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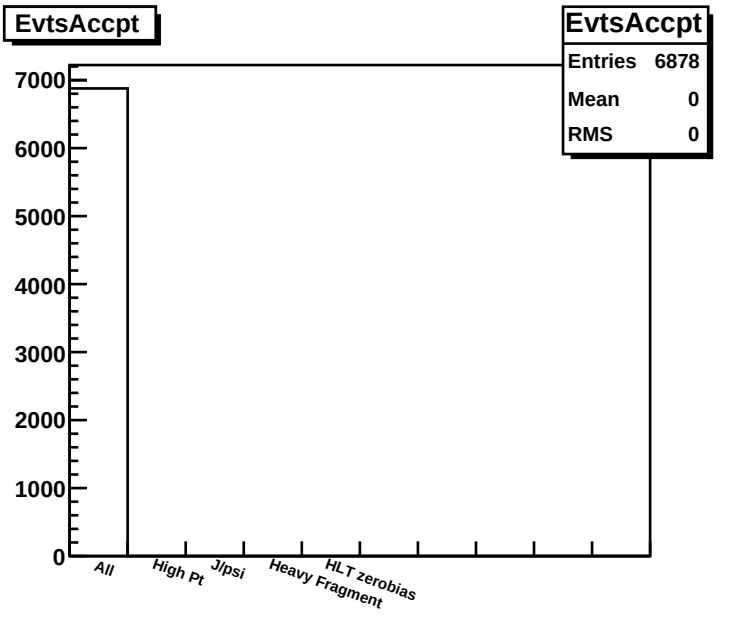
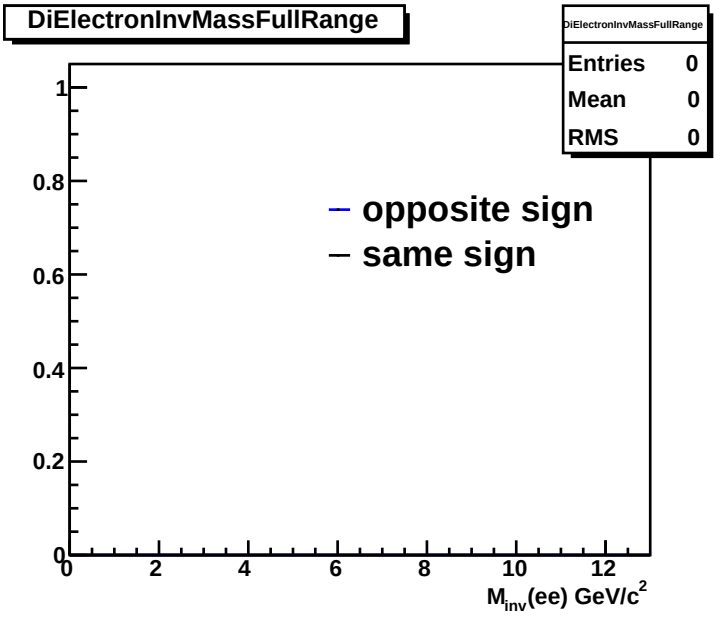
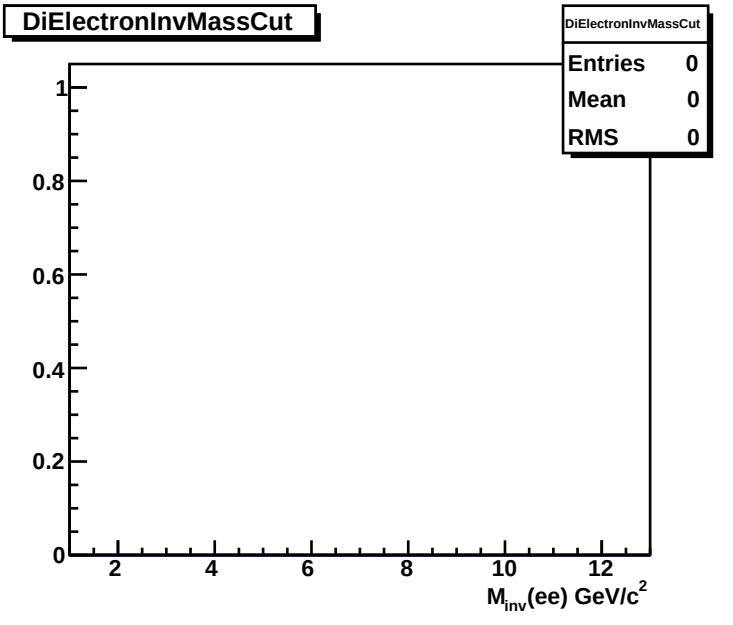
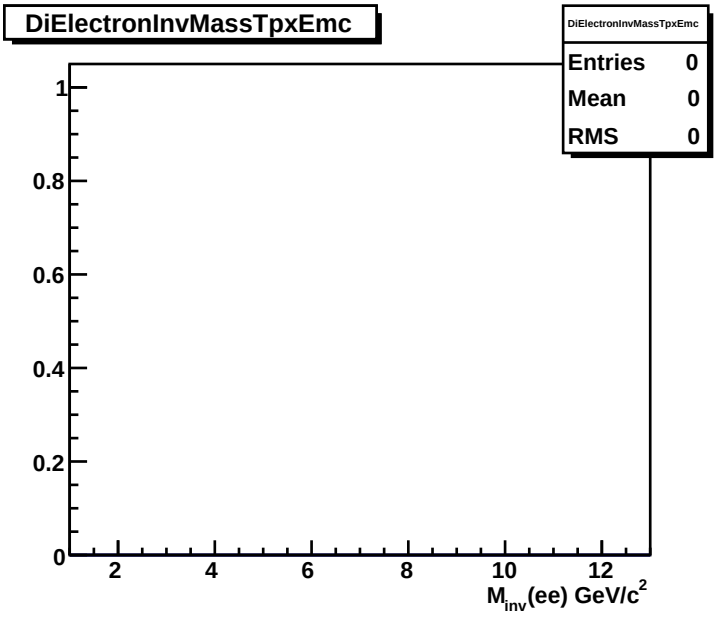
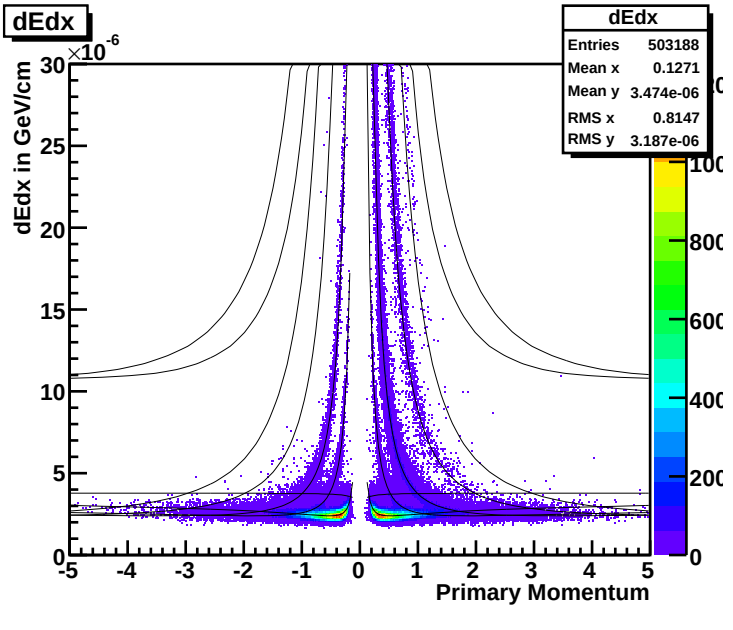
Sun Jun 26 15:38:46 2011

