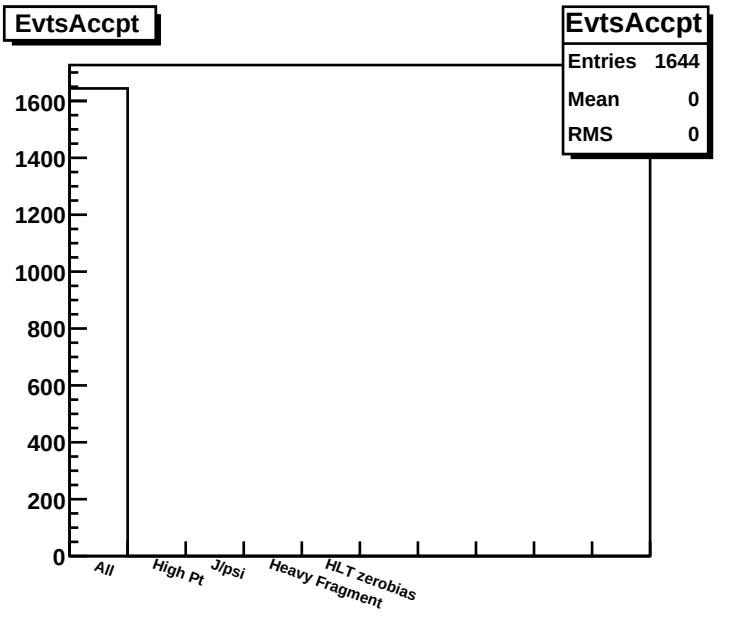
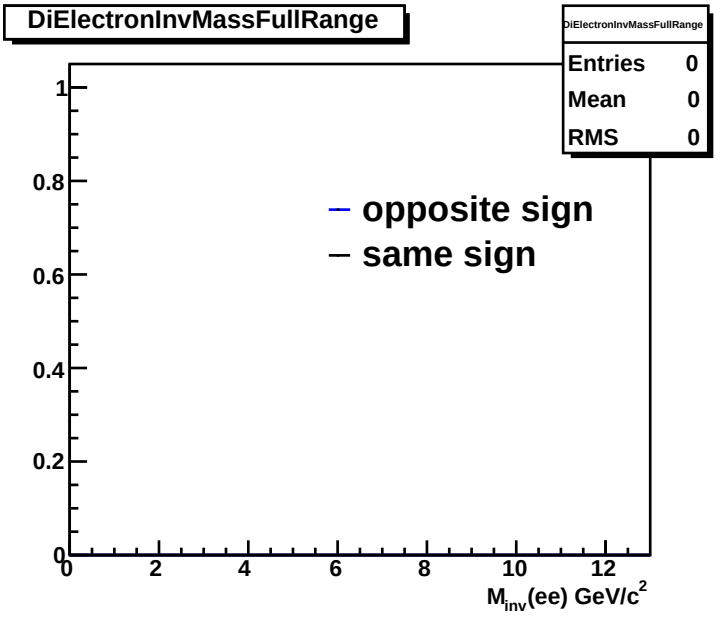
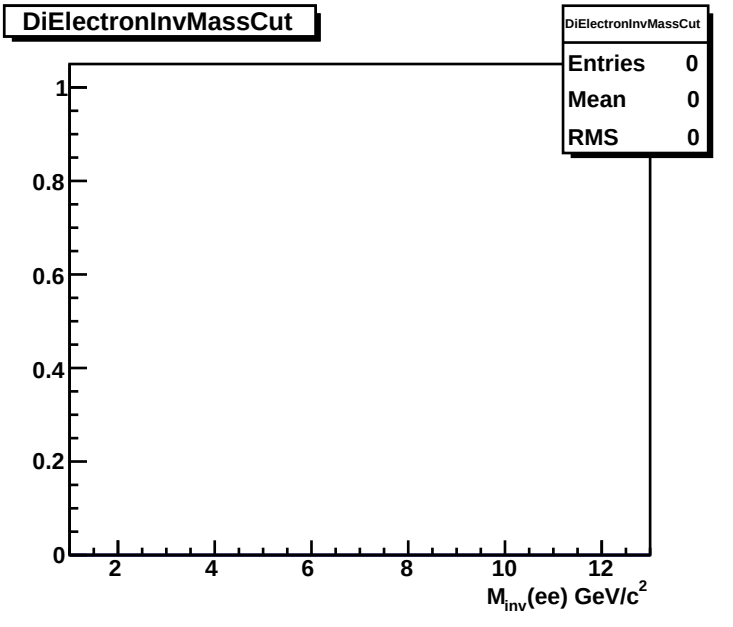
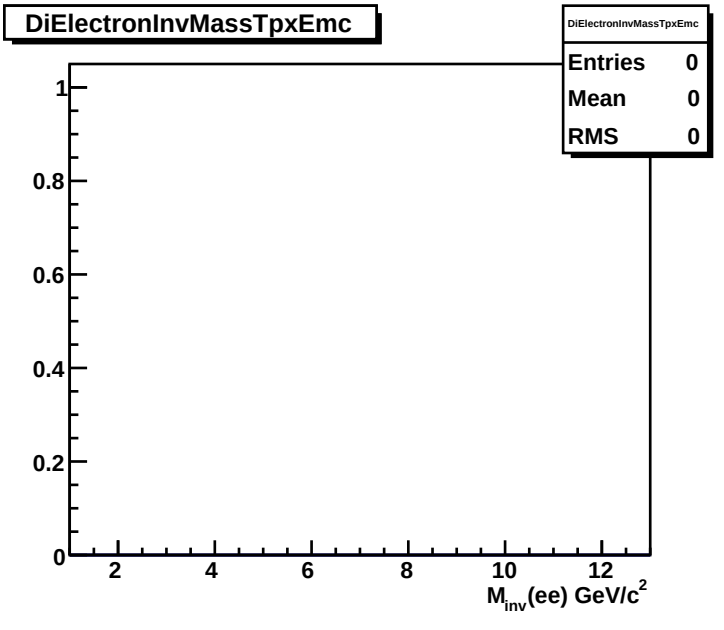
This file is produced on

