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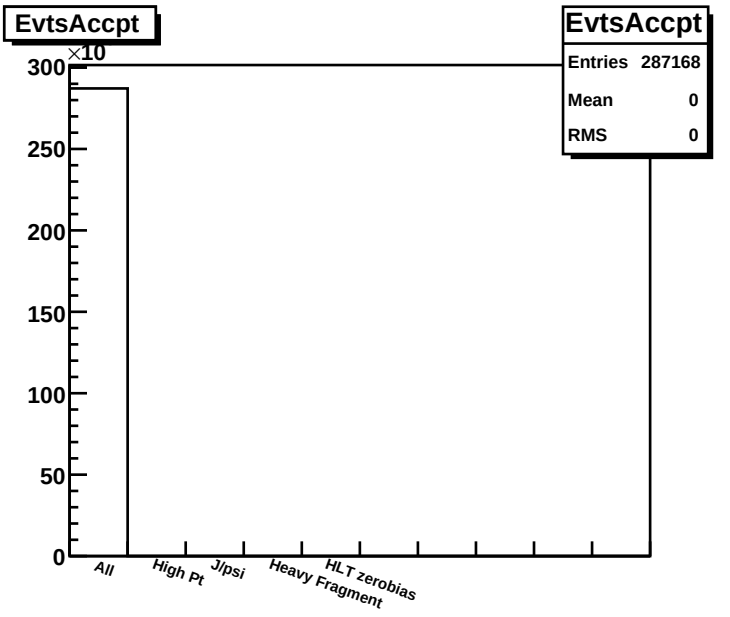
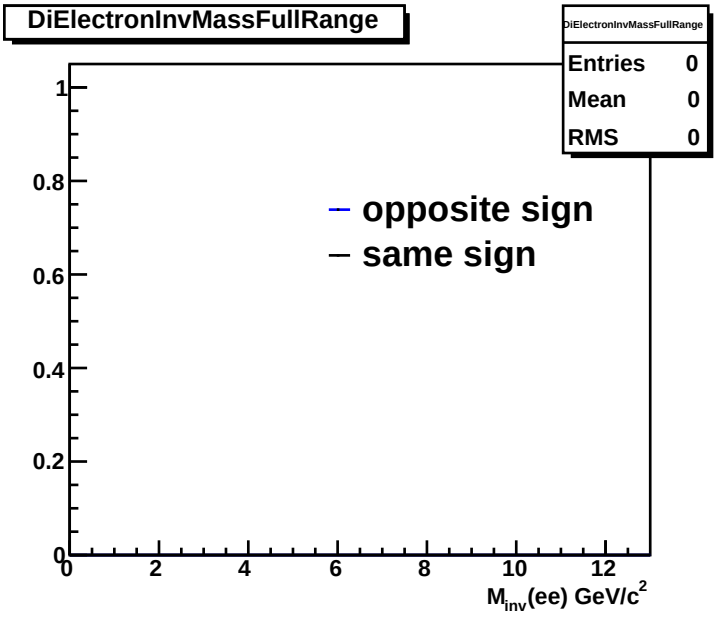
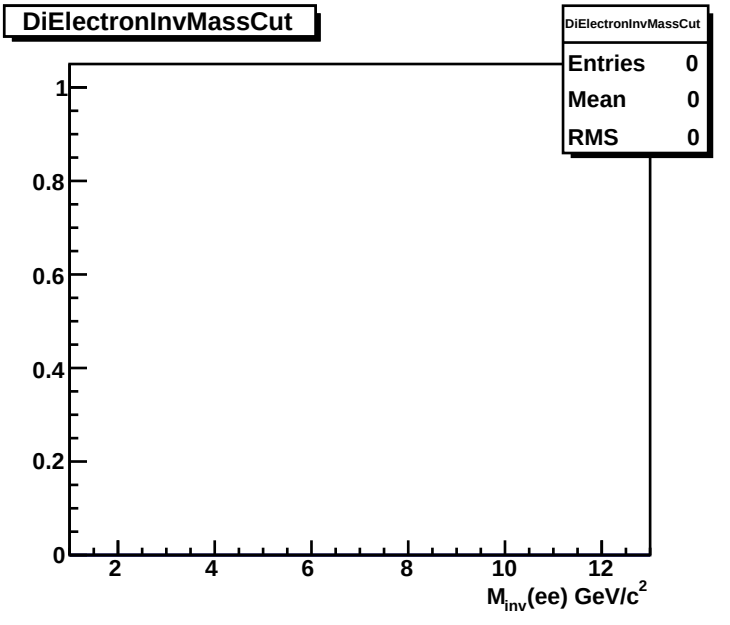
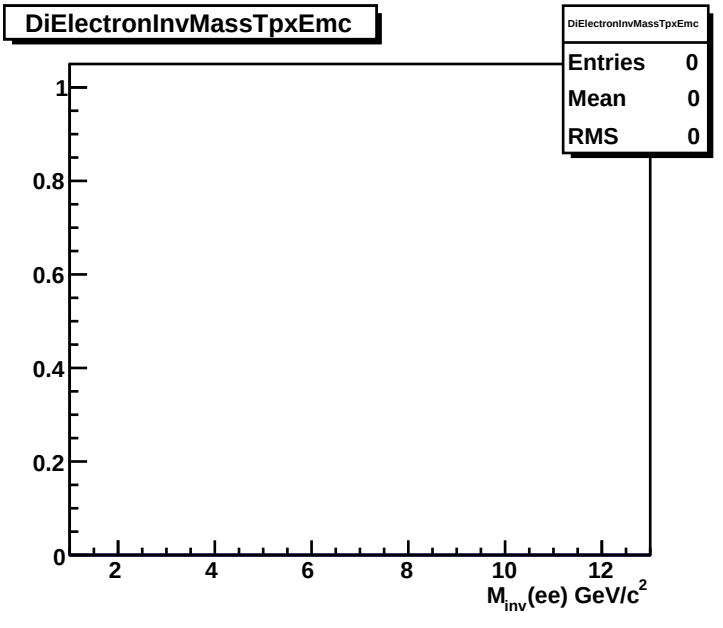
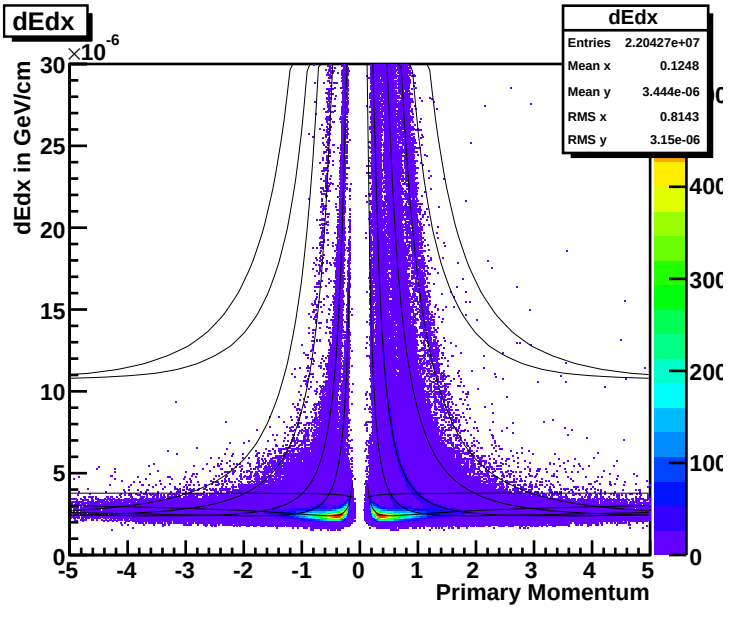
Sun Jun 26 23:51:25 2011

