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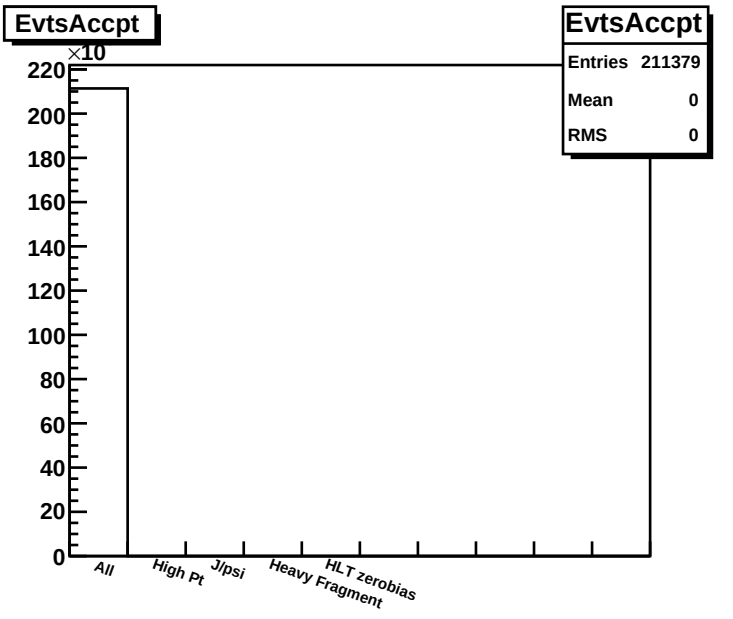
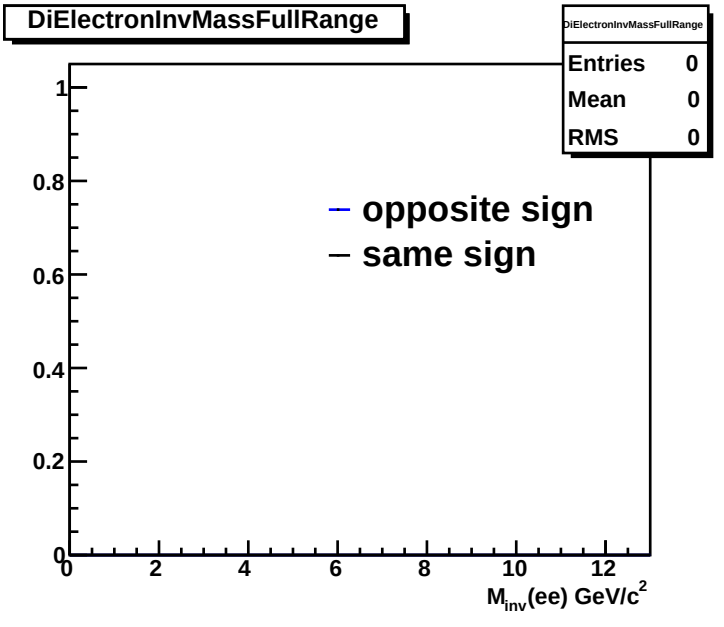
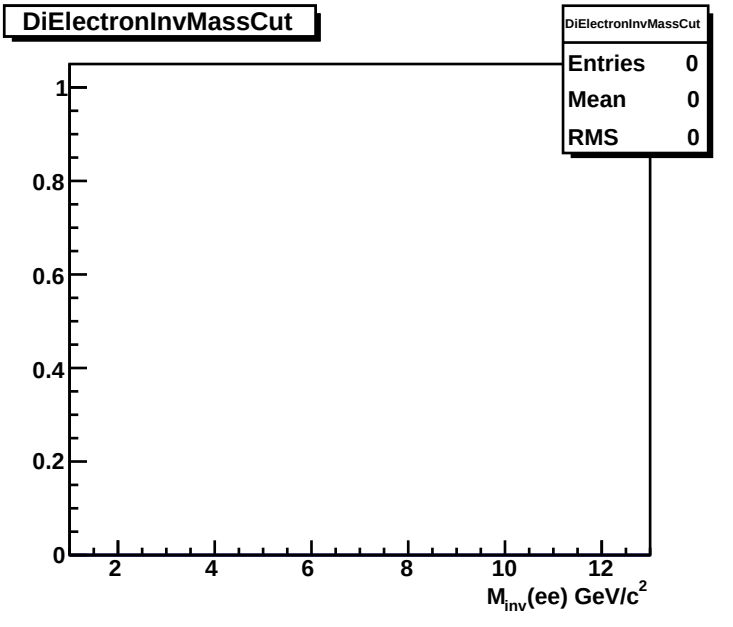
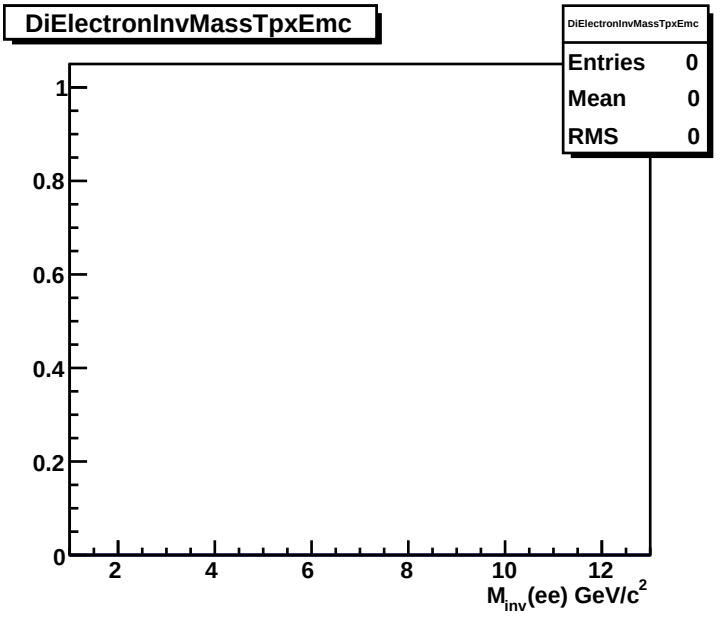
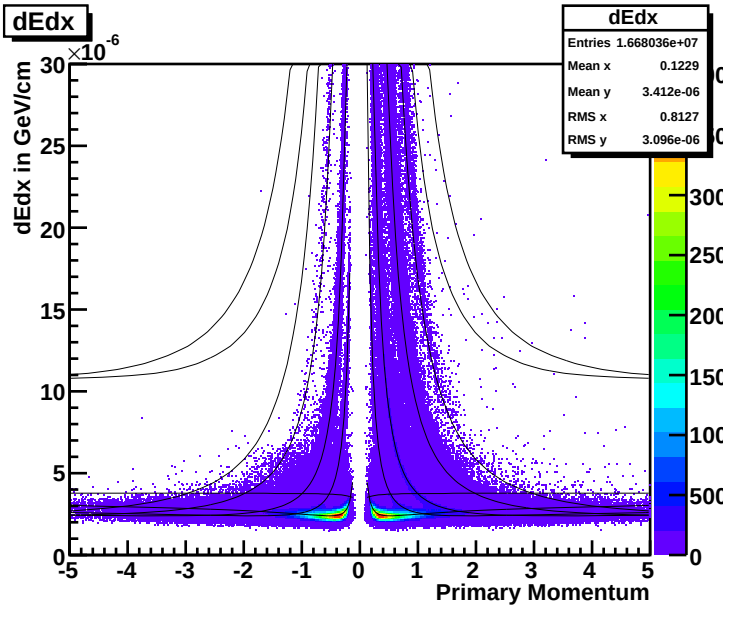
Sat Jun 25 01:00:17 2011

