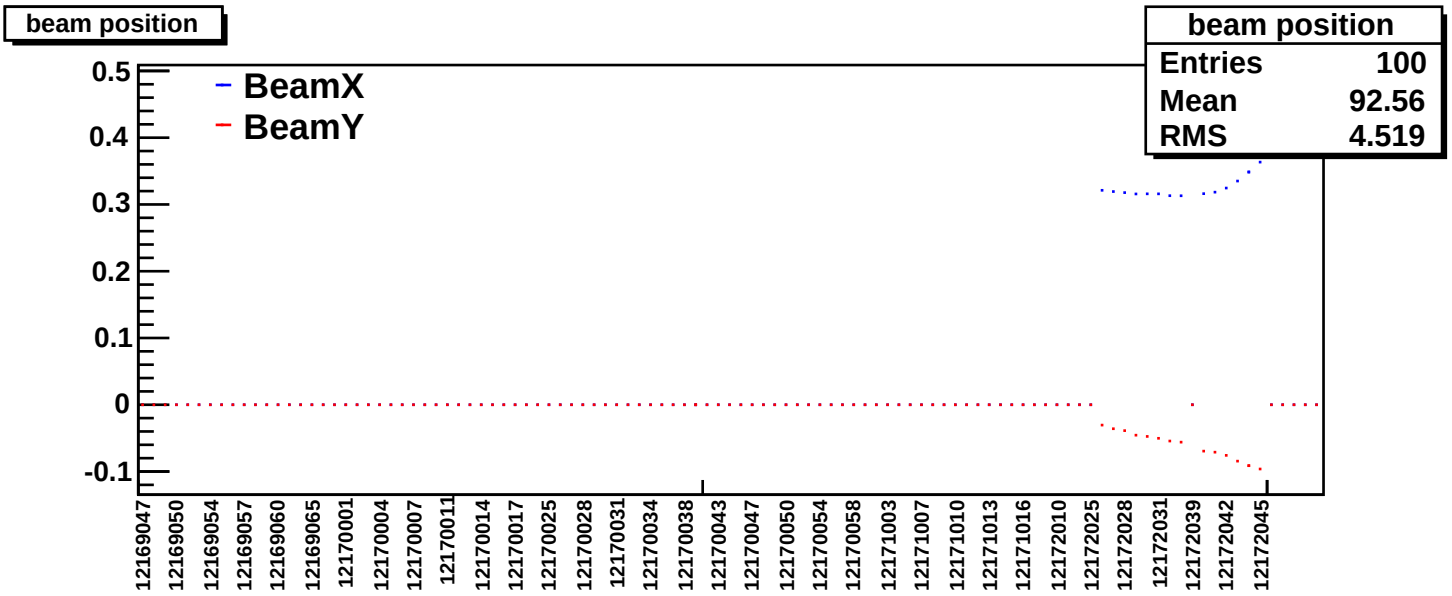

Tof_matchId_fireId
Tof_matchId_fireId
Entries 3101067
Mean x 99.4
Mean y 100.6
RMS x 53.68
RMS y 55.07
fiberId
matchId

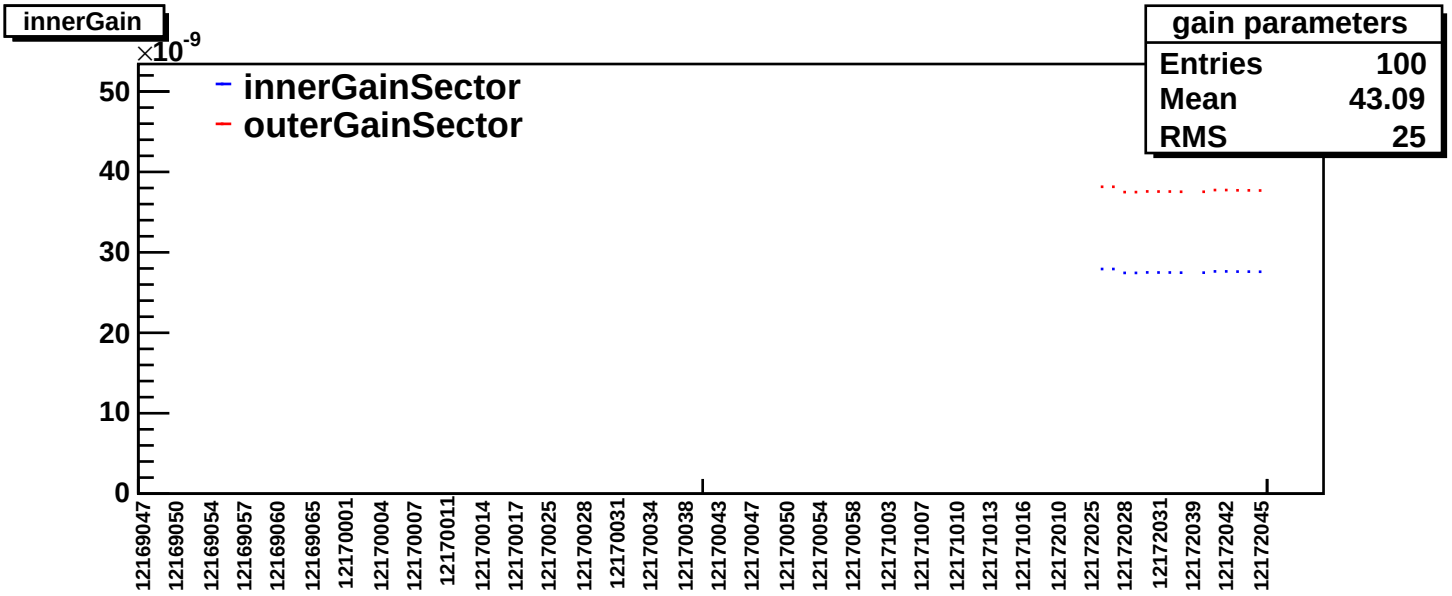

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 2331007
Mean x 64.52
Mean y 2889
RMS x 35.67
RMS y 39.73
TrayId