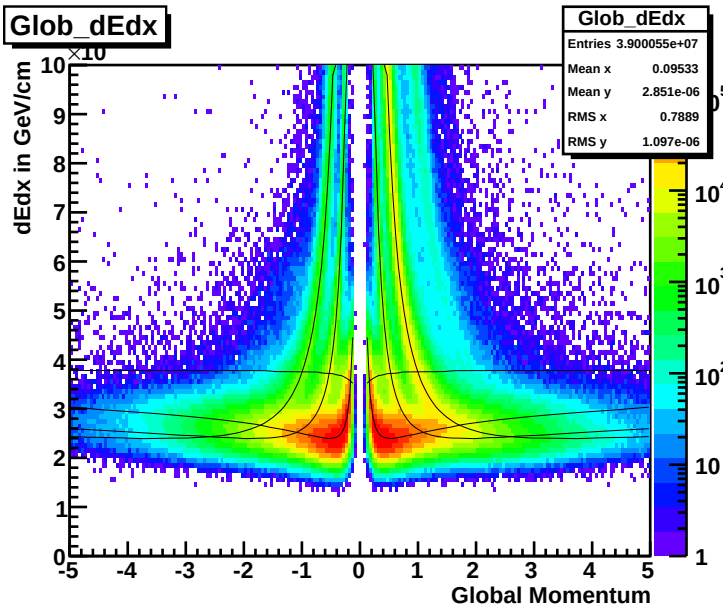


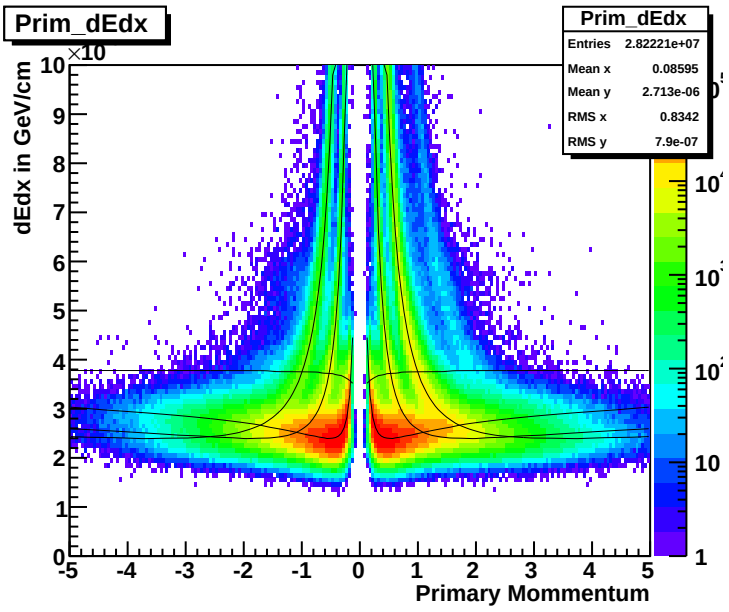


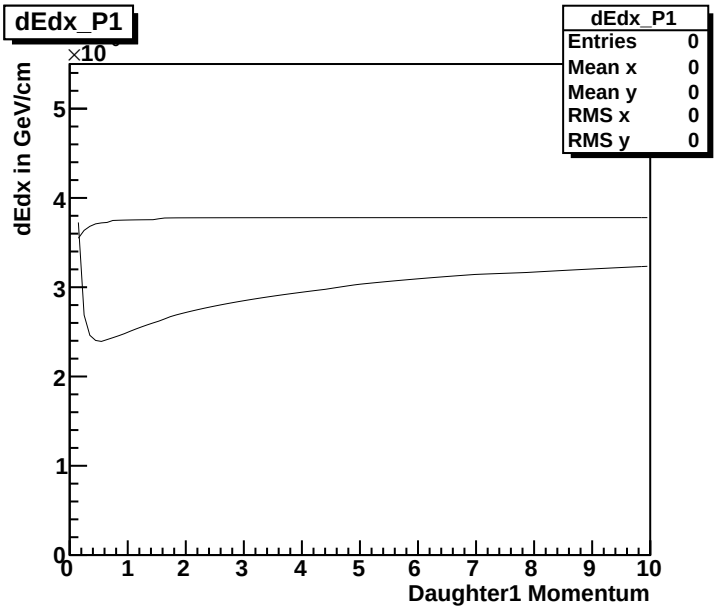


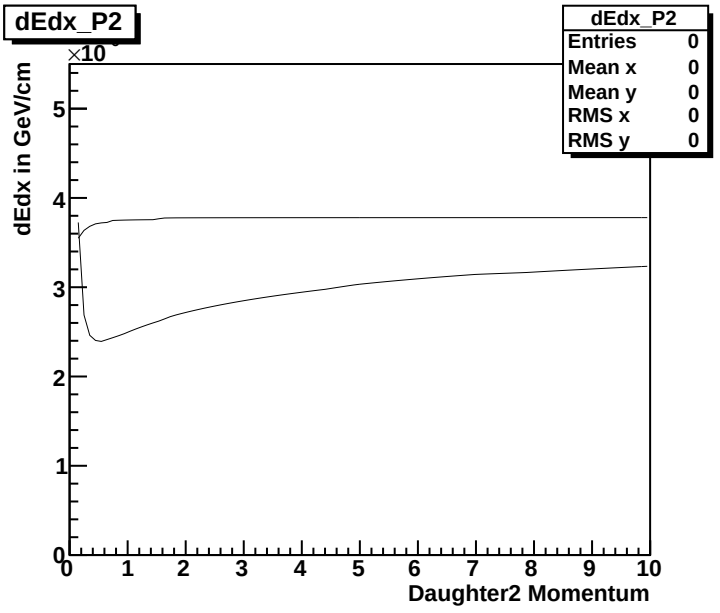


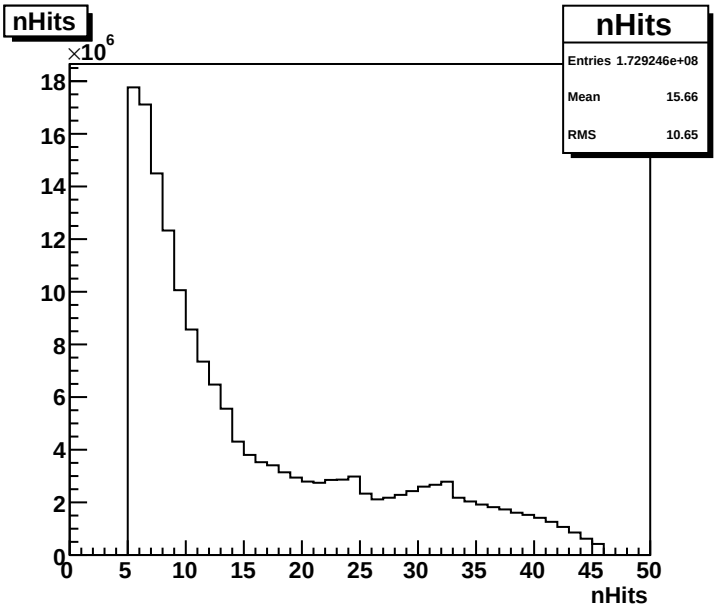


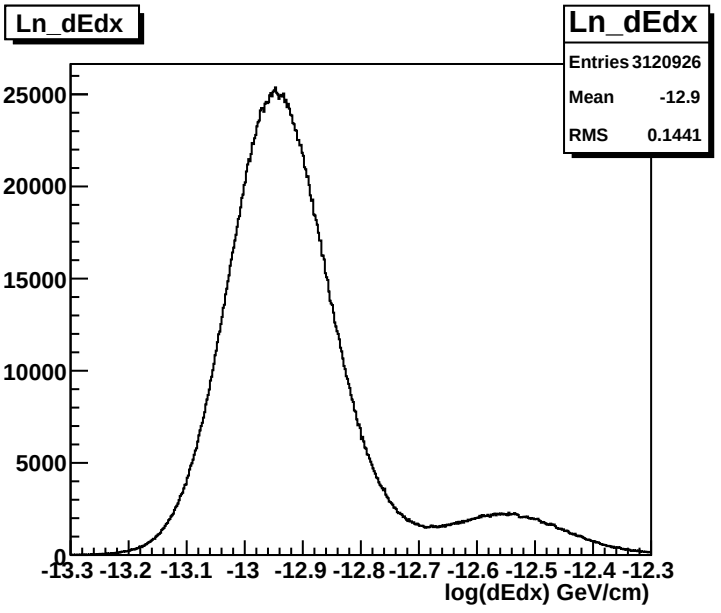

Glob_dEdx
Glob_dEdx
Entries 3.900055e+07
Mean x 0.09533
Mean y 2.851e-06
RMS x 0.7889
RMS y 1.097e-06
dEdx in GeV/cm
Global Momentum

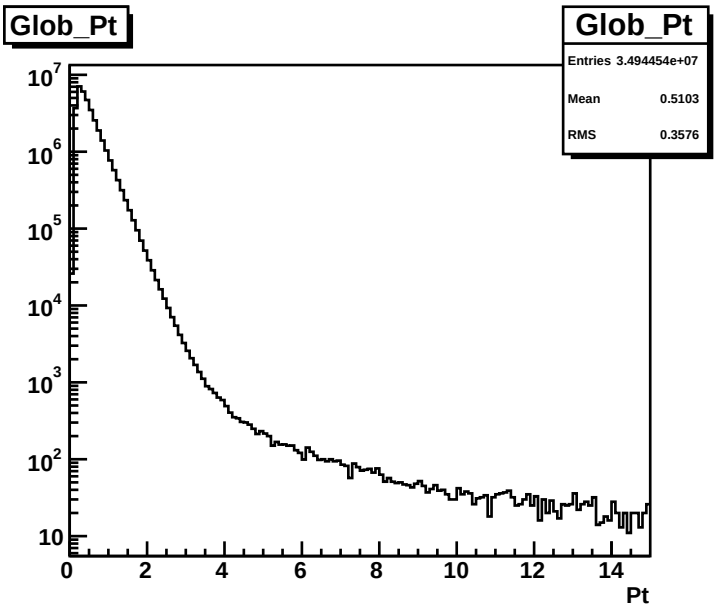

Prim_dEdx
Prim_dEdx
Entries 2.82221e+07
Mean x 0.08595
Mean y 2.713e-06
RMS x 0.8342
RMS y 7.9e-07
dEdx in GeV/cm
Primary Mommentum