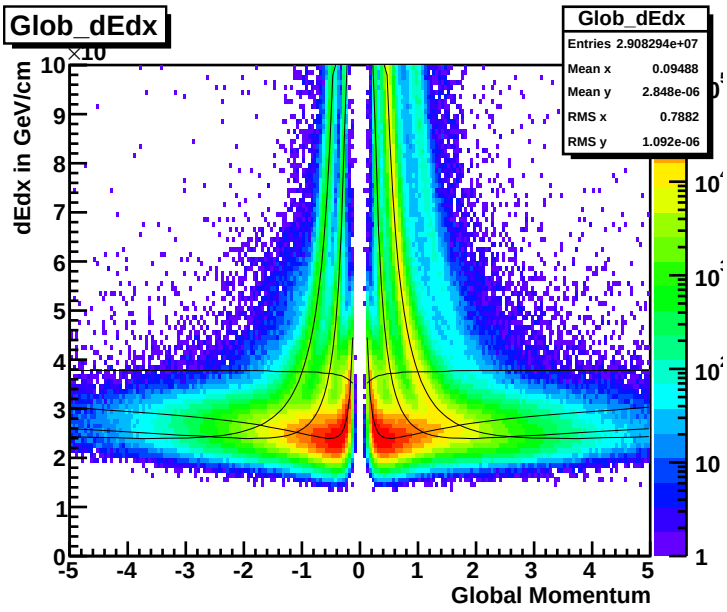


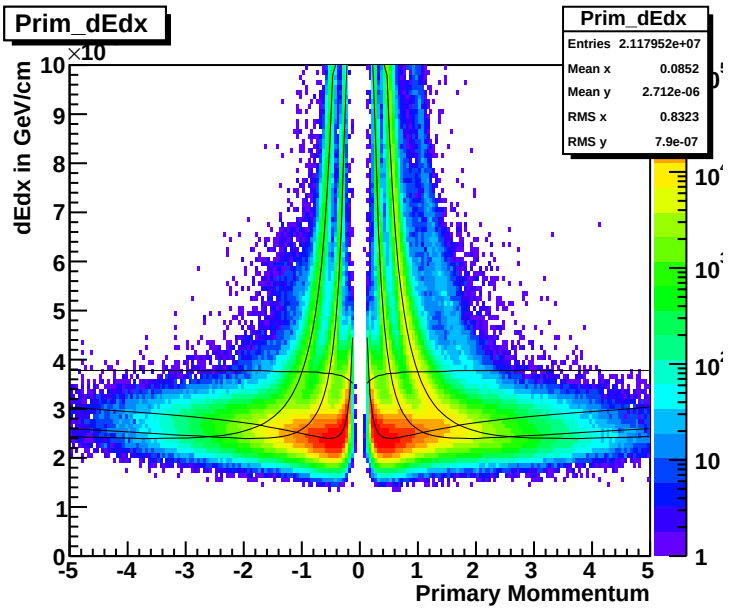


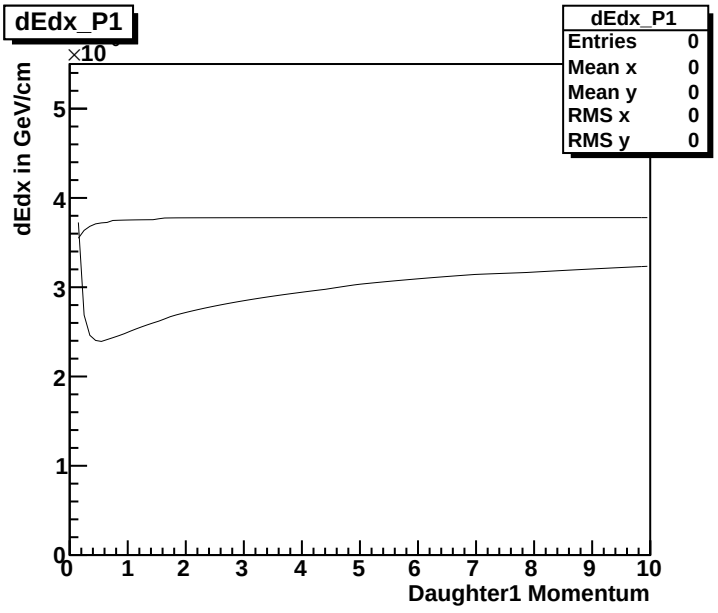


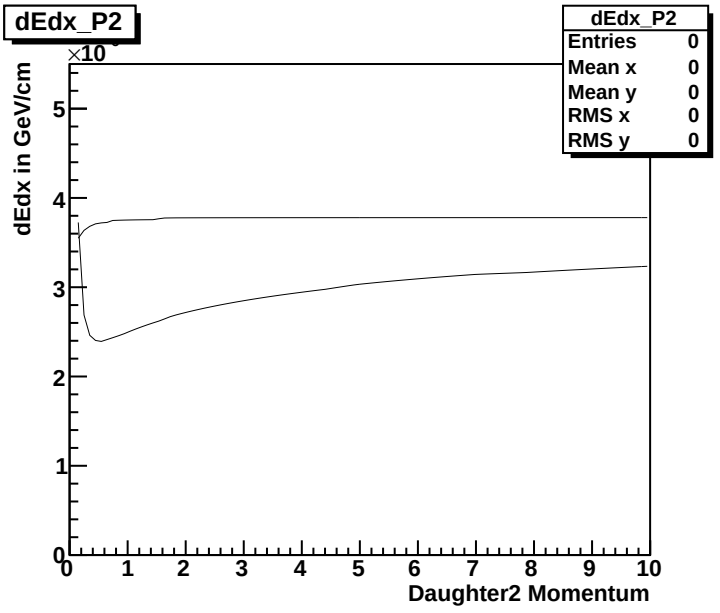


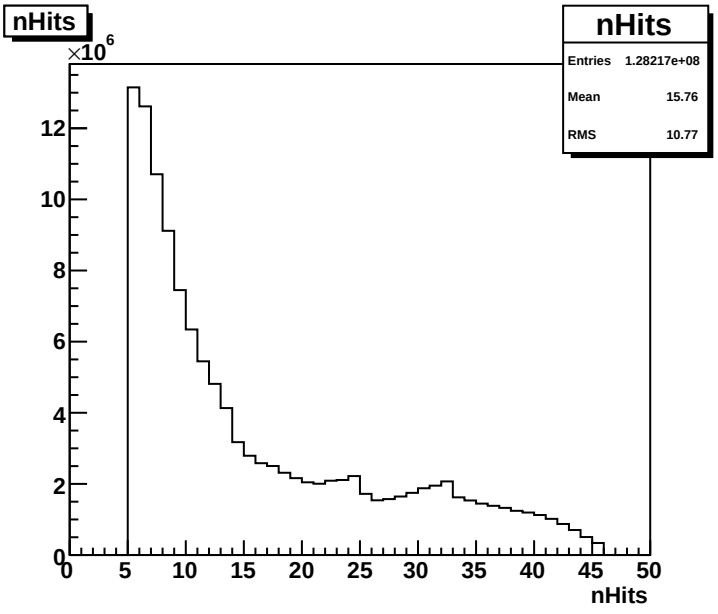


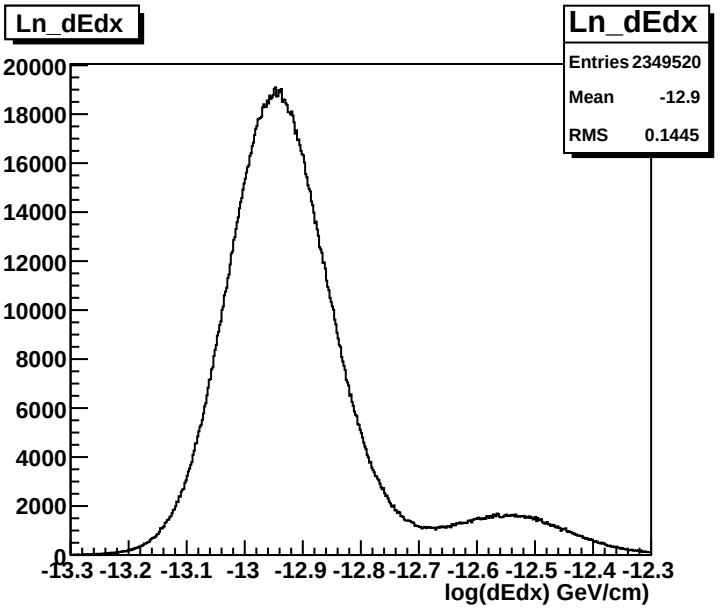

Glob_dEdx
Glob_dEdx
Entries 2.908294e+07
Mean x 0.09488
Mean y 2.848e-06
RMS x 0.7882
RMS y 1.092e-06
dEdx in GeV/cm
Global Momentum

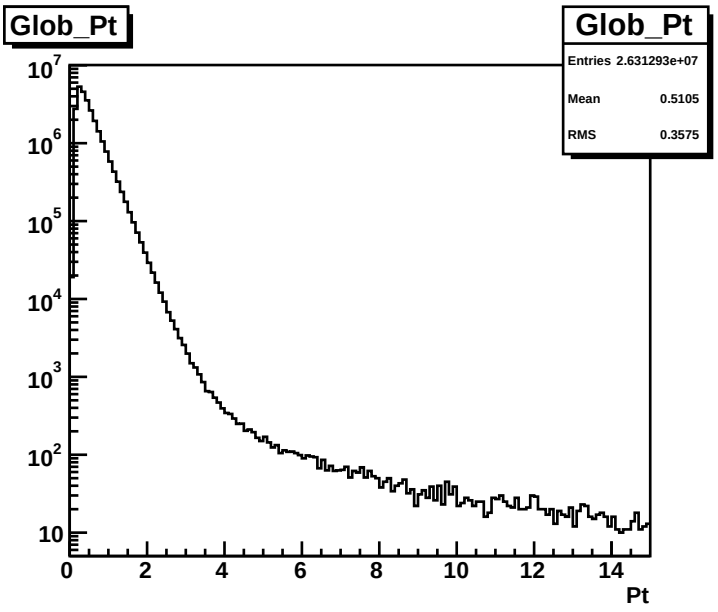

Prim_dEdx
Prim_dEdx
Entries 2.117952e+07
Mean x 0.0852
Mean y 2.712e-06
RMS x 0.8323
RMS y 7.9e-07
dEdx in GeV/cm
Primary Mommentum