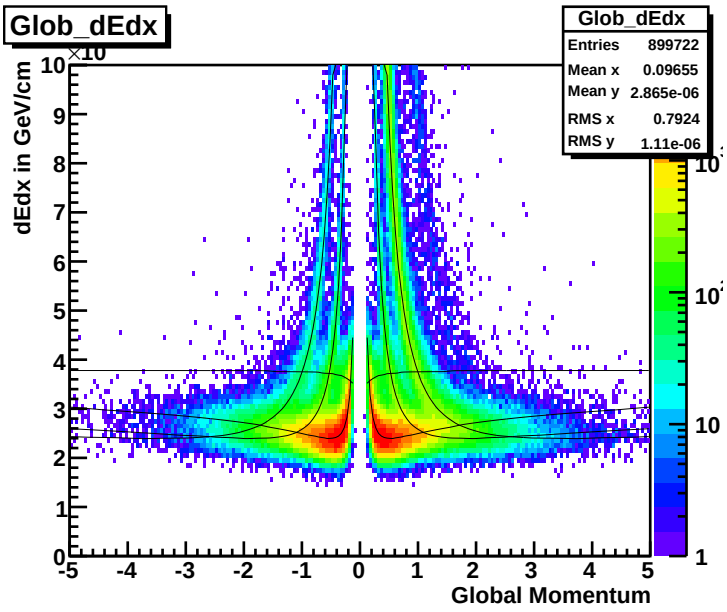


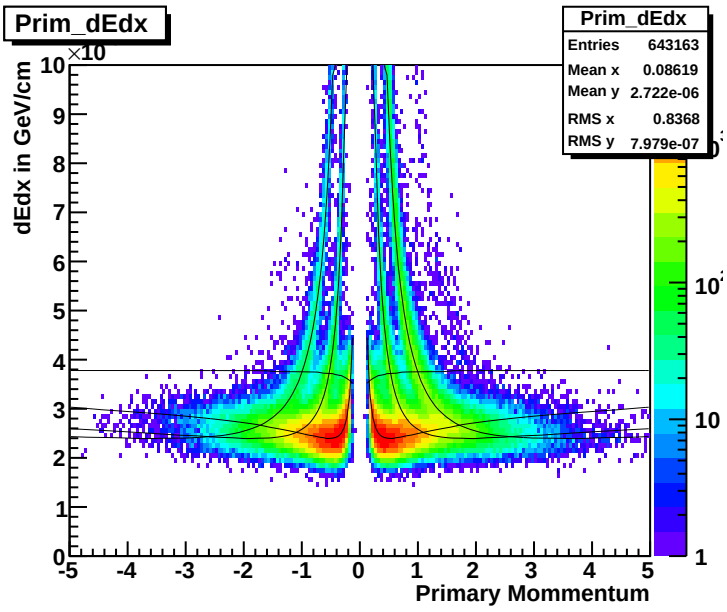


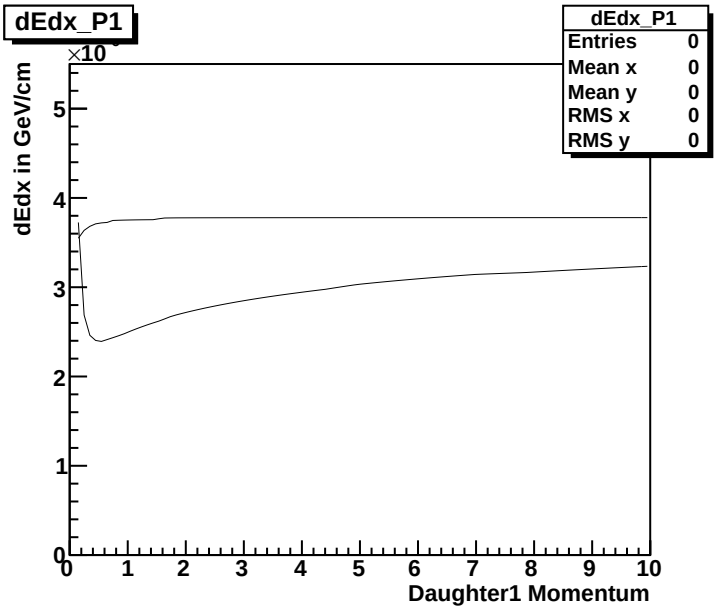


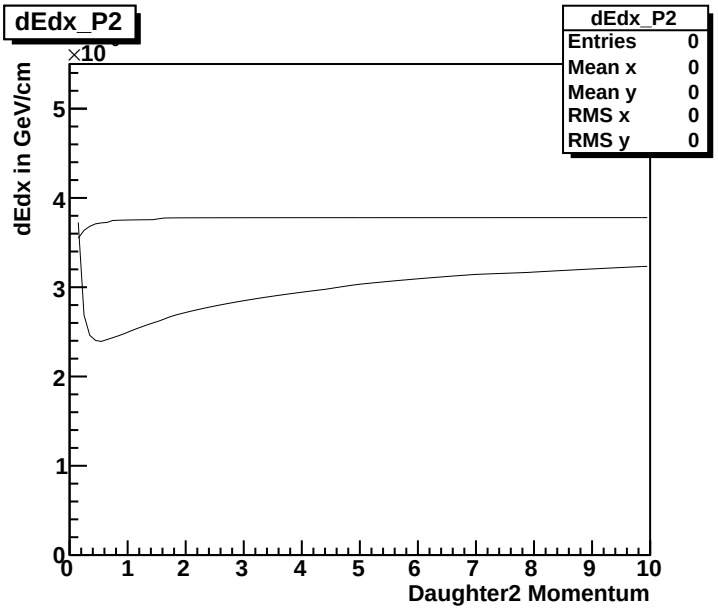


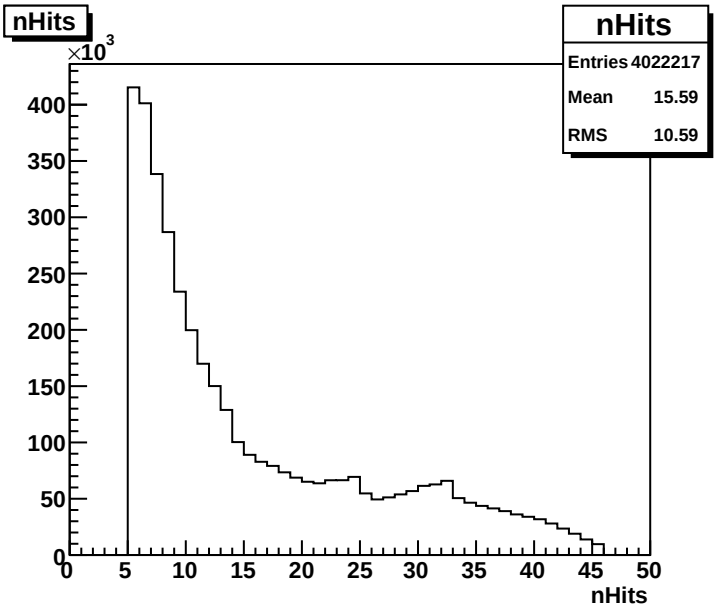


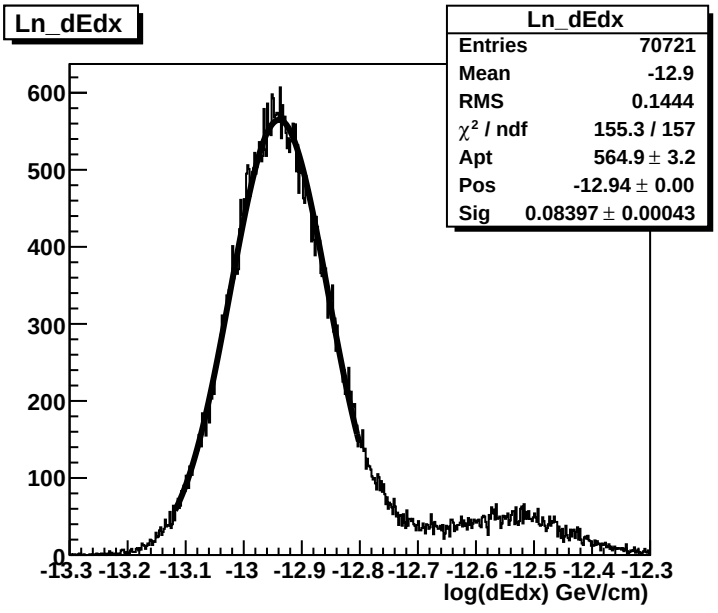

Glob_dEdx
Entries 899722
Mean x 0.09655
Mean y 2.865e-06
RMS x 0.7924
RMS y 1.11e-06
dEdx in GeV/cm
Global Momentum

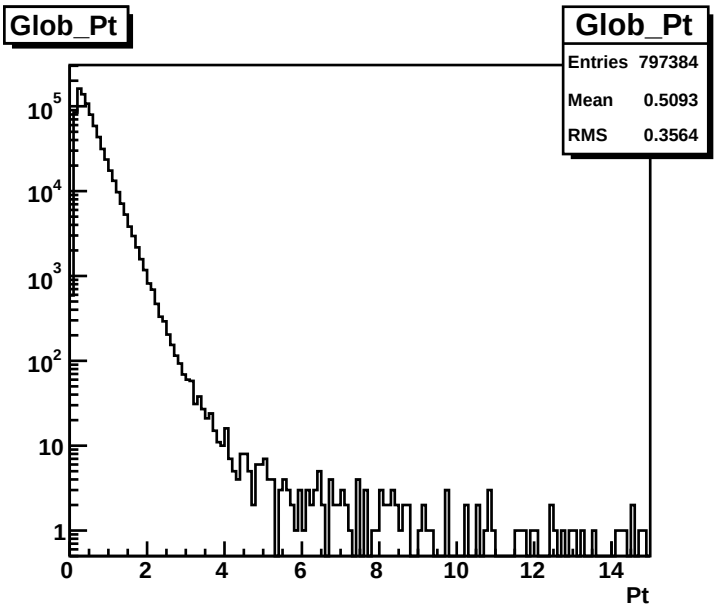

Prim_dEdx
Entries 643163
Mean x 0.08619
Mean y 2.722e-06
RMS x 0.8368
RMS y 7.979e-07
dEdx in GeV/cm
Primary Mommentum