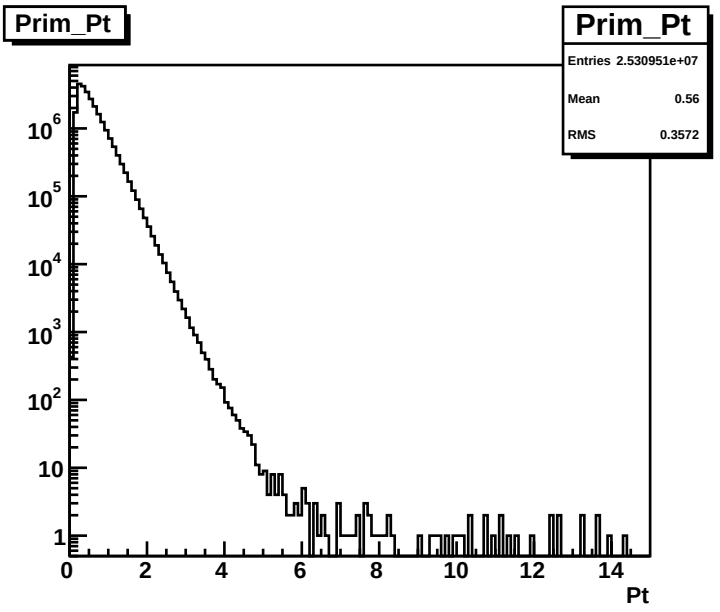

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

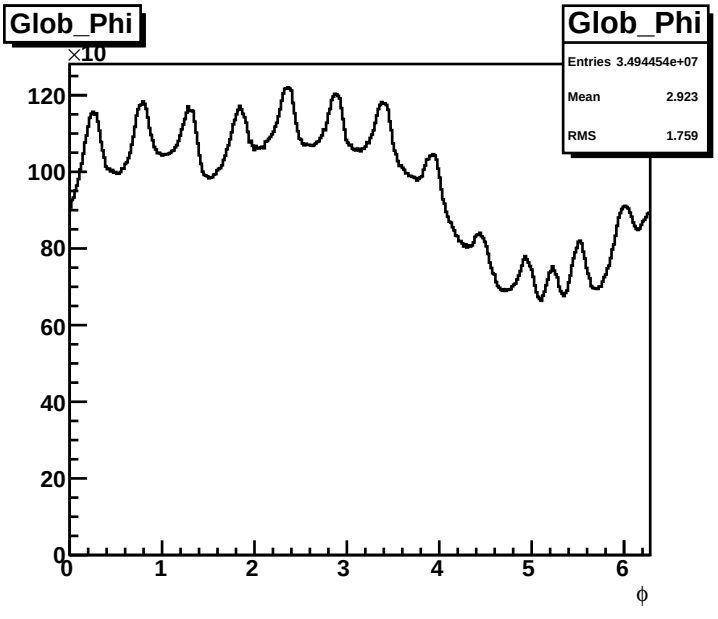

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

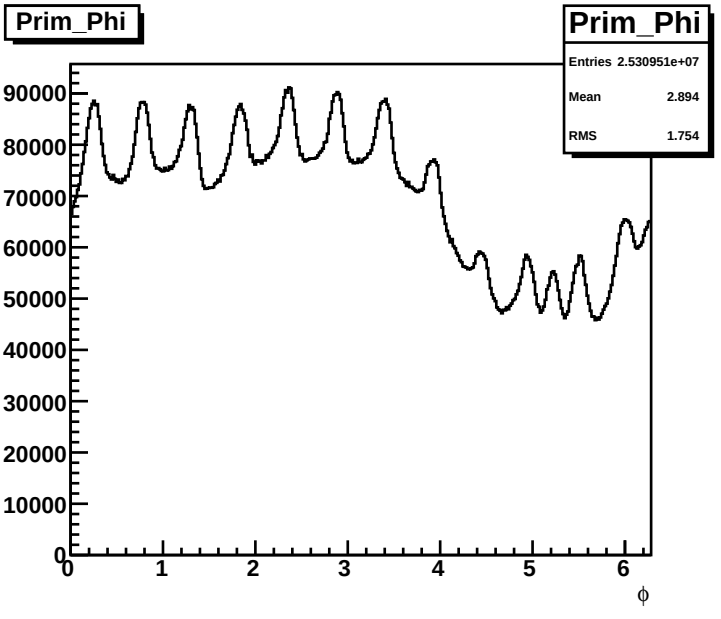

nHits
nHits
Entries 1.729246e+08
Mean 15.66
RMS 10.65
nHits

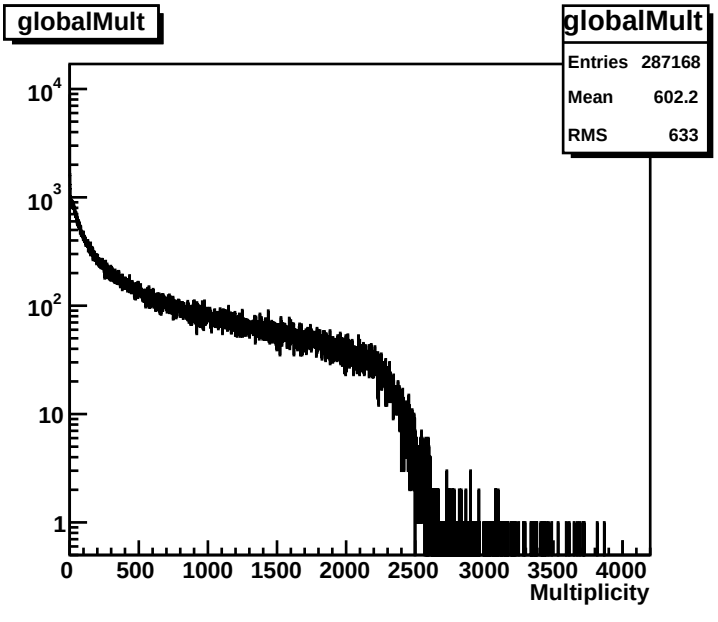

Ln_dEdx
Ln_dEdx
Entries 3120926
Mean -12.9
RMS 0.1441
log(dEdx) GeV/cm

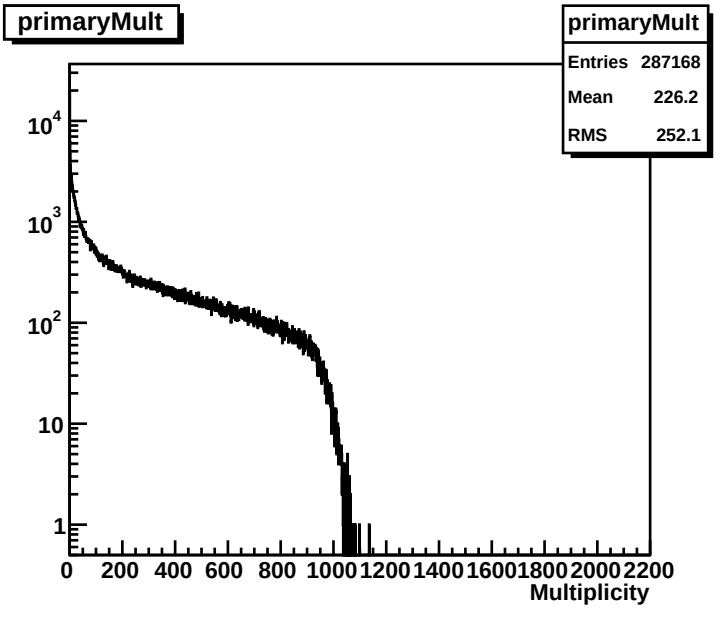

Glob_Pt
Glob_Pt
Entries 3.494454e+07
Mean 0.5103
RMS 0.3576
Pt

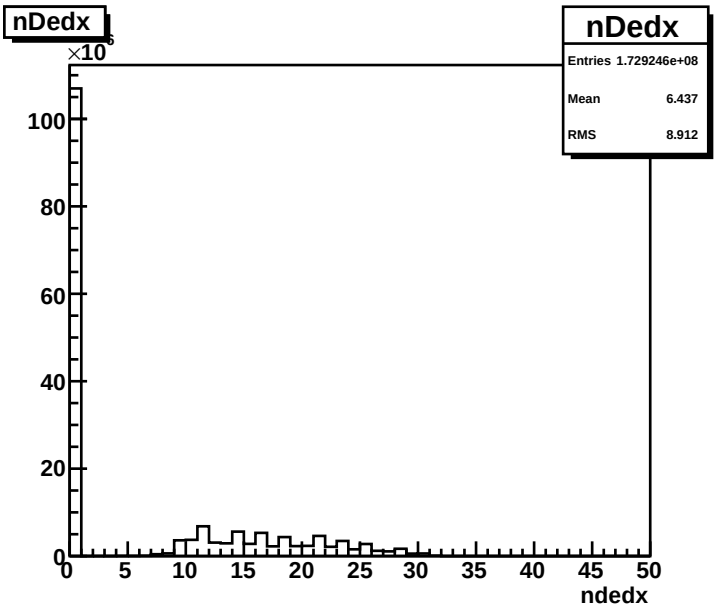

Prim_Pt
Prim_Pt
Entries 2.530951e+07
Mean 0.56
RMS 0.3572
Pt

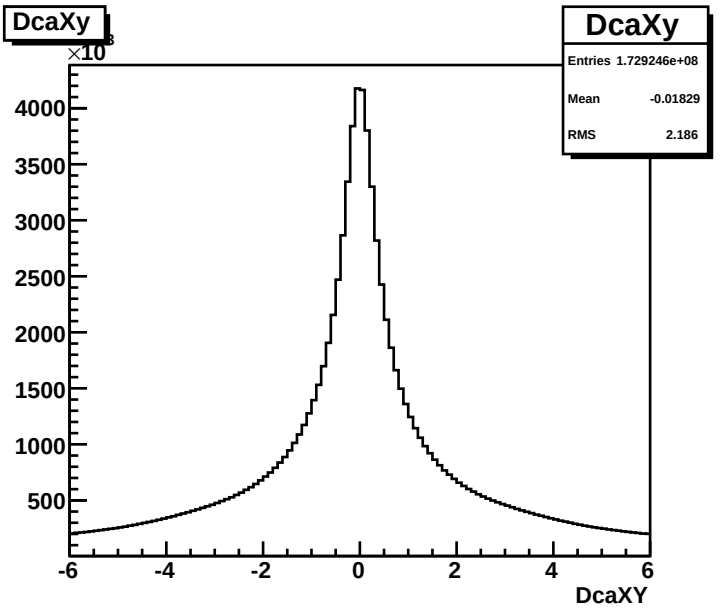

