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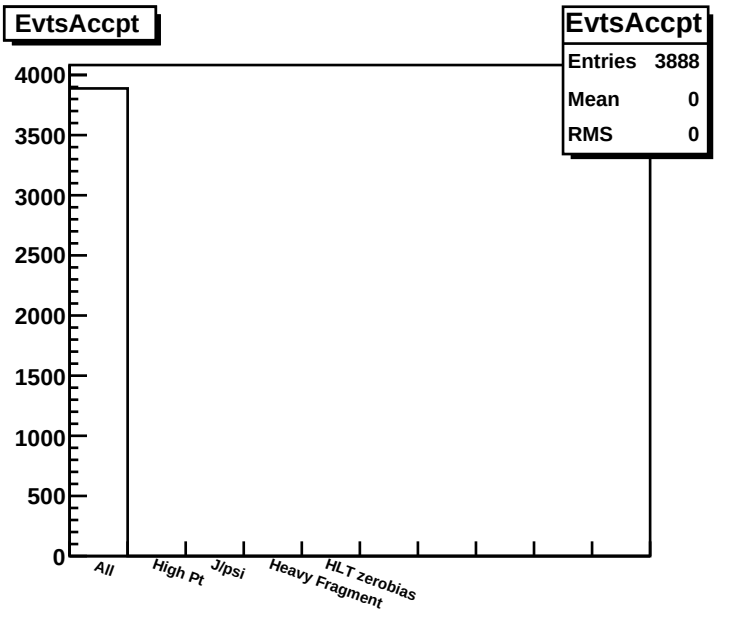
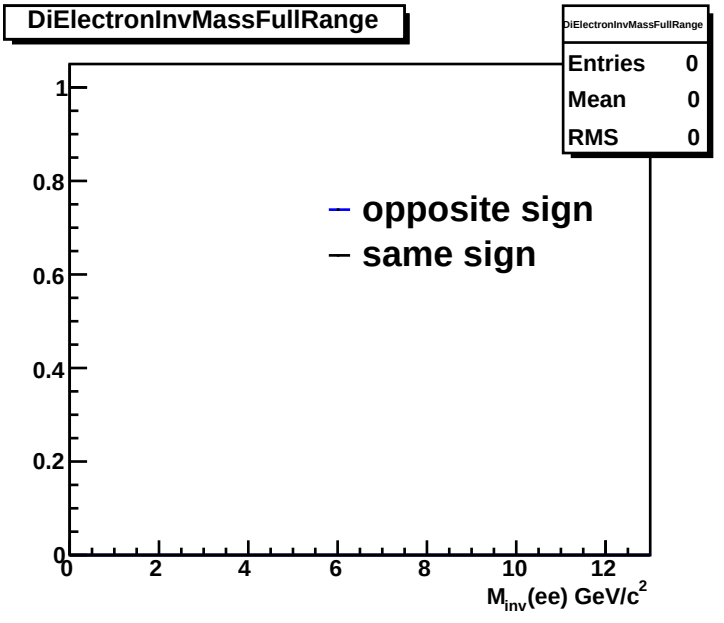
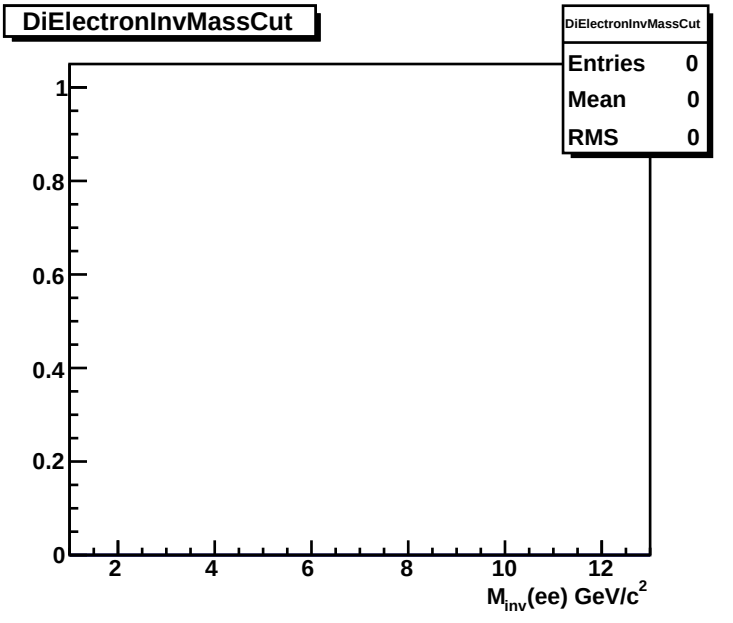
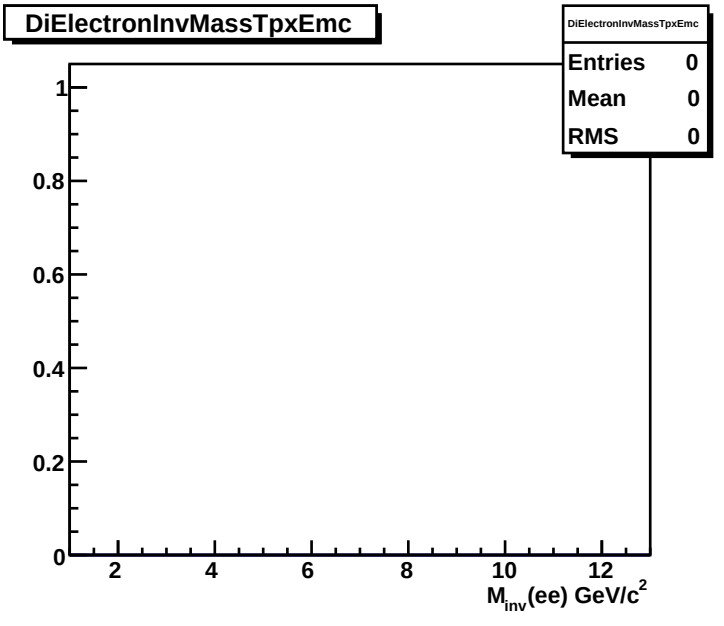
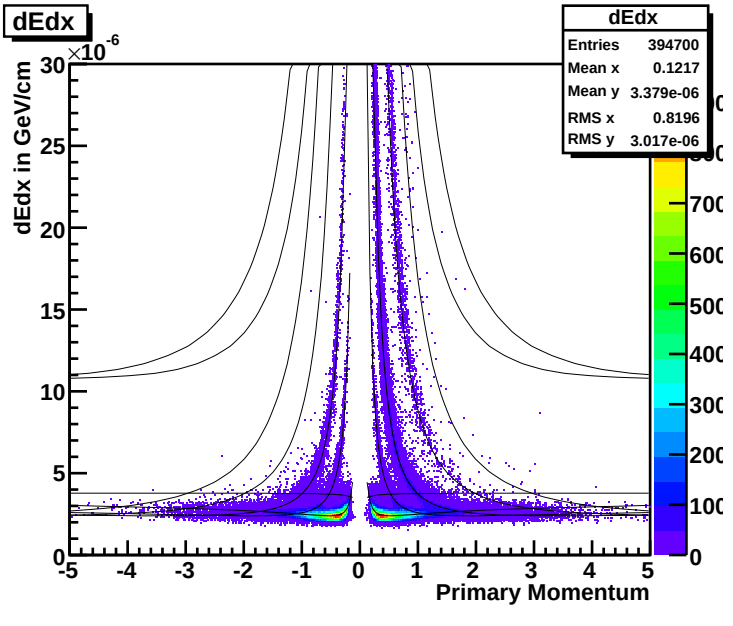
Tue Jun 21 15:50:42 2011