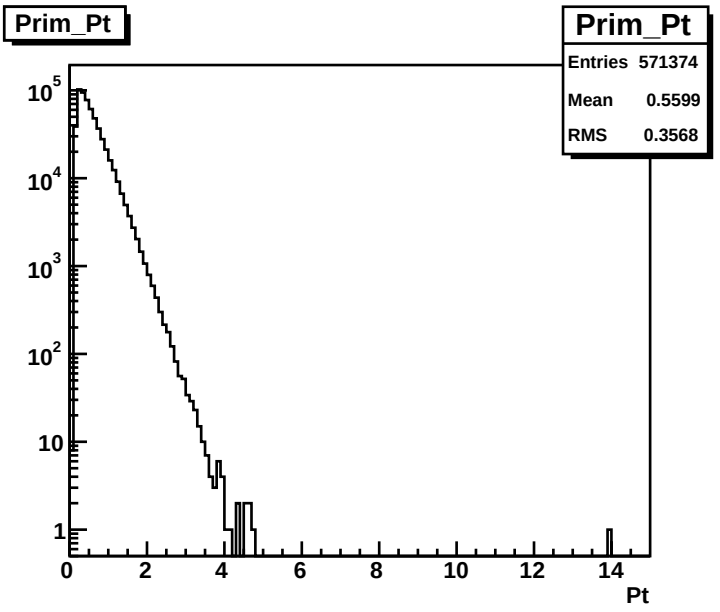

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

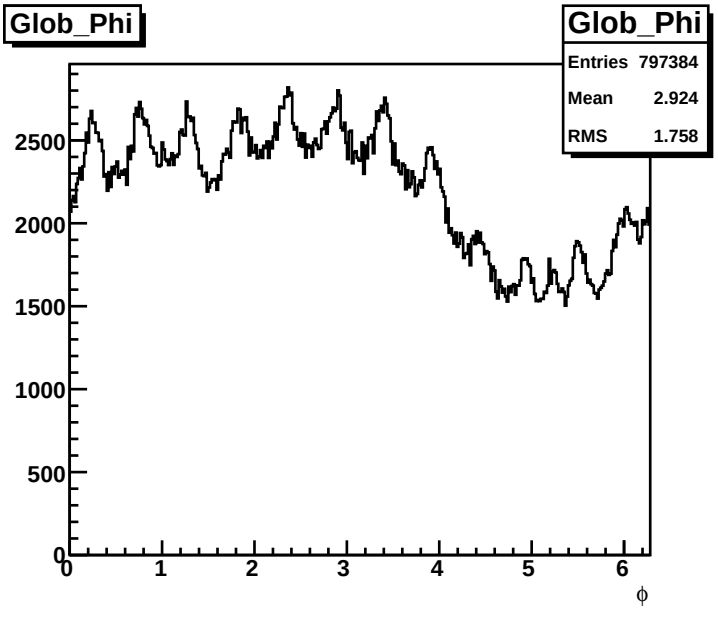

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

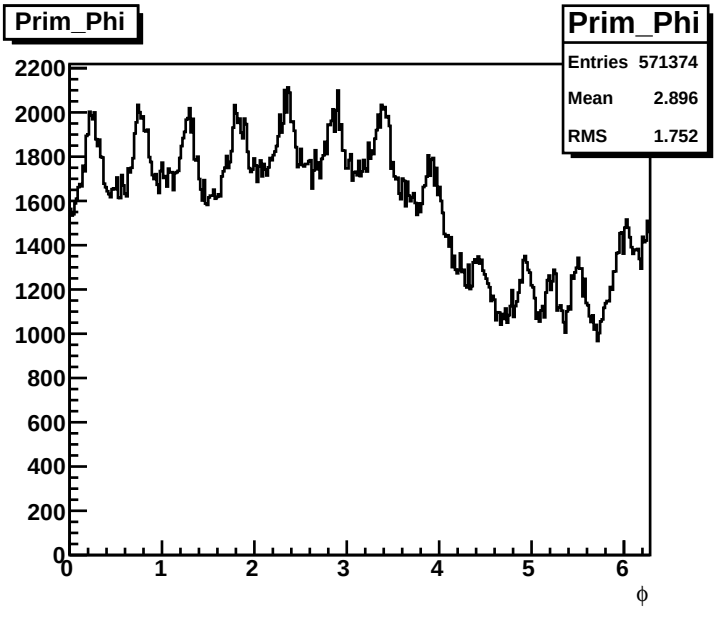

nHits
Entries 4022217
Mean 15.59
RMS 10.59
nHits

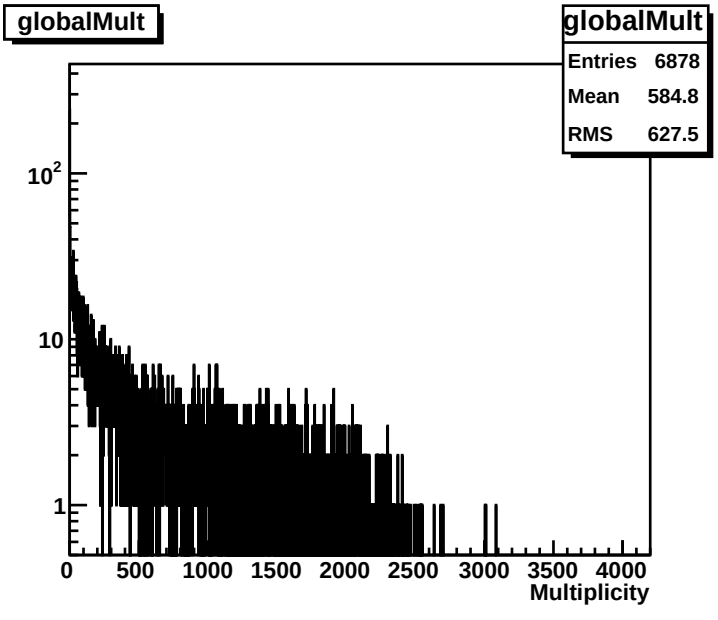

Ln_dEdx
Entries 70721
Mean -12.9
RMS 0.1444
χ² / ndf 155.3 / 157
Apt 564.9 ± 3.2
Pos -12.94 ± 0.00
Sig 0.08397 ± 0.00043
log(dEdx) GeV/cm