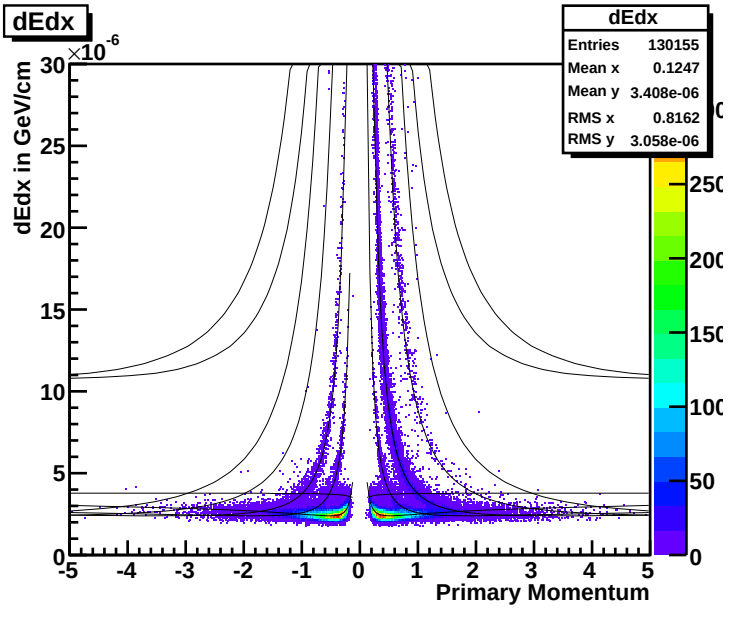
Wed Jun 22 10:39:49 2011

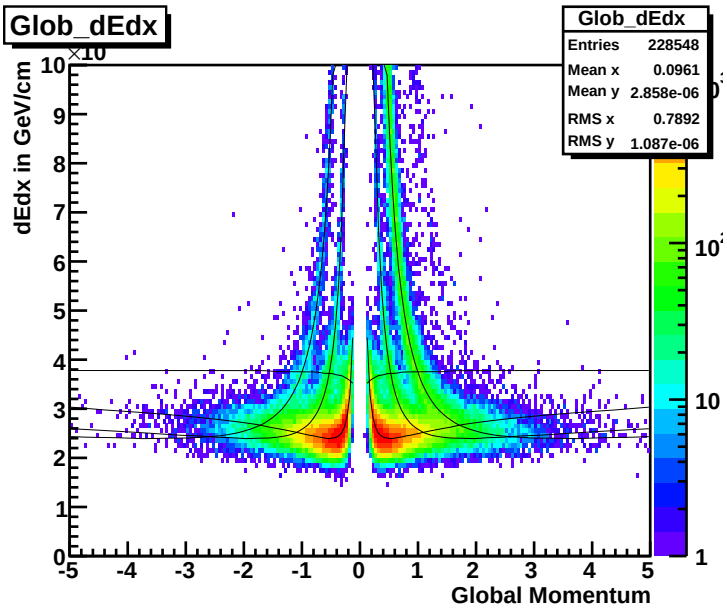


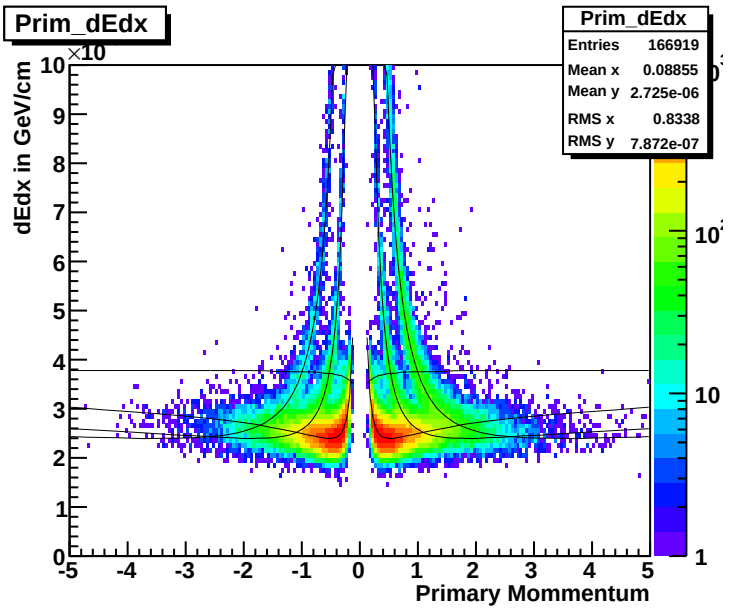


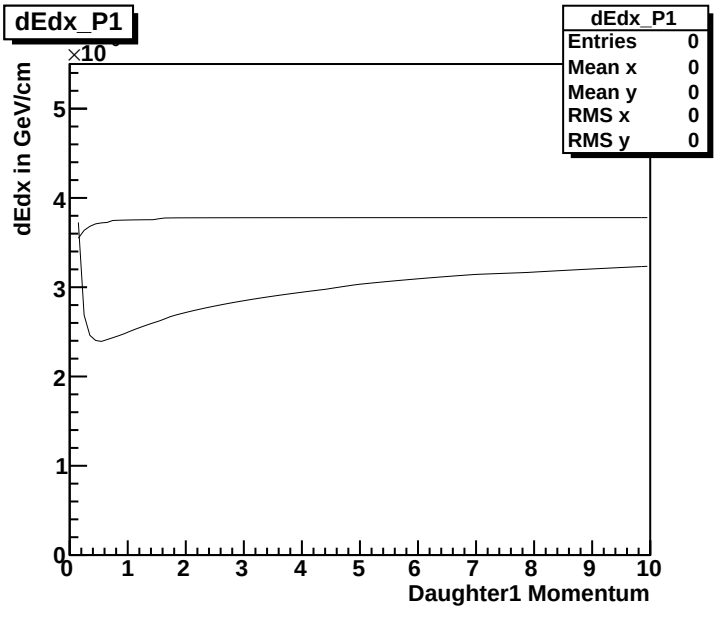


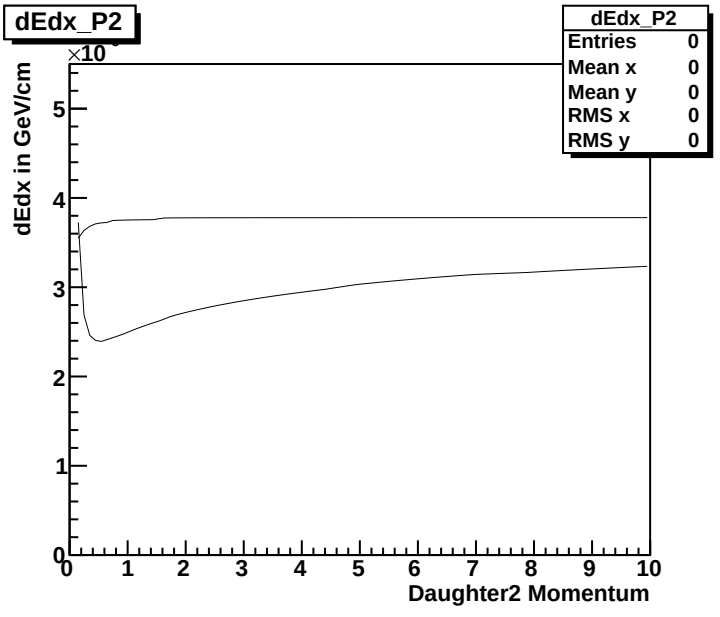


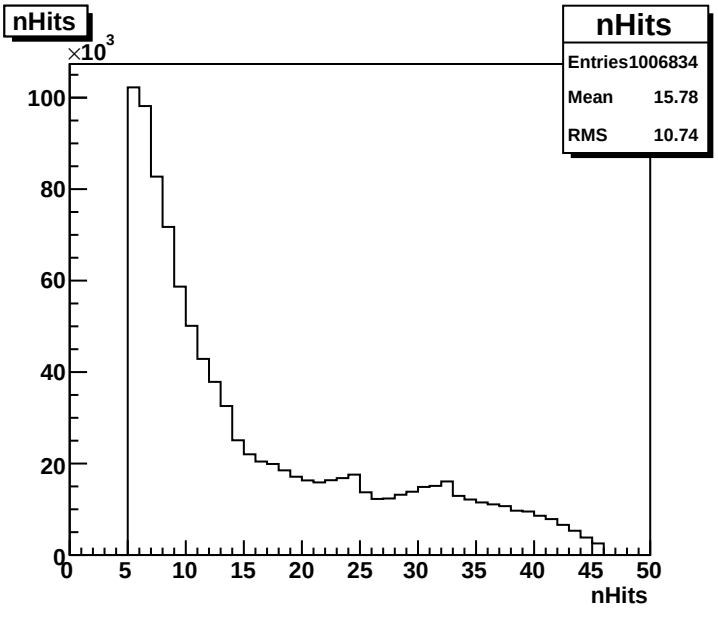


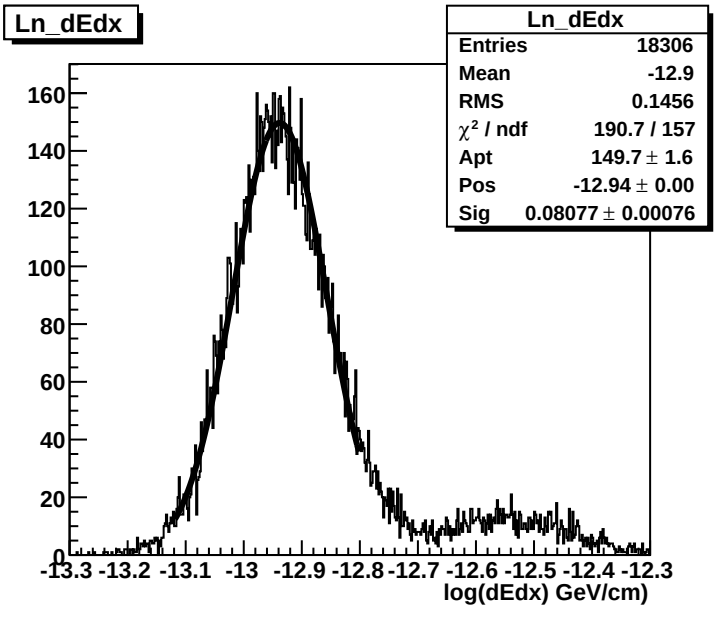

Glob_dEdx
Entries 228548
Mean x 0.0961
Mean y 2.858e-06
RMS x 0.7892
RMS y 1.087e-06
dEdx in GeV/cm
Global Momentum

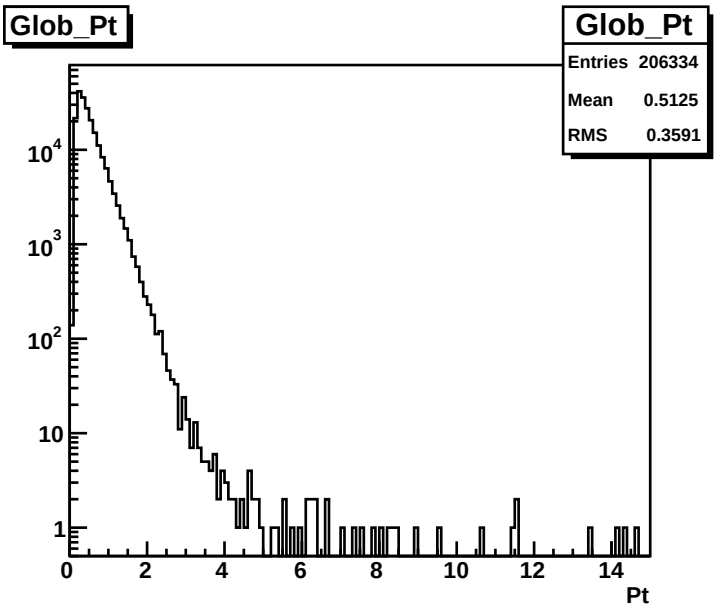

Prim_dEdx
Entries 166919
Mean x 0.08855
Mean y 2.725e-06
RMS x 0.8338
RMS y 7.872e-07
dEdx in GeV/cm
Primary Mommentum