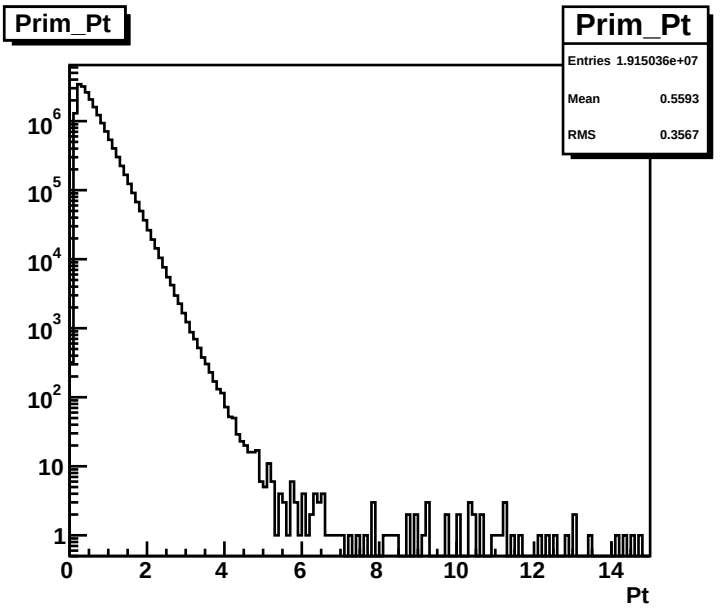

dEdx_P1
dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

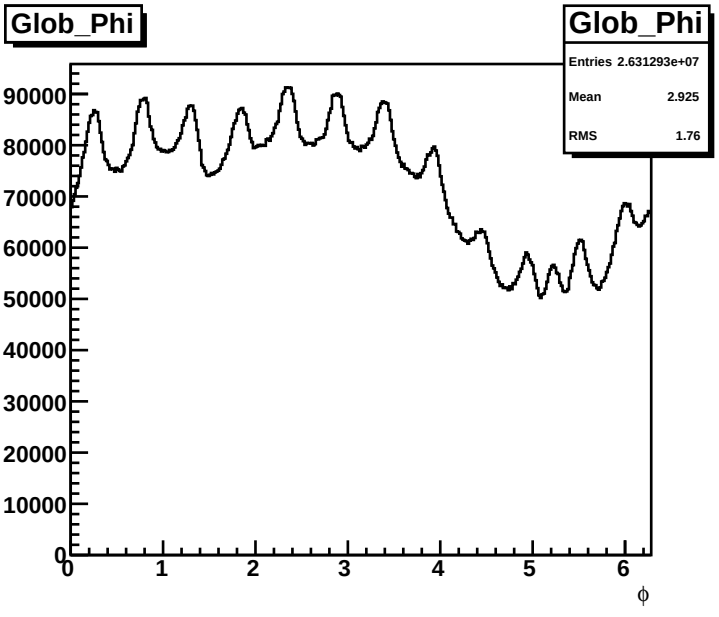

dEdx_P2
dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

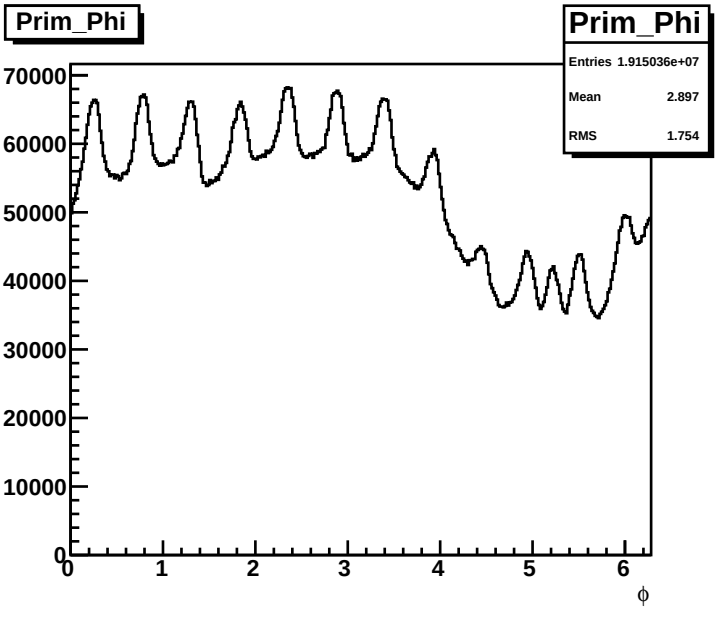

nHits
nHits
Entries 1.28217e+08
Mean 15.76
RMS 10.77
nHits

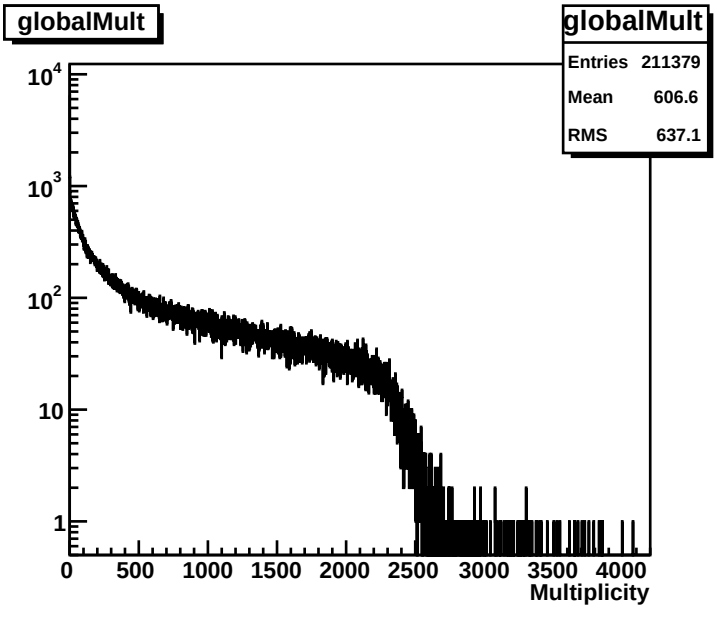

Ln_dEdx
Ln_dEdx
Entries 2349520
Mean -12.9
RMS 0.1445
log(dEdx) GeV/cm)