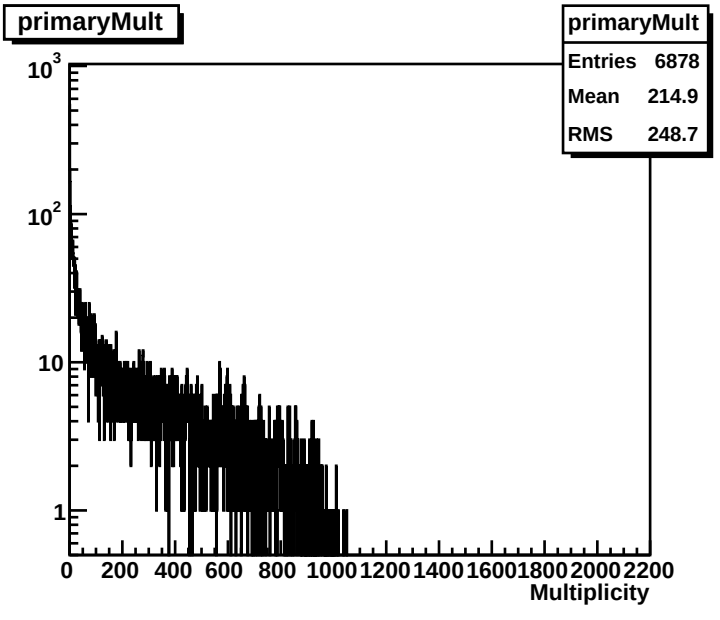

Glob_Pt
Glob_Pt
Entries 797384
Mean 0.5093
RMS 0.3564
Pt

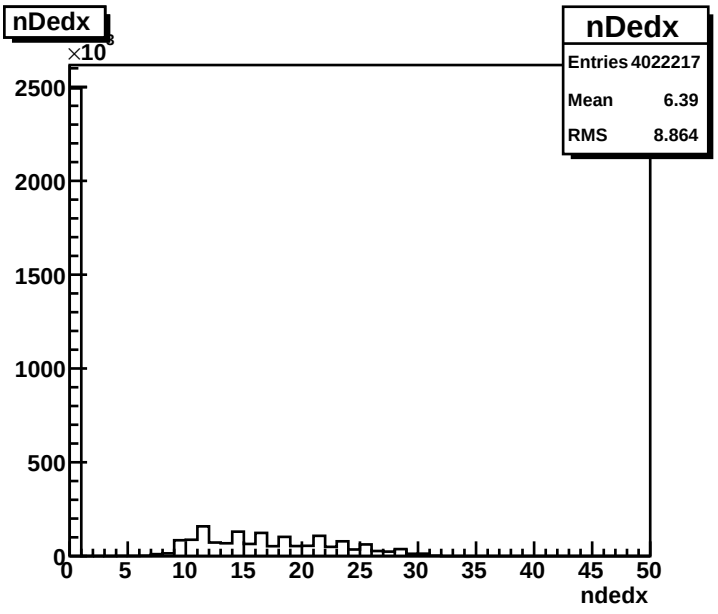

Prim_Pt
Prim_Pt
Entries 571374
Mean 0.5599
RMS 0.3568
Pt

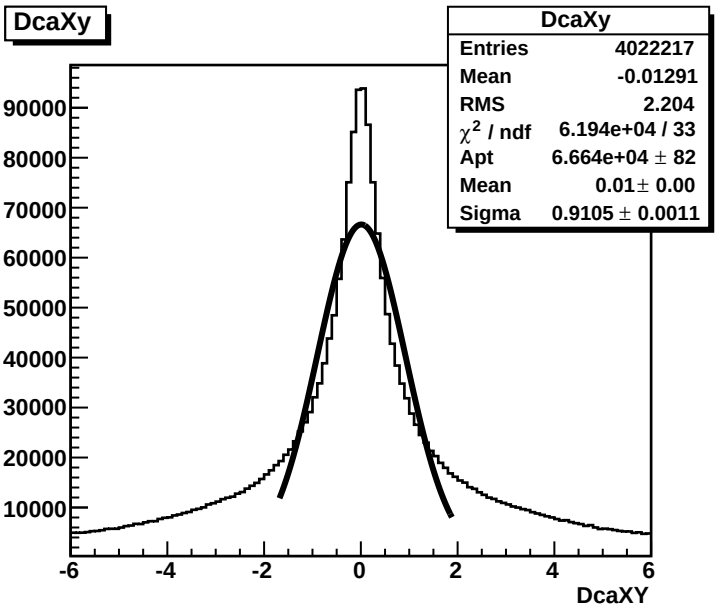

Glob_Phi
Glob_Phi
Entries 797384
Mean 2.924
RMS 1.758
ϕ

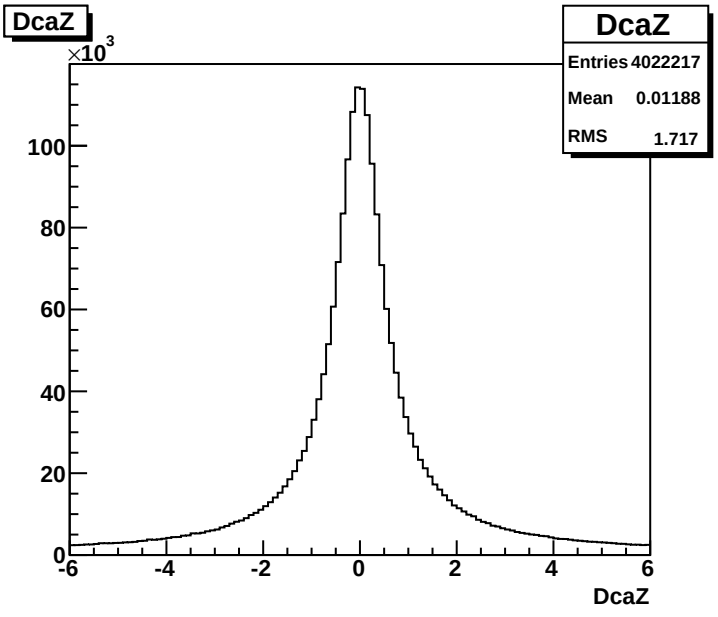

Prim_Phi
Prim_Phi
Entries 571374
Mean 2.896
RMS 1.752
ϕ

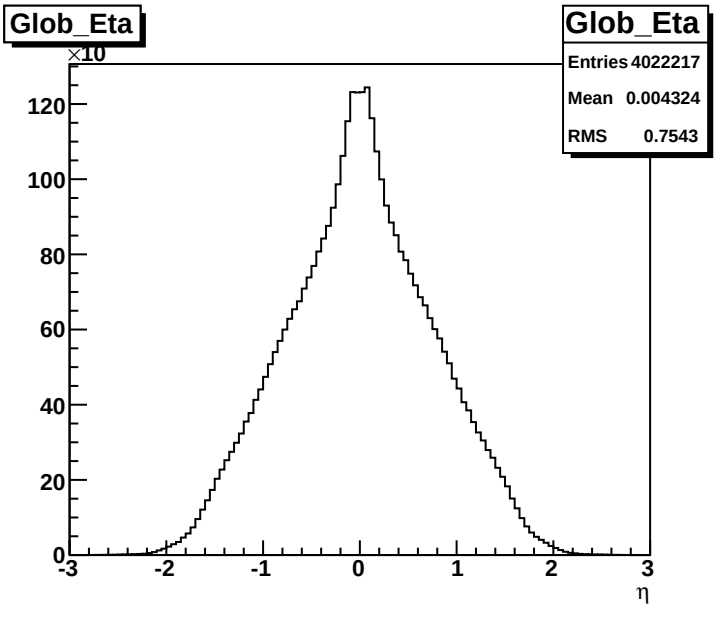

globalMult
globalMult
Entries 6878
Mean 584.8
RMS 627.5
Multiplicity

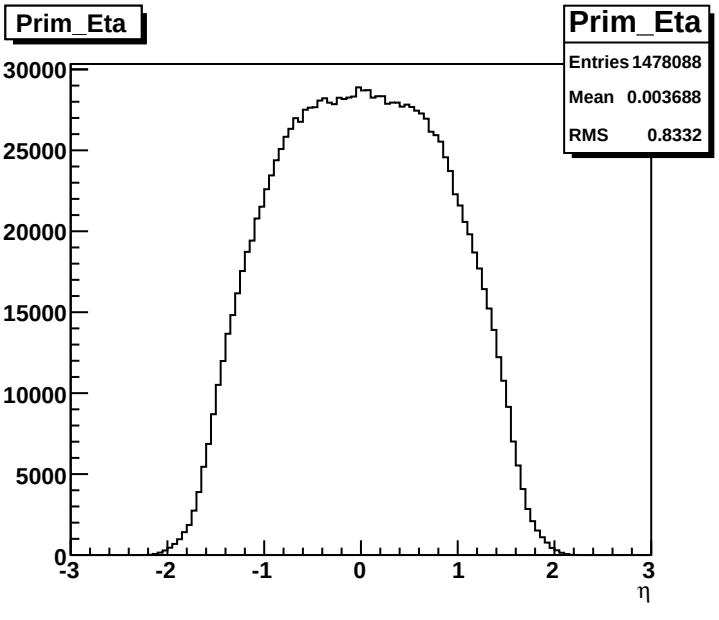

primaryMult
primaryMult
Entries 6878
Mean 214.9
RMS 248.7
Multiplicity

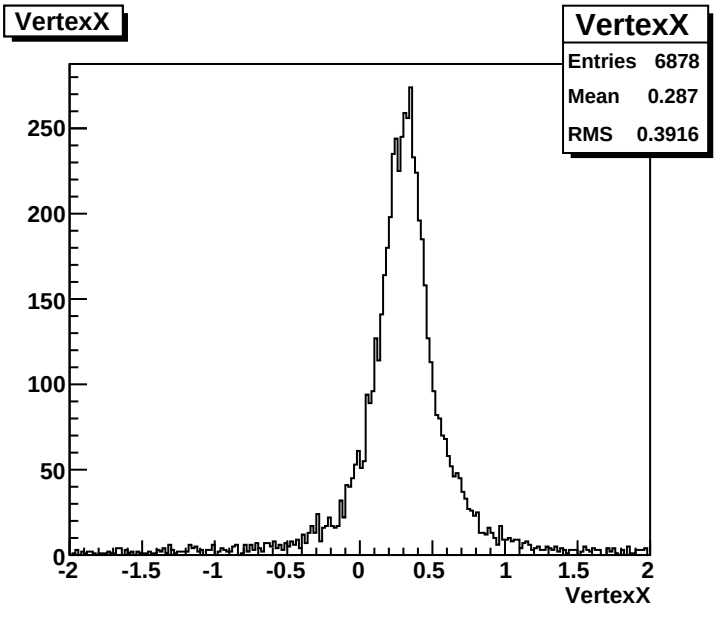

nDedx
nDedx
Entries 4022217
Mean 6.39
RMS 8.864
×10^3
ndedx

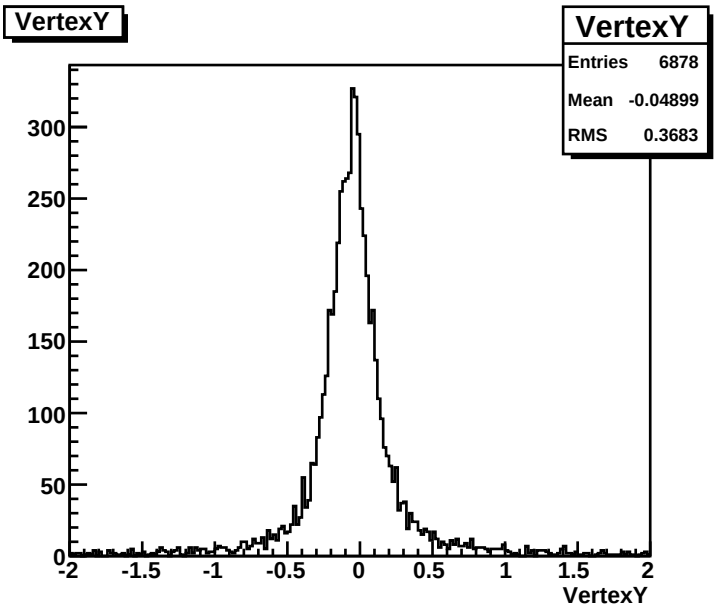

DcaXy
DcaXy
Entries 4022217
Mean -0.01291
RMS 2.204
χ² / ndf 6.194e+04 / 33
Apt 6.664e+04 ± 82
Mean 0.01 ± 0.00
Sigma 0.9105 ± 0.0011
DcaXY

