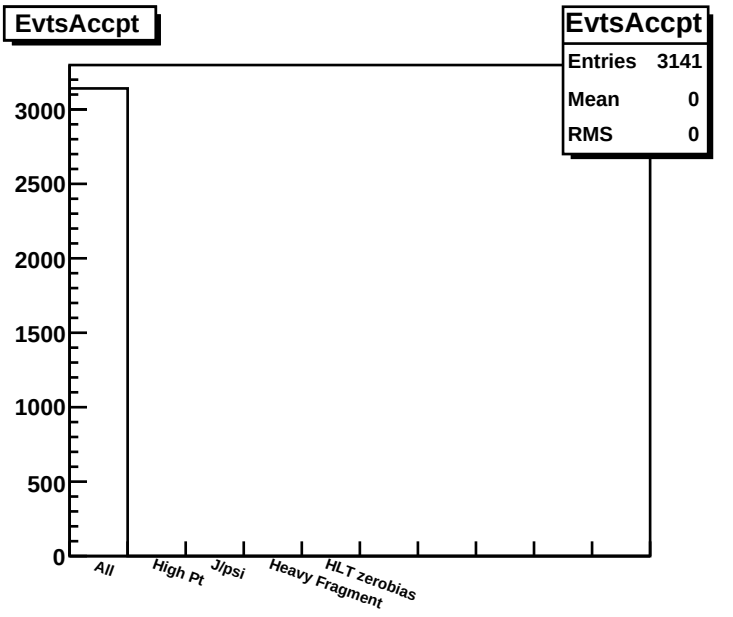
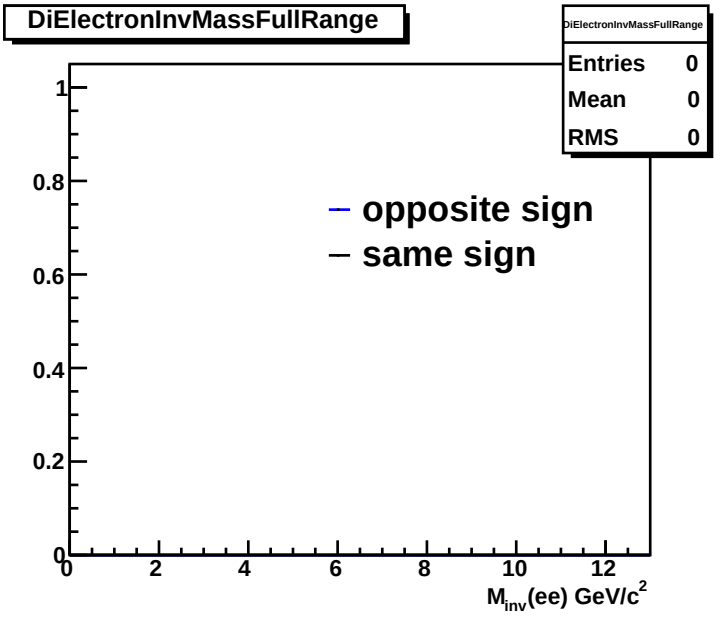
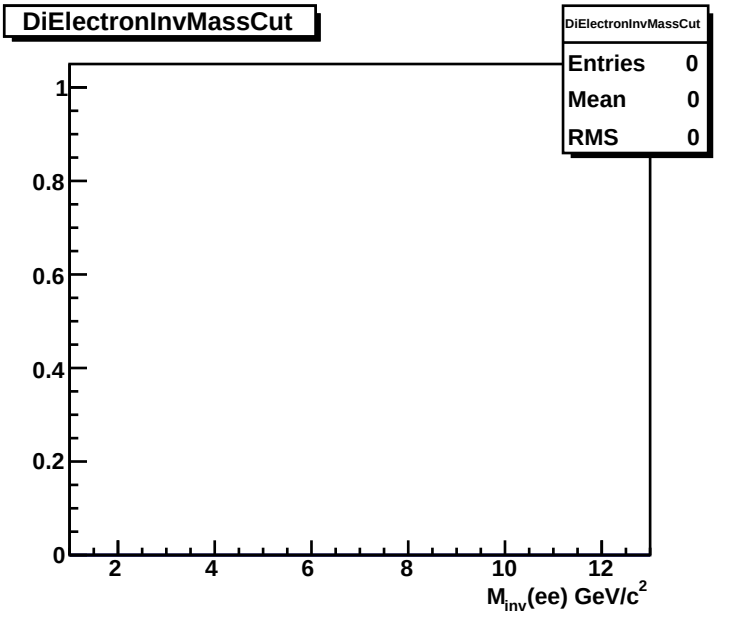
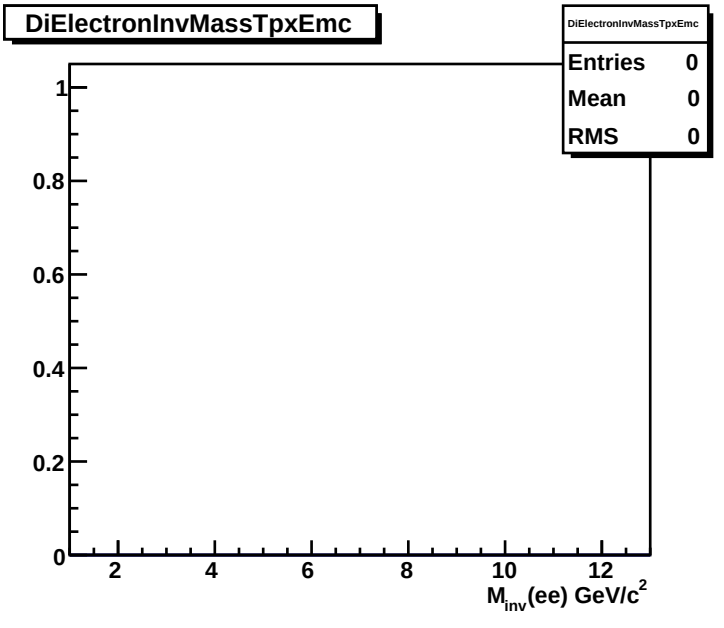
This file is produced on