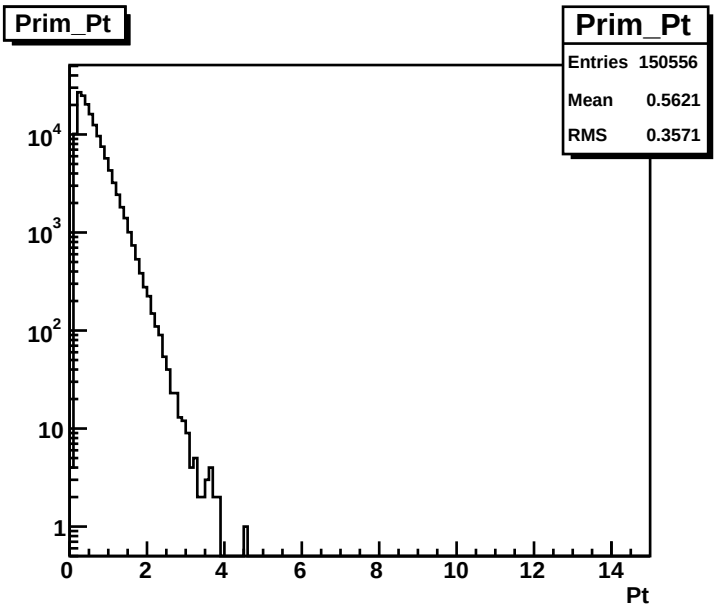

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

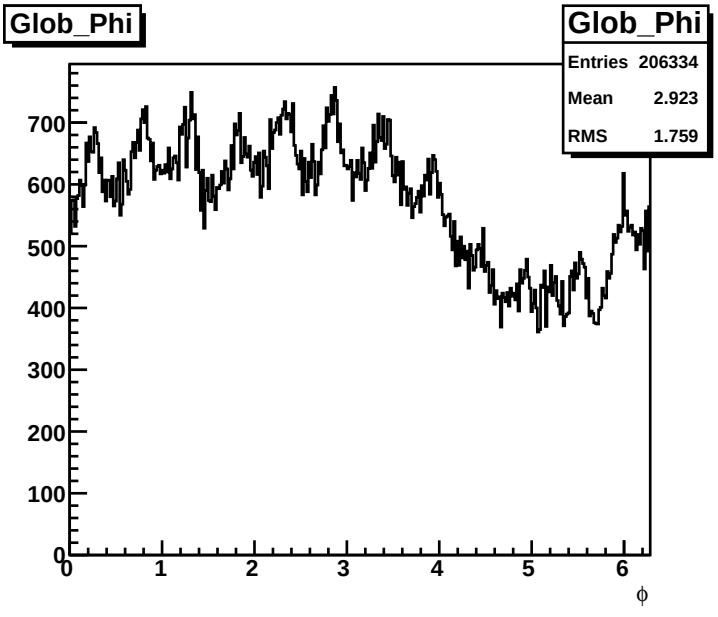

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

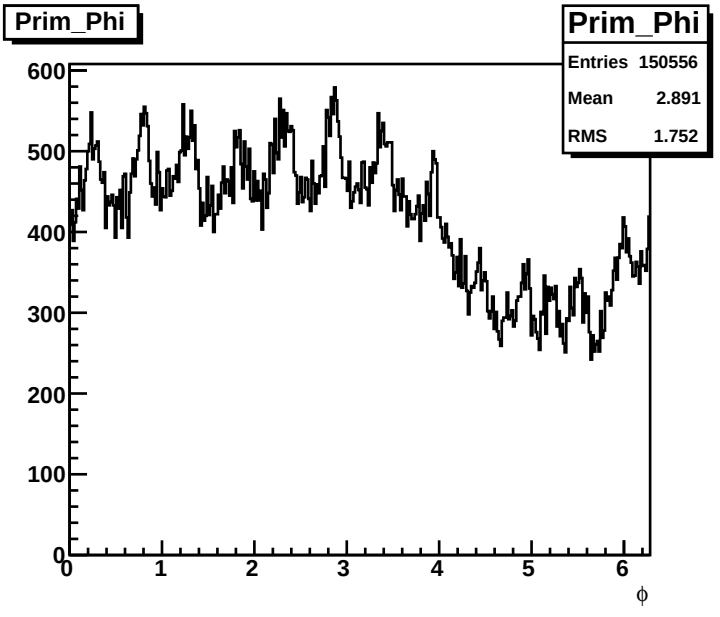

nHits
Entries1006834
Mean 15.78
RMS 10.74
nHits

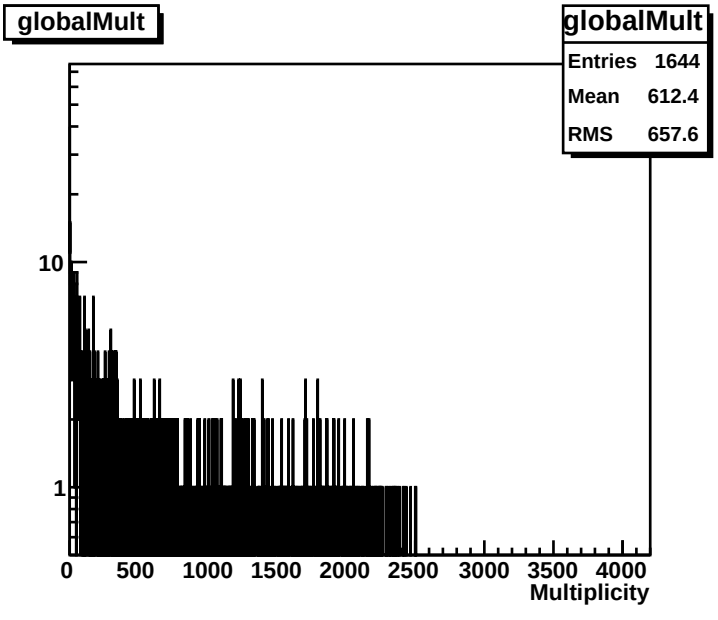

Ln_dEdx
Entries 18306
Mean -12.9
RMS 0.1456
χ² / ndf 190.7 / 157
Apt 149.7 ± 1.6
Pos -12.94 ± 0.00
Sig 0.08077 ± 0.00076
log(dEdx) GeV/cm)