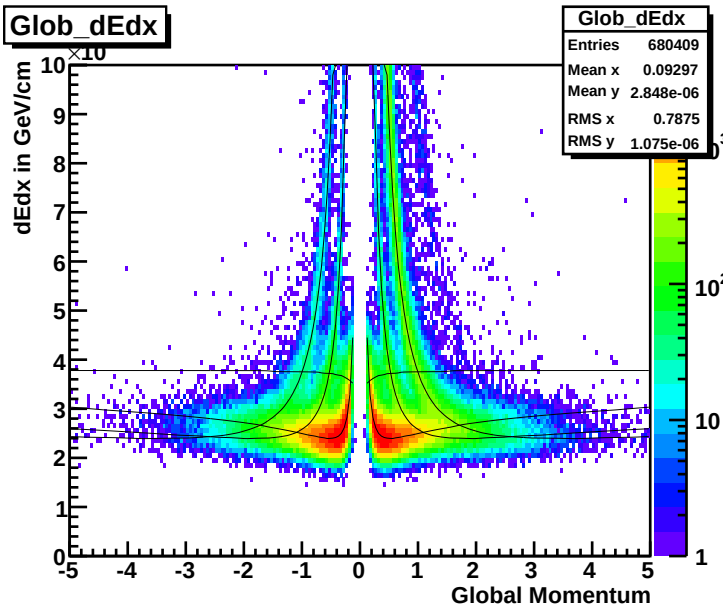


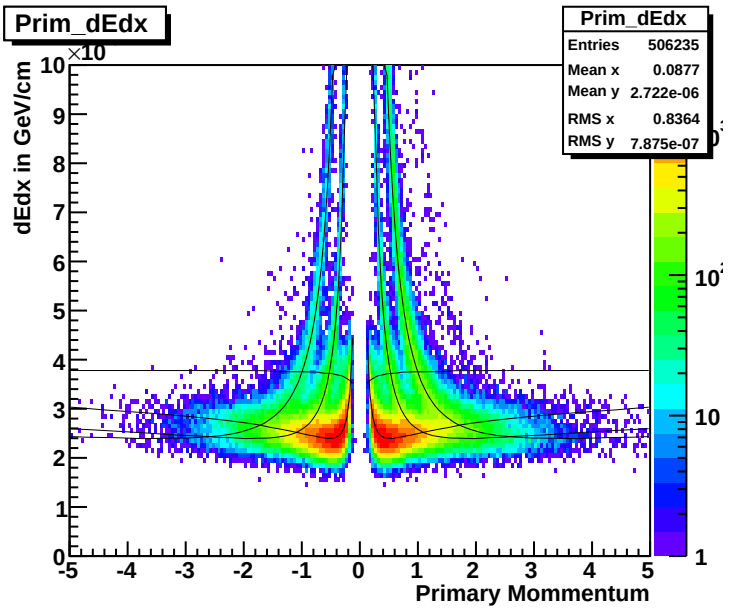


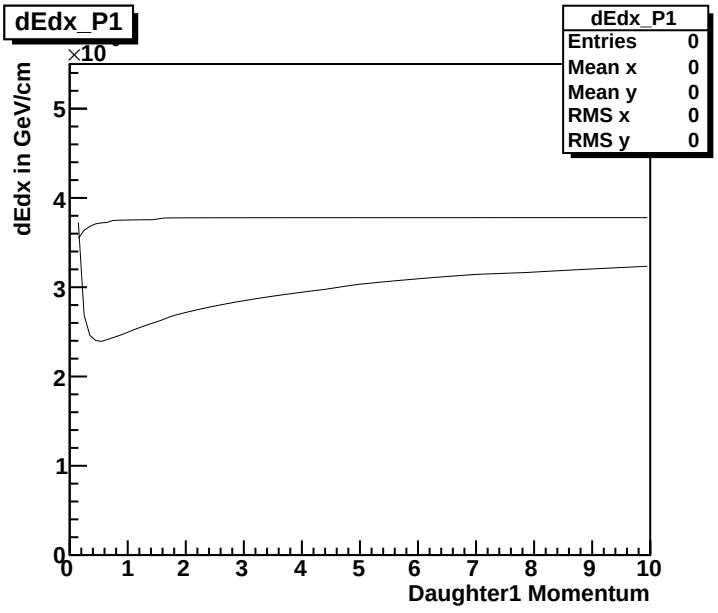


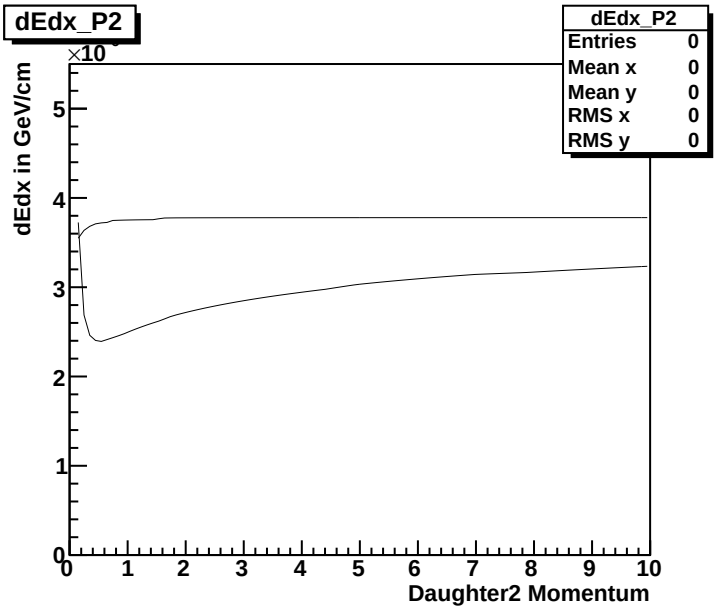


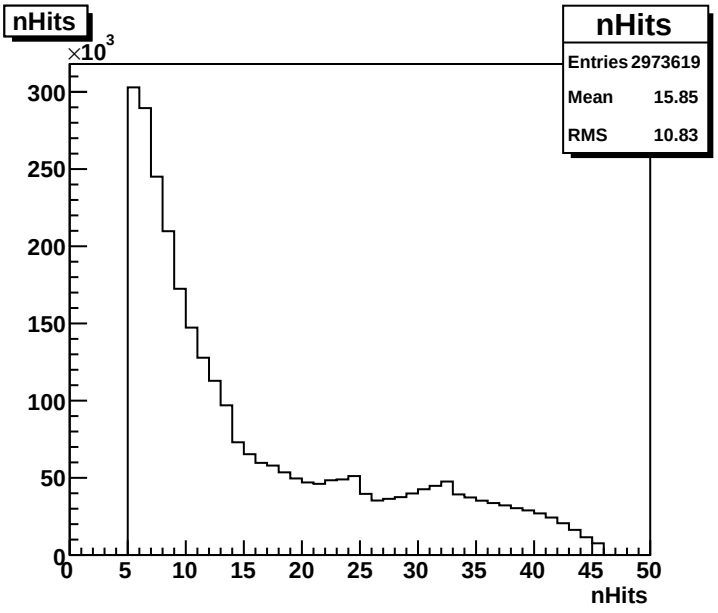


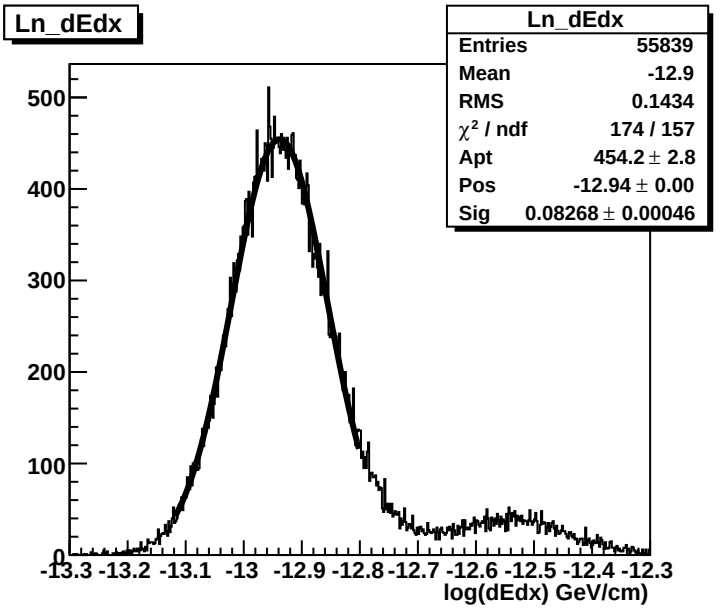

Glob_dEdx
Entries 680409
Mean x 0.09297
Mean y 2.848e-06
RMS x 0.7875
RMS y 1.075e-06
dEdx in GeV/cm
Global Momentum

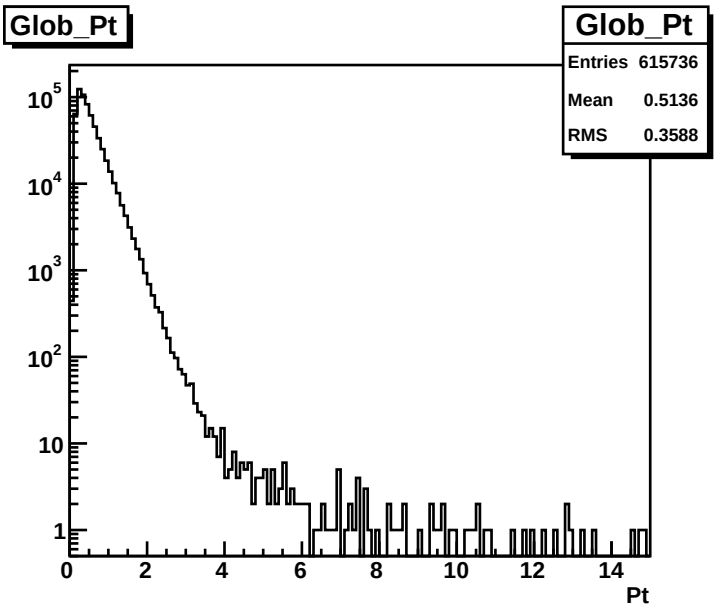

Prim_dEdx
Entries 506235
Mean x 0.0877
Mean y 2.722e-06
RMS x 0.8364
RMS y 7.875e-07
dEdx in GeV/cm
Primary Mommentum