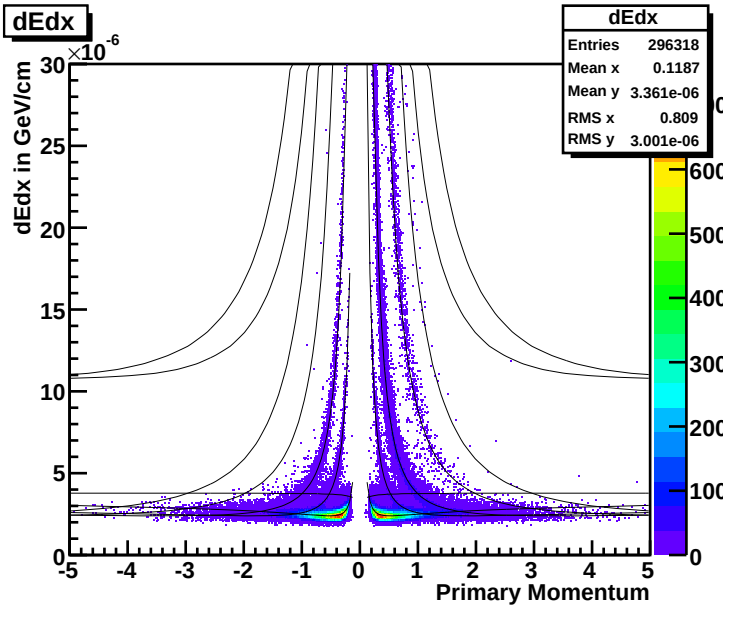
Tue Jun 28 22:15:34 2011

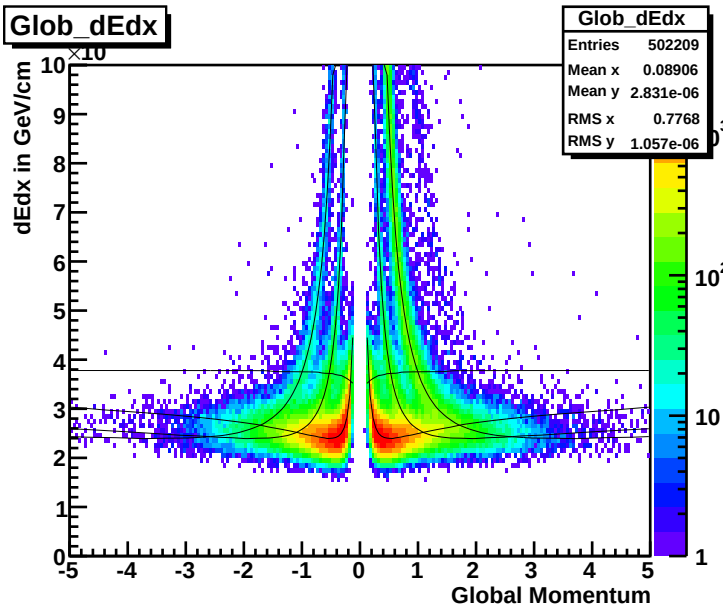


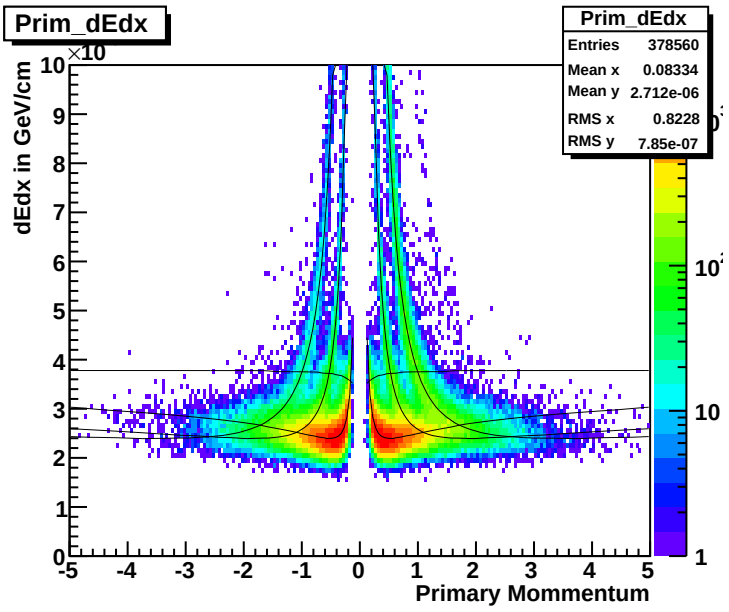