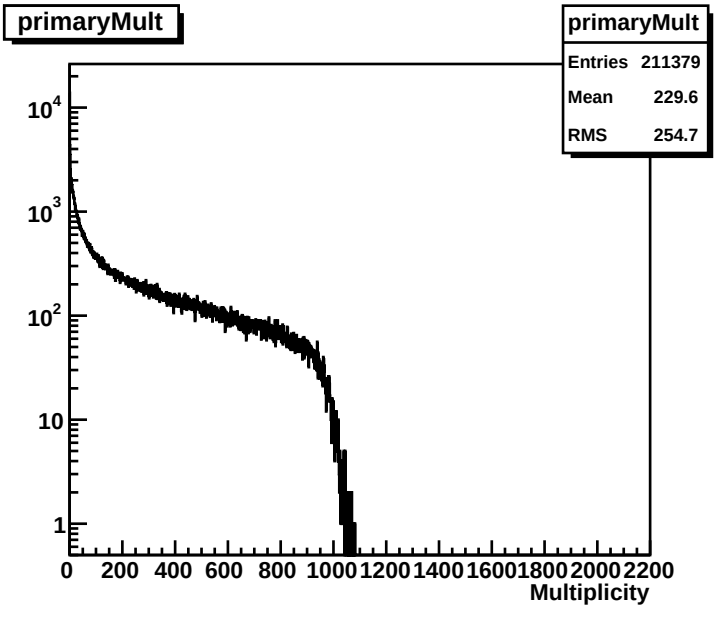

Glob_Pt
Glob_Pt
Entries 2.631293e+07
Mean 0.5105
RMS 0.3575
Pt

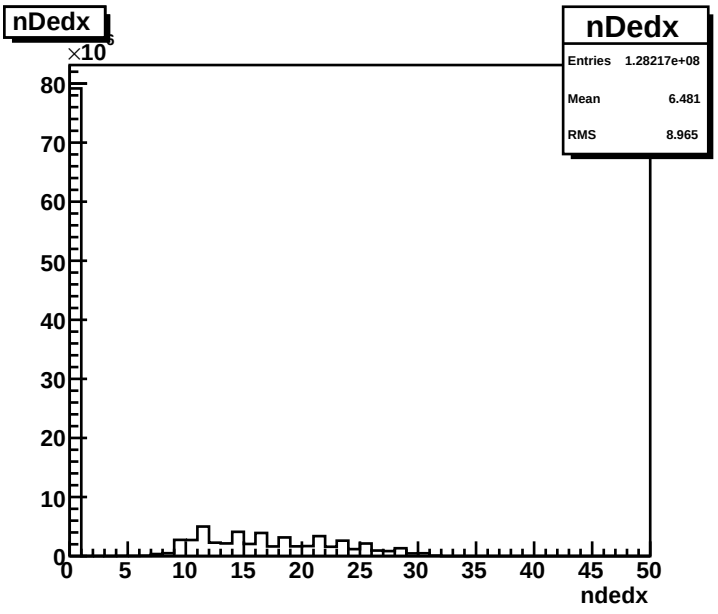

Prim_Pt
Prim_Pt
Entries 1.915036e+07
Mean 0.5593
RMS 0.3567
Pt

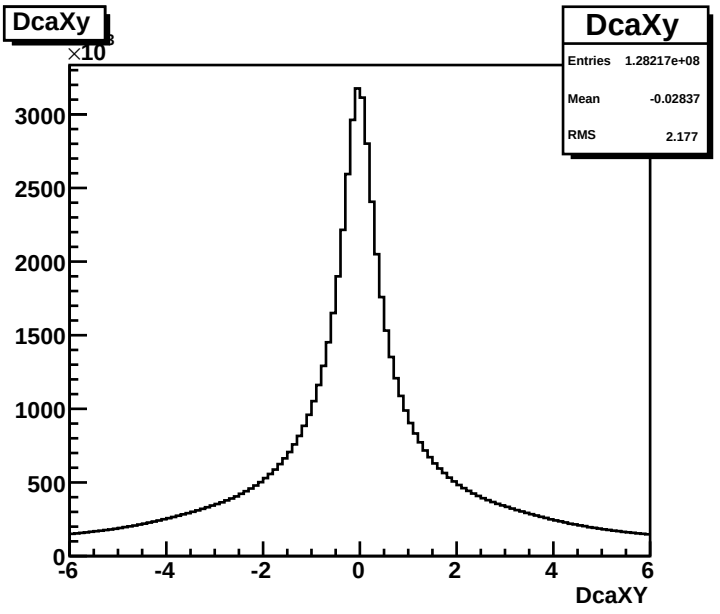

Glob_Phi
Glob_Phi
Entries 2.631293e+07
Mean 2.925
RMS 1.76
ϕ

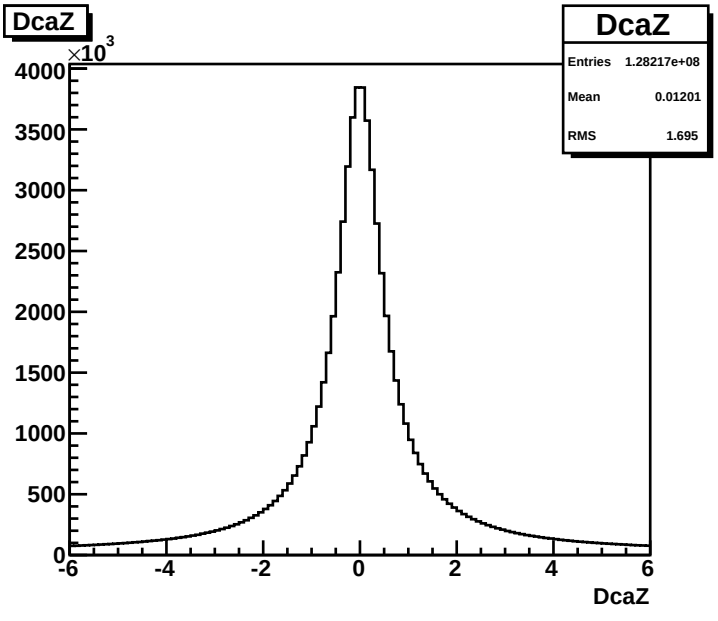

Prim_Phi
Prim_Phi
Entries 1.915036e+07
Mean 2.897
RMS 1.754
ϕ

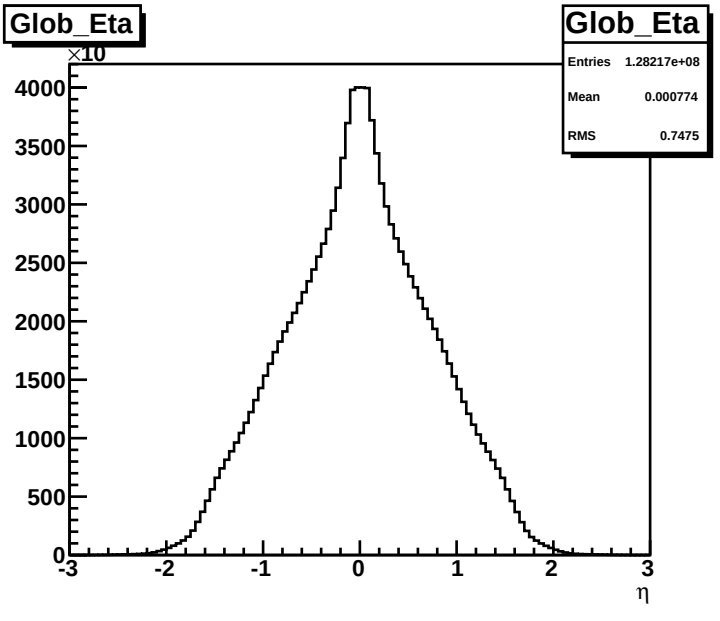

globalMult
globalMult
Entries 211379
Mean 606.6
RMS 637.1
Multiplicity

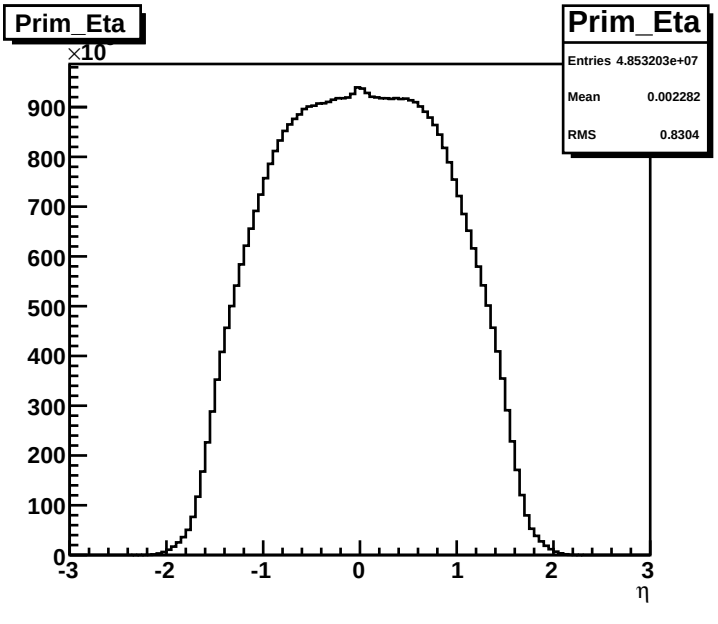

primaryMult
primaryMult
Entries 211379
Mean 229.6
RMS 254.7
Multiplicity

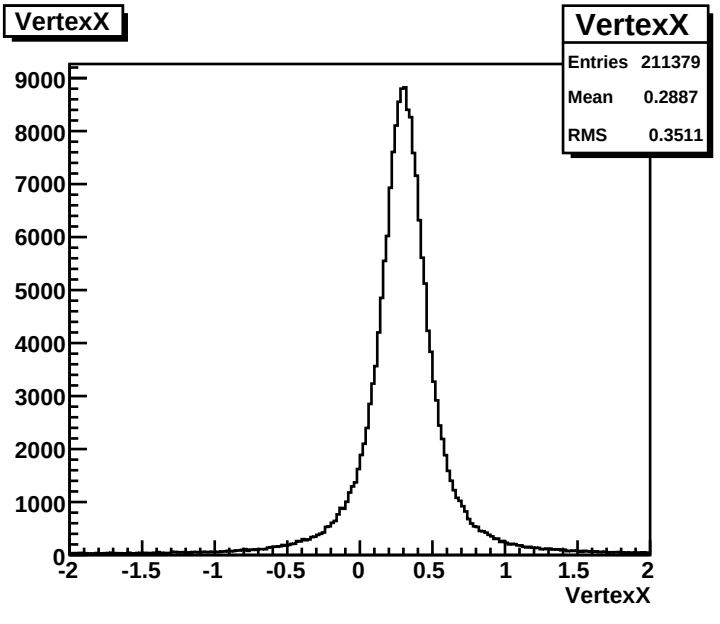

nDedx
nDedx
Entries 1.28217e+08
Mean 6.481
RMS 8.965
ndedx

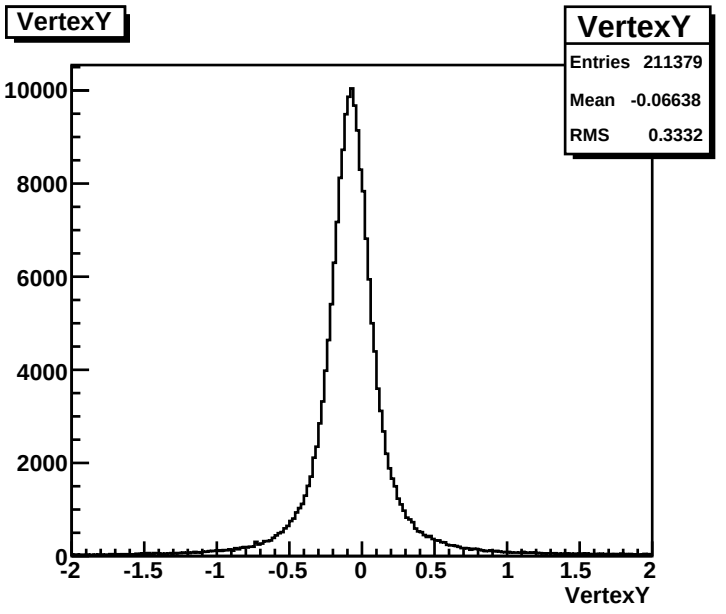