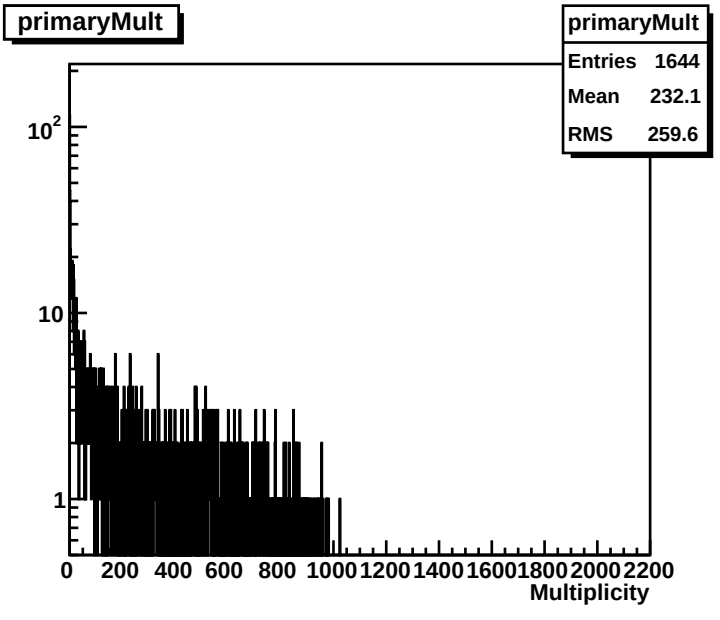

Glob_Pt
Glob_Pt
Entries 206334
Mean 0.5125
RMS 0.3591
Pt

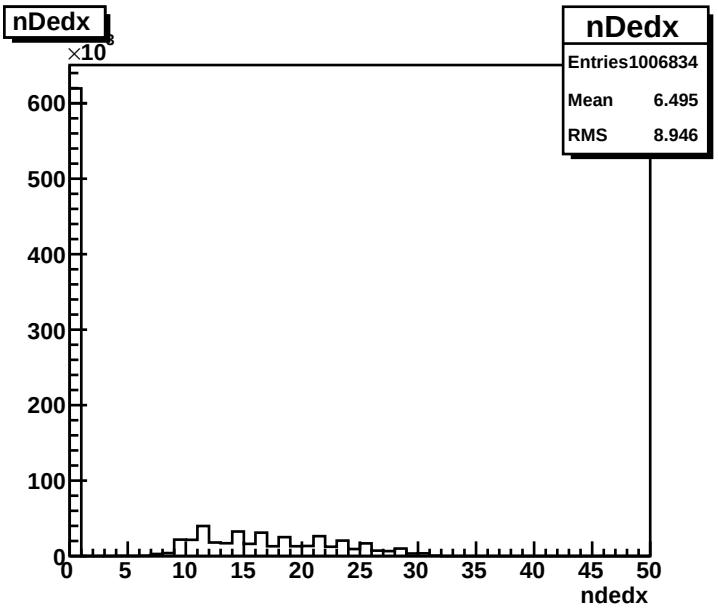

Prim_Pt
Prim_Pt
Entries 150556
Mean 0.5621
RMS 0.3571
Pt

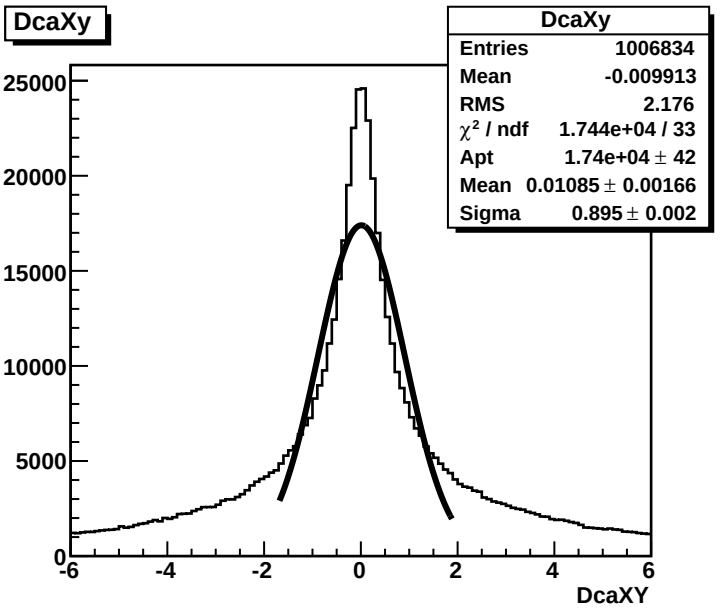

Glob_Phi
Glob_Phi
Entries 206334
Mean 2.923
RMS 1.759
ϕ

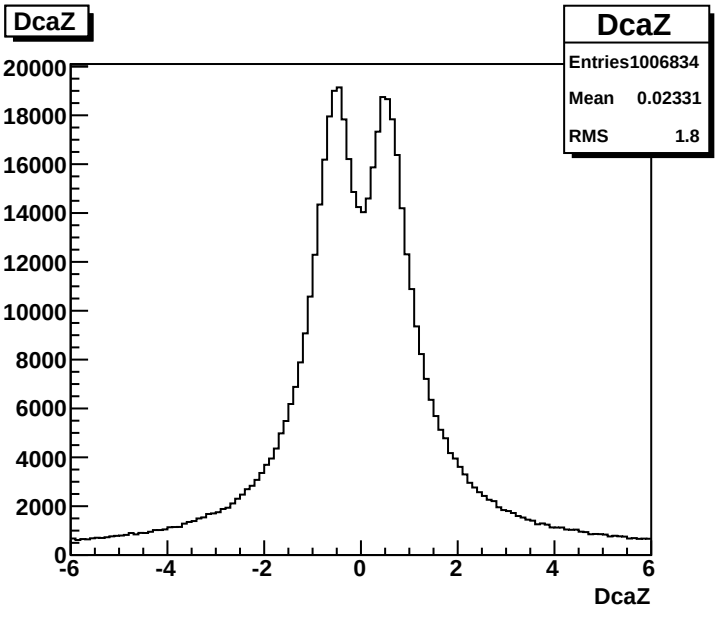

Prim_Phi
Prim_Phi
Entries 150556
Mean 2.891
RMS 1.752
ϕ

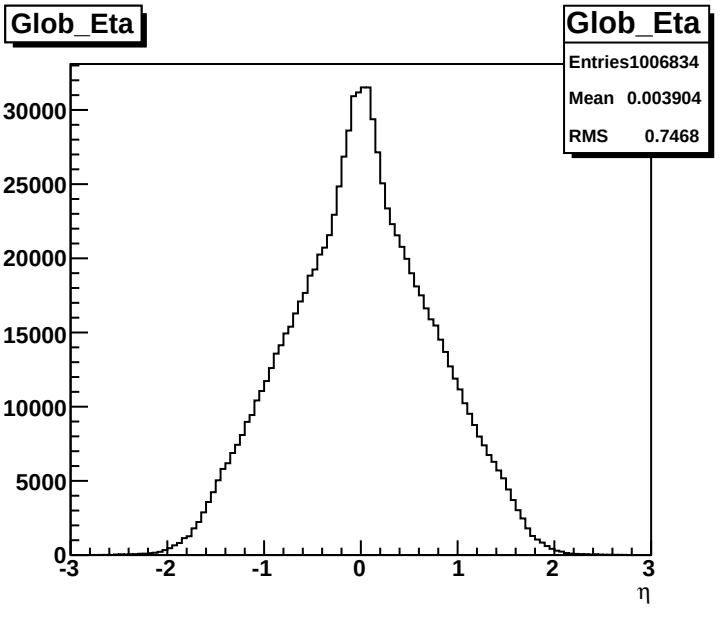

globalMult
globalMult
Entries 1644
Mean 612.4
RMS 657.6
Multiplicity

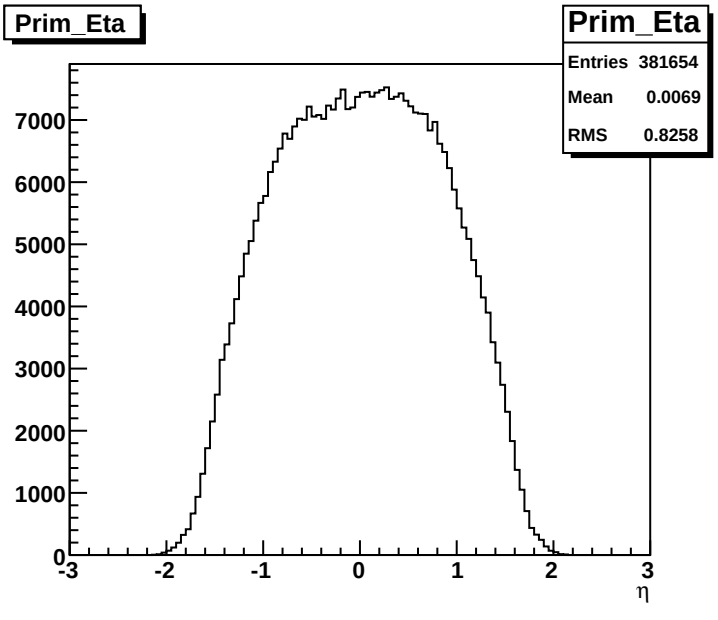

primaryMult
primaryMult
Entries 1644
Mean 232.1
RMS 259.6
Multiplicity

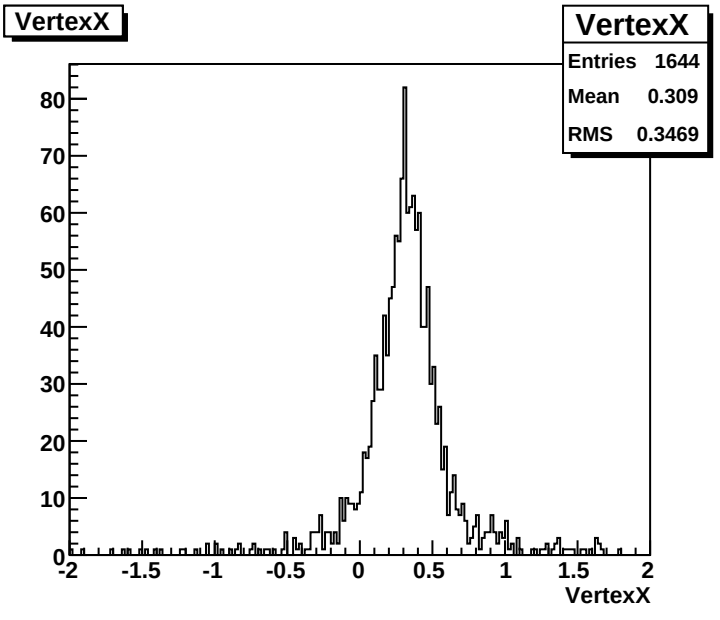

nDedx
nDedx
Entries 1006834
Mean 6.495
RMS 8.946
×10³
ndedx

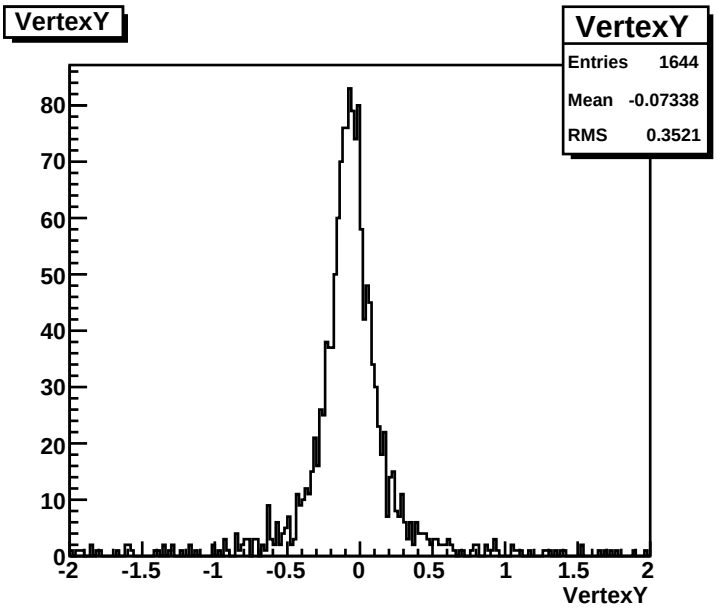

DcaXy
DcaXy
Entries 1006834
Mean -0.009913
RMS 2.176
χ² / ndf 1.744e+04 / 33
Apt 1.74e+04 ± 42
Mean 0.01085 ± 0.00166
Sigma 0.895 ± 0.002
DcaXY