Glob_Phi
Glob_Phi
Entries 3.494454e+07
Mean 2.923
RMS 1.759
×10
ϕ

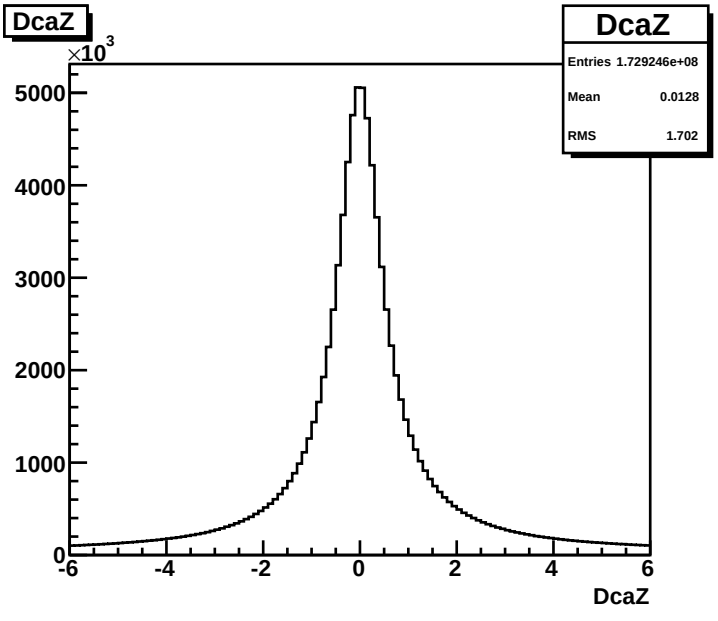

Prim_Phi
Prim_Phi
Entries 2.530951e+07
Mean 2.894
RMS 1.754
ϕ

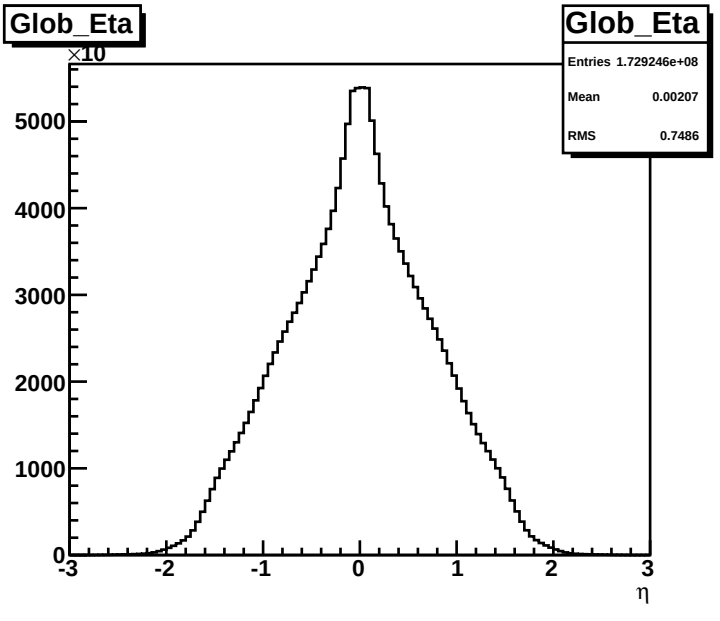

globalMult
globalMult
Entries 287168
Mean 602.2
RMS 633
Multiplicity

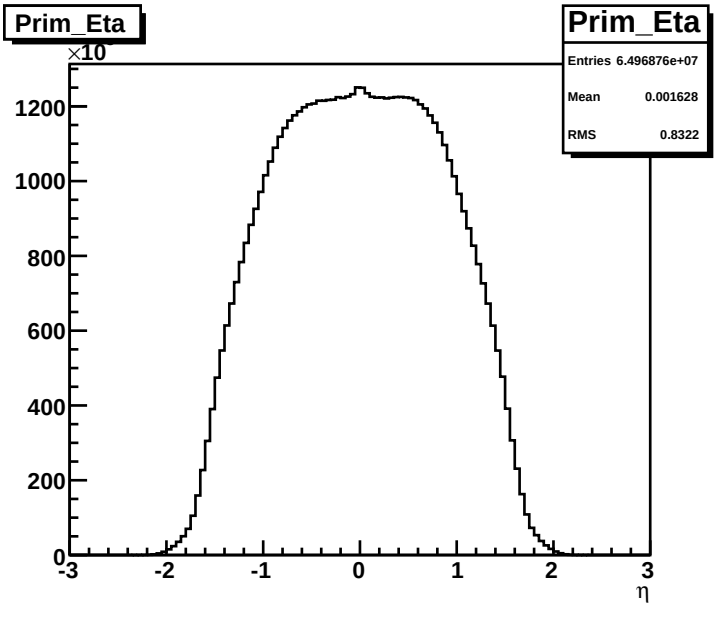

primaryMult
primaryMult
Entries 287168
Mean 226.2
RMS 252.1
Multiplicity

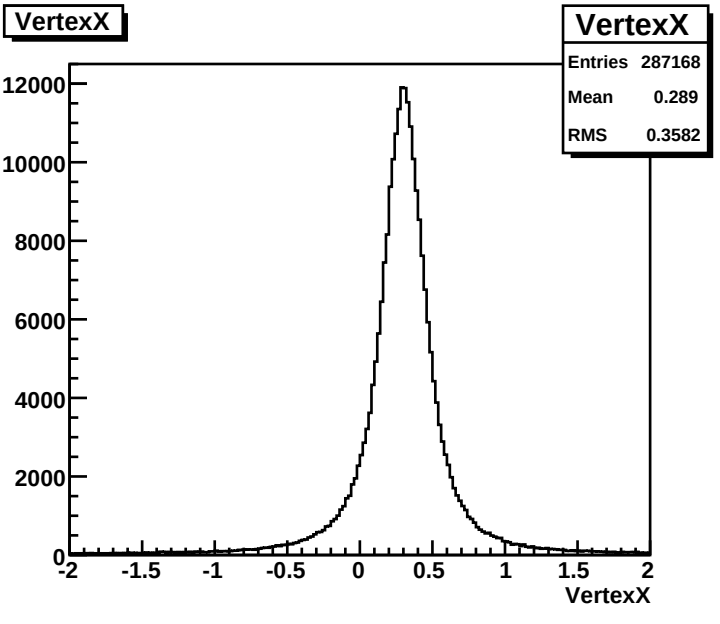

nDedx
nDedx
Entries 1.729246e+08
Mean 6.437
RMS 8.912
ndedx

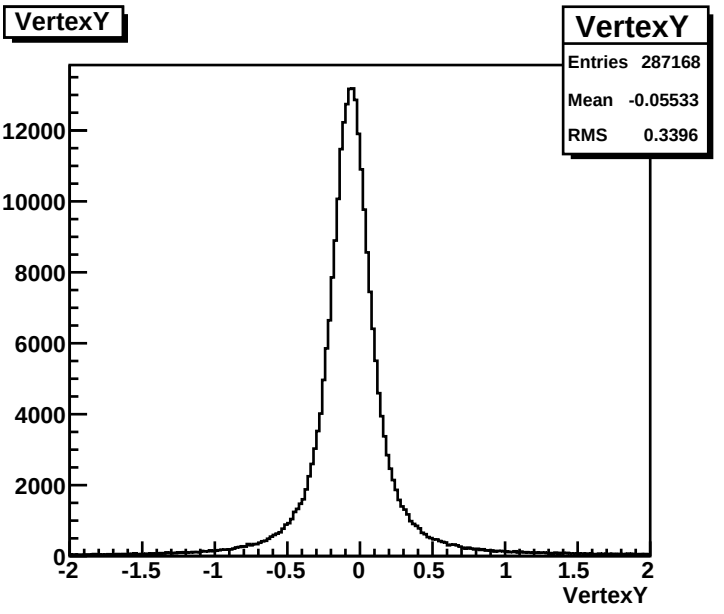

DcaXy
DcaXy
Entries 1.729246e+08
Mean -0.01829
RMS 2.186
DcaXY

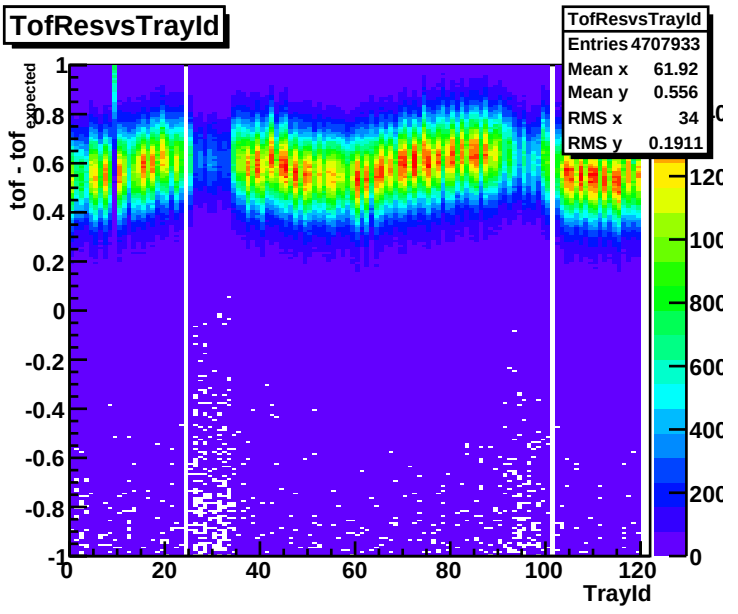