DcaXy
DcaXy
Entries 1.28217e+08
Mean -0.02837
RMS 2.177
DcaXY

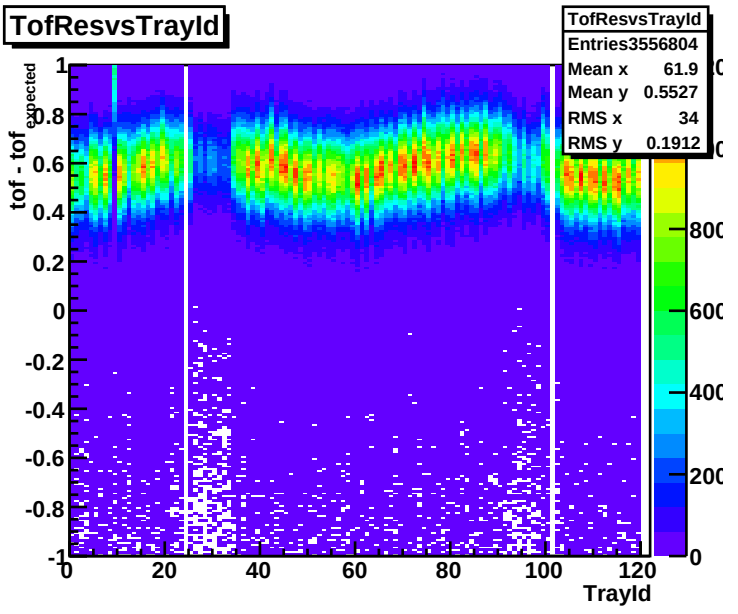

DcaZ
DcaZ
Entries 1.28217e+08
Mean 0.01201
RMS 1.695
DcaZ

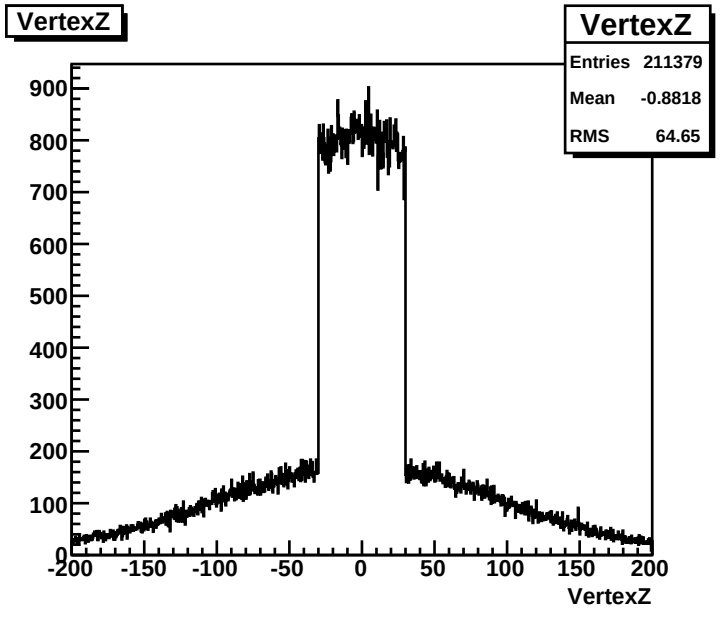

Glob_Eta
Glob_Eta
Entries 1.28217e+08
Mean 0.000774
RMS 0.7475
η

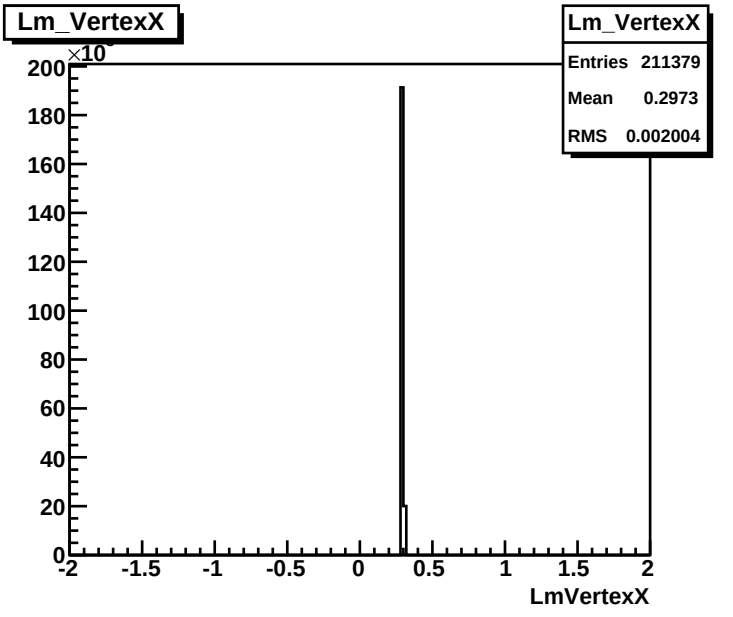

Prim_Eta
Prim_Eta
Entries 4.853203e+07
Mean 0.002282
RMS 0.8304
η

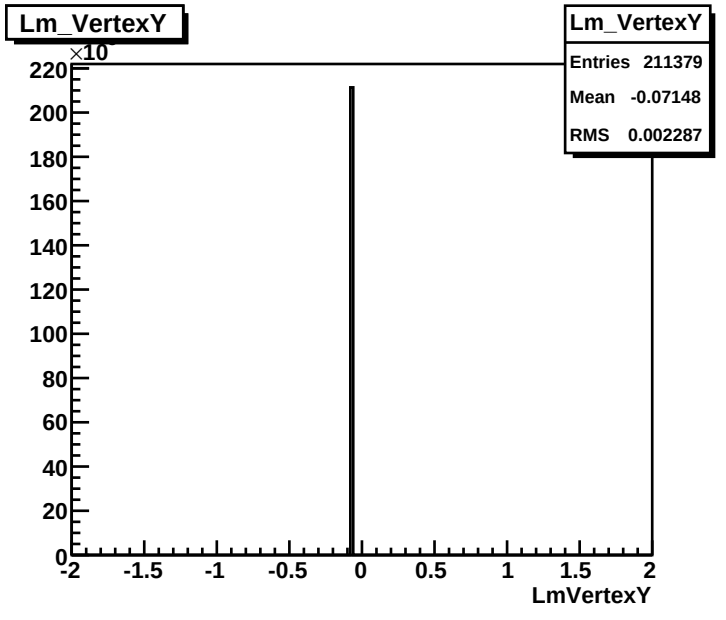

VertexX
VertexX
Entries 211379
Mean 0.2887
RMS 0.3511
VertexX

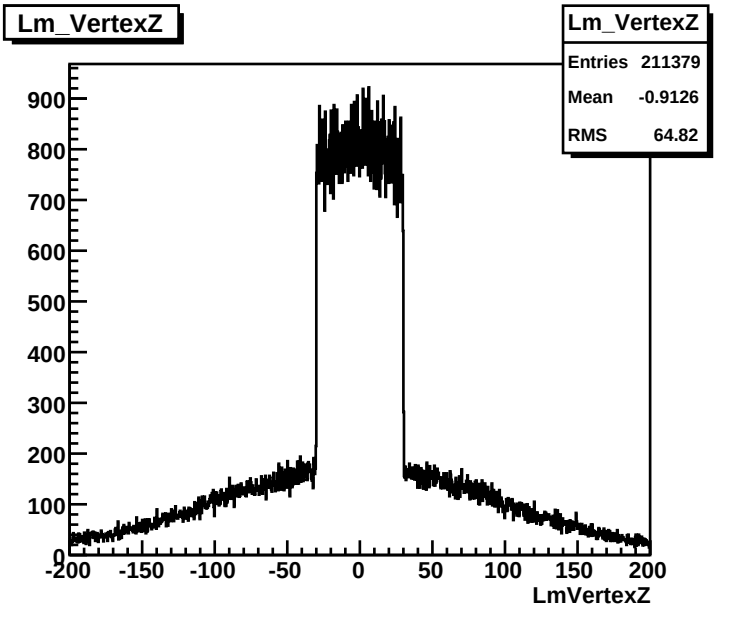

VertexY
VertexY
Entries 211379
Mean -0.06638
RMS 0.3332
VertexY

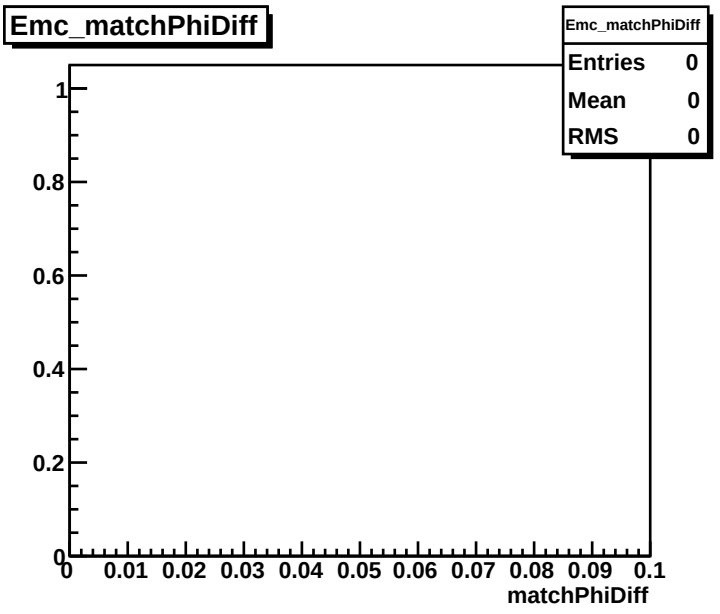

TofResvsTrayId
TofResvsTrayId
Entries3556804
Mean x 61.9
Mean y 0.5527
RMS x 34
RMS y 0.1912
tof - tof expected
TrayId