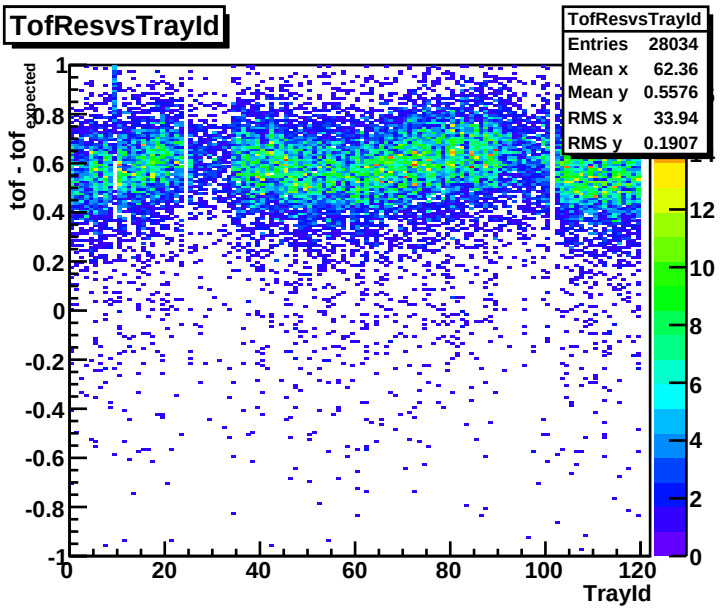

DcaZ
DcaZ
Entries 1006834
Mean 0.02331
RMS 1.8
DcaZ

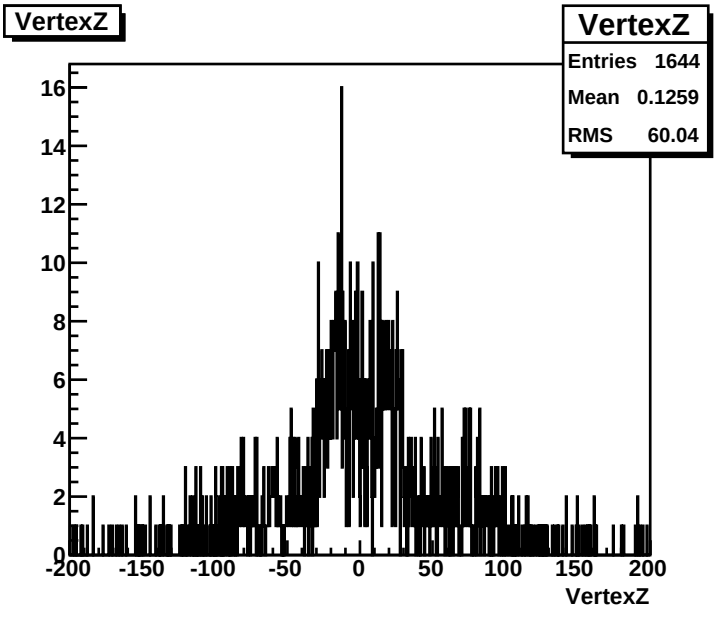

Glob_Eta
Glob_Eta
Entries 1006834
Mean 0.003904
RMS 0.7468
η

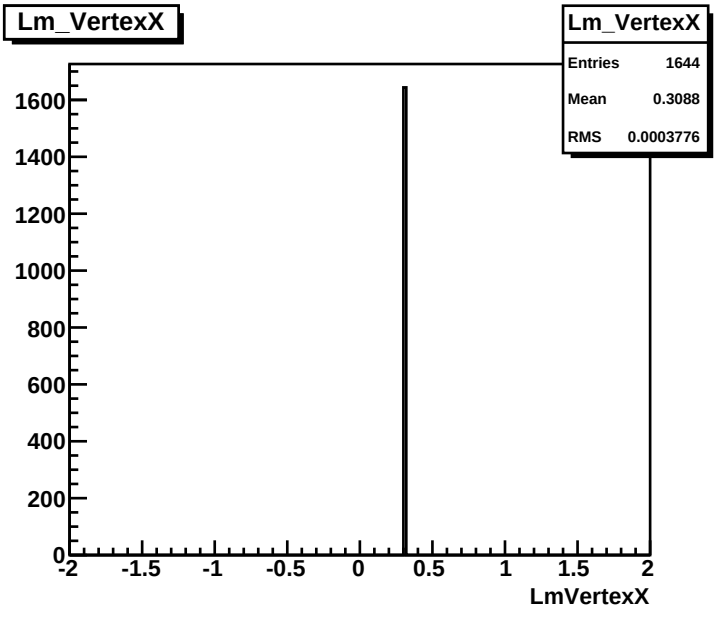

Prim_Eta
Prim_Eta
Entries 381654
Mean 0.0069
RMS 0.8258
η

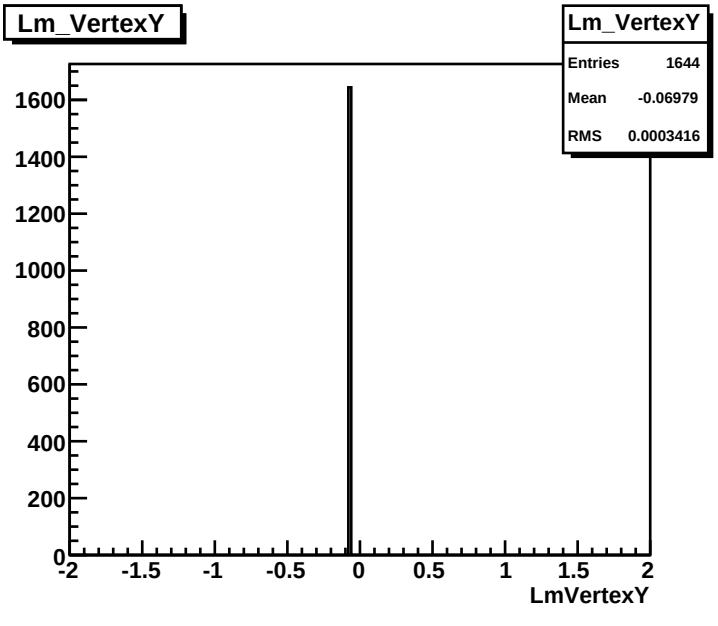

VertexX
VertexX
Entries 1644
Mean 0.309
RMS 0.3469
VertexX

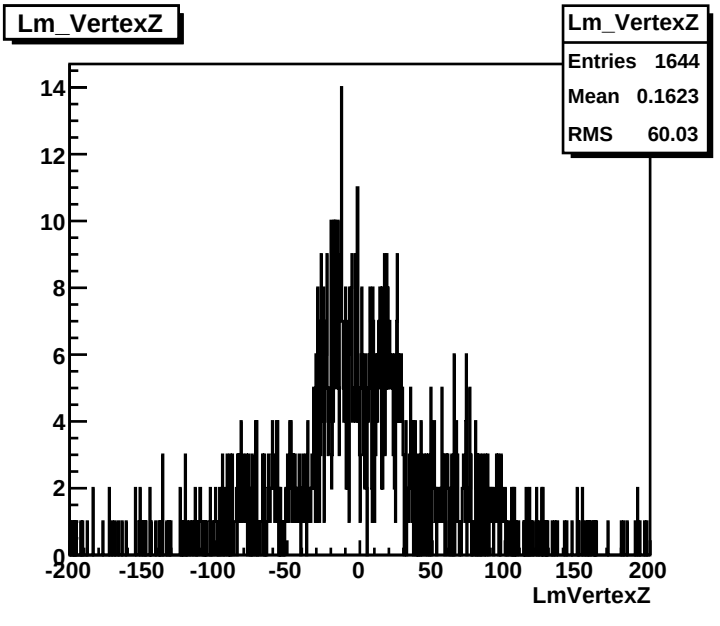

VertexY
VertexY
Entries 1644
Mean -0.07338
RMS 0.3521
VertexY

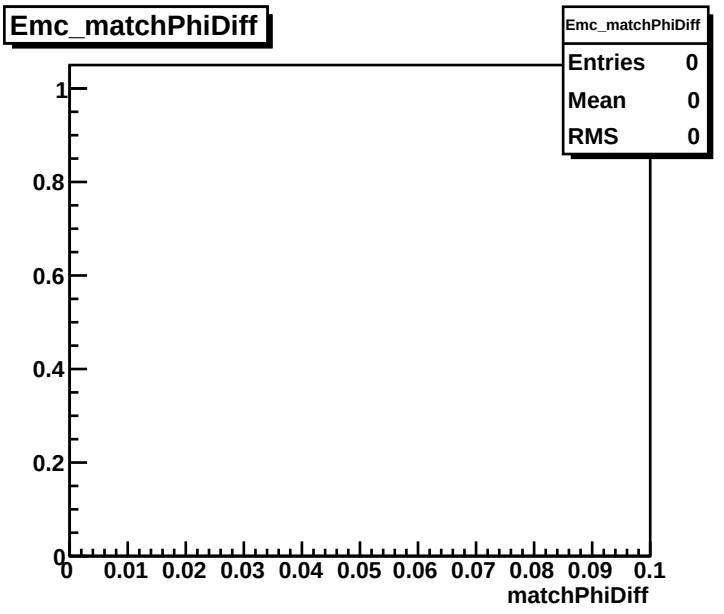

TofResvsTrayId
TofResvsTrayId
Entries 28034
Mean x 62.36
Mean y 0.5576
RMS x 33.94
RMS y 0.1907
tof - tof expected
TrayId