DcaZ
DcaZ
Entries 1.729246e+08
Mean 0.0128
RMS 1.702
DcaZ

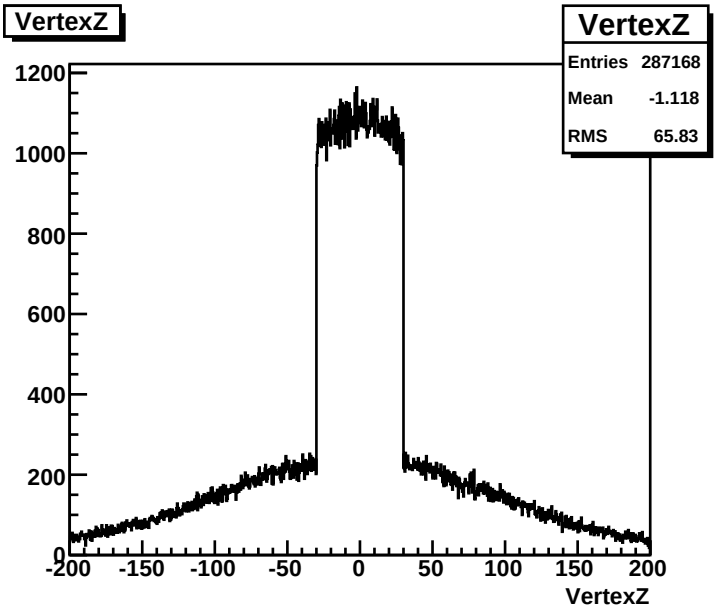

Glob_Eta
Glob_Eta
Entries 1.729246e+08
Mean 0.00207
RMS 0.7486
η

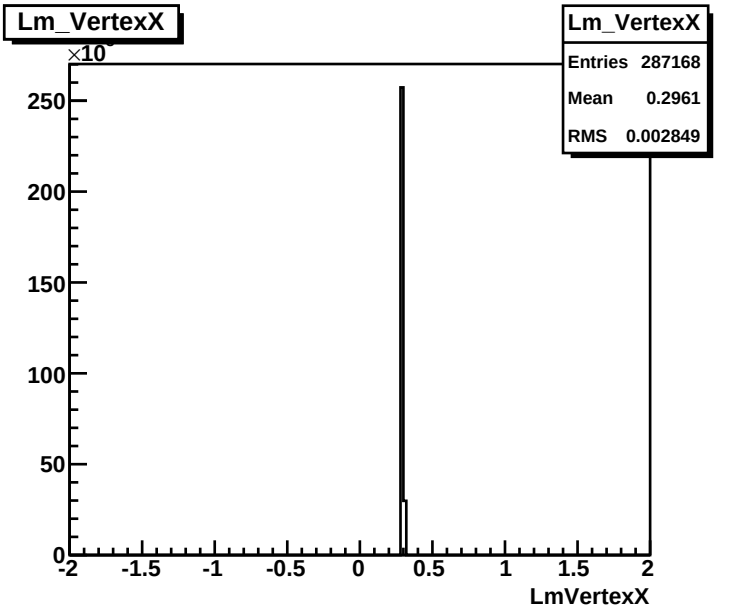

Prim_Eta
Prim_Eta
Entries 6.496876e+07
Mean 0.001628
RMS 0.8322
η

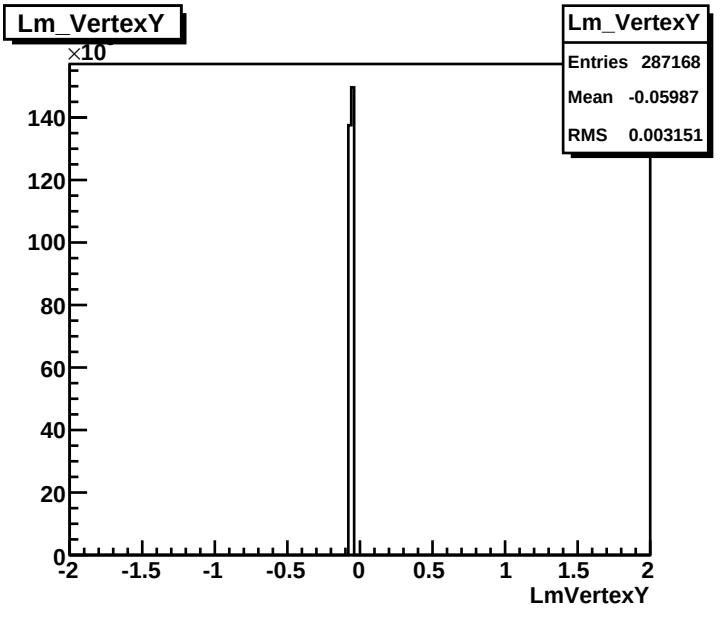

VertexX
VertexX
Entries 287168
Mean 0.289
RMS 0.3582
VertexX

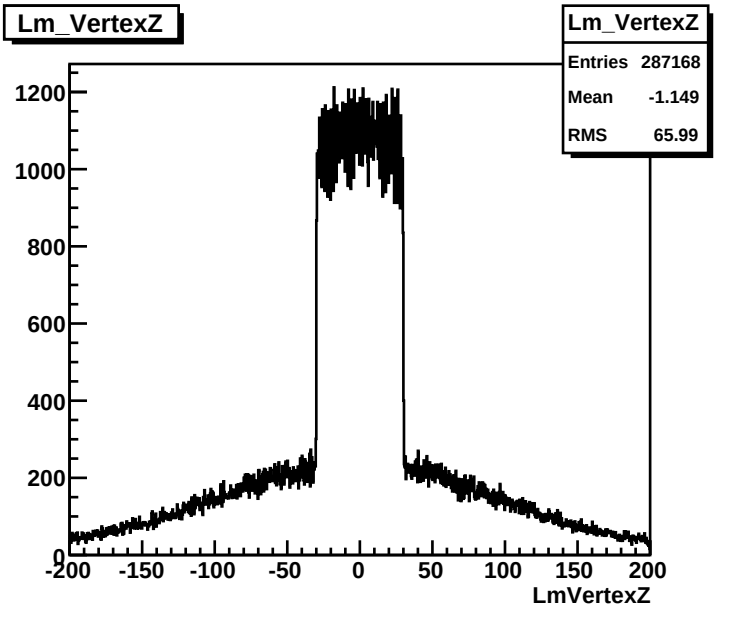

VertexY
VertexY
Entries 287168
Mean -0.05533
RMS 0.3396
VertexY

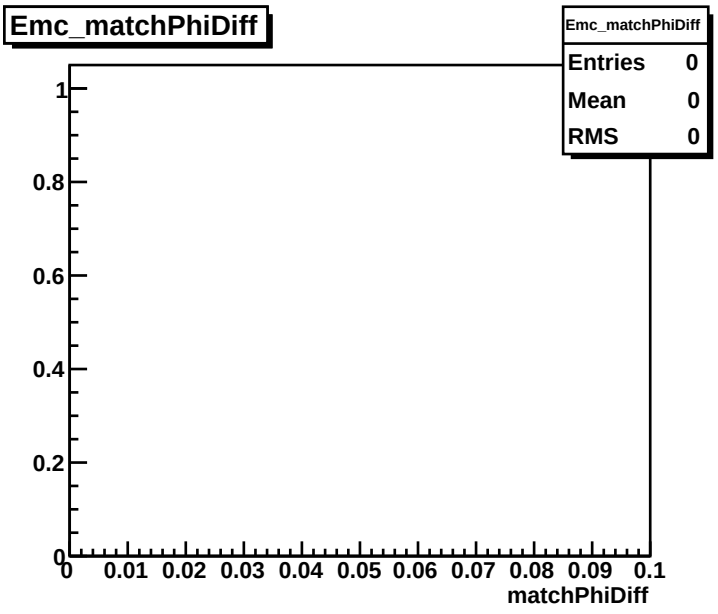

TofResvsTrayId
TofResvsTrayId
Entries 4707933
Mean x 61.92
Mean y 0.556
RMS x 34
RMS y 0.1911
tof - tof expected
TrayId