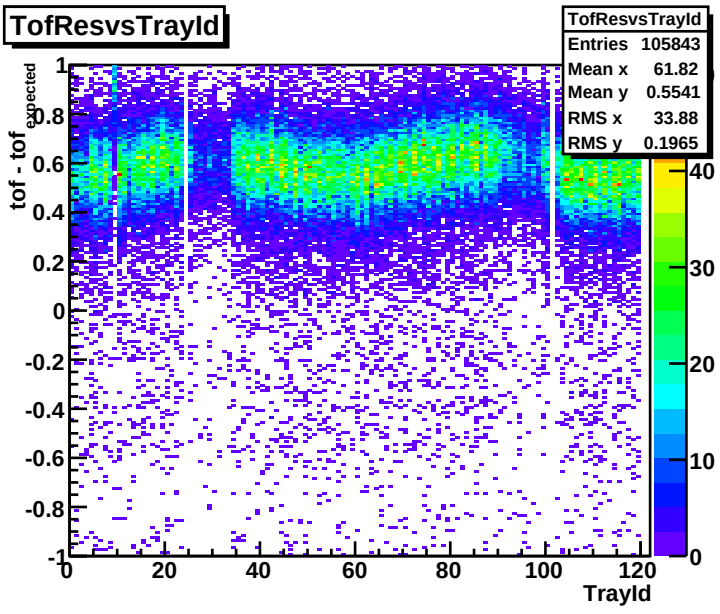

DcaZ
DcaZ
Entries 4022217
Mean 0.01188
RMS 1.717
×10^3
DcaZ

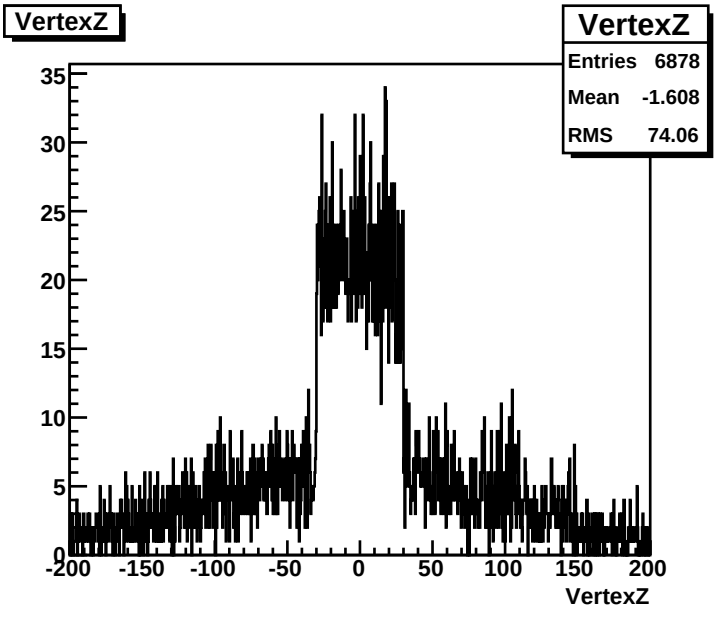

Glob_Eta
Glob_Eta
Entries 4022217
Mean 0.004324
RMS 0.7543
×10
η

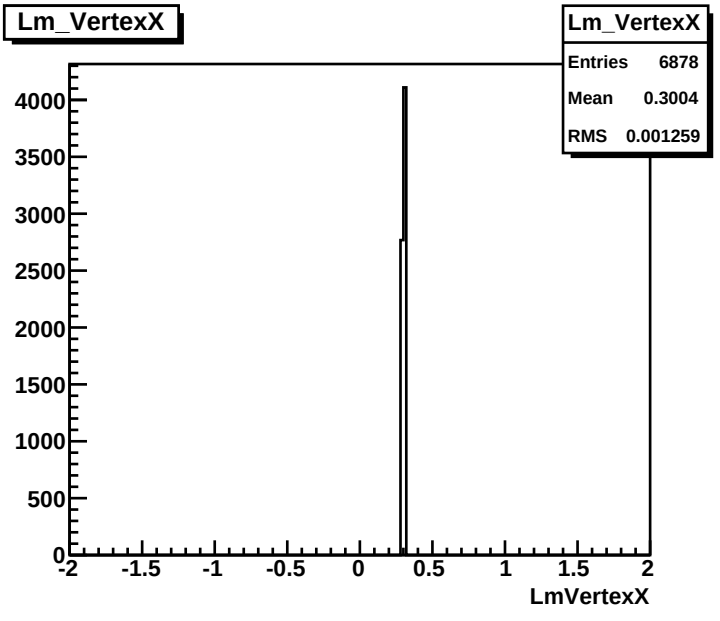

Prim_Eta
Prim_Eta
Entries 1478088
Mean 0.003688
RMS 0.8332
η

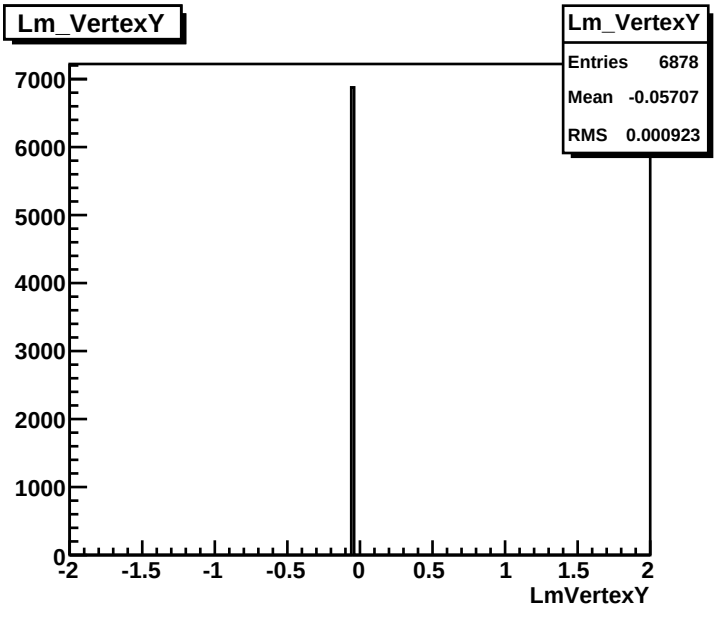

VertexX
VertexX
Entries 6878
Mean 0.287
RMS 0.3916
VertexX

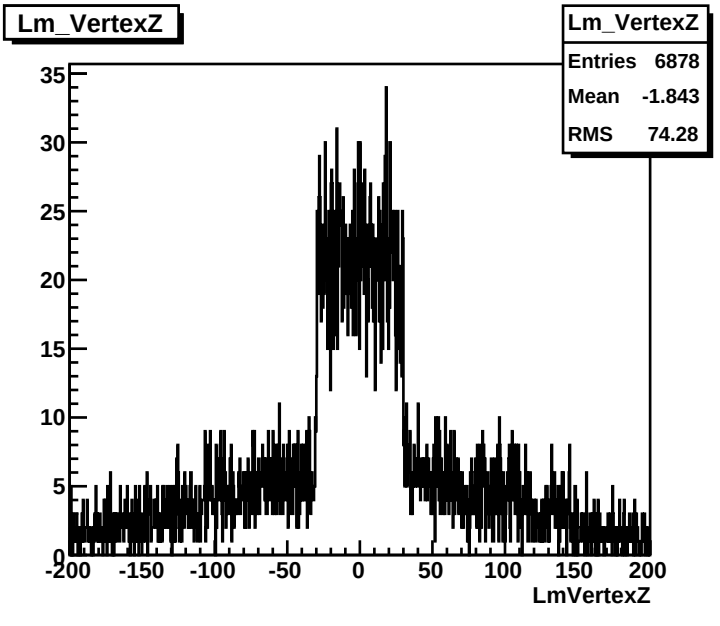

VertexY
VertexY
Entries 6878
Mean -0.04899
RMS 0.3683
VertexY

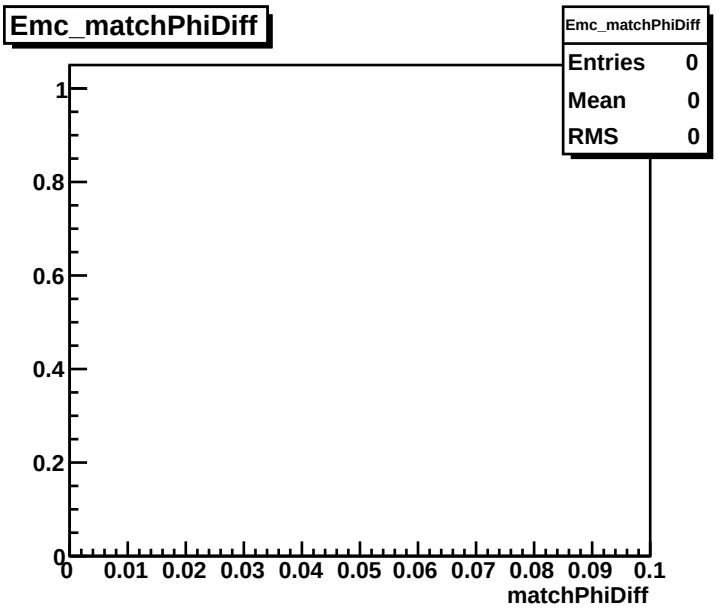

TofResvsTrayId
TofResvsTrayId
Entries 105843
Mean x 61.82
Mean y 0.5541
RMS x 33.88
RMS y 0.1965
tof - tof expected
TrayId