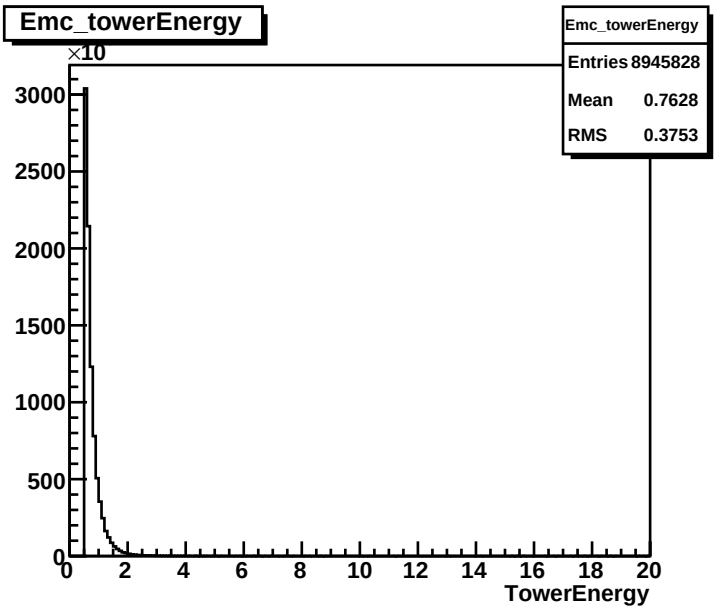

VertexZ
VertexZ
Entries 211379
Mean -0.8818
RMS 64.65
VertexZ

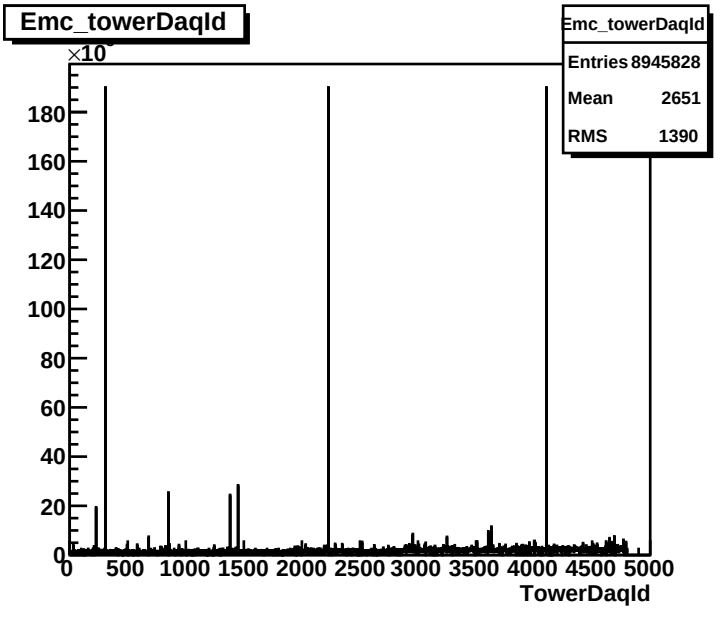

Lm_VertexX
Lm_VertexX
Entries 211379
Mean 0.2973
RMS 0.002004
LmVertexX

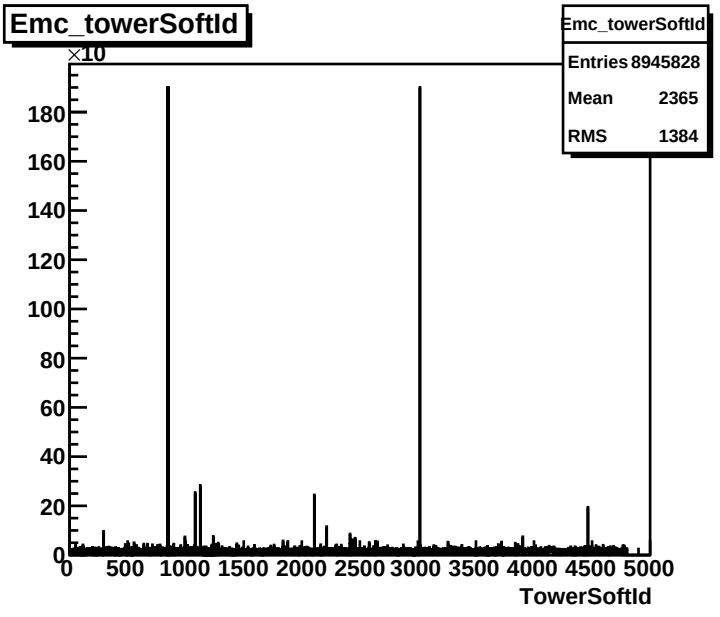

Lm_VertexY
Lm_VertexY
Entries 211379
Mean -0.07148
RMS 0.002287
LmVertexY

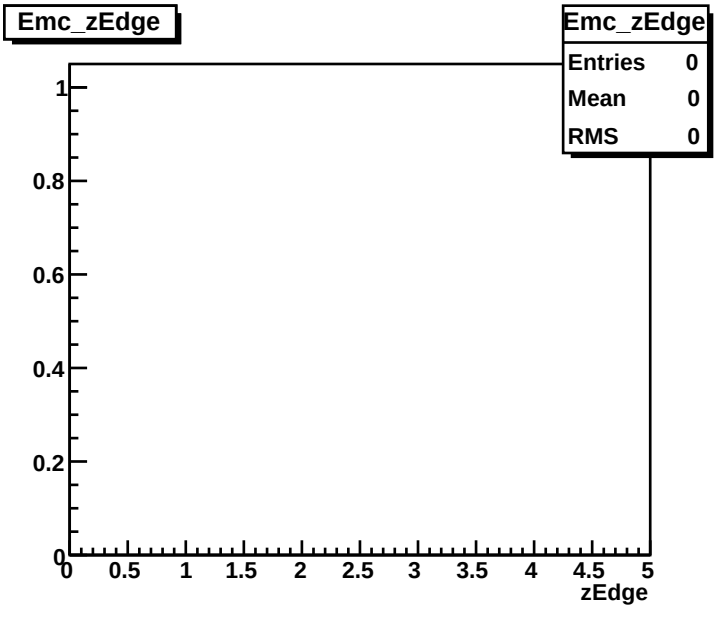

Lm_VertexZ
Lm_VertexZ
Entries 211379
Mean -0.9126
RMS 64.82
LmVertexZ

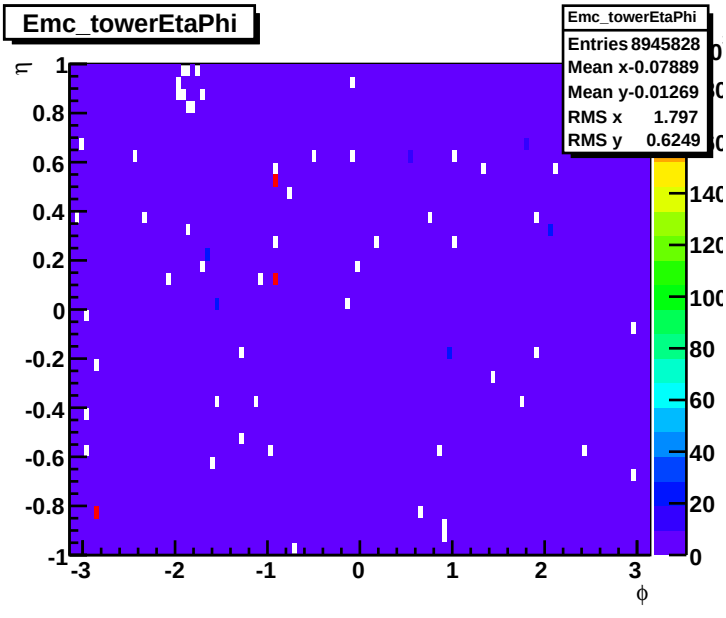

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

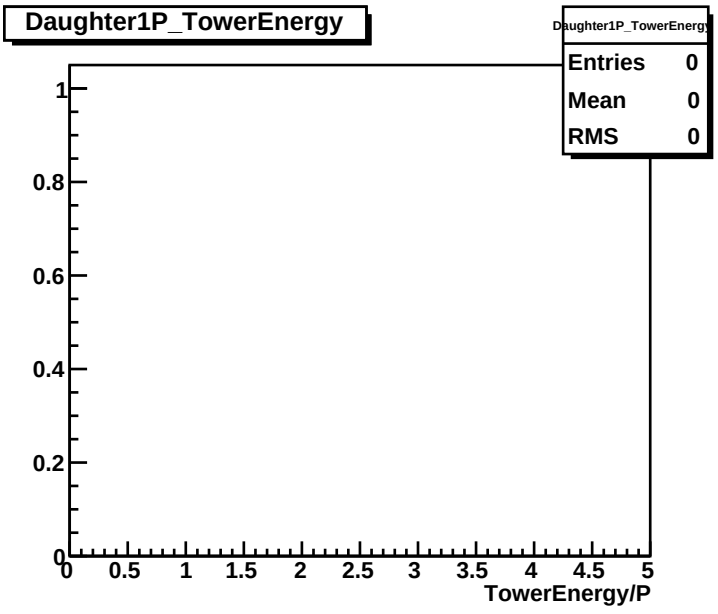

Emc_towerEnergy
Emc_towerEnergy
Entries 8945828
Mean 0.7628
RMS 0.3753
×10
TowerEnergy

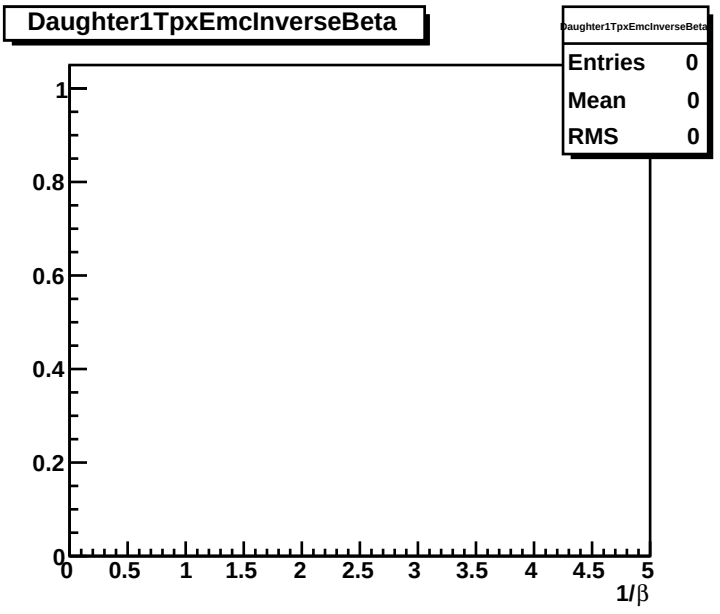

Emc_towerDaqId
Emc_towerDaqId
Entries 8945828
Mean 2651
RMS 1390
×10
TowerDaqId

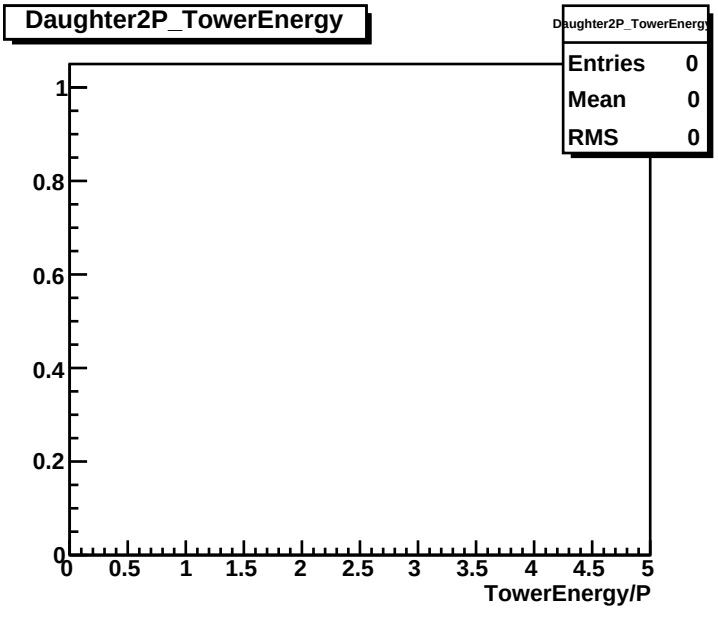

Emc_towerSoftId
Emc_towerSoftId
Entries 8945828
Mean 2365
RMS 1384
×10
TowerSoftId

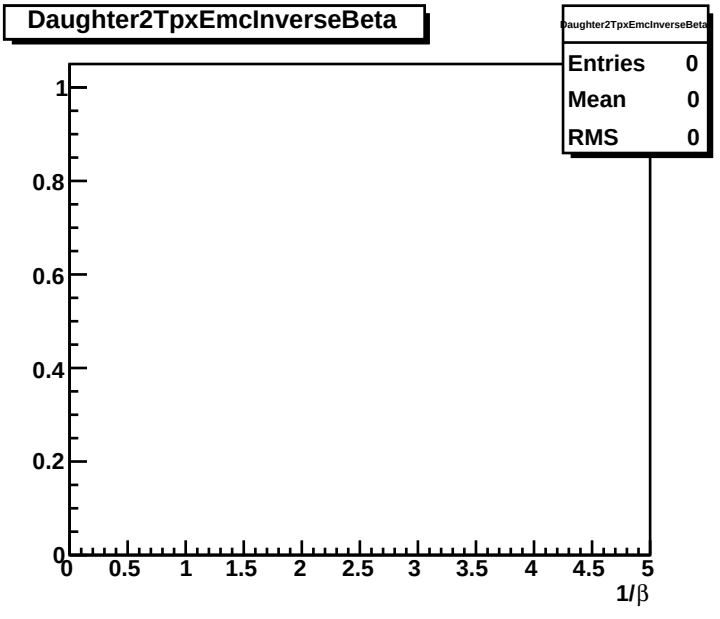

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

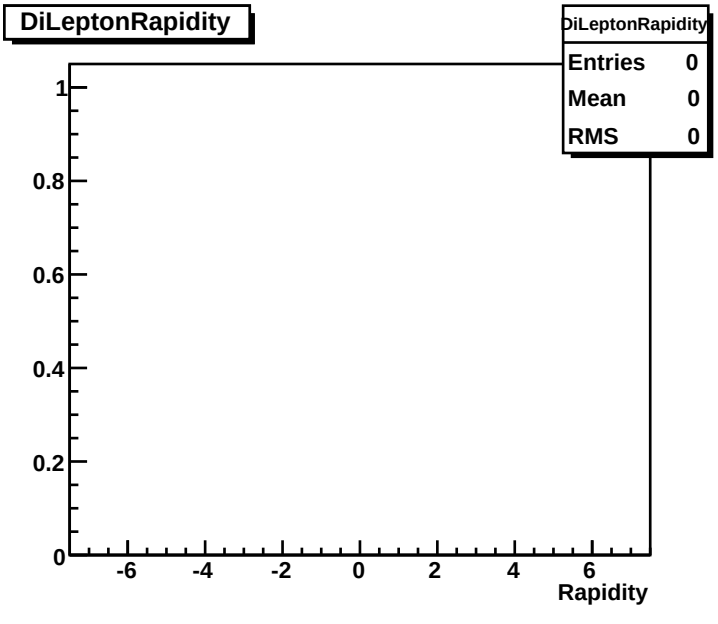

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 8945828
Mean x-0.07889
Mean y-0.01269
RMS x 1.797
RMS y 0.6249
η
ϕ