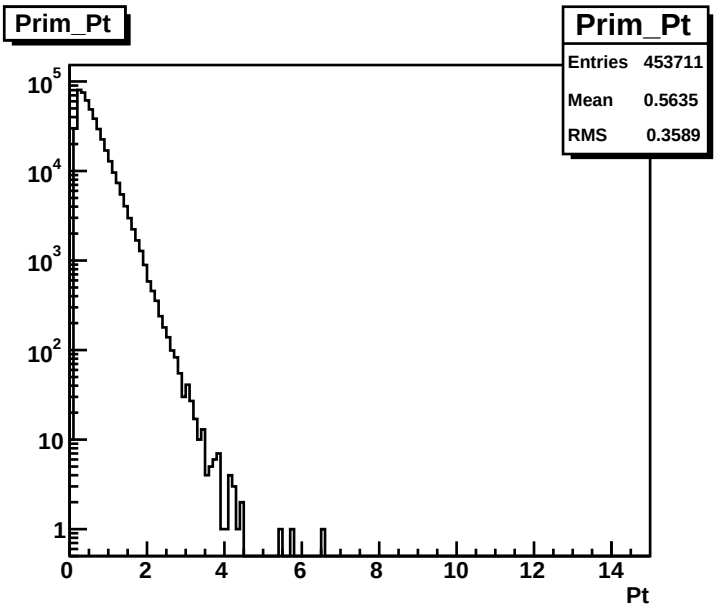

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

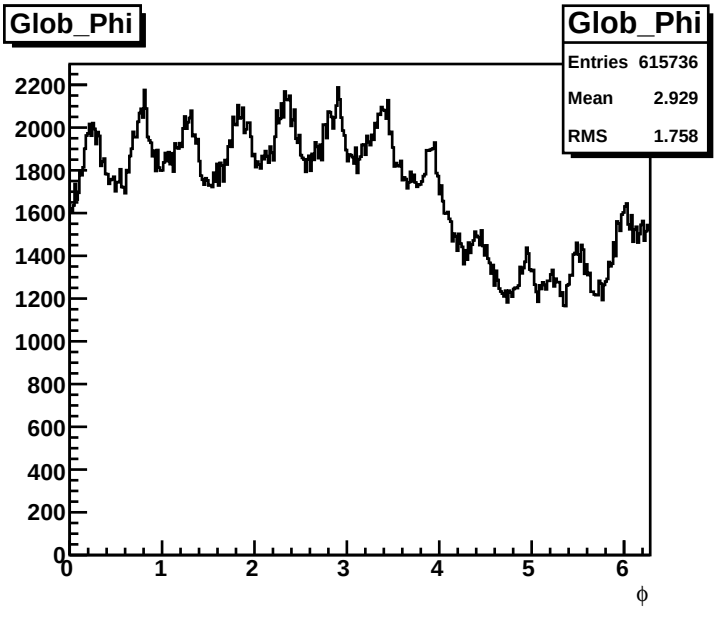

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

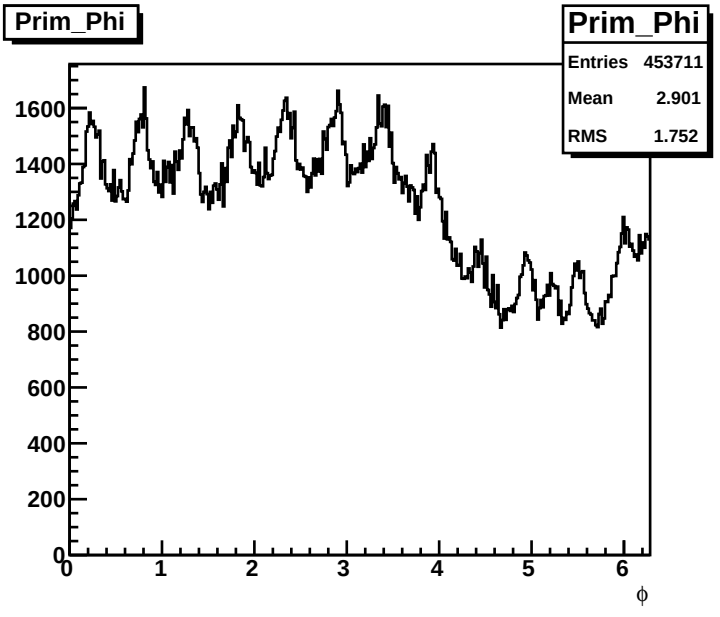

nHits
Entries 2973619
Mean 15.85
RMS 10.83
nHits

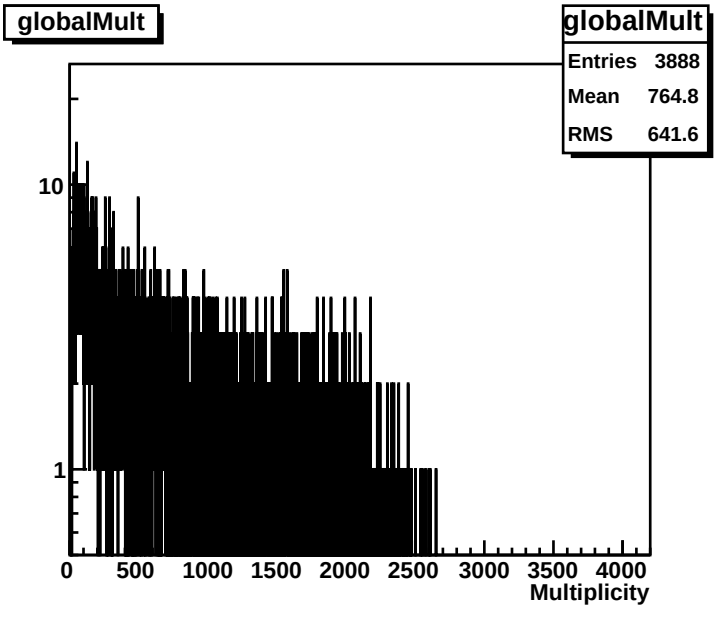

Ln_dEdx
Entries 55839
Mean -12.9
RMS 0.1434
χ² / ndf 174 / 157
Apt 454.2 ± 2.8
Pos -12.94 ± 0.00
Sig 0.08268 ± 0.00046
log(dEdx) GeV/cm)