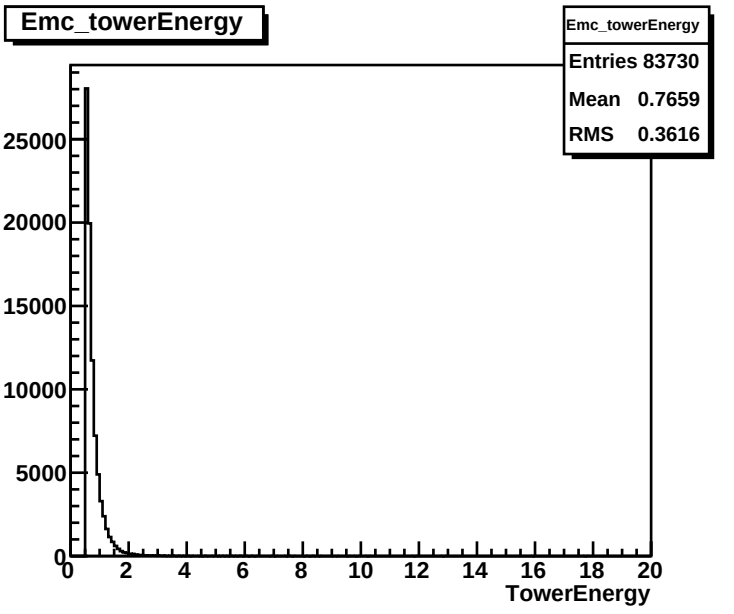

VertexZ
VertexZ
Entries 1644
Mean 0.1259
RMS 60.04
VertexZ

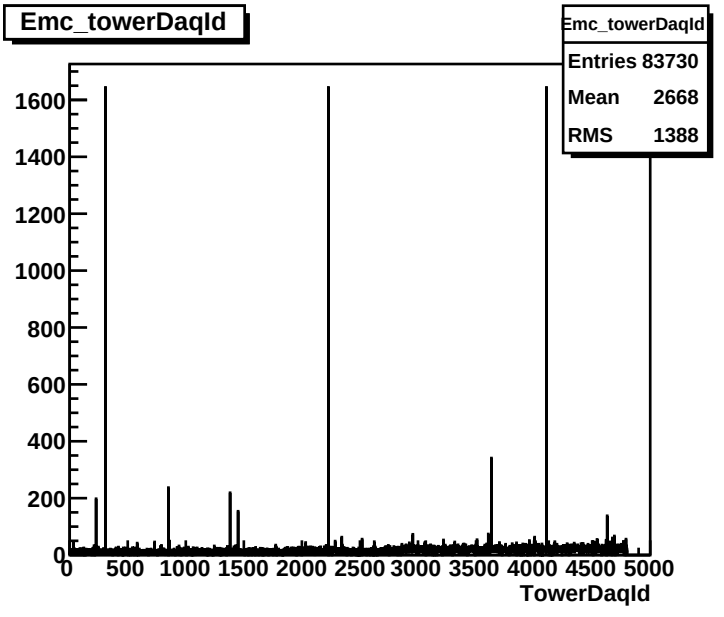

Lm_VertexX
Lm_VertexX
Entries 1644
Mean 0.3088
RMS 0.0003776
LmVertexX

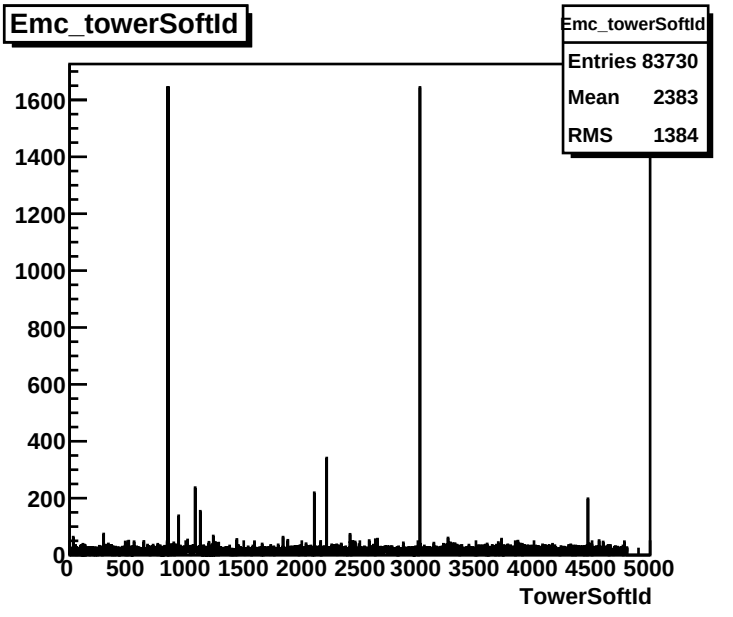

Lm_VertexY
Lm_VertexY
Entries 1644
Mean -0.06979
RMS 0.0003416
LmVertexY

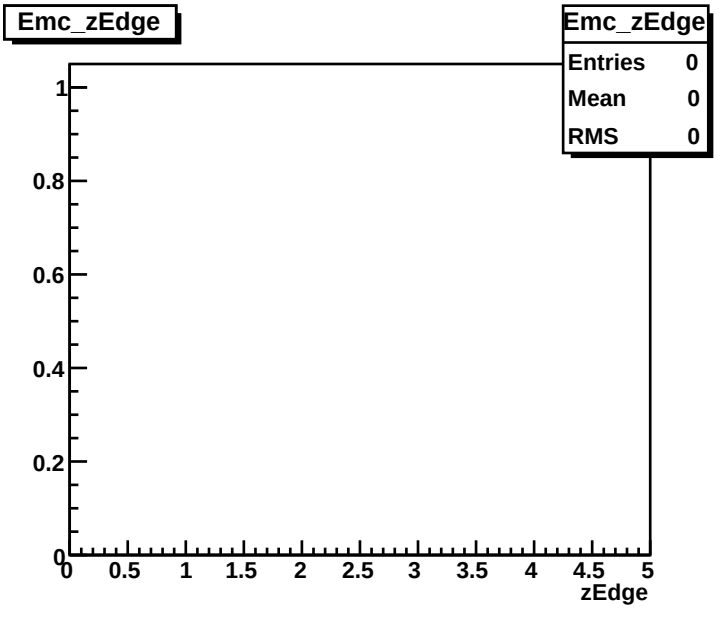

Lm_VertexZ
Lm_VertexZ
Entries 1644
Mean 0.1623
RMS 60.03
LmVertexZ

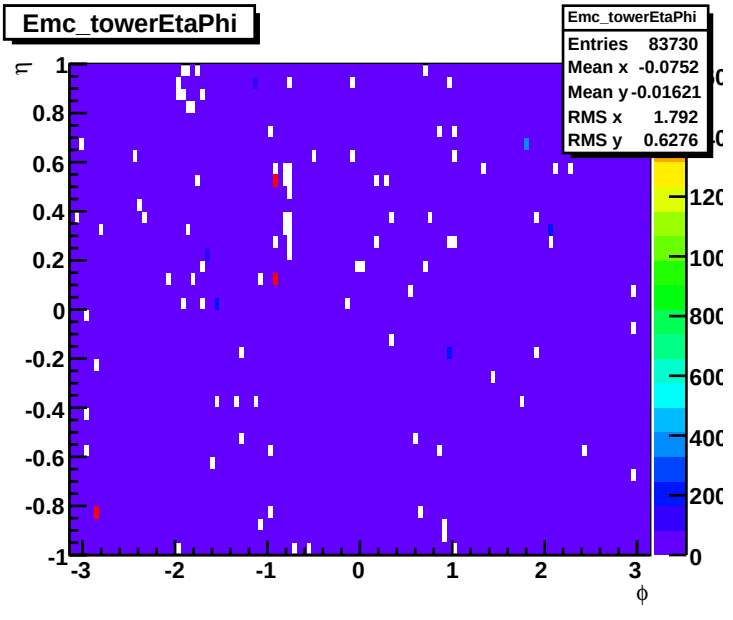

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

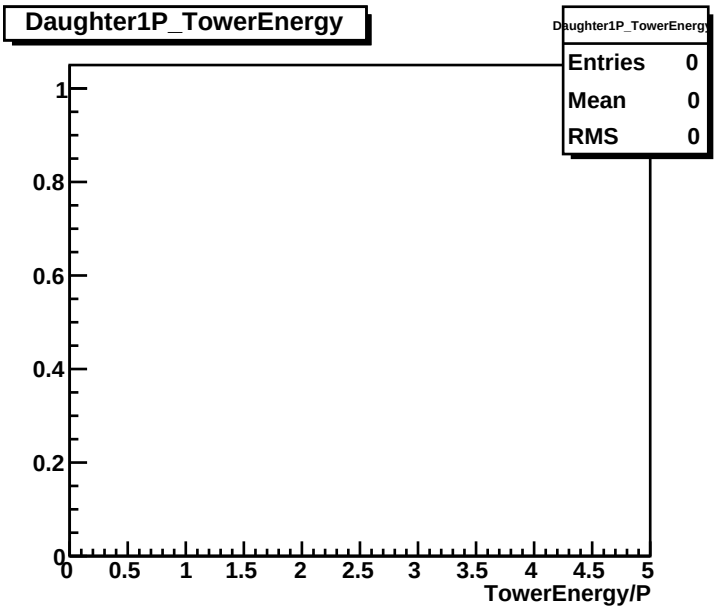

Emc_towerEnergy
Emc_towerEnergy
Entries 83730
Mean 0.7659
RMS 0.3616
TowerEnergy

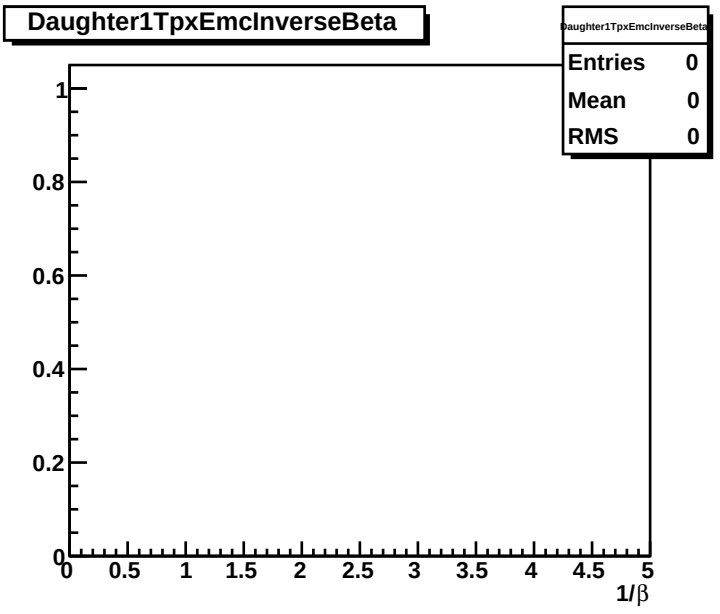

Emc_towerDaqId
Emc_towerDaqId
Entries 83730
Mean 2668
RMS 1388
TowerDaqId

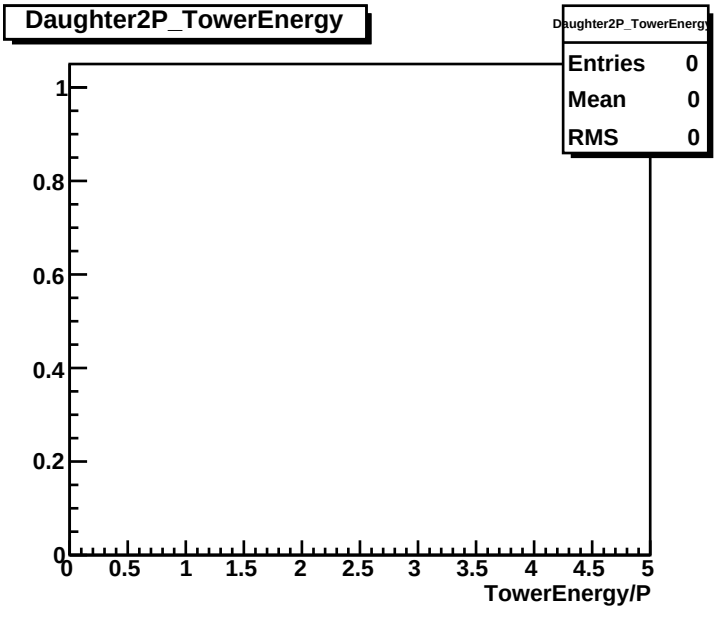

Emc_towerSoftId
Emc_towerSoftId
Entries 83730
Mean 2383
RMS 1384
TowerSoftId

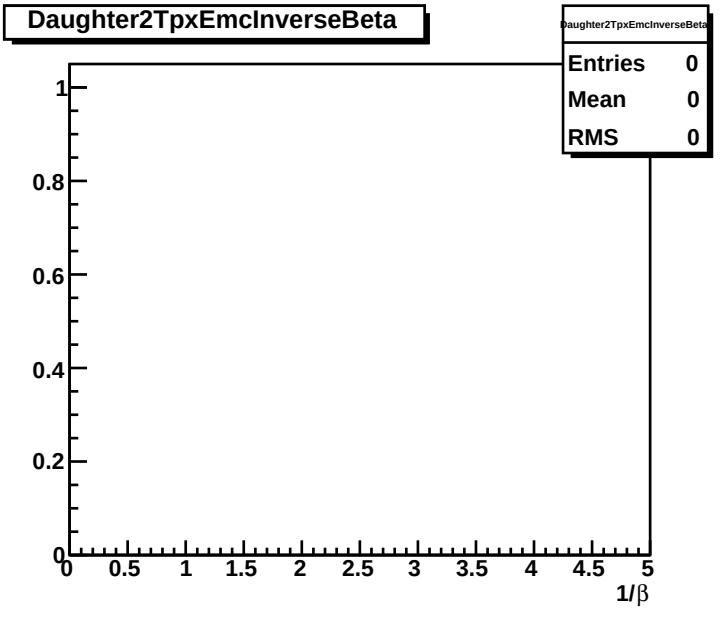

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

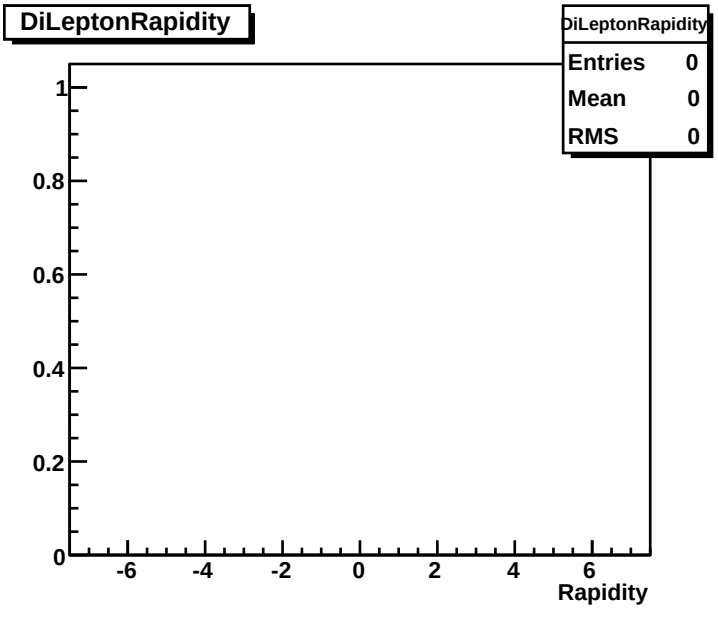

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 83730
Mean x -0.0752
Mean y -0.01621
RMS x 1.792
RMS y 0.6276
η
ϕ