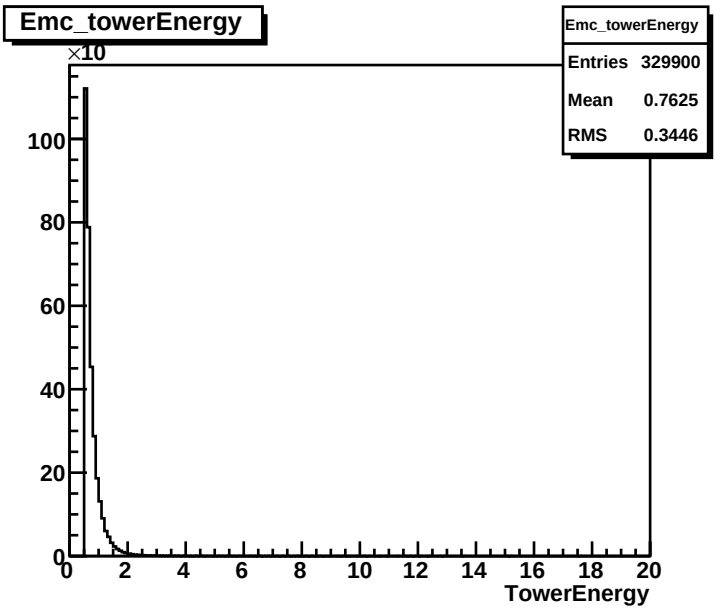

VertexZ
VertexZ
Entries 6878
Mean -1.608
RMS 74.06
VertexZ

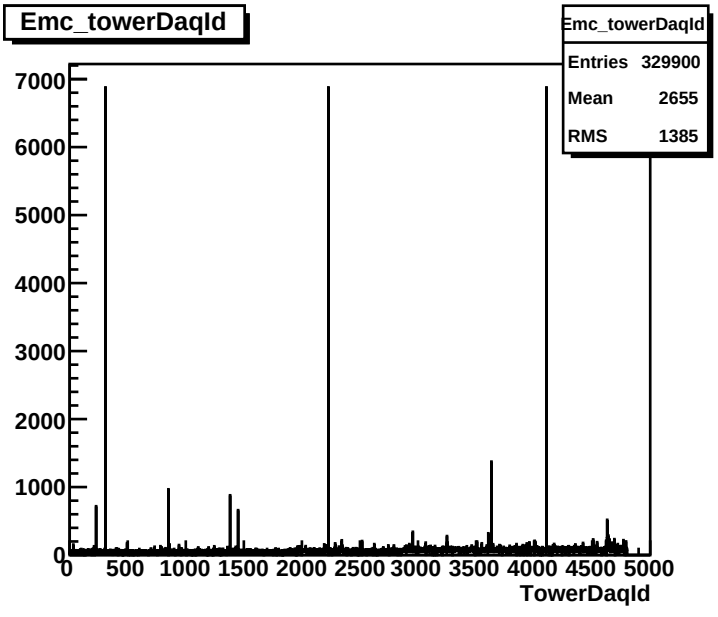

Lm_VertexX
Lm_VertexX
Entries 6878
Mean 0.3004
RMS 0.001259
LmVertexX

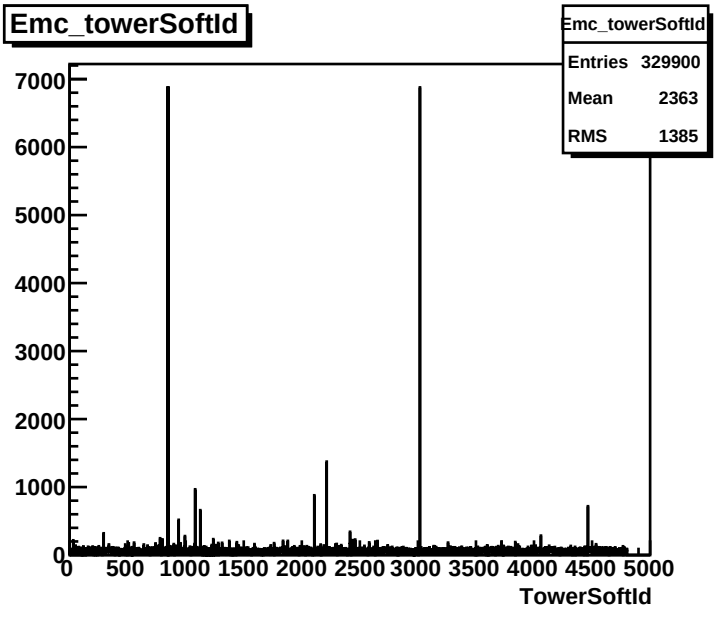

Lm_VertexY
Lm_VertexY
Entries 6878
Mean -0.05707
RMS 0.000923
LmVertexY

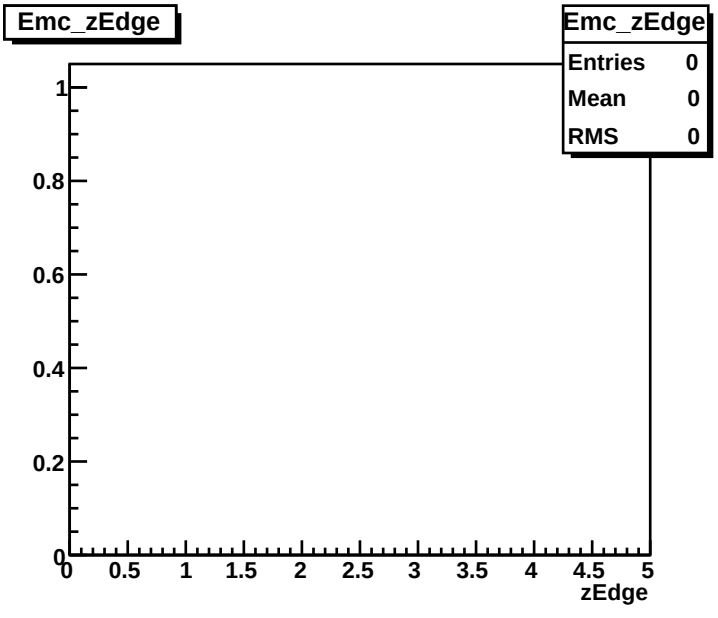

Lm_VertexZ
Lm_VertexZ
Entries 6878
Mean -1.843
RMS 74.28
LmVertexZ

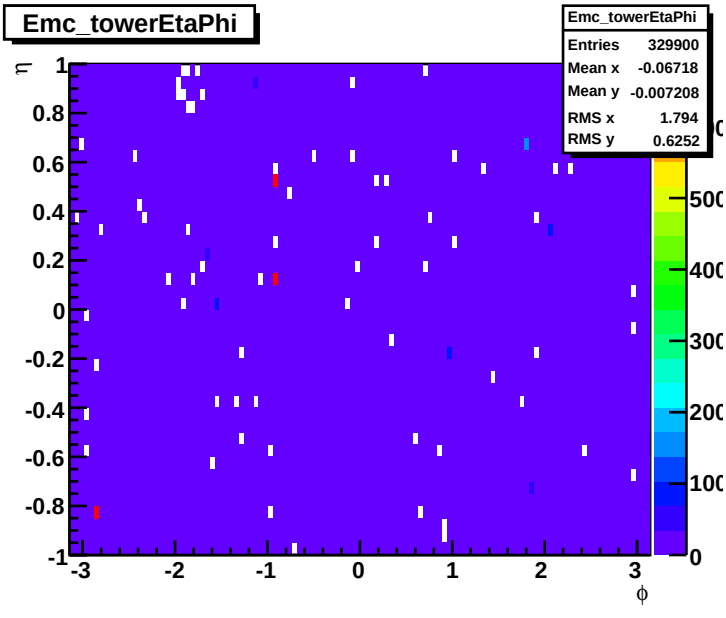

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

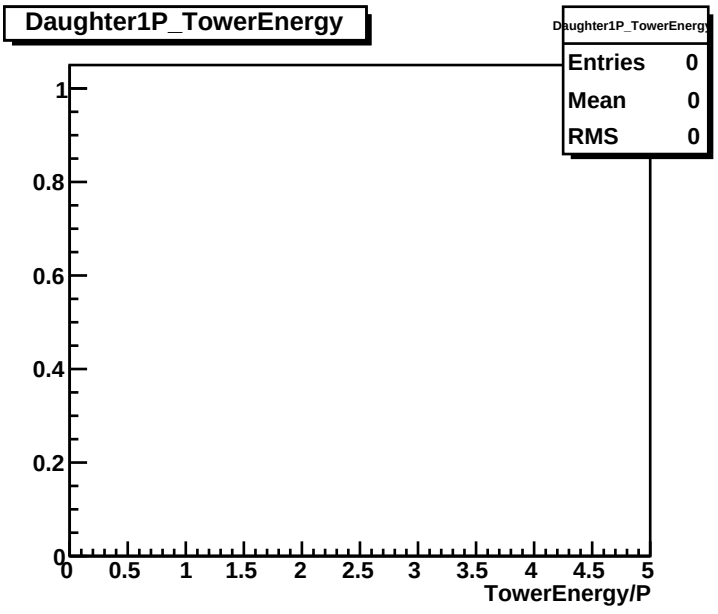

Emc_towerEnergy
Emc_towerEnergy
Entries 329900
Mean 0.7625
RMS 0.3446
×10
TowerEnergy

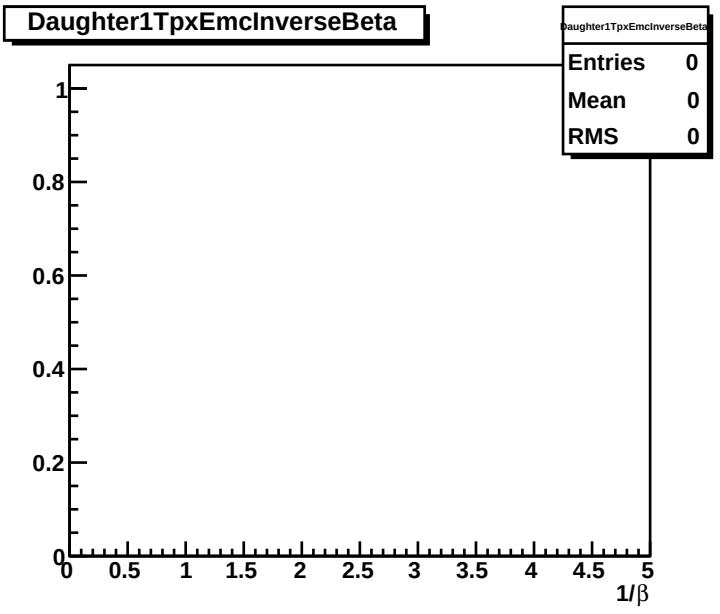

Emc_towerDaqId
Emc_towerDaqId
Entries 329900
Mean 2655
RMS 1385
TowerDaqId

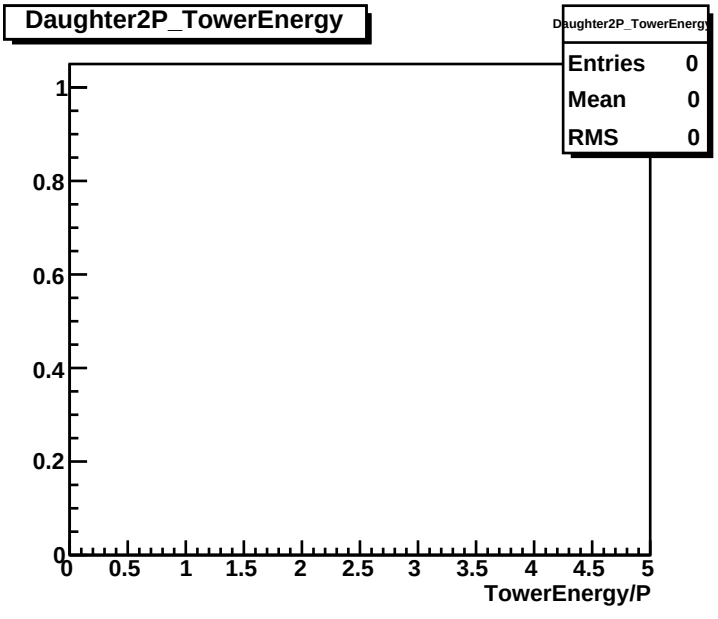

Emc_towerSoftId
Emc_towerSoftId
Entries 329900
Mean 2363
RMS 1385
TowerSoftId

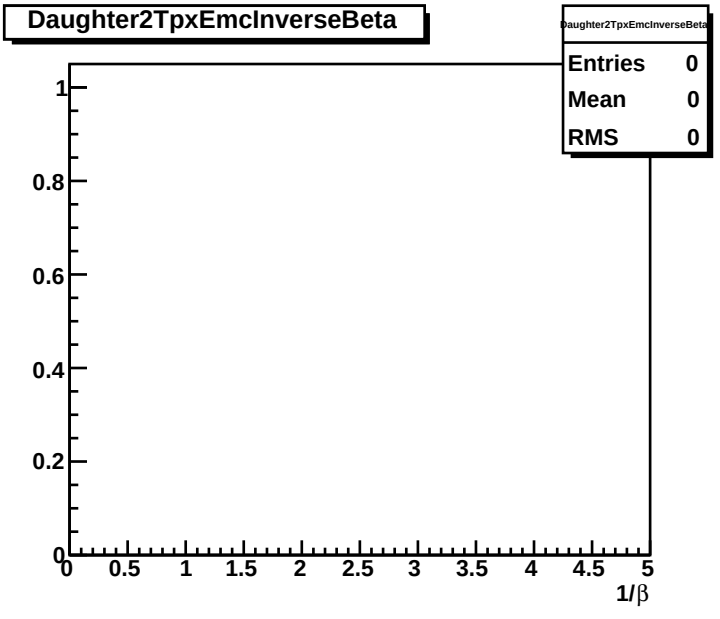

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

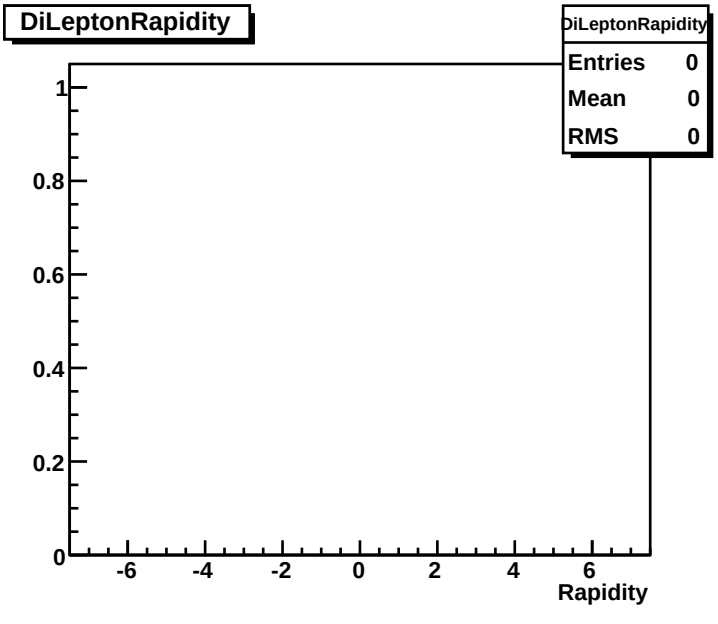

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 329900
Mean x -0.06718
Mean y -0.007208
RMS x 1.794
RMS y 0.6252
η
ϕ