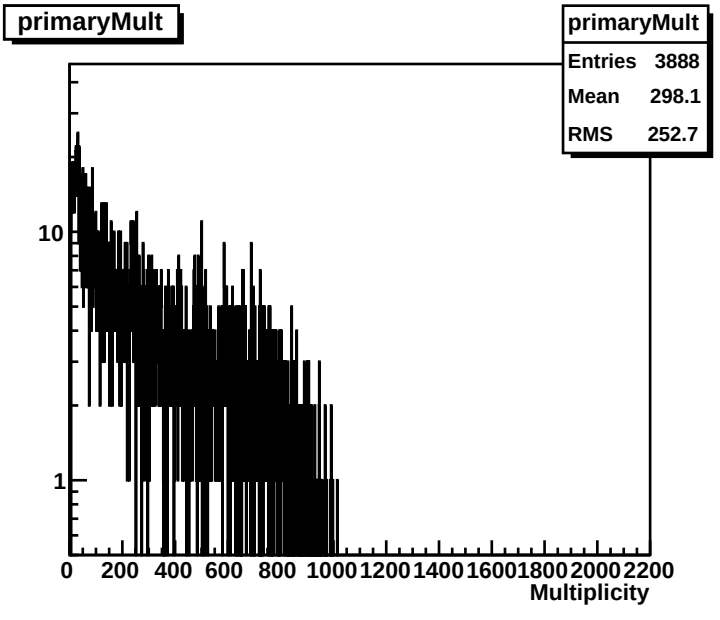

Glob_Pt
Glob_Pt
Entries 615736
Mean 0.5136
RMS 0.3588
Pt

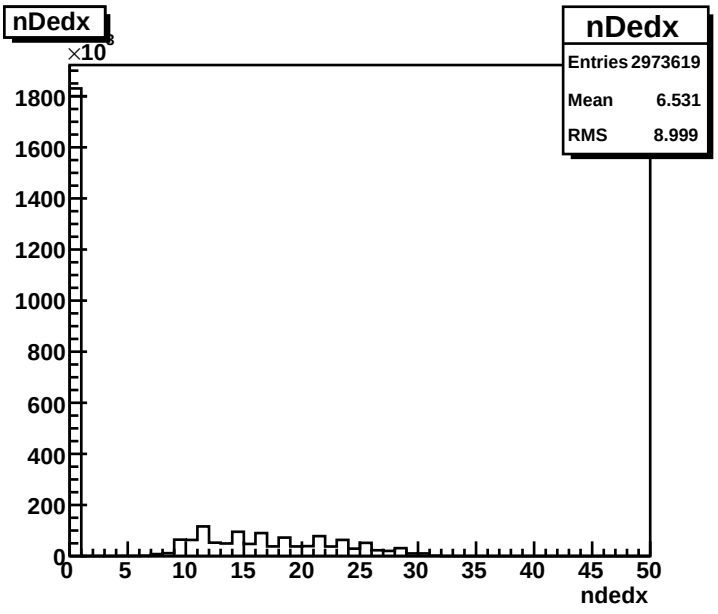

Prim_Pt
Prim_Pt
Entries 453711
Mean 0.5635
RMS 0.3589
Pt

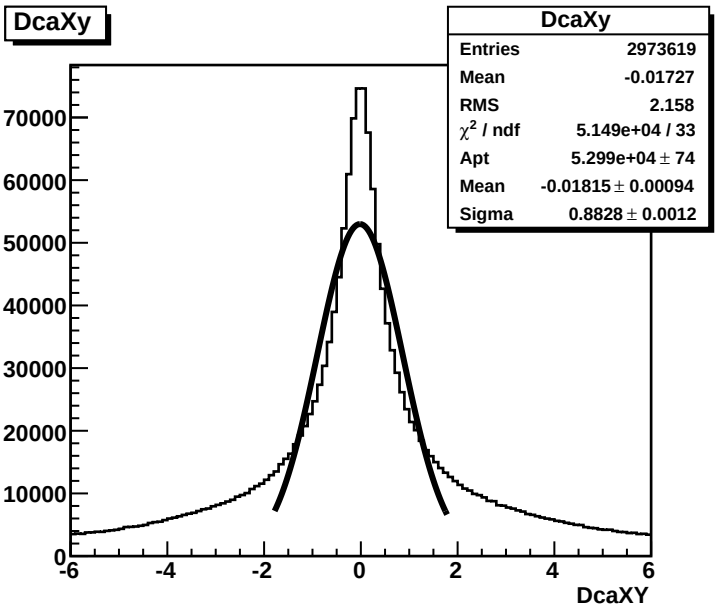

Glob_Phi
Glob_Phi
Entries 615736
Mean 2.929
RMS 1.758
ϕ

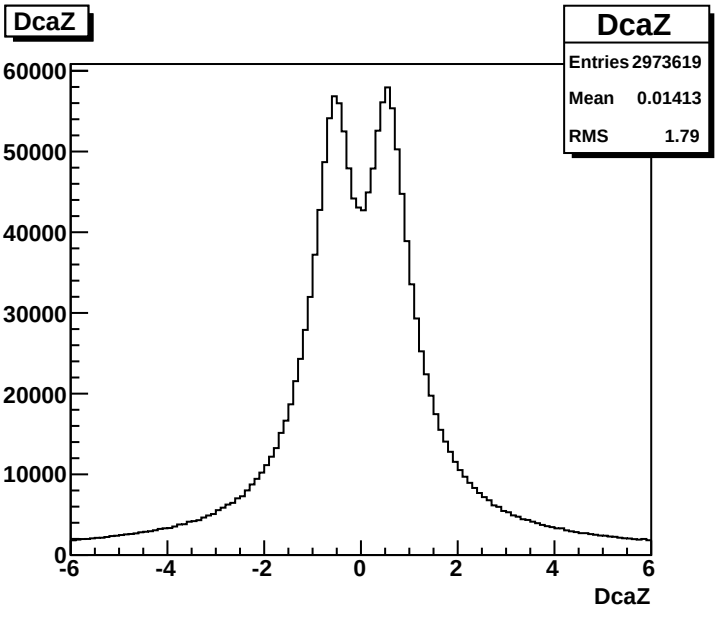

Prim_Phi
Prim_Phi
Entries 453711
Mean 2.901
RMS 1.752
ϕ

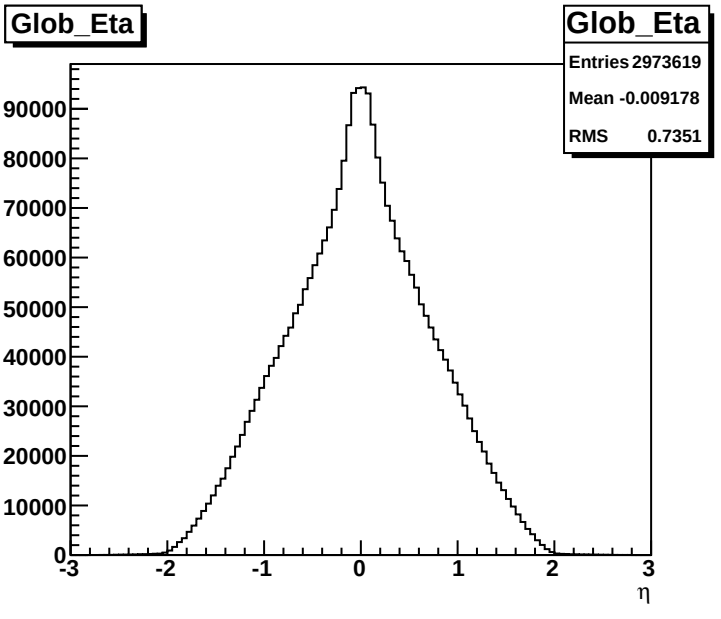

globalMult
globalMult
Entries 3888
Mean 764.8
RMS 641.6
Multiplicity

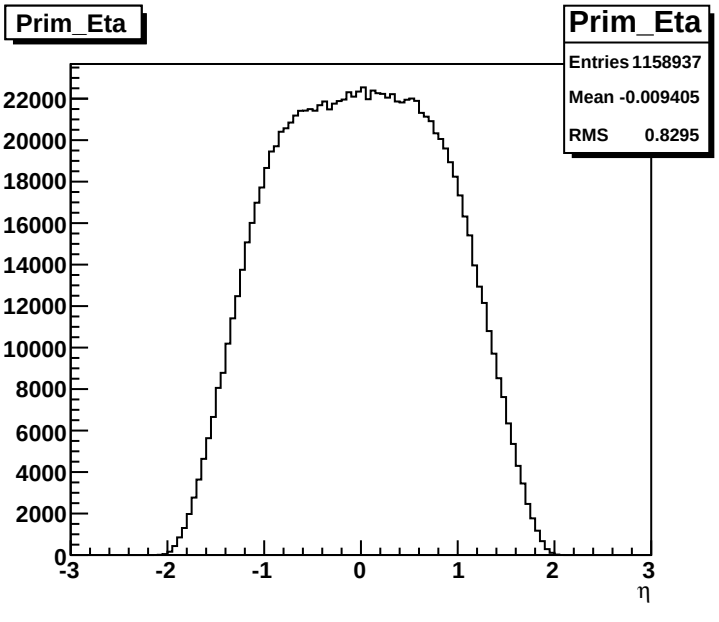

primaryMult
primaryMult
Entries 3888
Mean 298.1
RMS 252.7
Multiplicity

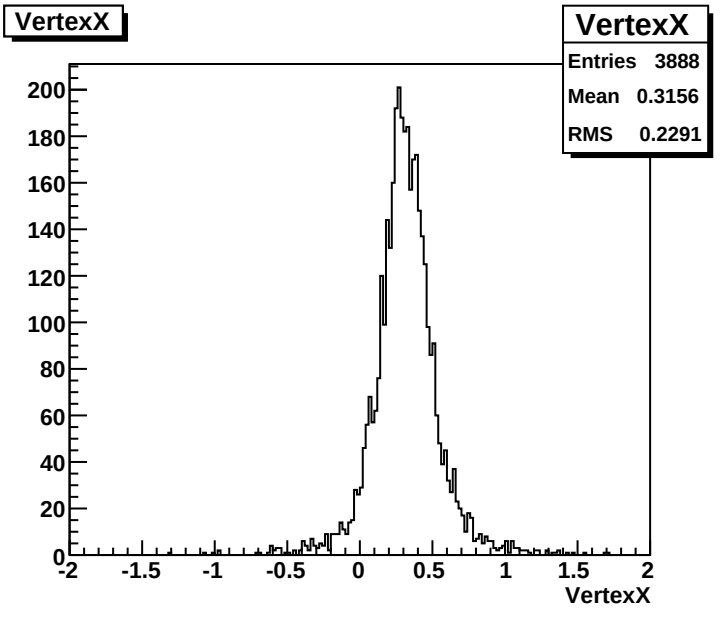

nDedx
nDedx
Entries 2973619
Mean 6.531
RMS 8.999
×10³
ndedx

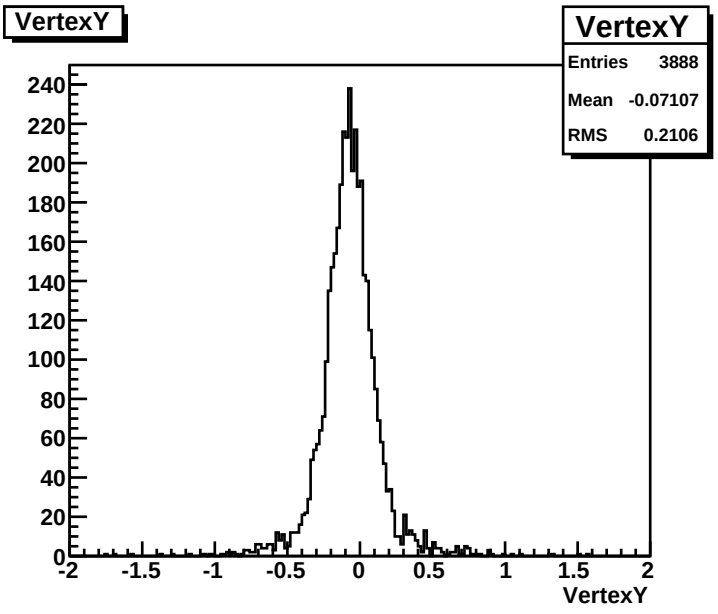

DcaXy
DcaXy
Entries 2973619
Mean -0.01727
RMS 2.158
χ² / ndf 5.149e+04 / 33
Apt 5.299e+04 ± 74
Mean -0.01815 ± 0.00094
Sigma 0.8828 ± 0.0012
DcaXY