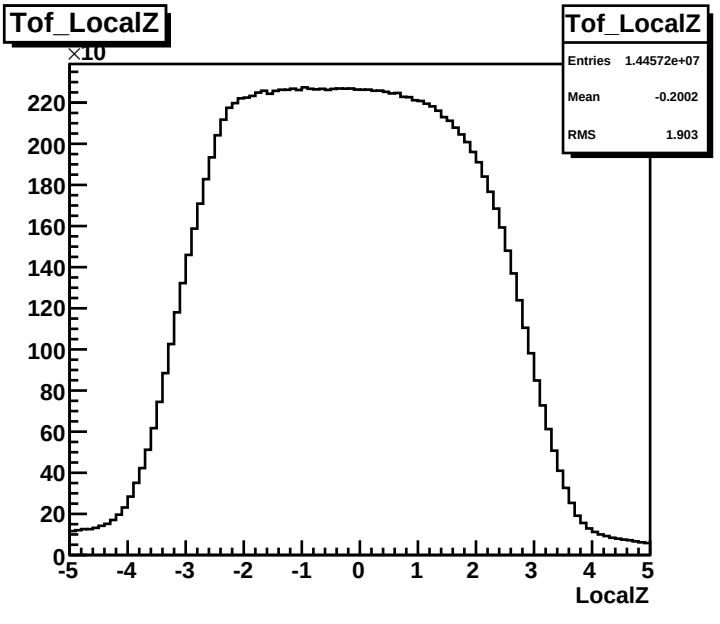

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

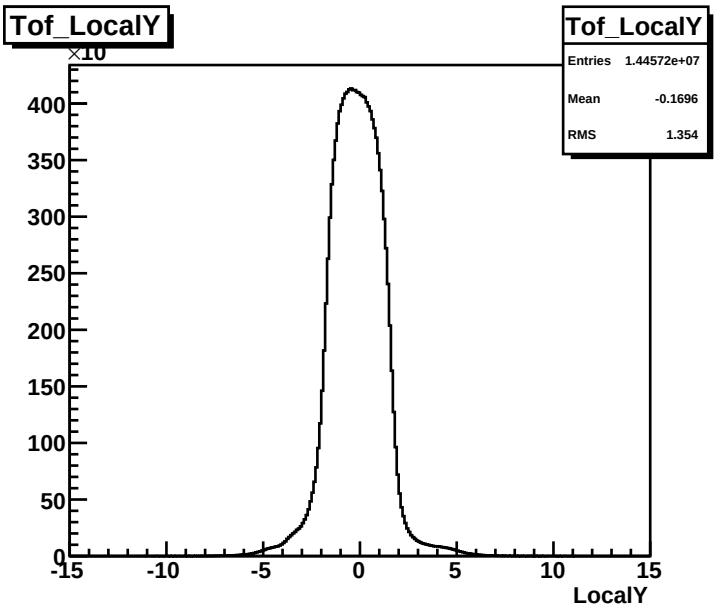

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

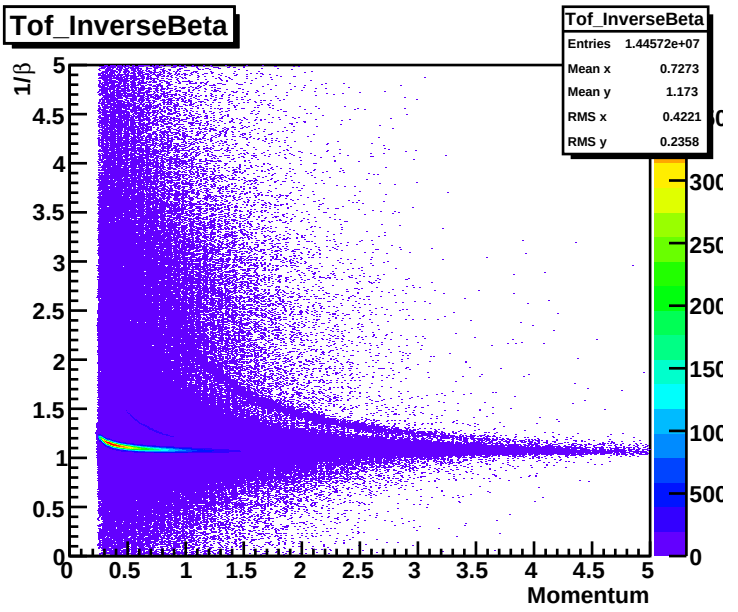

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

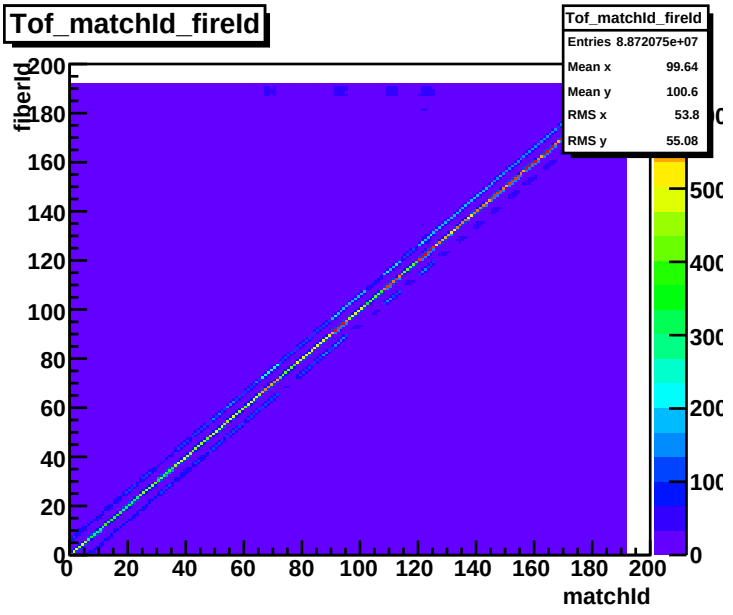

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

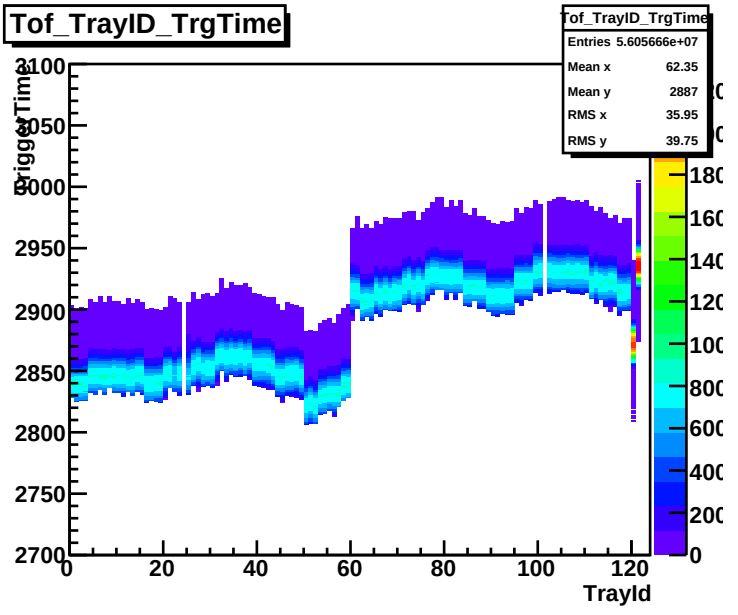

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

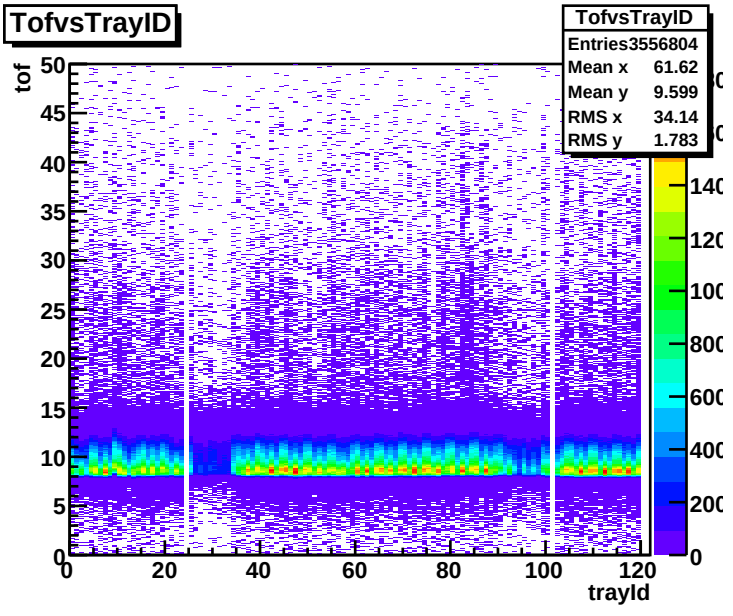

Tof_LocalZ
Tof_LocalZ
Entries 1.44572e+07
Mean -0.2002
RMS 1.903
×10
LocalZ

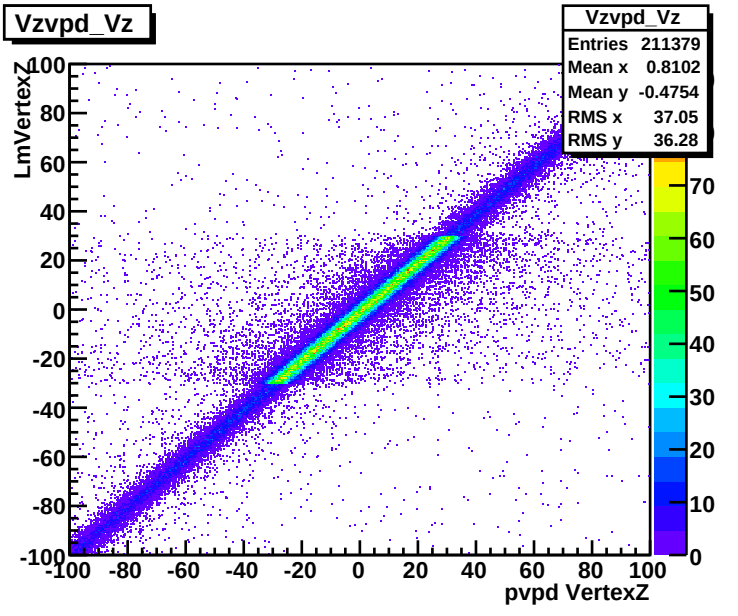

Tof_LocalY
Tof_LocalY
Entries 1.44572e+07
Mean -0.1696
RMS 1.354
×10
LocalY

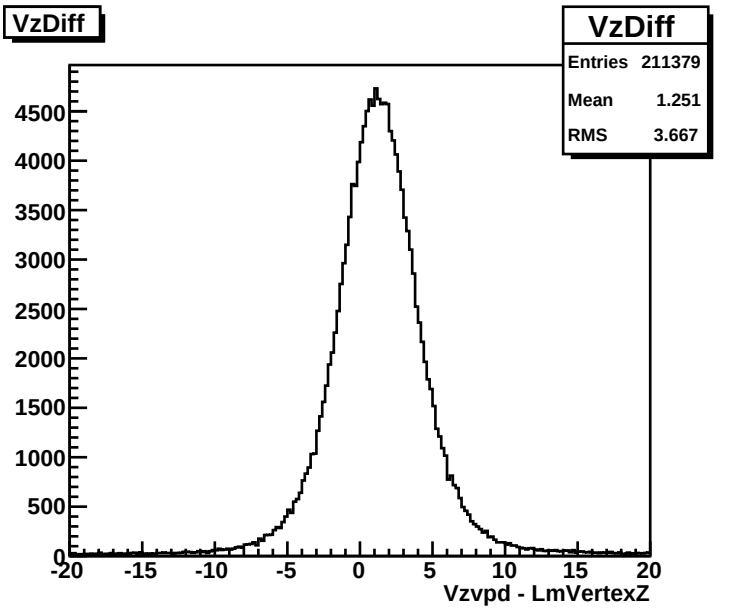

Tof_InverseBeta
Tof_InverseBeta
Entries 1.44572e+07
Mean x 0.7273