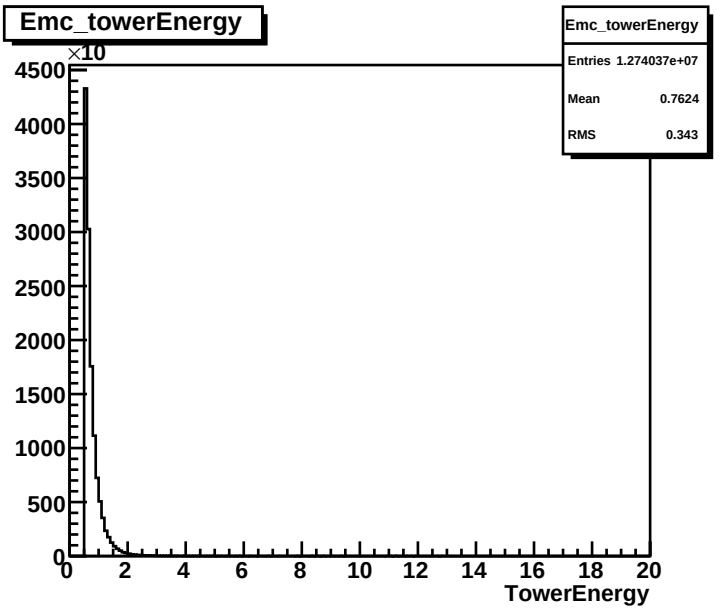

VertexZ
VertexZ
Entries 287168
Mean -1.118
RMS 65.83
VertexZ

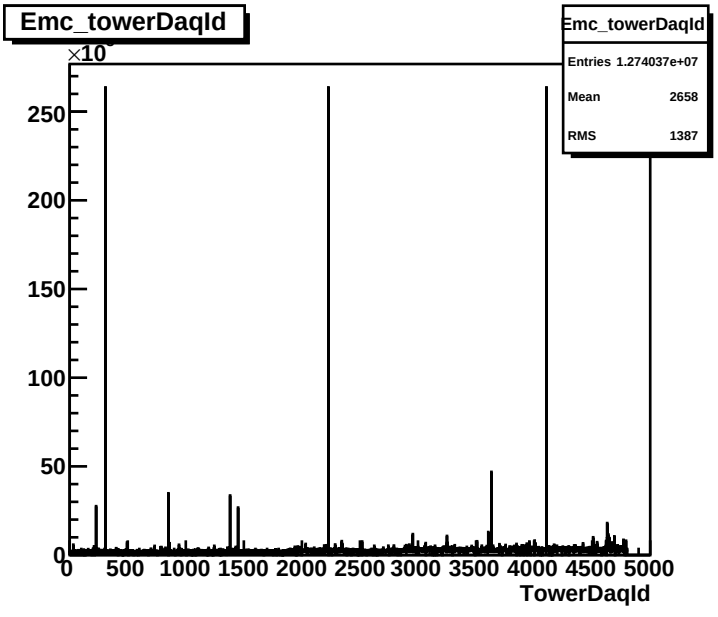

Lm_VertexX
Lm_VertexX
Entries 287168
Mean 0.2961
RMS 0.002849
LmVertexX

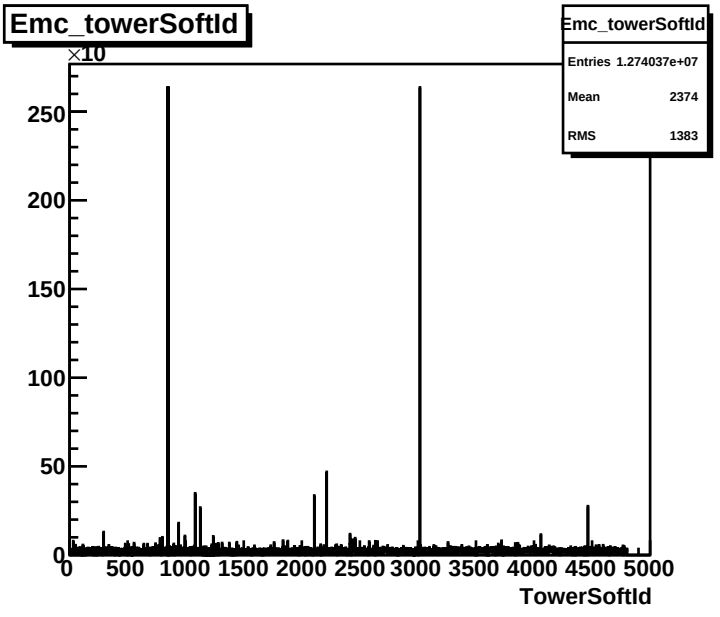

Lm_VertexY
Lm_VertexY
Entries 287168
Mean -0.05987
RMS 0.003151
LmVertexY

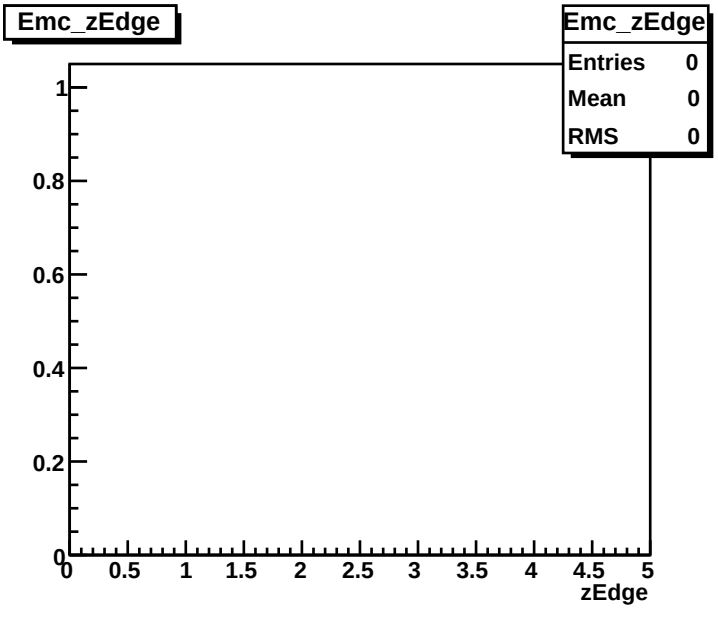

Lm_VertexZ
Lm_VertexZ
Entries 287168
Mean -1.149
RMS 65.99
LmVertexZ

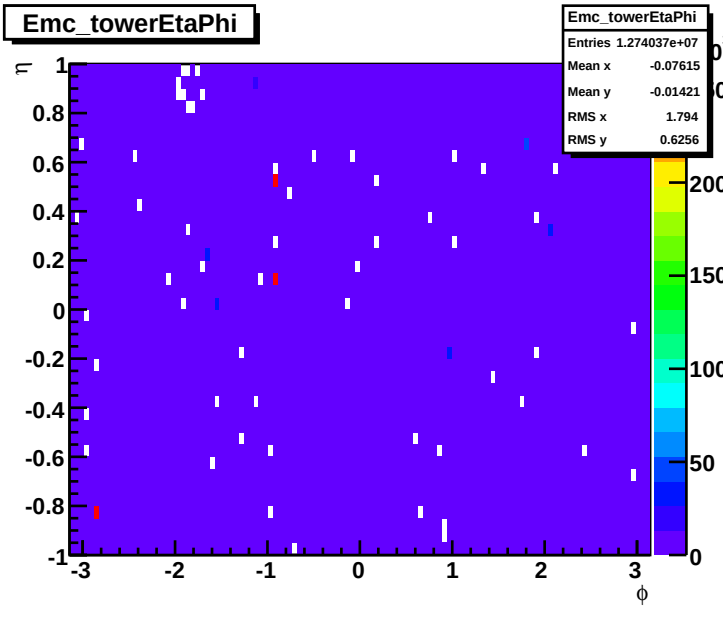

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

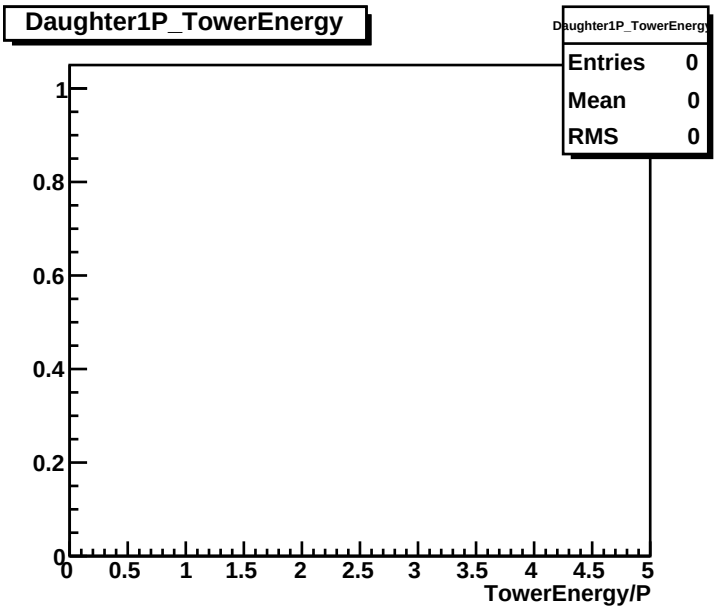

Emc_towerEnergy
Emc_towerEnergy
Entries 1.274037e+07
Mean 0.7624
RMS 0.343
TowerEnergy

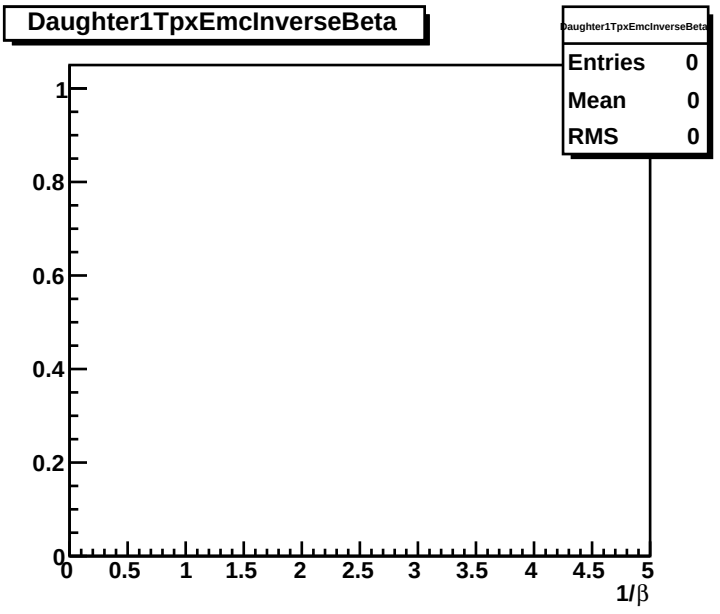

Emc_towerDaqId
Emc_towerDaqId
Entries 1.274037e+07
Mean 2658
RMS 1387
TowerDaqId

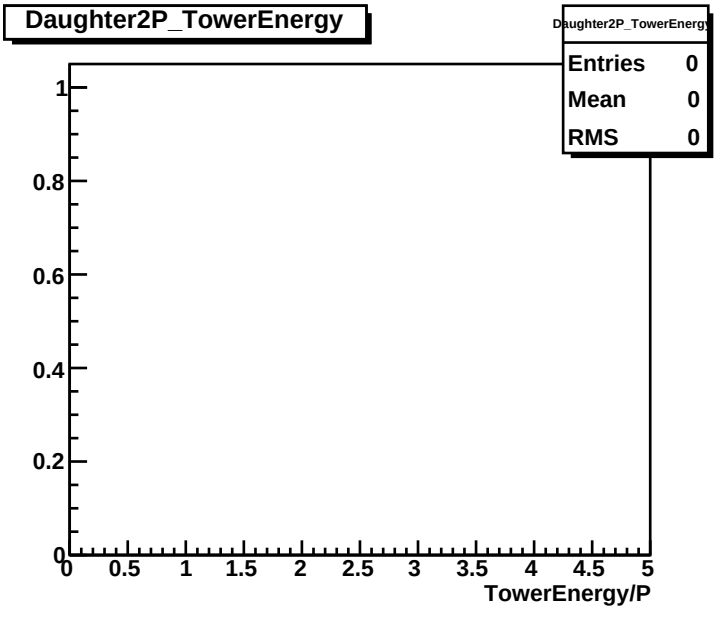

Emc_towerSoftId
Emc_towerSoftId
Entries 1.274037e+07
Mean 2374
RMS 1383
TowerSoftId

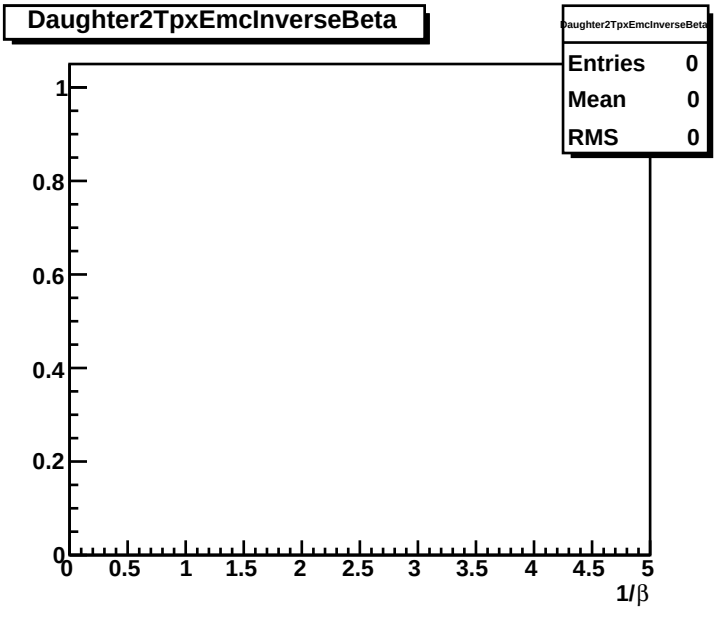

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

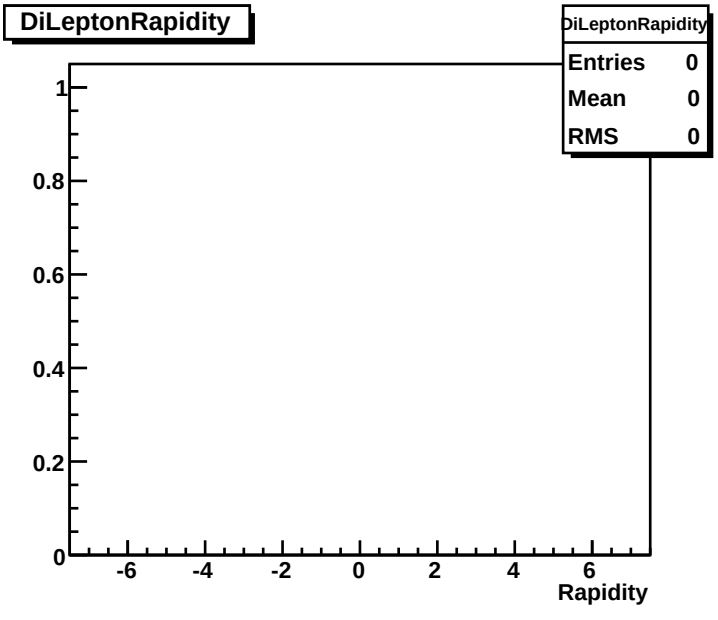

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 1.274037e+07
Mean x -0.07615
Mean y -0.01421
RMS x 1.794
RMS y 0.6256
η
ϕ