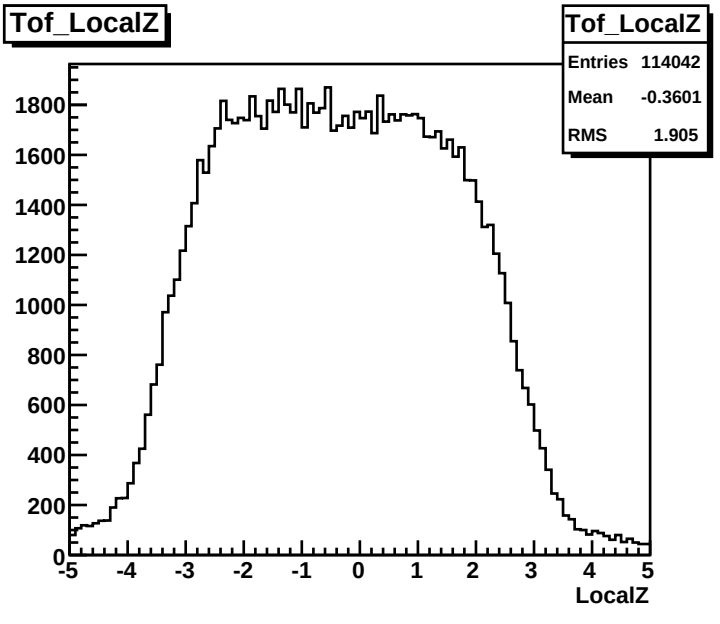

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

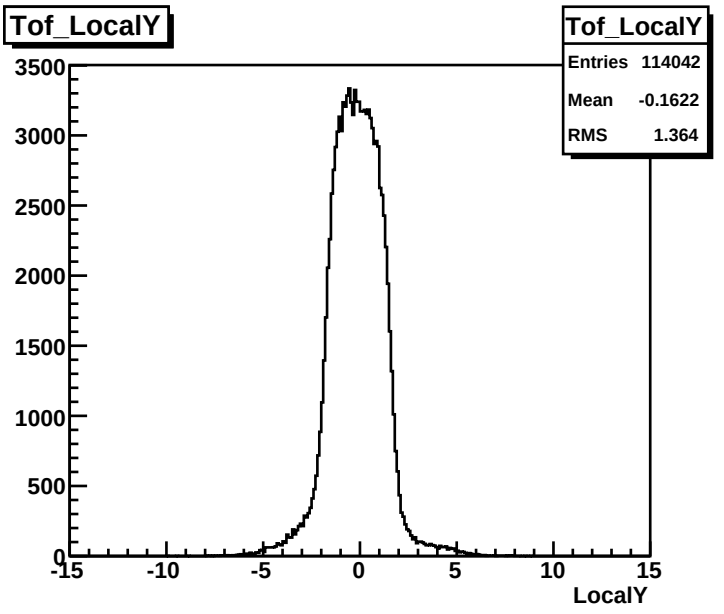

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

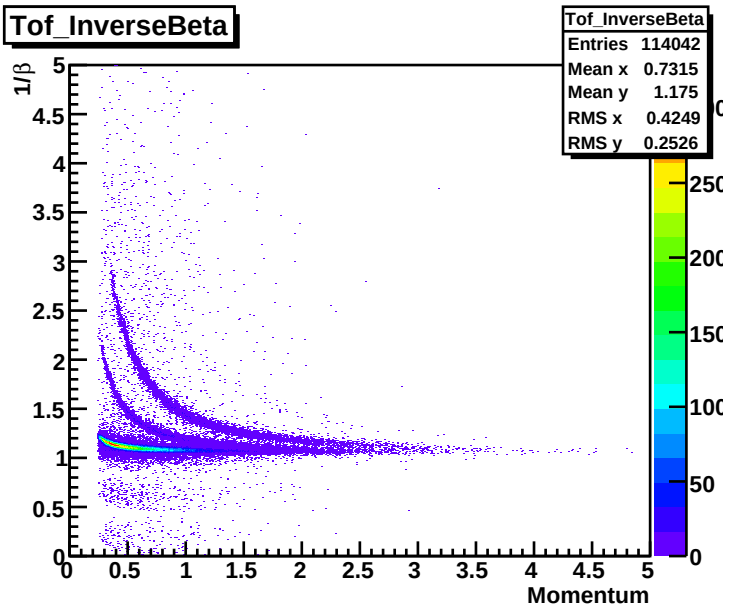

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

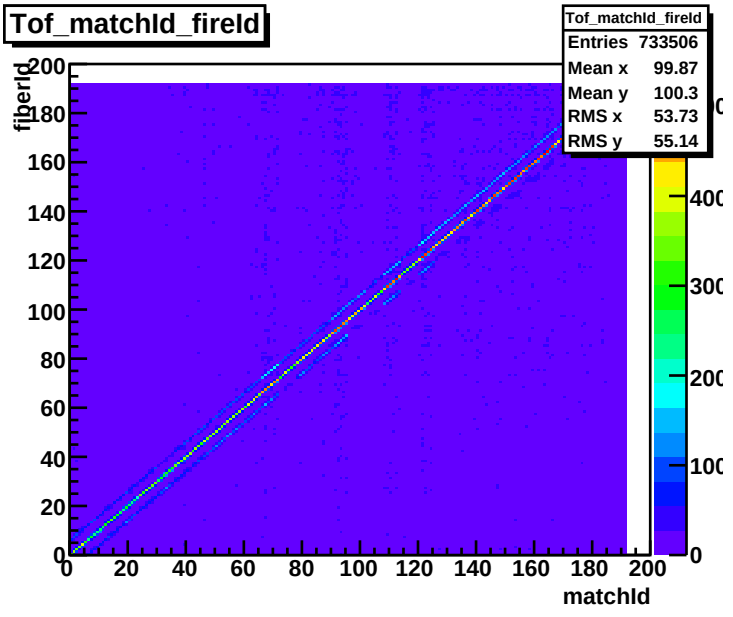

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

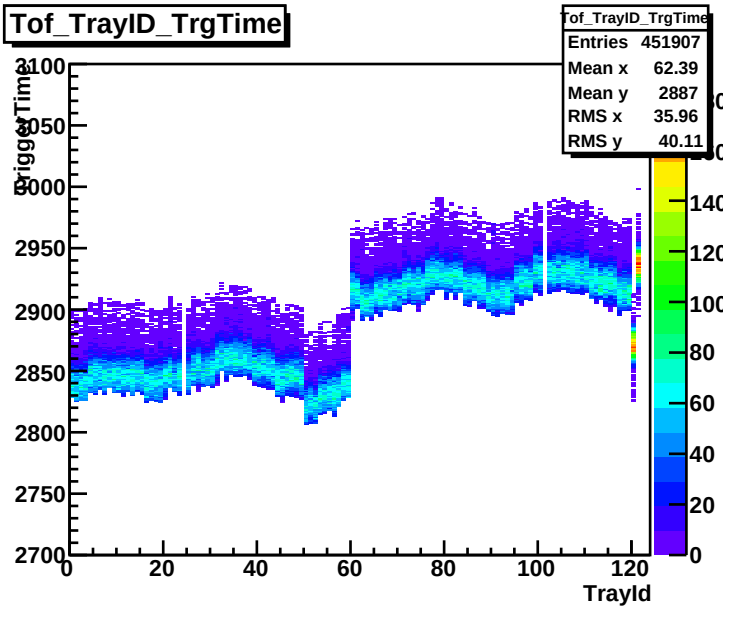

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

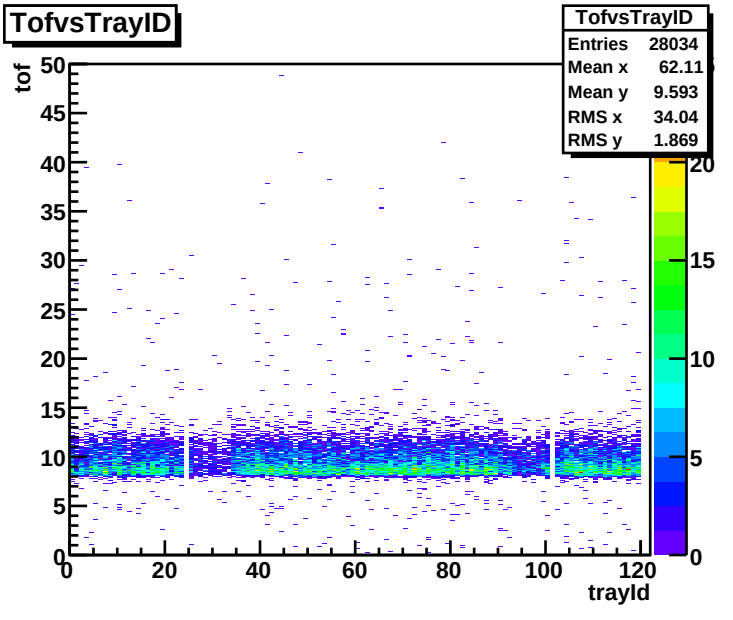

Tof_LocalZ
Tof_LocalZ
Entries 114042
Mean -0.3601
RMS 1.905
LocalZ

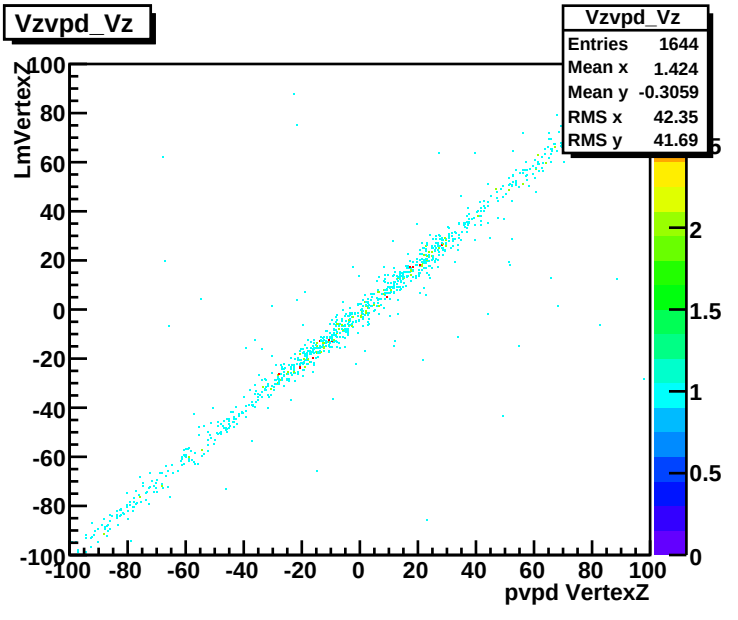

Tof_LocalY
Tof_LocalY
Entries 114042
Mean -0.1622
RMS 1.364
LocalY

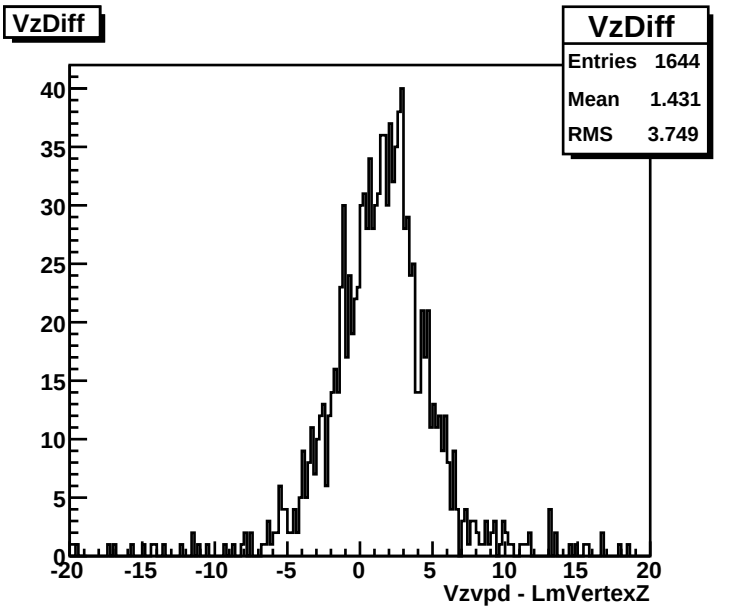

Tof_InverseBeta
Tof_InverseBeta
Entries 114042
Mean x 0.7315
Mean y 1.175
RMS x 0.4249
RMS y 0.2526
1/β
Momentum