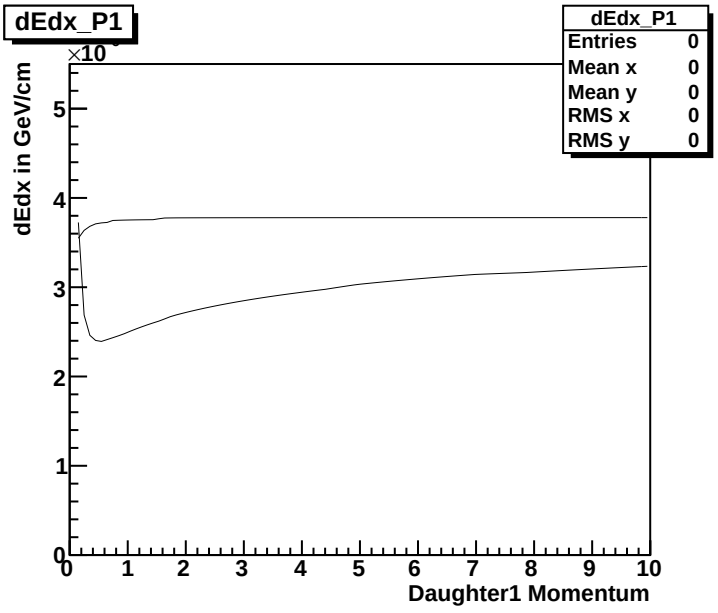


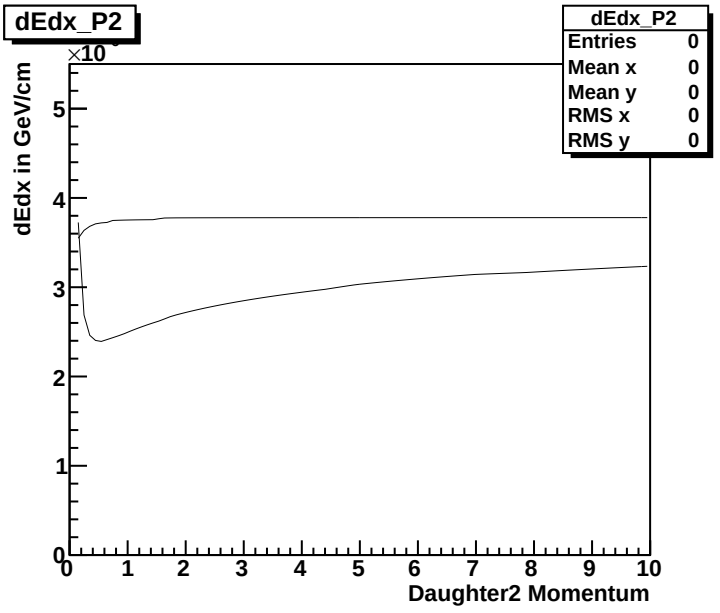


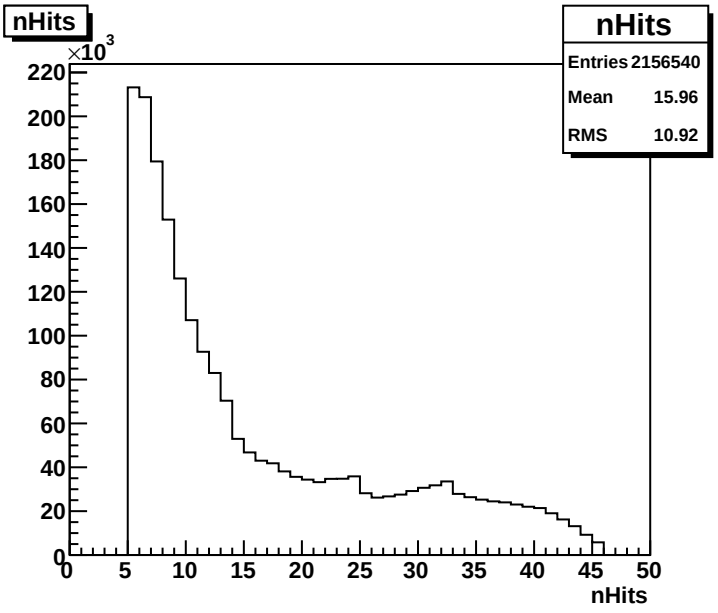