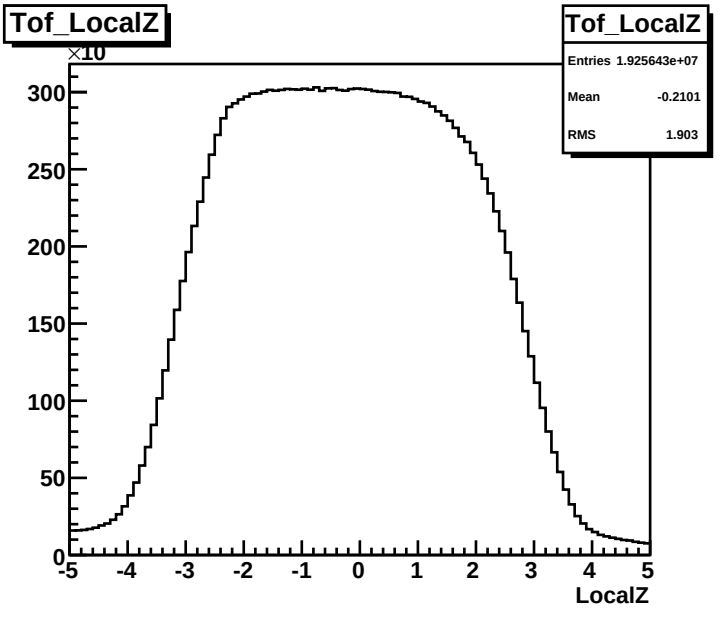

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

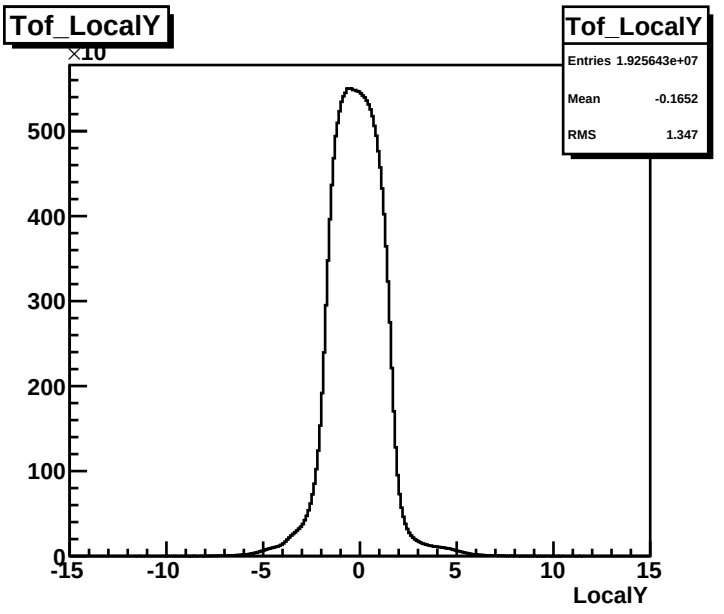

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

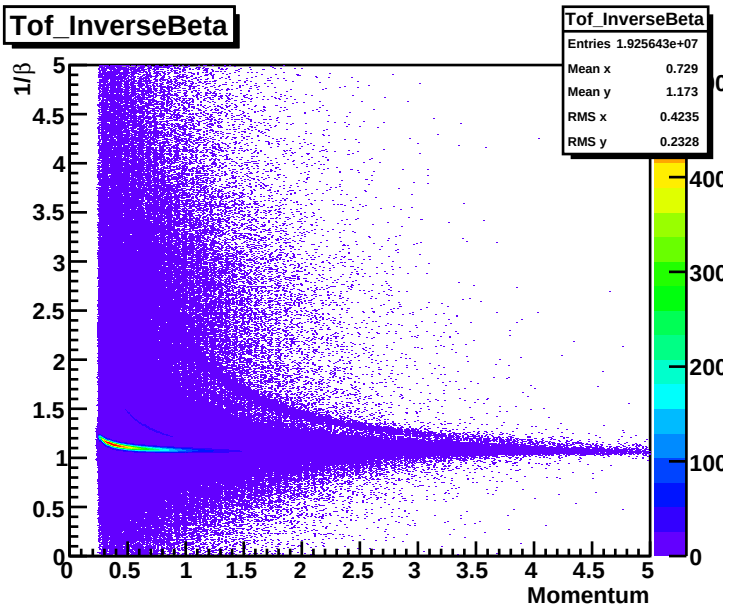

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

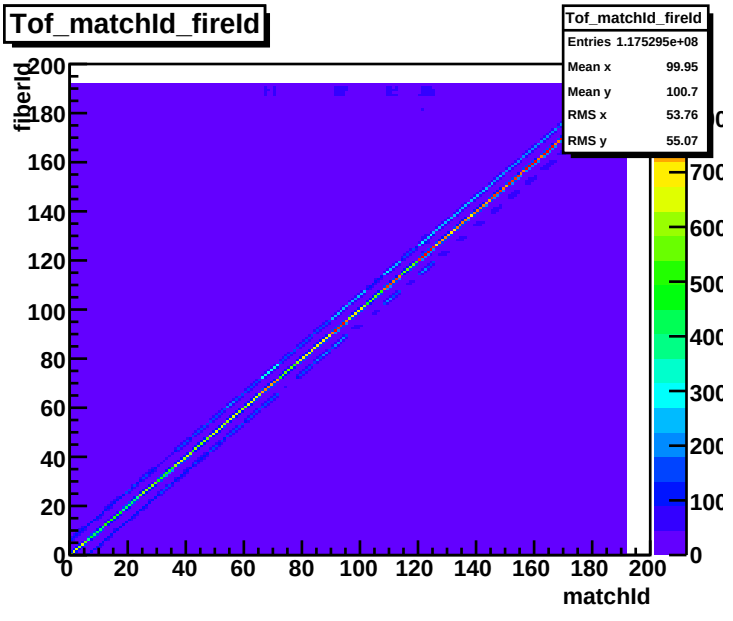

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

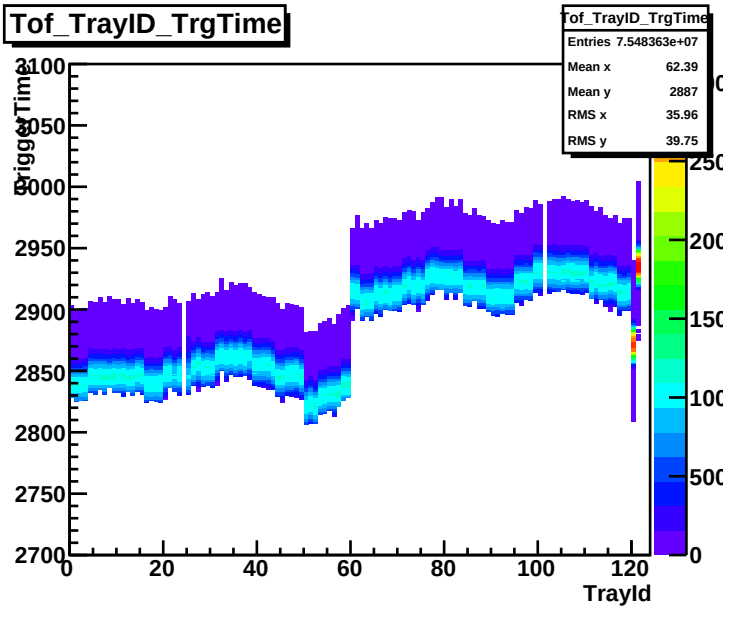

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

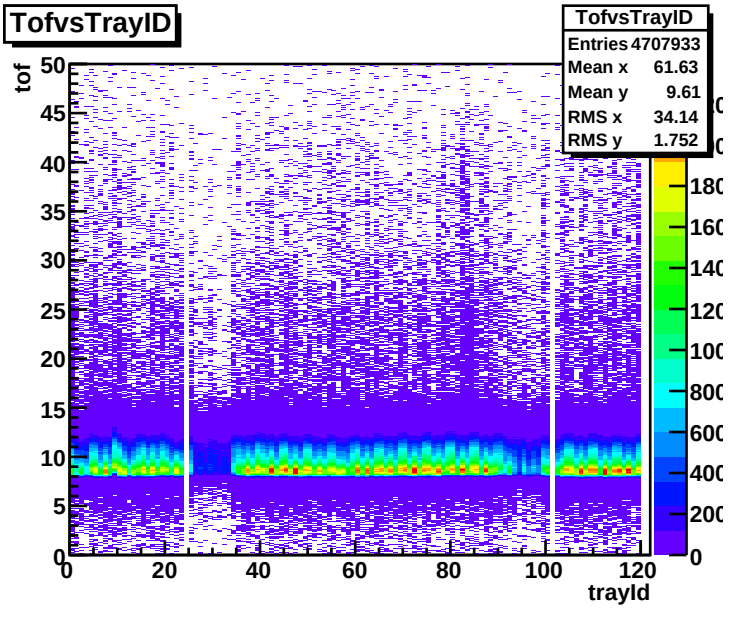

Tof_LocalZ
Tof_LocalZ
Entries 1.925643e+07
Mean -0.2101
RMS 1.903
×10
LocalZ

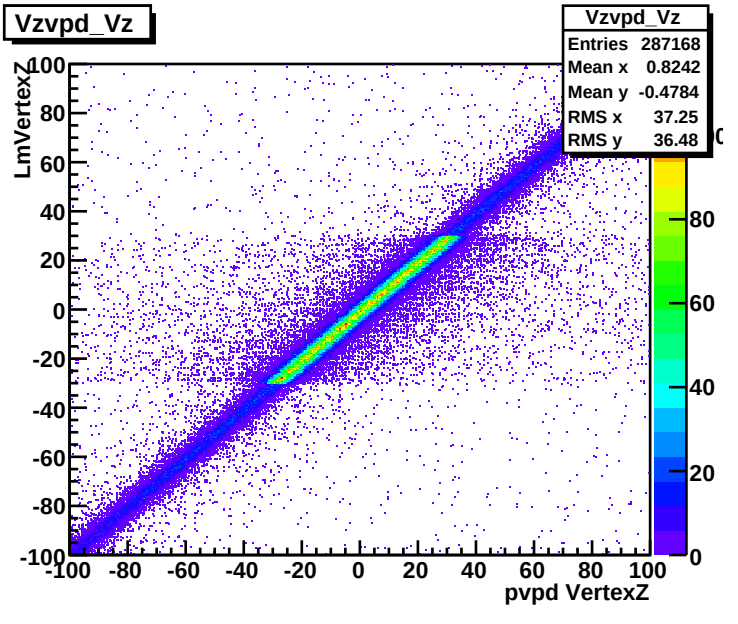

Tof_LocalY
Tof_LocalY
Entries 1.925643e+07
Mean -0.1652
RMS 1.347
×10
LocalY

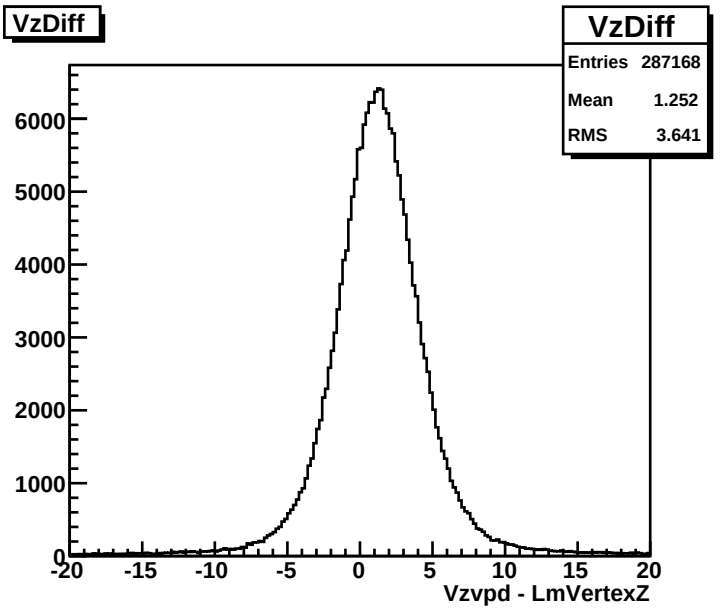

Tof_InverseBeta
Tof_InverseBeta
Entries 1.925643e+07
Mean x 0.729
Mean y 1.173
RMS x 0.4235
RMS y 0.2328
1/β
Momentum

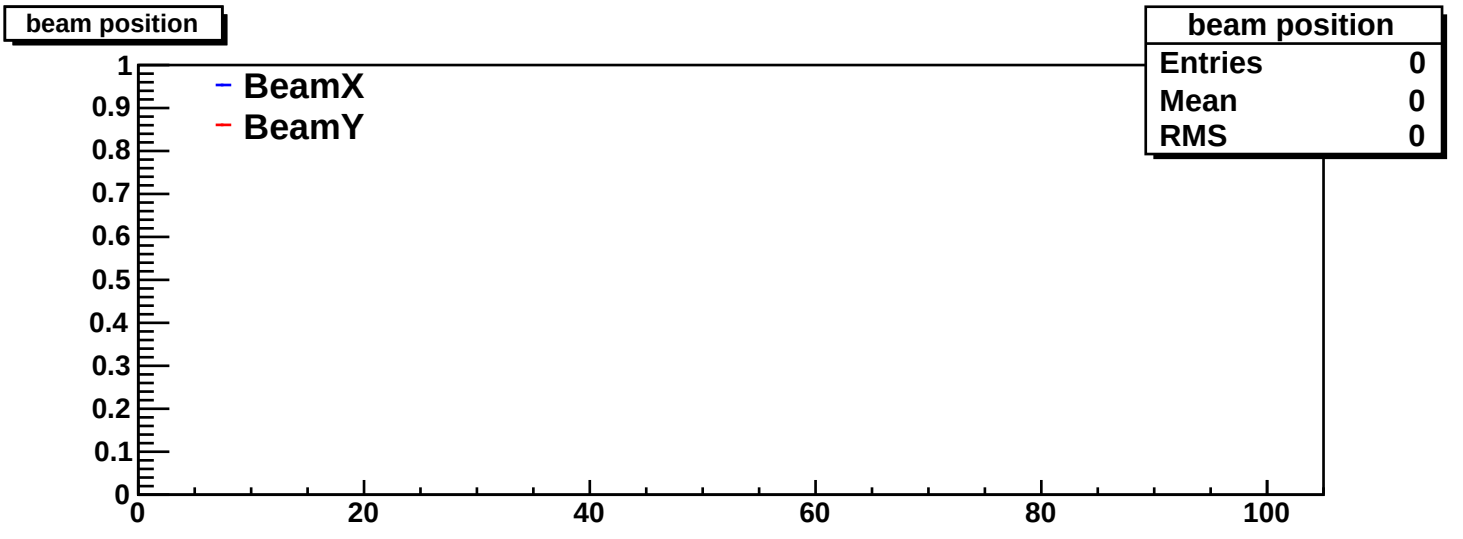

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1.175295e+08