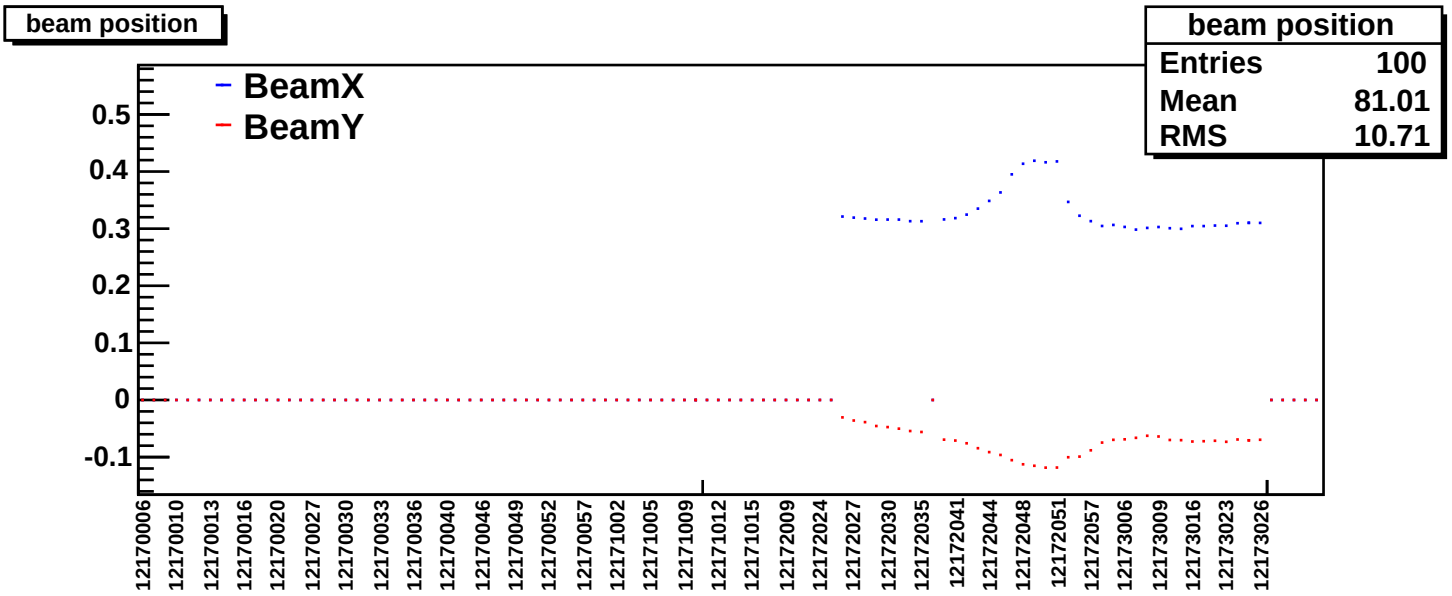

Tof_matchId_fireId
Tof_matchId_fireId
Entries 733506
Mean x 99.87
Mean y 100.3
RMS x 53.73
RMS y 55.14
fiberId
matchId

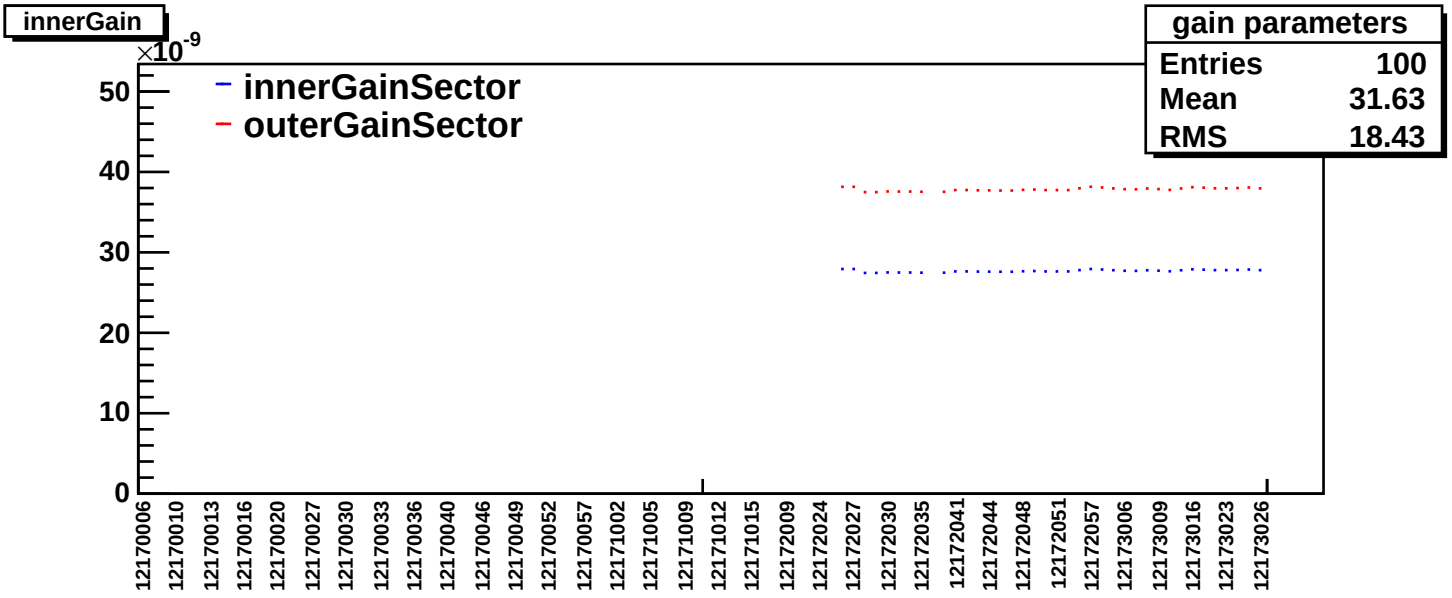

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 451907
Mean x 62.39
Mean y 2887
RMS x 35.96
RMS y 40.11
TrgTime
TrayId

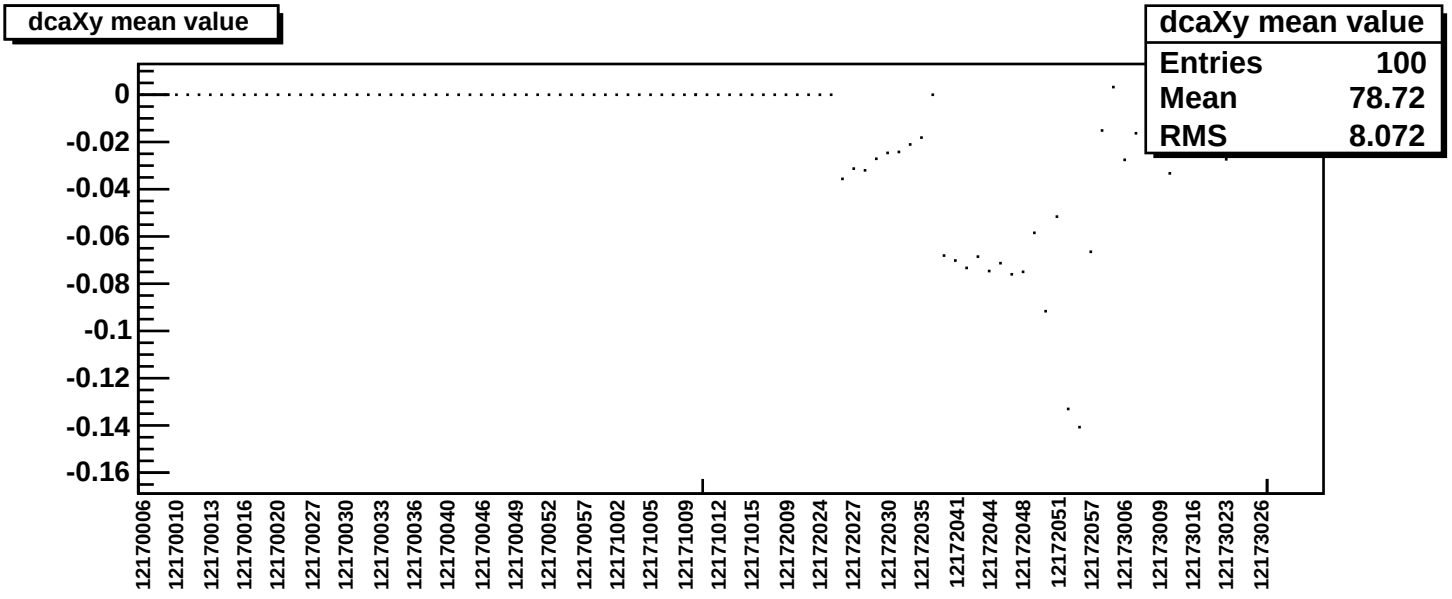

TofvsTrayID
TofvsTrayID
Entries 28034
Mean x 62.11
Mean y 9.593
RMS x 34.04
RMS y 1.869
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 1644
Mean x 1.424
Mean y -0.3059
RMS x 42.35
RMS y 41.69
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 1644
Mean 1.431
RMS 3.749
40
35
30
25
20
15
10
5
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 81.01
RMS 10.71
BeamX
BeamY
0.5
0.4
0.3
0.2
0.1
0
-0.1
12170006 12170010 12170013 12170016 12170020 12170027 12170030 12170033 12170036 12170040 12170046 12170049 12170052 12170057 12171002 12171005 12171009 12171012 12171015 12172009 12172024 12172027 12172030 12172035 12172041 12172044 12172048 12172051 12172057 12173006 12173009 12173016 12173023 12173026


innerGain
gain parameters
Entries 100
Mean 31.63
RMS 18.43
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12170006 12170010 12170013 12170016 12170020 12170027 12170030 12170033 12170036 12170040 12170046 12170049 12170052 12170057 12171002 12171005 12171009 12171012 12171015 12172009 12172024 12172027 12172030 12172035 12172041 12172044 12172048 12172051 12172057 12173006 12173009 12173016 12173023 12173026


dcaXy mean value
dcaXy mean value
Entries 100
Mean 78.72
RMS 8.072
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
-0.14
-0.16
12170006 12170010 12170013 12170016 12170020 12170027 12170030 12170033 12170036 12170040 12170046 12170049 12170052 12170057 12171002 12171005 12171009 12171012 12171015 12172009 12172024 12172027 12172030 12172035 12172041 12172044 12172048 12172051 12172057 12173006 12173009 12173016 12173023 12173026