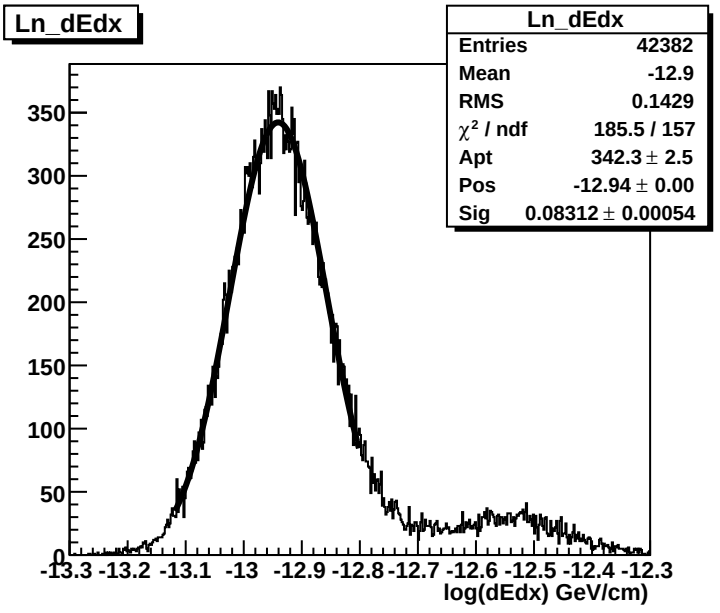

Glob_dEdx
Entries 502209
Mean x 0.08906
Mean y 2.831e-06
RMS x 0.7768
RMS y 1.057e-06
dEdx in GeV/cm
Global Momentum