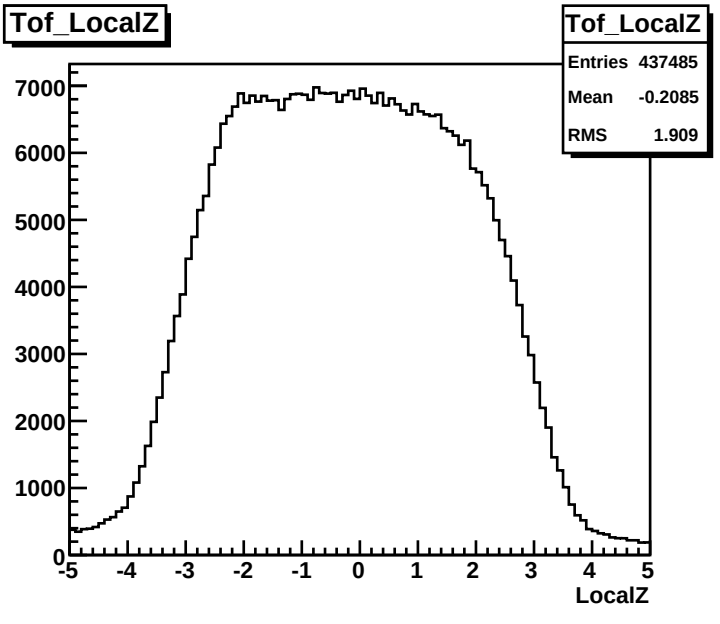

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

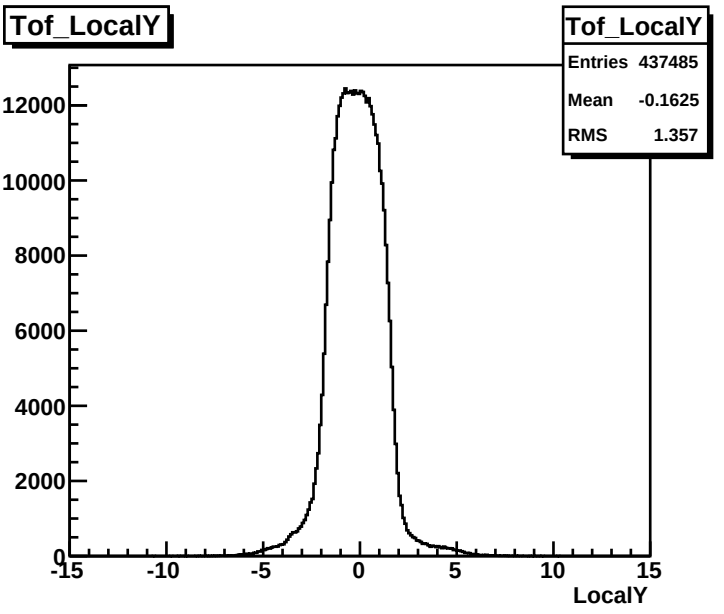

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

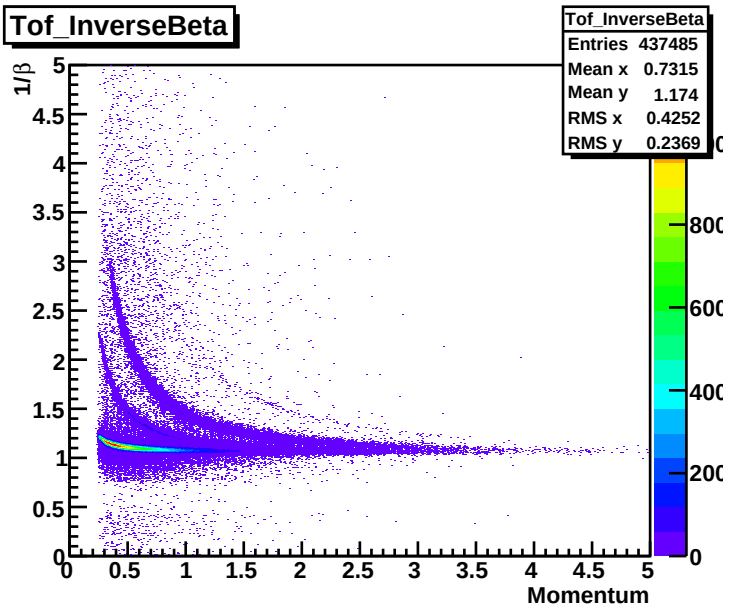

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

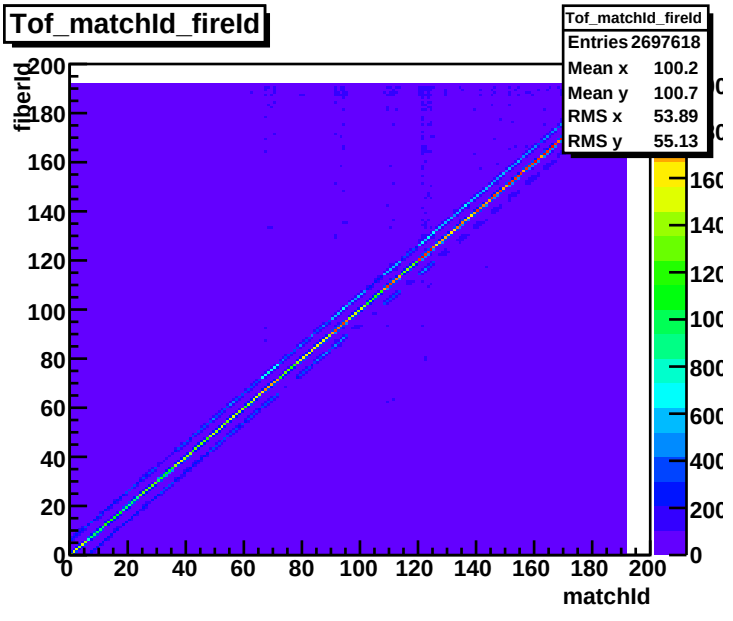

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

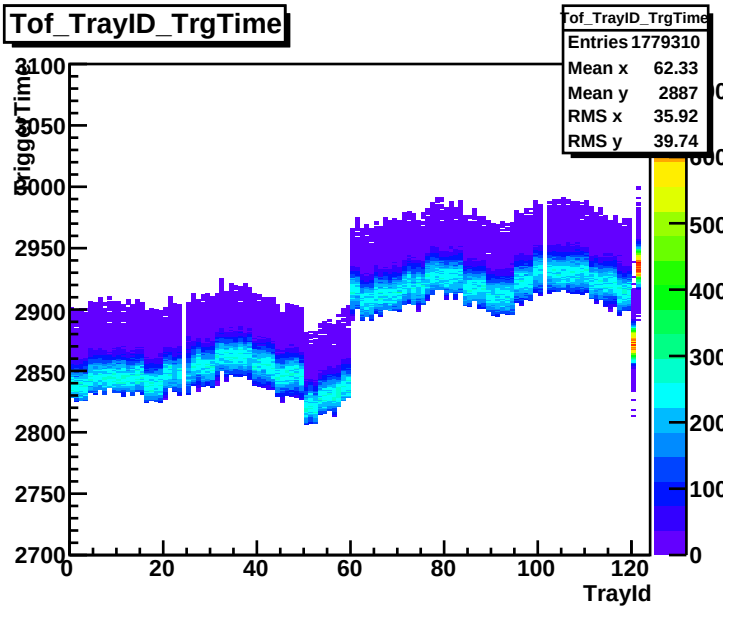

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

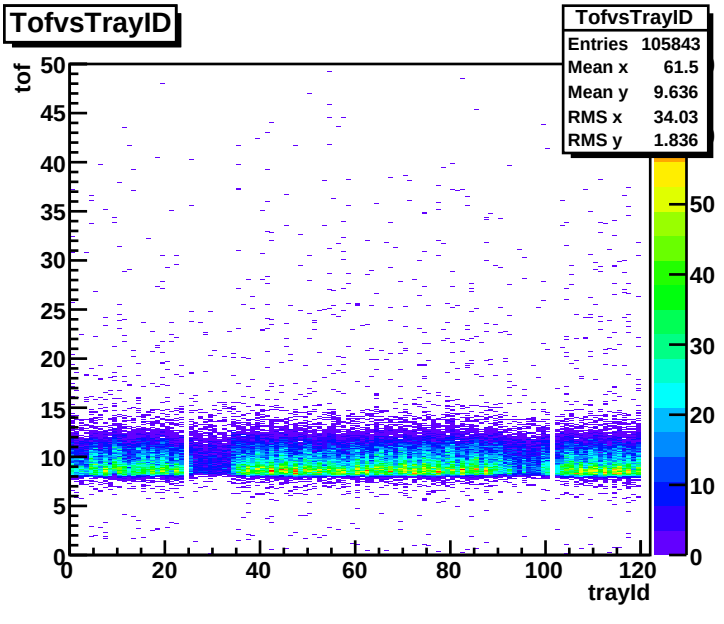

Tof_LocalZ
Tof_LocalZ
Entries 437485
Mean -0.2085
RMS 1.909
LocalZ

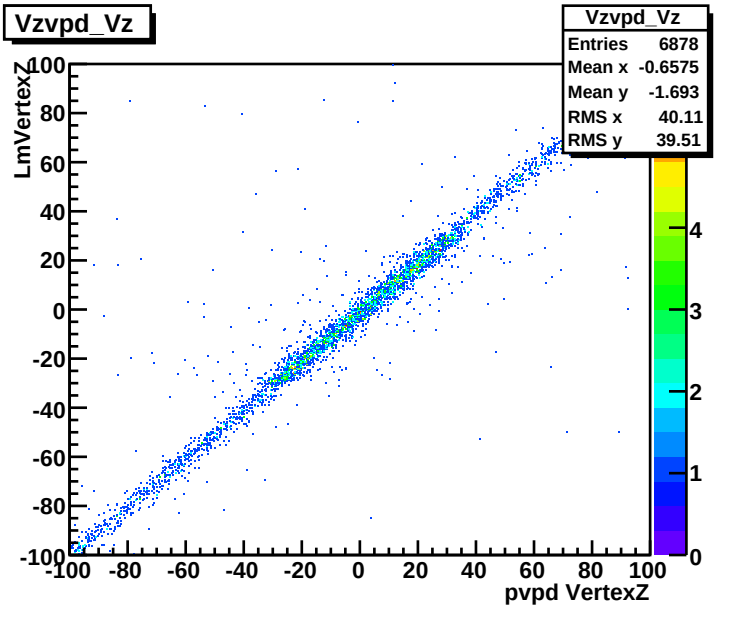

Tof_LocalY
Tof_LocalY
Entries 437485
Mean -0.1625
RMS 1.357
LocalY

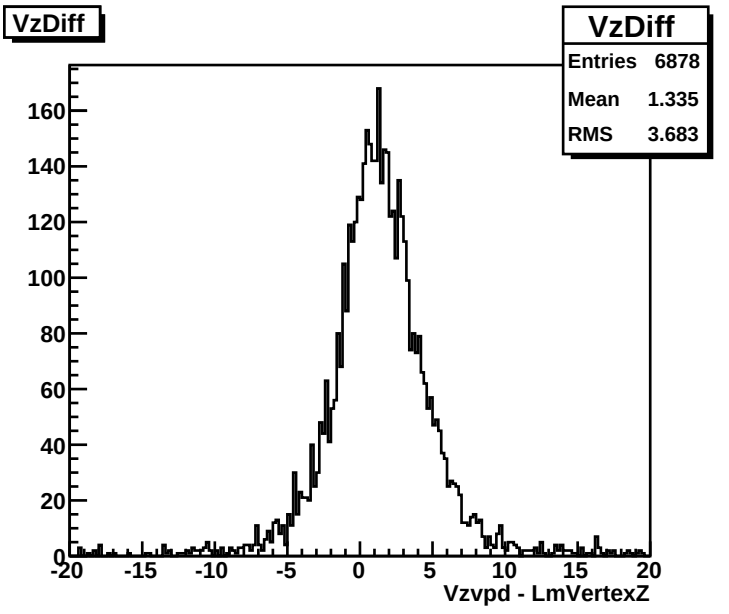

Tof_InverseBeta
Tof_InverseBeta
Entries 437485
Mean x 0.7315
Mean y 1.174
RMS x 0.4252
RMS y 0.2369
1/β
Momentum