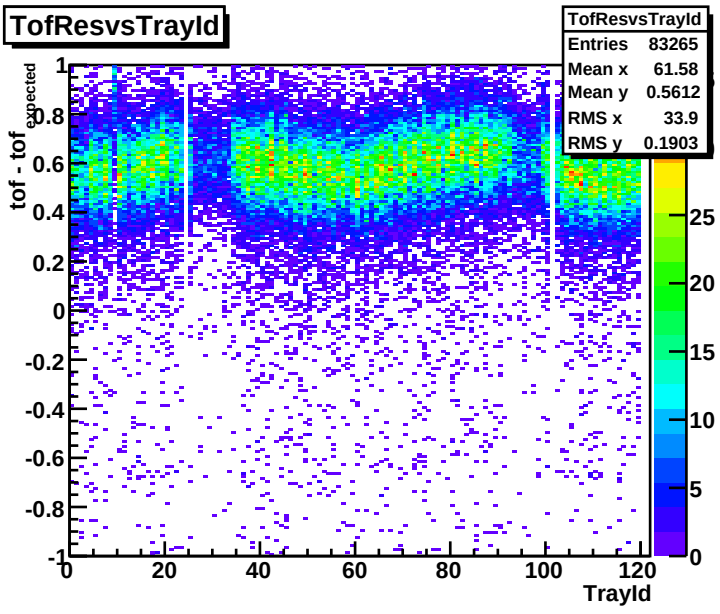

DcaZ
DcaZ
Entries 2973619
Mean 0.01413
RMS 1.79
DcaZ

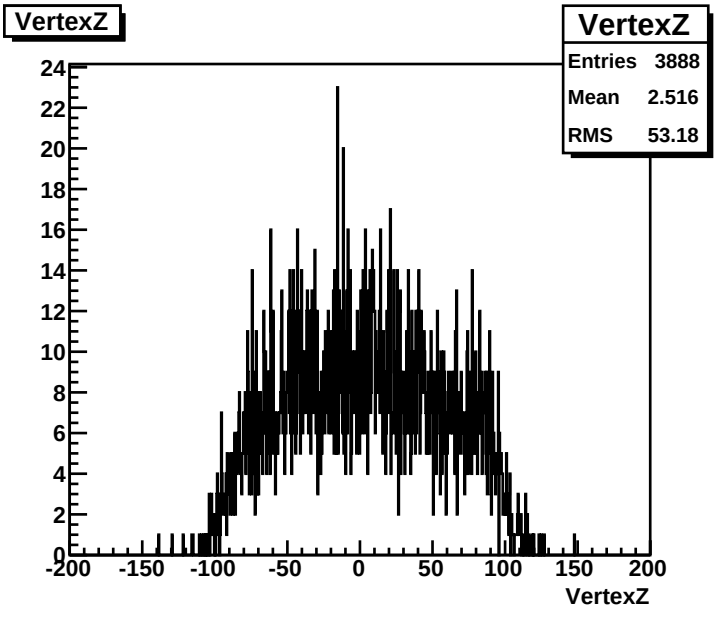

Glob_Eta
Glob_Eta
Entries 2973619
Mean -0.009178
RMS 0.7351
η

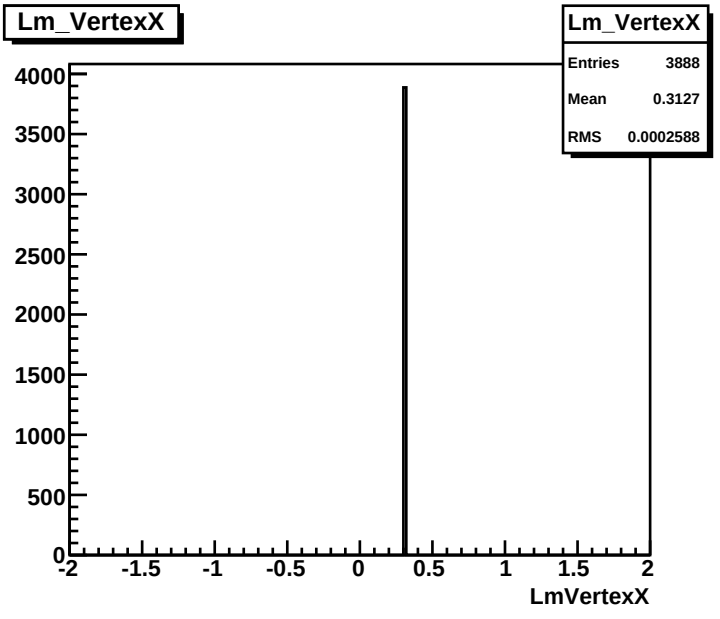

Prim_Eta
Prim_Eta
Entries 1158937
Mean -0.009405
RMS 0.8295
η

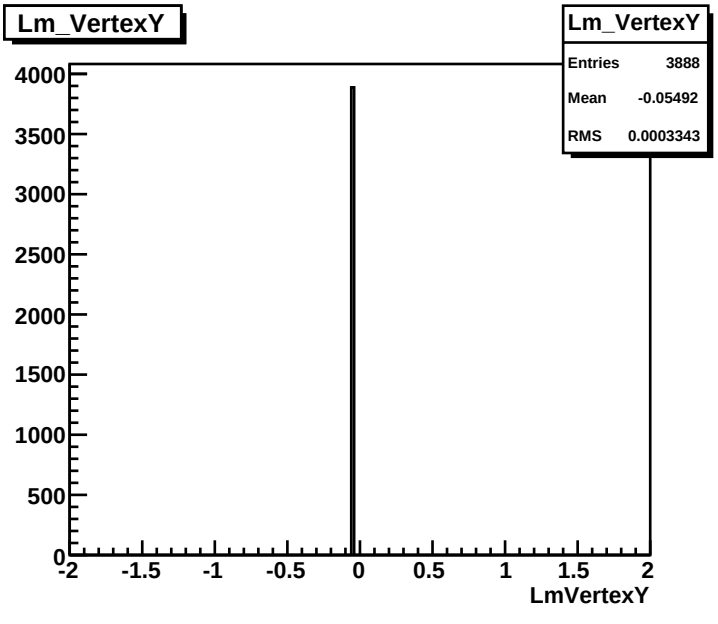

VertexX
VertexX
Entries 3888
Mean 0.3156
RMS 0.2291
VertexX

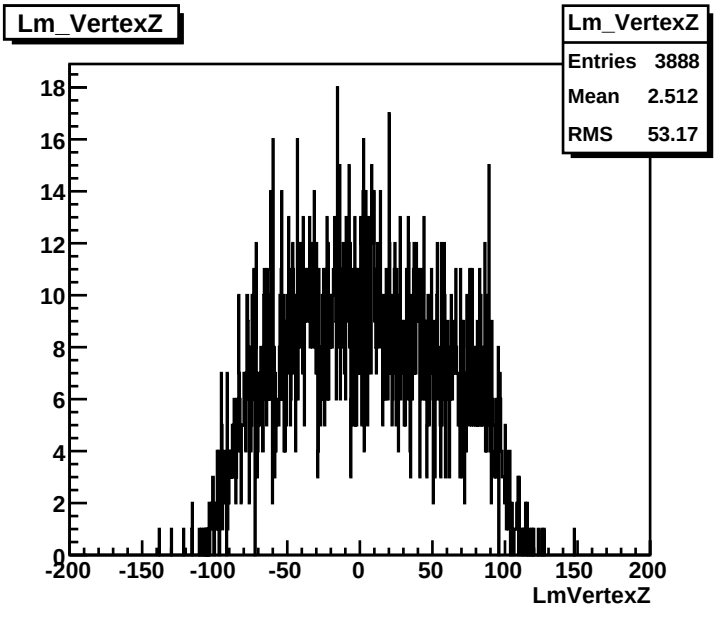

VertexY
VertexY
Entries 3888
Mean -0.07107
RMS 0.2106
VertexY

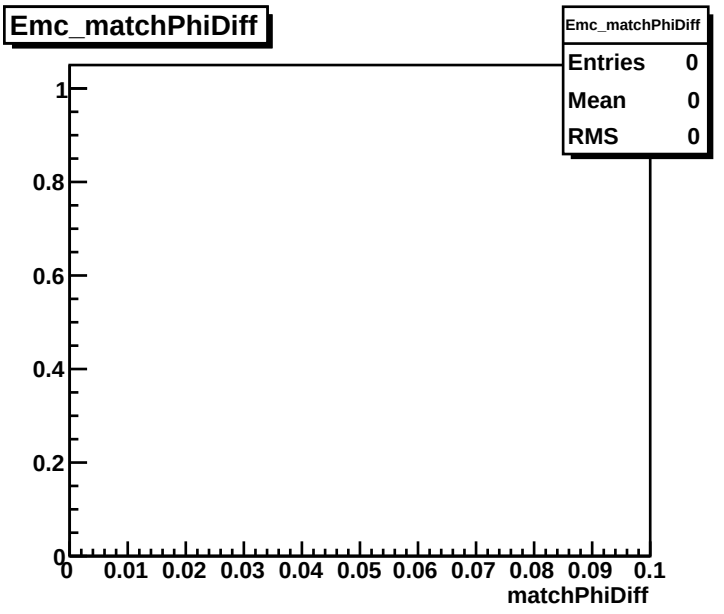

TofResvsTrayId
TofResvsTrayId
Entries 83265
Mean x 61.58
Mean y 0.5612
RMS x 33.9
RMS y 0.1903
tof - tof expected
TrayId