Mean x 99.95
Mean y 100.7
RMS x 53.76
RMS y 55.07
fiberId
matchId

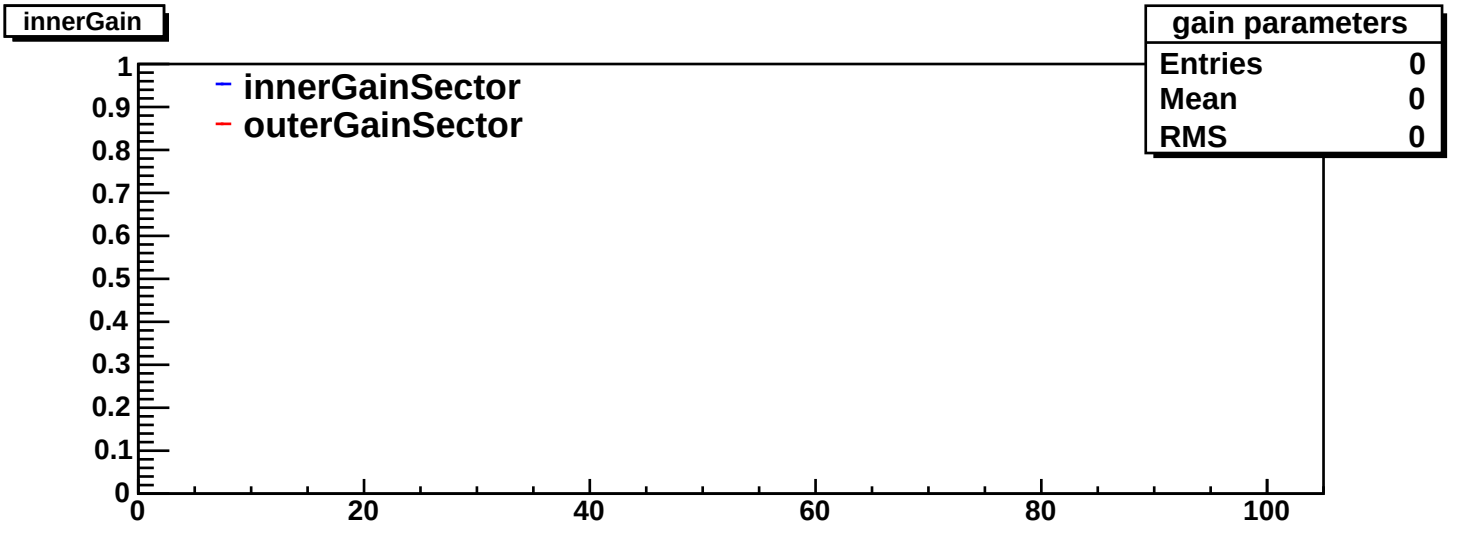

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 7.548363e+07
Mean x 62.39
Mean y 2887
RMS x 35.96
RMS y 39.75
TrayId

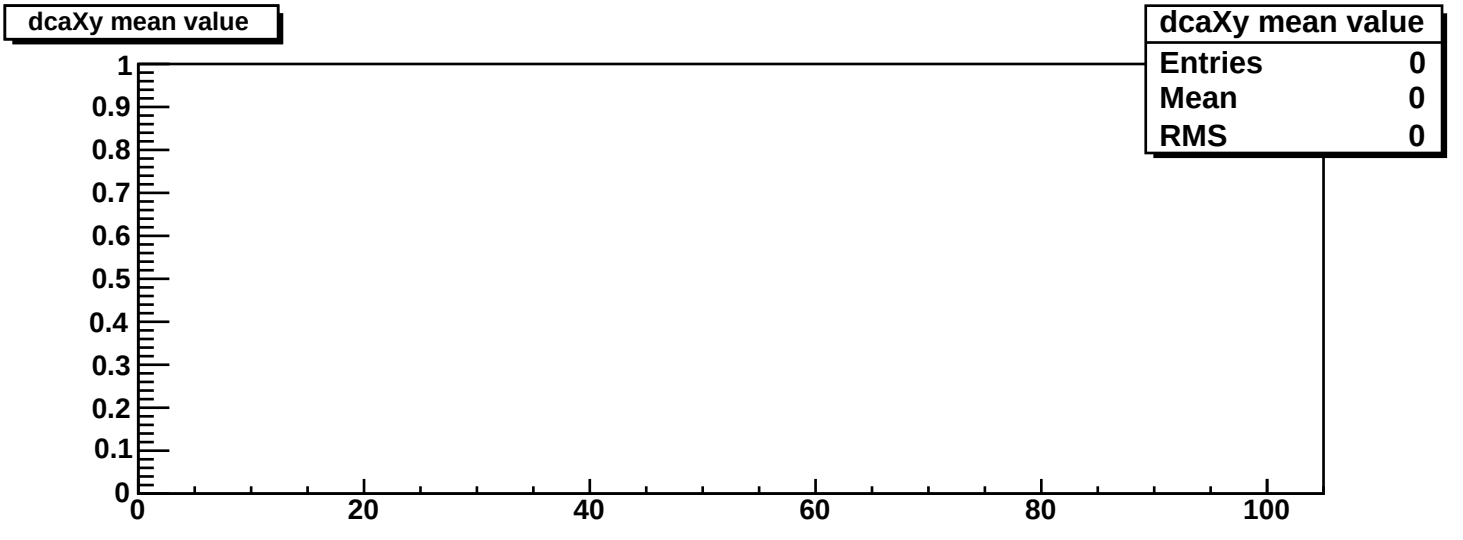

TofvsTrayID
TofvsTrayID
Entries 4707933
Mean x 61.63
Mean y 9.61
RMS x 34.14
RMS y 1.752
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 287168
Mean x 0.8242
Mean y -0.4784
RMS x 37.25
RMS y 36.48
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 287168
Mean 1.252
RMS 3.641
6000
5000
4000
3000
2000
1000
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
BeamX
BeamY
beam position
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100


innerGain
innerGainSector
outerGainSector
gain parameters
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100


dcaXy mean value
dcaXy mean value
Entries 0
Mean 0
RMS 0
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100