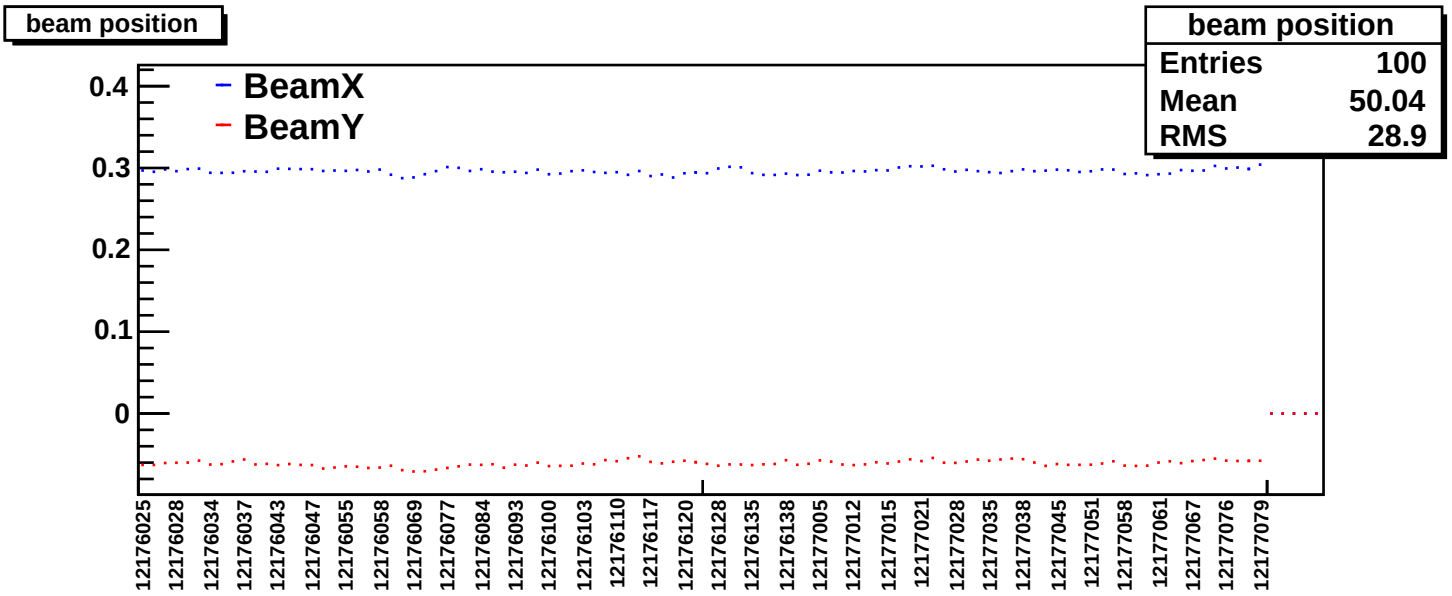

Tof_matchId_fireId
Tof_matchId_fireId
Entries 2697618
Mean x 100.2
Mean y 100.7
RMS x 53.89
RMS y 55.13
fiberId
matchId

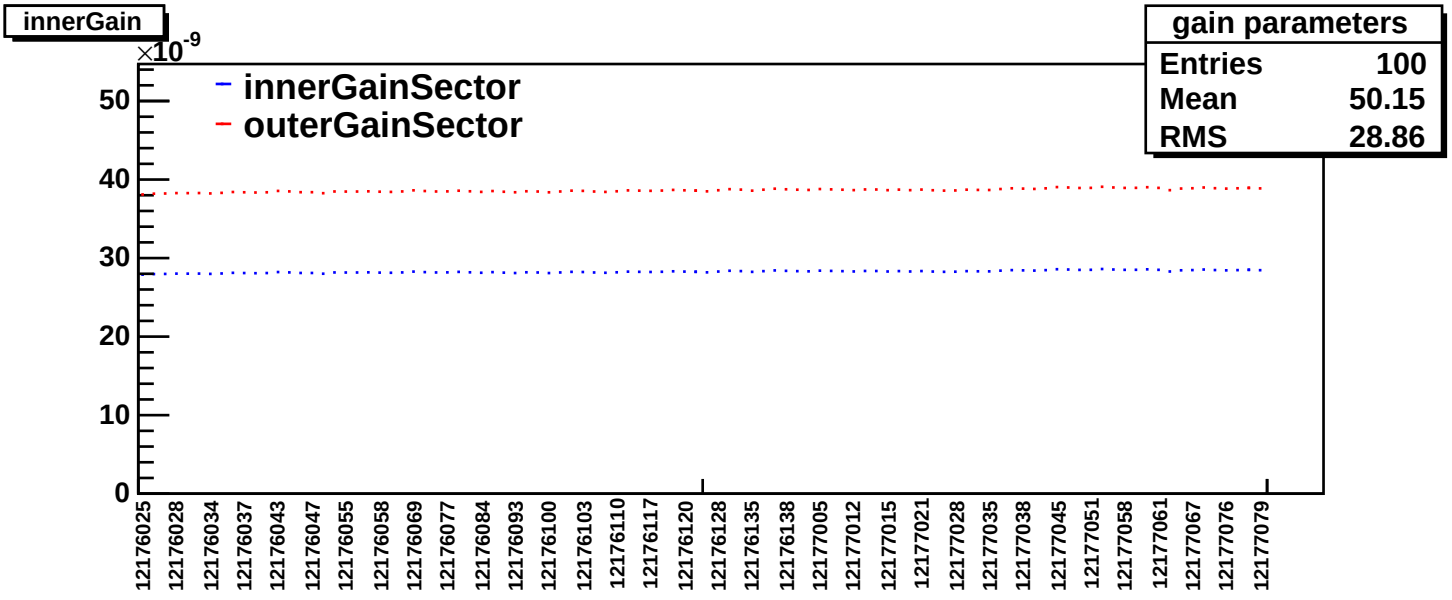

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 1779310
Mean x 62.33
Mean y 2887
RMS x 35.92
RMS y 39.74
TrayId

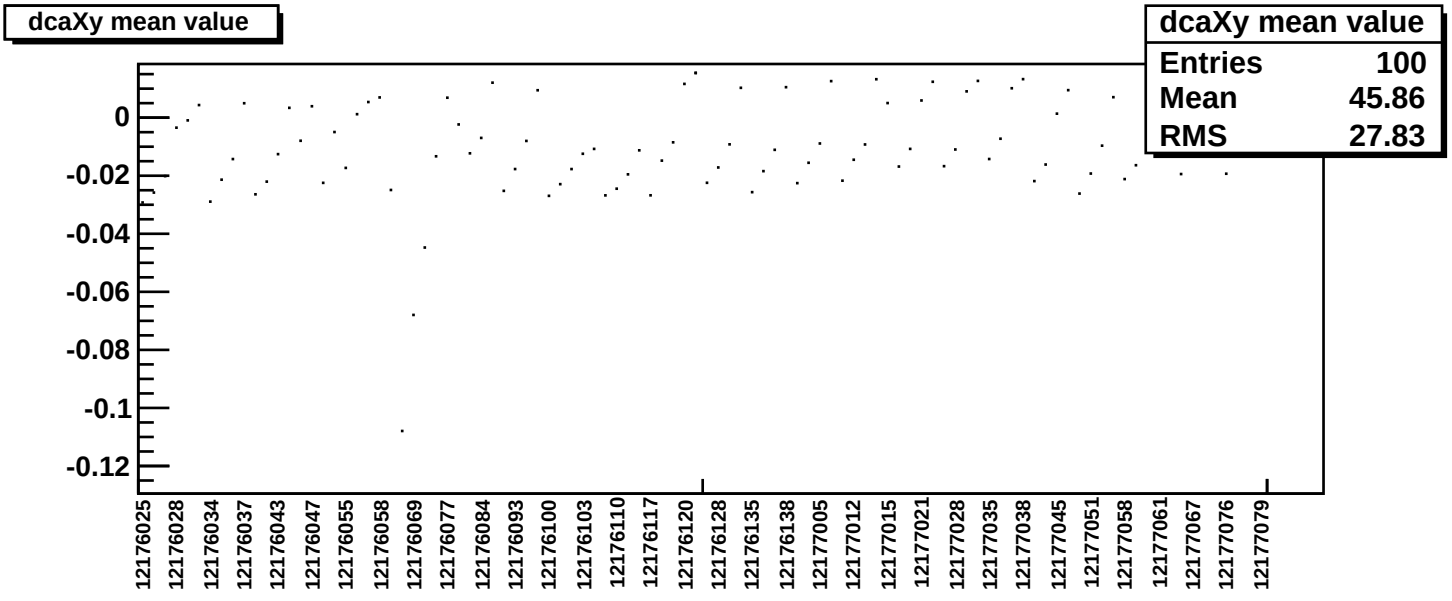

TofvsTrayID
TofvsTrayID
Entries 105843
Mean x 61.5
Mean y 9.636
RMS x 34.03
RMS y 1.836
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 6878
Mean x -0.6575
Mean y -1.693
RMS x 40.11
RMS y 39.51
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 6878
Mean 1.335
RMS 3.683
160
140
120
100
80
60
40
20
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
BeamX
BeamY
beam position
Entries 100
Mean 50.04
RMS 28.9
0.4
0.3
0.2
0.1
0
12176025 12176028 12176034 12176037 12176043 12176047 12176055 12176058 12176069 12176077 12176084 12176093 12176100 12176103 12176110 12176117 12176120 12176128 12176135 12176138 12177005 12177012 12177015 12177021 12177028 12177035 12177038 12177045 12177051 12177058 12177061 12177067 12177076 12177079


innerGain
×10^-9
innerGainSector
outerGainSector
gain parameters
Entries 100
Mean 50.15
RMS 28.86
50
40
30
20
10
0
12176025 12176028 12176034 12176037 12176043 12176047 12176055 12176058 12176069 12176077 12176084 12176093 12176100 12176103 12176110 12176117 12176120 12176128 12176135 12176138 12177005 12177012 12177015 12177021 12177028 12177035 12177038 12177045 12177051 12177058 12177061 12177067 12177076 12177079


dcaXy mean value
dcaXy mean value
Entries 100
Mean 45.86
RMS 27.83
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
12176025 12176028 12176034 12176037 12176043 12176047 12176055 12176058 12176069 12176077 12176084 12176093 12176100 12176103 12176110 12176117 12176120 12176128 12176135 12176138 12177005 12177012 12177015 12177021 12177028 12177035 12177038 12177045 12177051 12177058 12177061 12177067 12177076 12177079