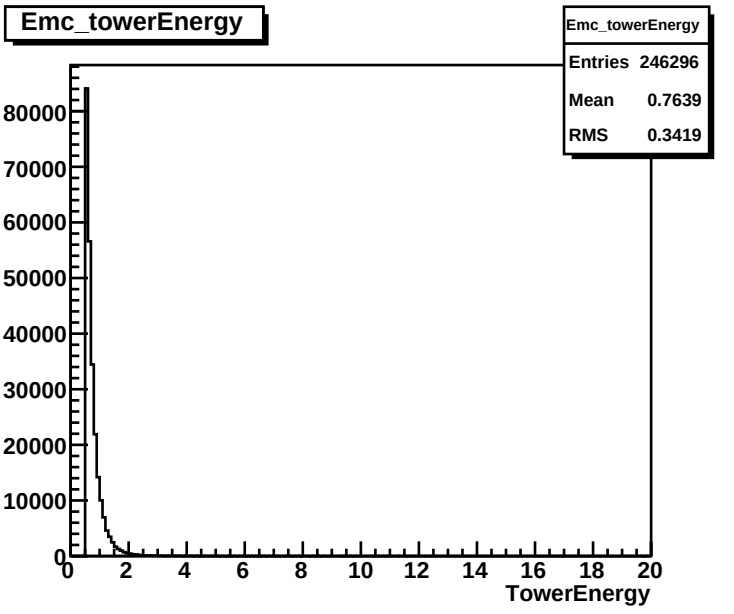

VertexZ
VertexZ
Entries 3888
Mean 2.516
RMS 53.18
VertexZ

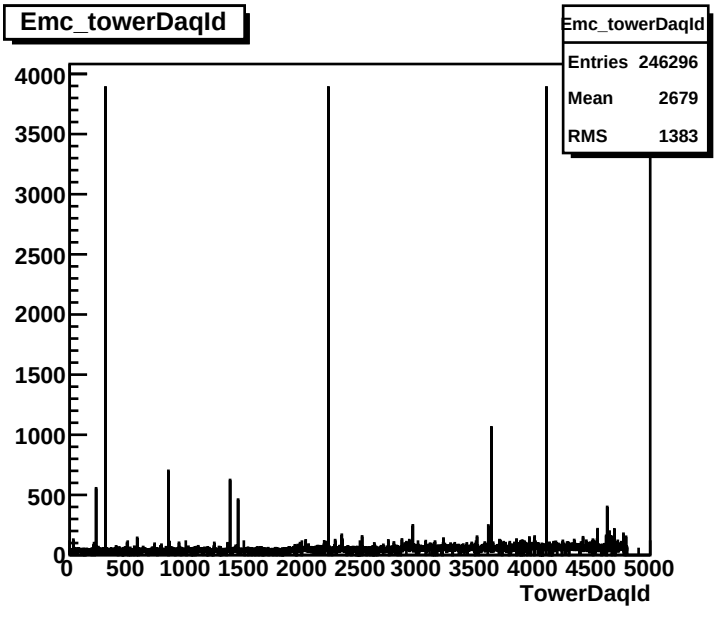

Lm_VertexX
Lm_VertexX
Entries 3888
Mean 0.3127
RMS 0.0002588
LmVertexX

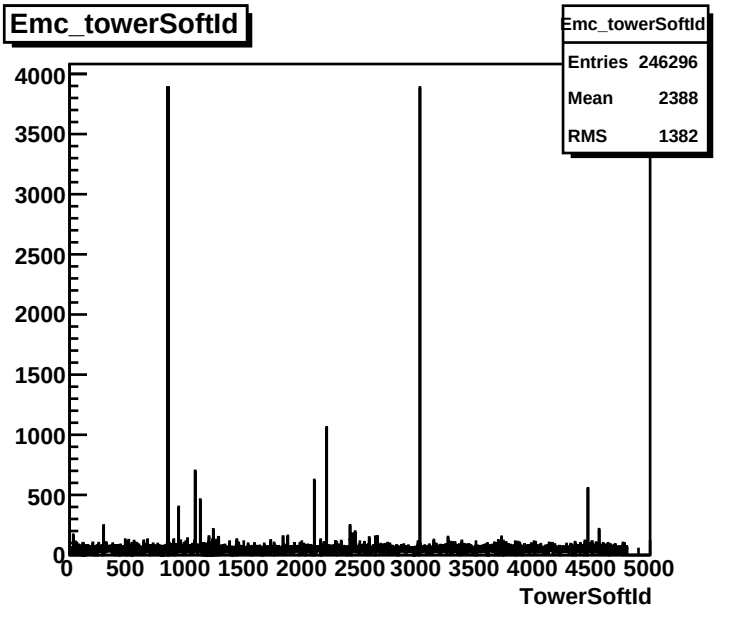

Lm_VertexY
Lm_VertexY
Entries 3888
Mean -0.05492
RMS 0.0003343
LmVertexY

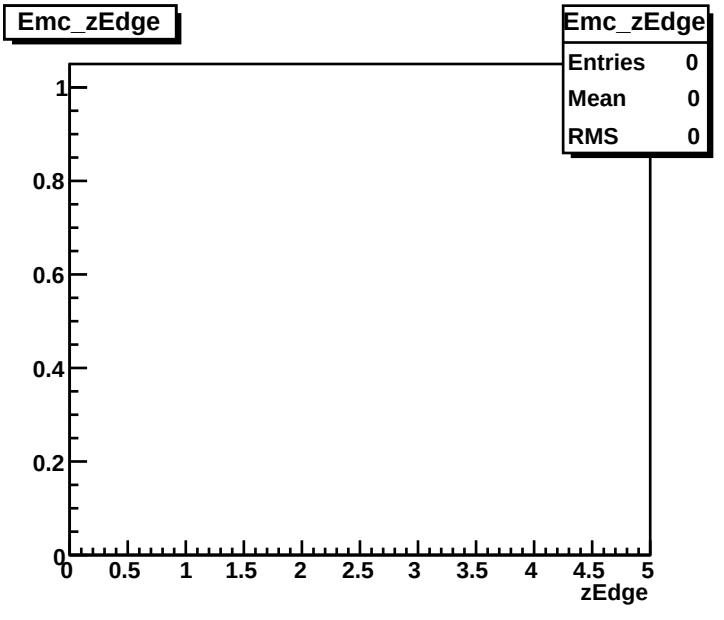

Lm_VertexZ
Lm_VertexZ
Entries 3888
Mean 2.512
RMS 53.17
LmVertexZ

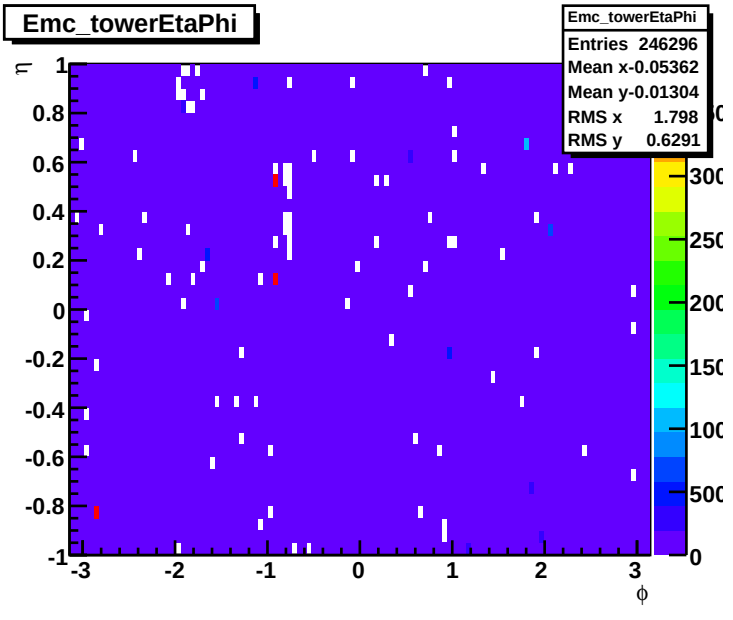

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

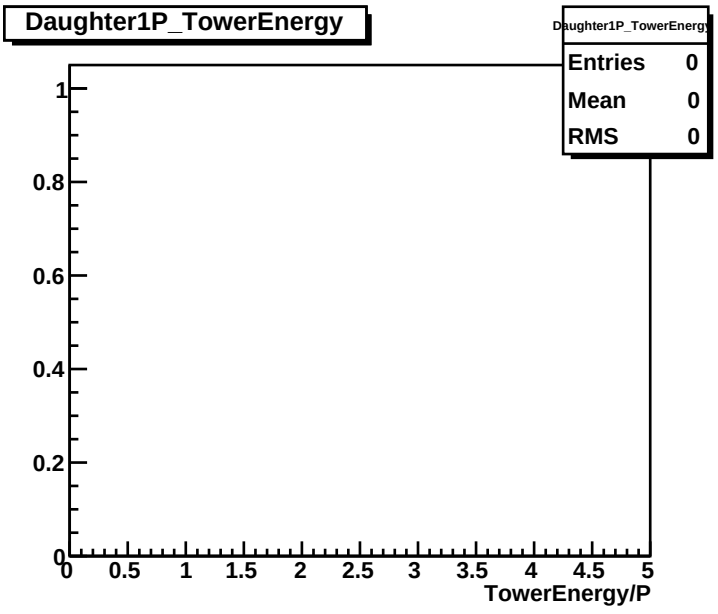

Emc_towerEnergy
Emc_towerEnergy
Entries 246296
Mean 0.7639
RMS 0.3419
TowerEnergy

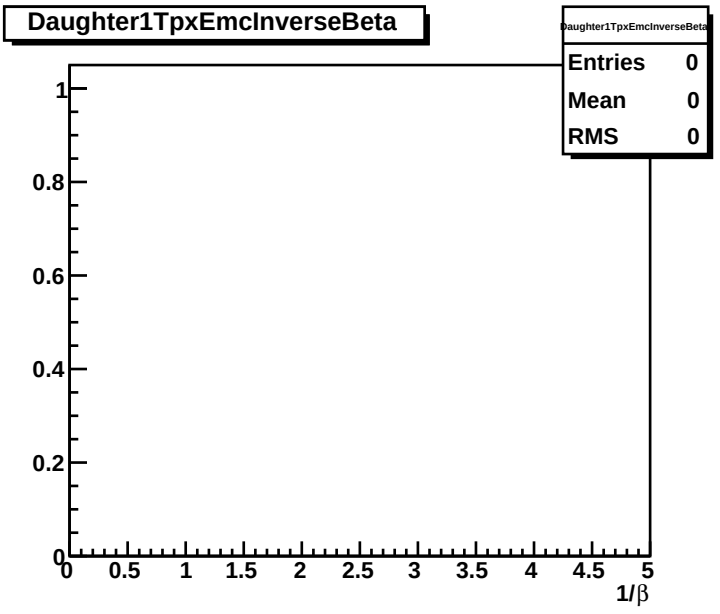

Emc_towerDaqId
Emc_towerDaqId
Entries 246296
Mean 2679
RMS 1383
TowerDaqId

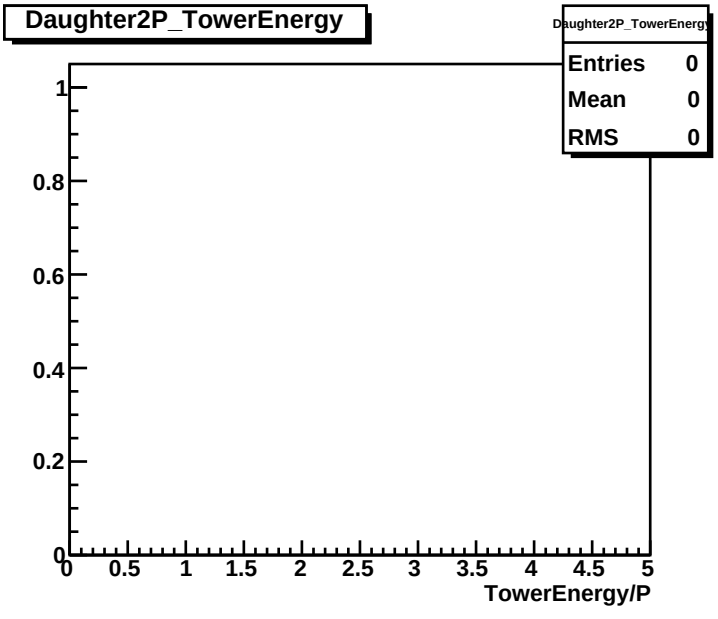

Emc_towerSoftId
Emc_towerSoftId
Entries 246296
Mean 2388
RMS 1382
TowerSoftId

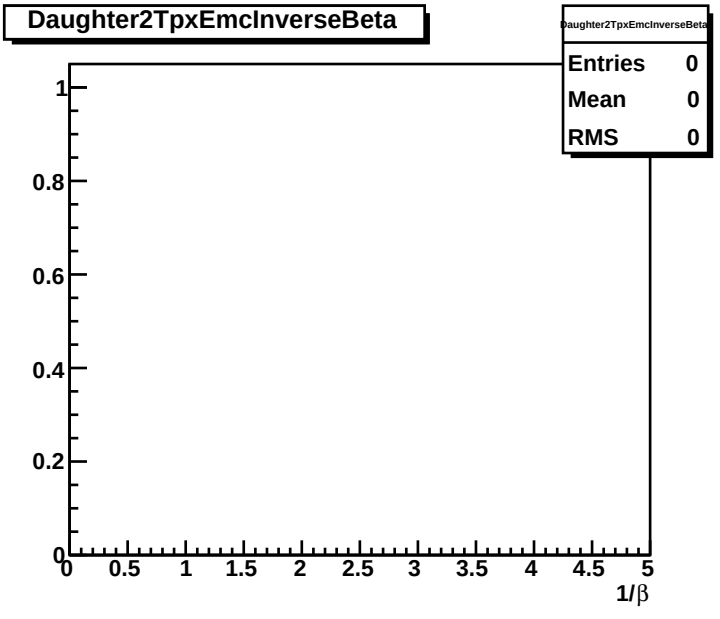

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

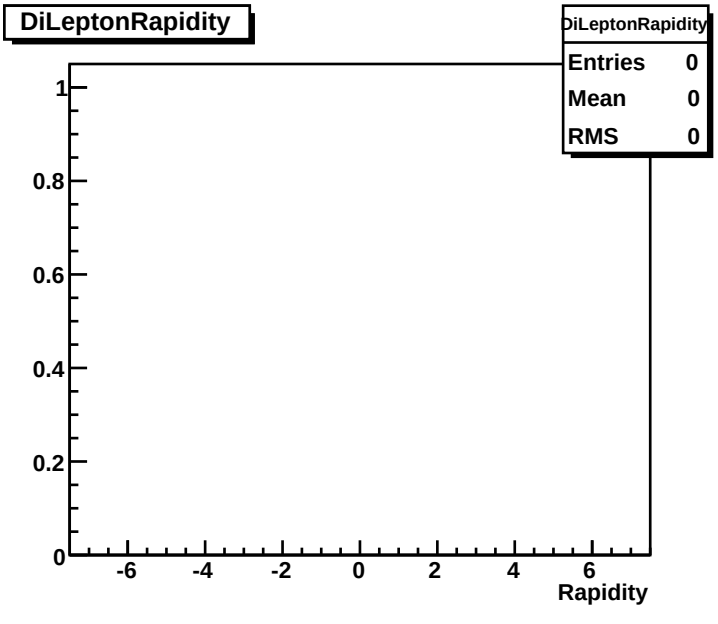

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 246296
Mean x-0.05362
Mean y-0.01304
RMS x 1.798
RMS y 0.6291
η
ϕ