Mean y 1.173
RMS x 0.4221
RMS y 0.2358
1/β
Momentum

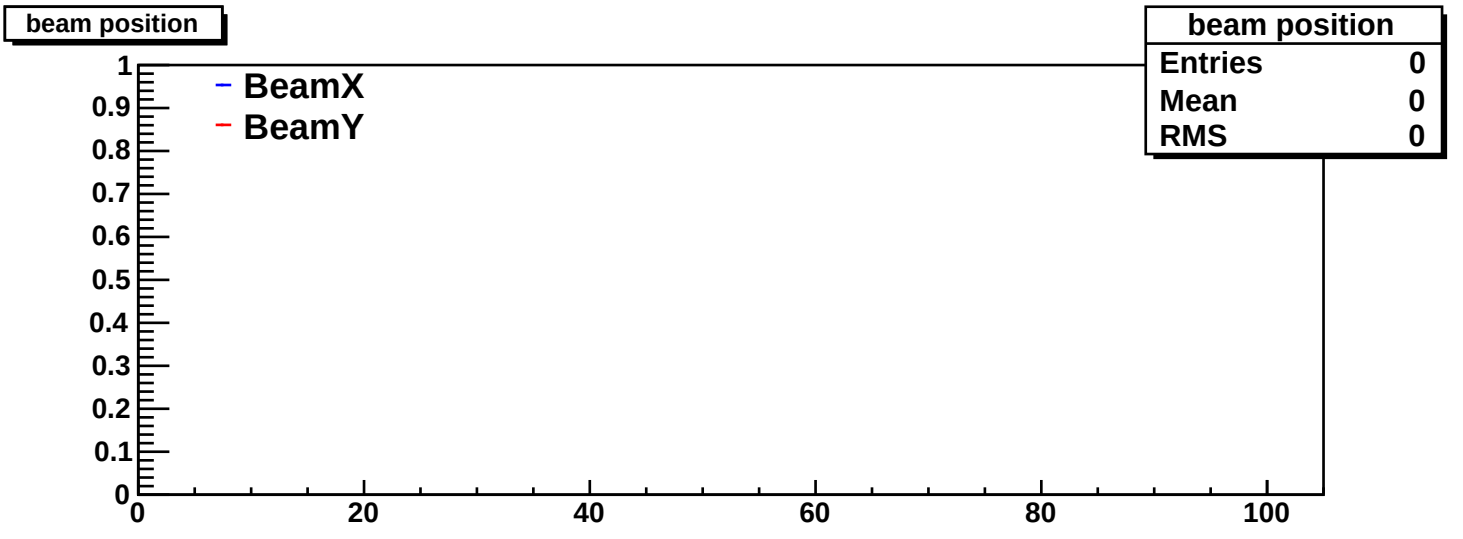

Tof_matchId_fireId
Tof_matchId_fireId
Entries 8.872075e+07
Mean x 99.64
Mean y 100.6
RMS x 53.8
RMS y 55.08
fiberId
matchId

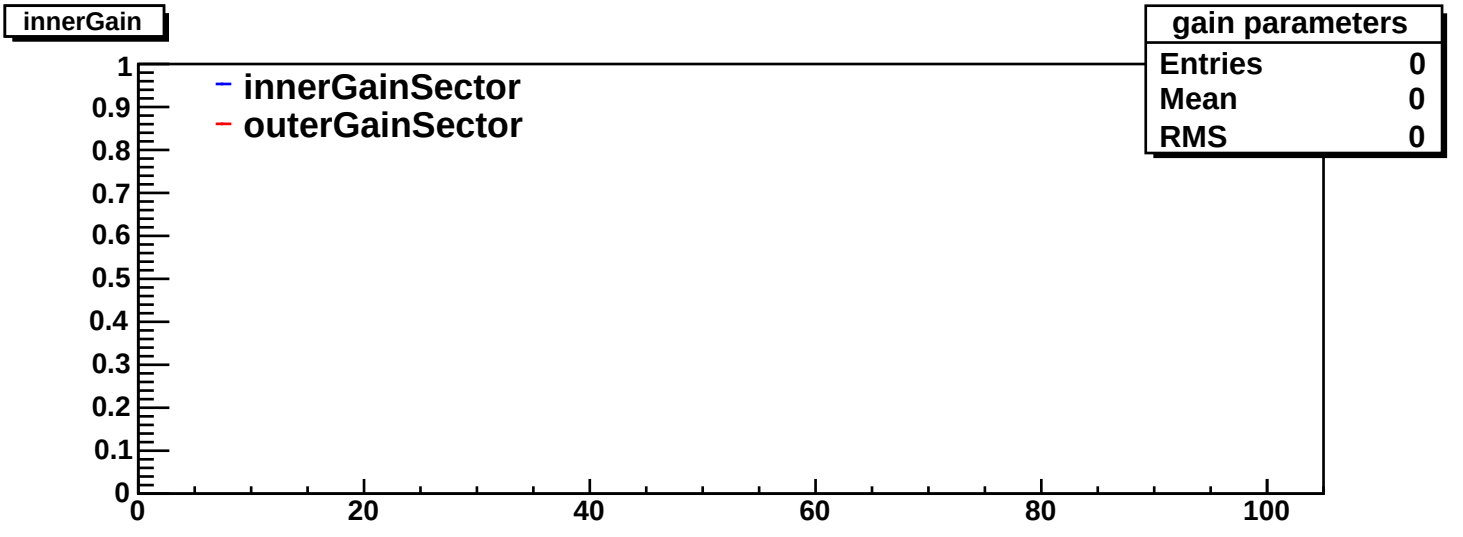

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 5.605666e+07
Mean x 62.35
Mean y 2887
RMS x 35.95
RMS y 39.75
TriggerTime
TrayId

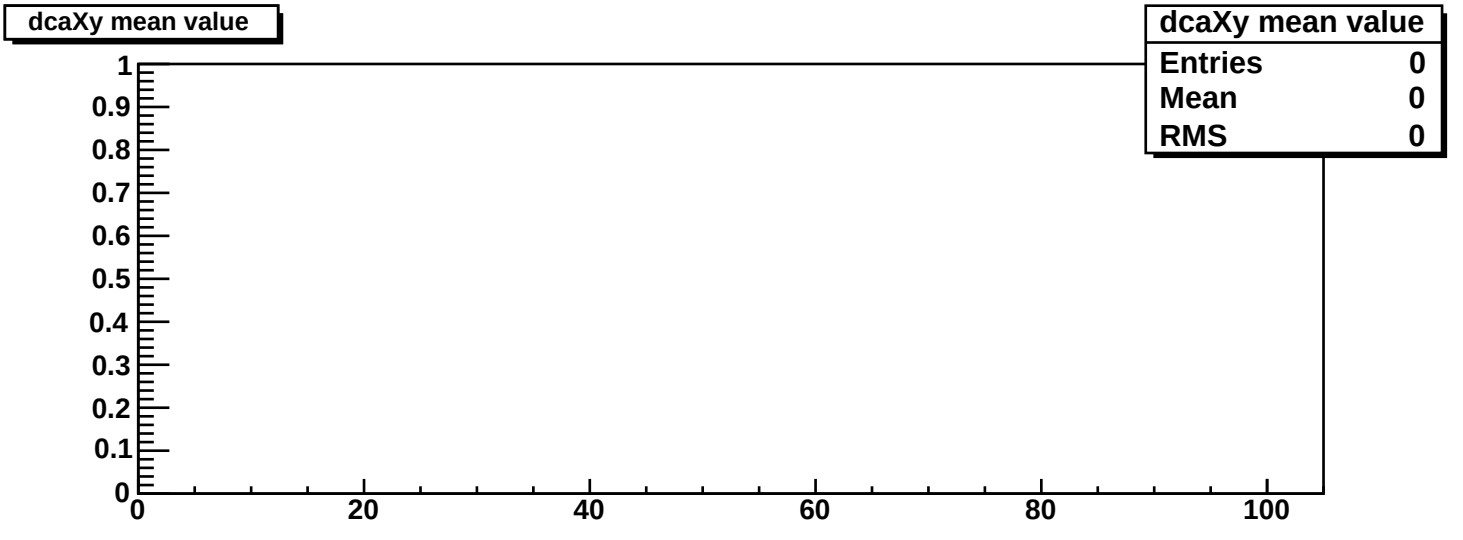

TofvsTrayID
TofvsTrayID
Entries3556804
Mean x 61.62
Mean y 9.599
RMS x 34.14
RMS y 1.783
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 211379
Mean x 0.8102
Mean y -0.4754
RMS x 37.05
RMS y 36.28
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 211379
Mean 1.251
RMS 3.667
4500
4000
3500
3000
2500
2000
1500
1000
500
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