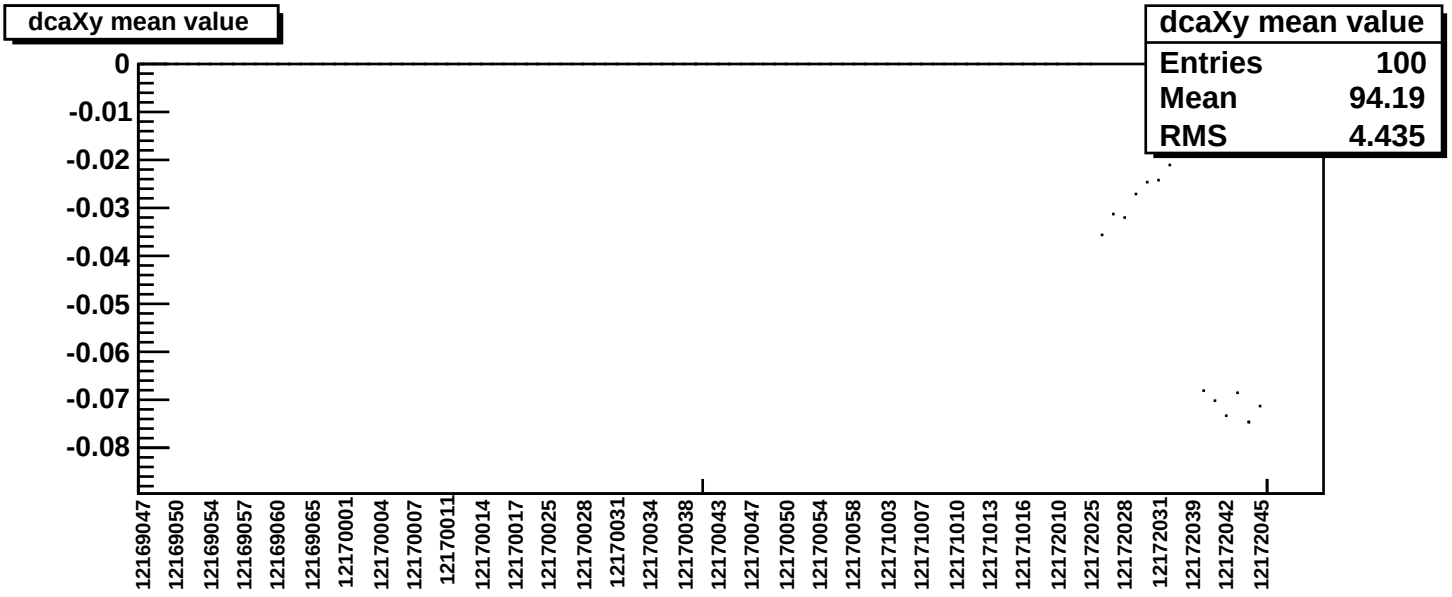

TofvsTrayID
TofvsTrayID
Entries 128515
Mean x 61.75
Mean y 9.6
RMS x 34.11
RMS y 1.844
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 13562
Mean x 0.8359
Mean y -0.456
RMS x 30.08
RMS y 29.14
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 13562
Mean 1.294
RMS 3.453
180
160
140
120
100
80
60
40
20
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 92.56
RMS 4.519
BeamX
BeamY
0.5
0.4
0.3
0.2
0.1
0
-0.1
12169047 12169050 12169054 12169057 12169060 12169065 12170001 12170004 12170007 12170011 12170014 12170017 12170025 12170028 12170031 12170034 12170038 12170043 12170047 12170050 12170054 12170058 12171003 12171007 12171010 12171013 12171016 12172010 12172025 12172028 12172031 12172039 12172042 12172045


innerGain
gain parameters
Entries 100
Mean 43.09
RMS 25
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12169047 12169050 12169054 12169057 12169060 12169065 12170001 12170004 12170007 12170011 12170014 12170017 12170025 12170028 12170031 12170034 12170038 12170043 12170047 12170050 12170054 12170058 12171003 12171007 12171010 12171013 12171016 12172010 12172025 12172028 12172031 12172039 12172042 12172045


dcaXy mean value
dcaXy mean value
Entries 100
Mean 94.19
RMS 4.435
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
-0.07
-0.08
12169047 12169050 12169054 12169057 12169060 12169065 12170001 12170004 12170007 12170011 12170014 12170017 12170025 12170028 12170031 12170034 12170038 12170043 12170047 12170050 12170054 12170058 12171003 12171007 12171010 12171013 12171016 12172010 12172025 12172028 12172031 12172039 12172042 12172045