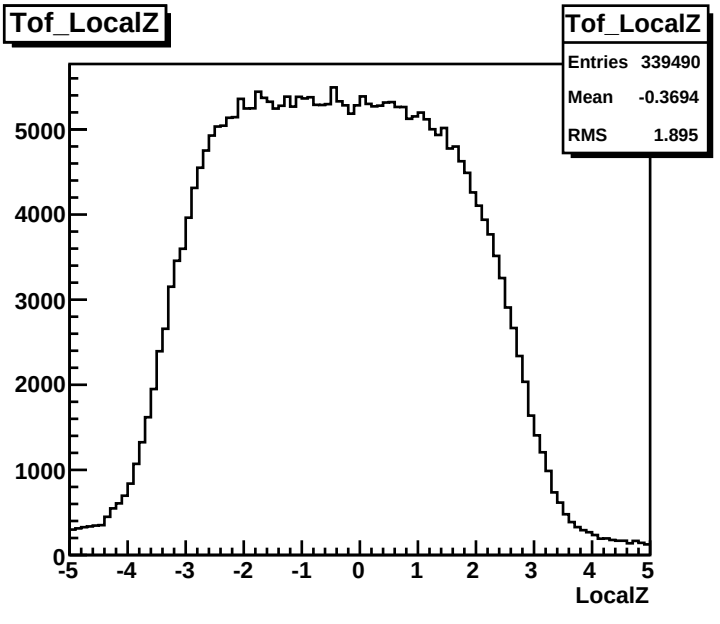

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

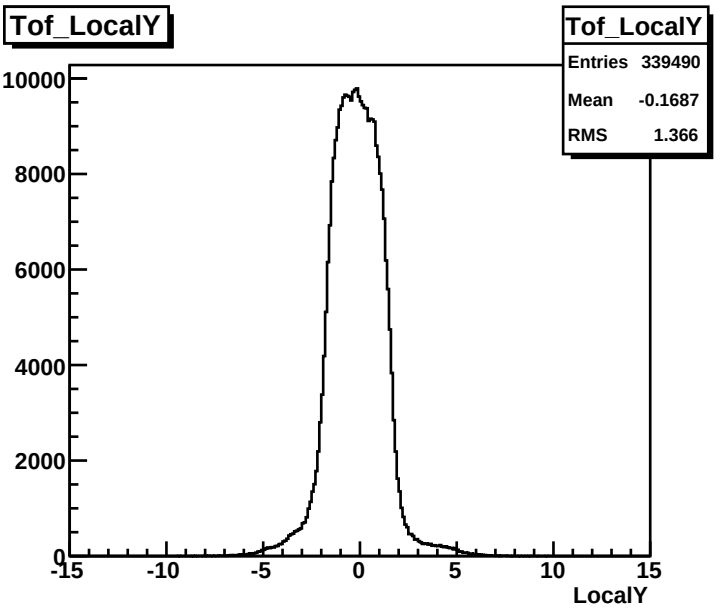

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

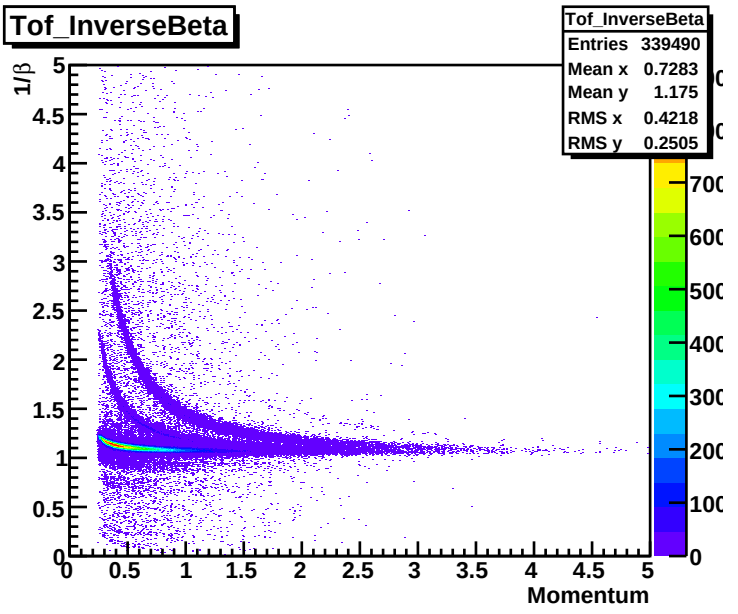

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

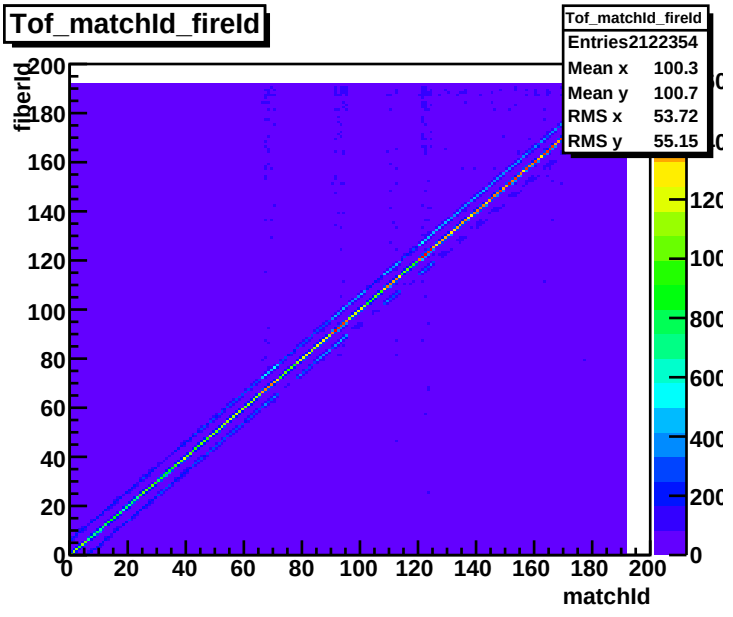

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

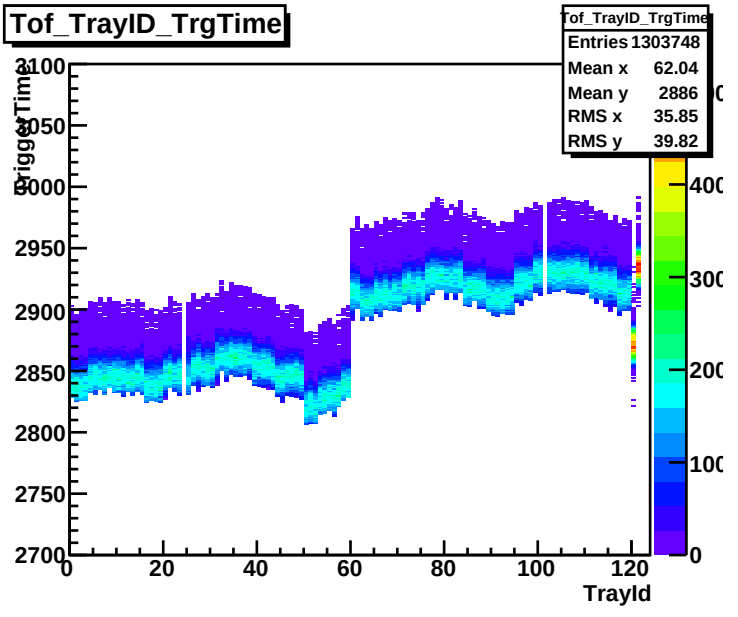

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

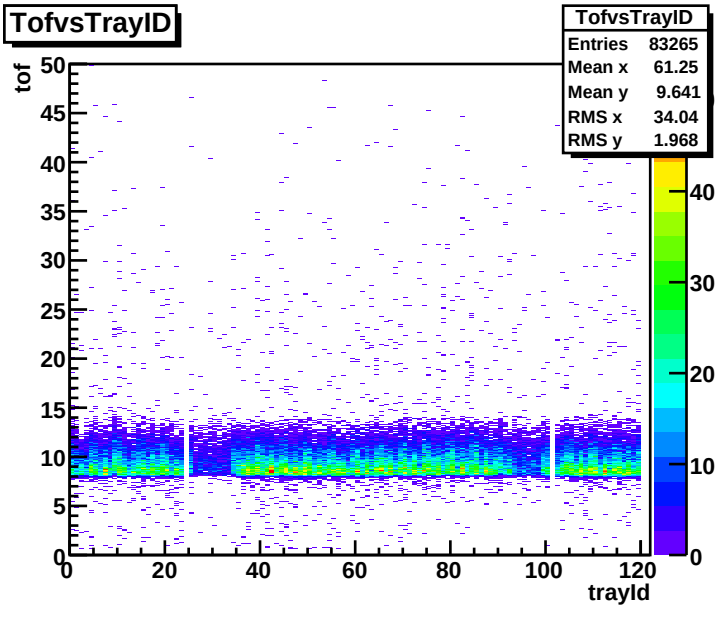

Tof_LocalZ
Tof_LocalZ
Entries 339490
Mean -0.3694
RMS 1.895
LocalZ

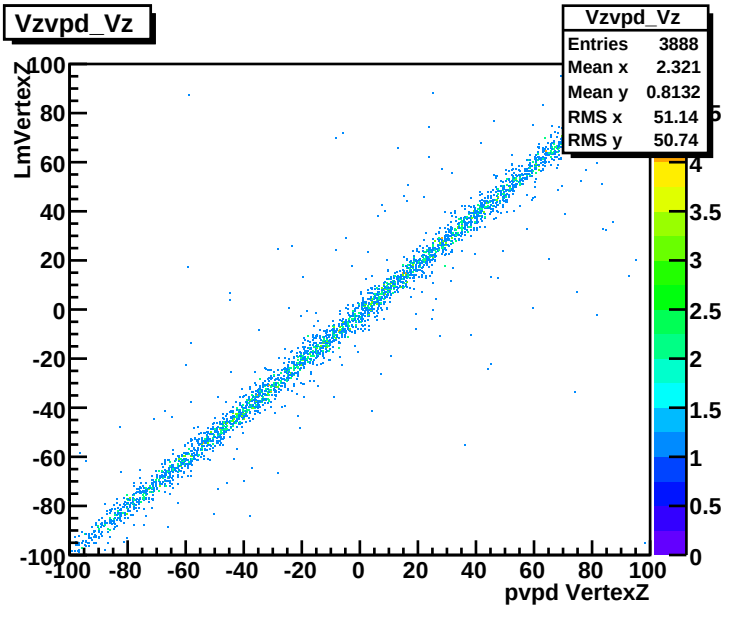

Tof_LocalY
Tof_LocalY
Entries 339490
Mean -0.1687
RMS 1.366
LocalY

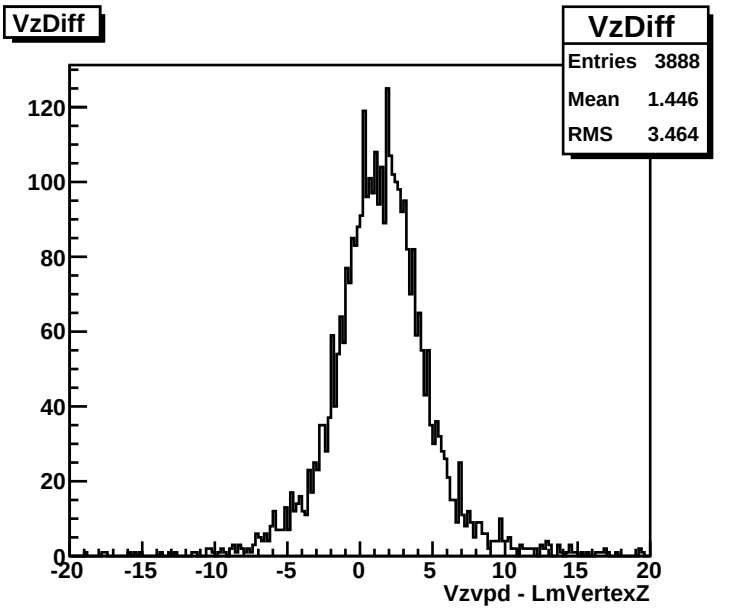

Tof_InverseBeta
Tof_InverseBeta
Entries 339490
Mean x 0.7283
Mean y 1.175
RMS x 0.4218
RMS y 0.2505
1/β
Momentum

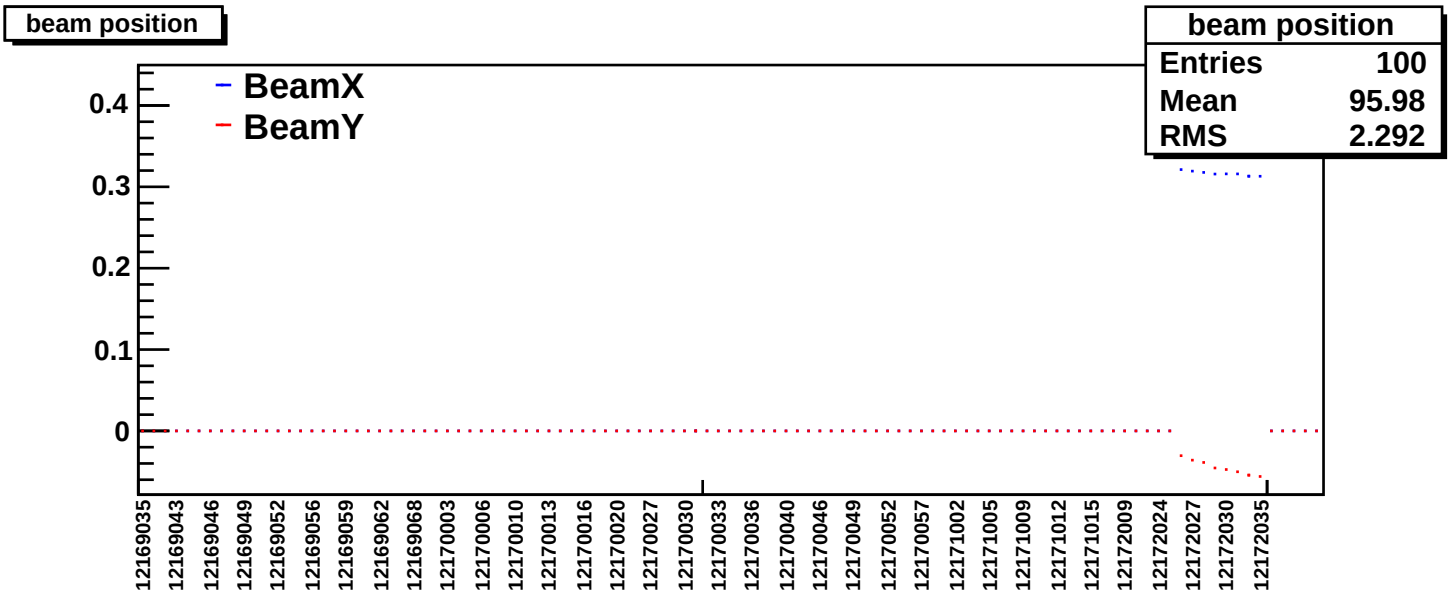

Tof_matchId_fireId
Tof_matchId_fireId
Entries 2122354
Mean x 100.3
Mean y 100.7
RMS x 53.72
RMS y 55.15
fiberId
matchId

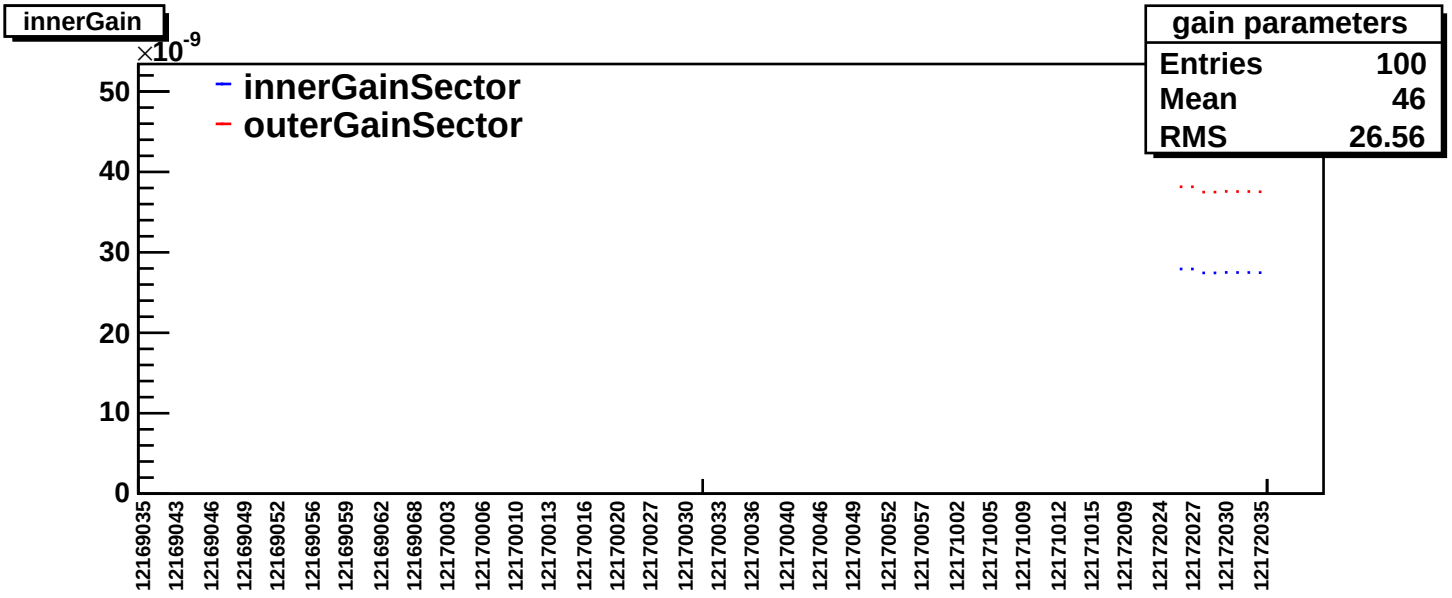

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 1303748
Mean x 62.04
Mean y 2886
RMS x 35.85
RMS y 39.82
TrayId

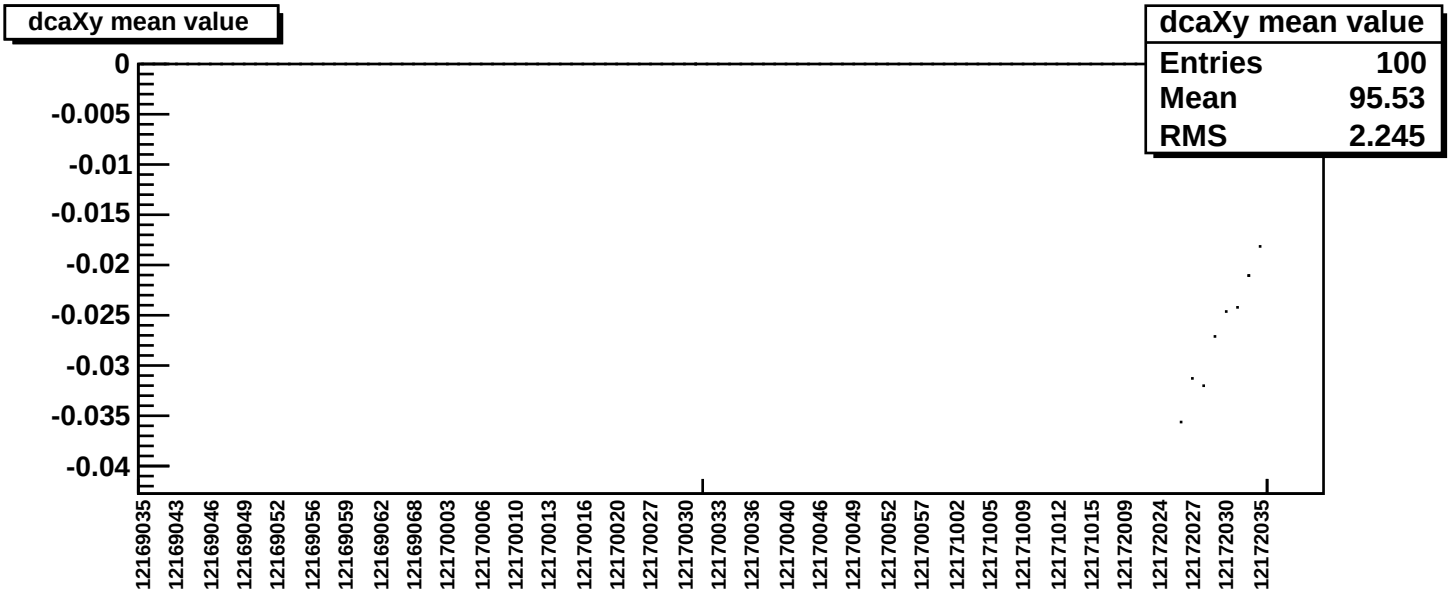

TofvsTrayID
TofvsTrayID
Entries 83265
Mean x 61.25
Mean y 9.641
RMS x 34.04
RMS y 1.968
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 3888
Mean x 2.321
Mean y 0.8132
RMS x 51.14
RMS y 50.74
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 3888
Mean 1.446
RMS 3.464
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 95.98
RMS 2.292
BeamX
BeamY
0.4
0.3
0.2
0.1
0
12169035 12169043 12169046 12169049 12169052 12169056 12169059 12169062 12169068 12170003 12170006 12170010 12170013 12170016 12170020 12170027 12170030 12170033 12170036 12170040 12170046 12170049 12170052 12170057 12171002 12171005 12171009 12171012 12171015 12172009 12172024 12172027 12172030 12172035


innerGain
gain parameters
Entries 100
Mean 46
RMS 26.56
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12169035 12169043 12169046 12169049 12169052 12169056 12169059 12169062 12169068 12170003 12170006 12170010 12170013 12170016 12170020 12170027 12170030 12170033 12170036 12170040 12170046 12170049 12170052 12170057 12171002 12171005 12171009 12171012 12171015 12172009 12172024 12172027 12172030 12172035


dcaXy mean value
dcaXy mean value
Entries 100
Mean 95.53
RMS 2.245
0
-0.005
-0.01
-0.015
-0.02
-0.025
-0.03
-0.035
-0.04
12169035 12169043 12169046 12169049 12169052 12169056 12169059 12169062 12169068 12170003 12170006 12170010 12170013 12170016 12170020 12170027 12170030 12170033 12170036 12170040 12170046 12170049 12170052 12170057 12171002 12171005 12171009 12171012 12171015 12172009 12172024 12172027 12172030 12172035