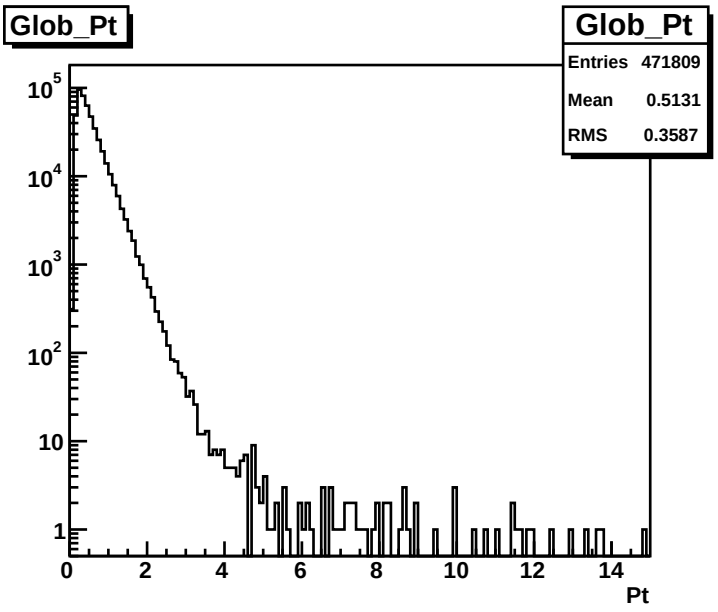

Prim_dEdx
Entries 378560
Mean x 0.08334
Mean y 2.712e-06
RMS x 0.8228
RMS y 7.85e-07
dEdx in GeV/cm
Primary Mommentum

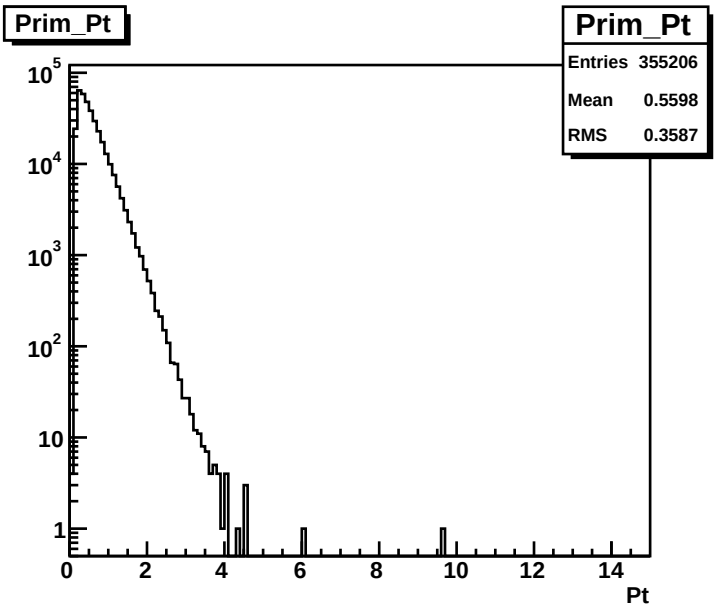

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

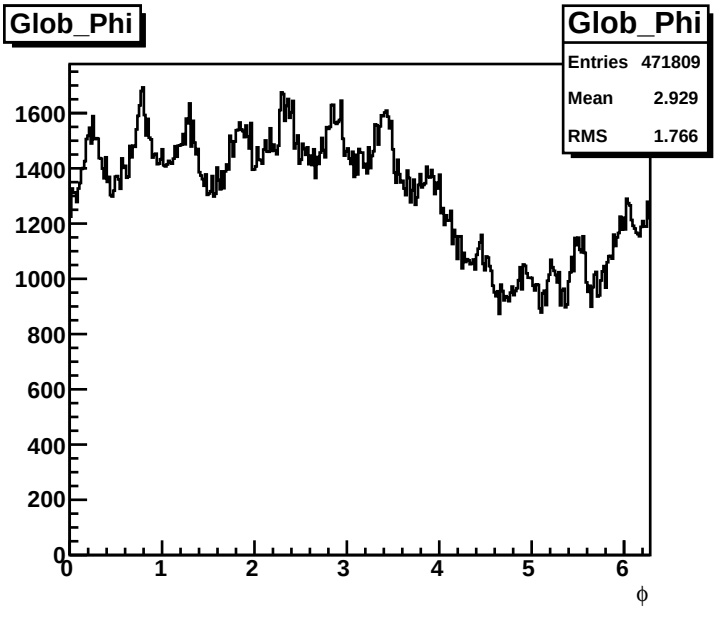

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

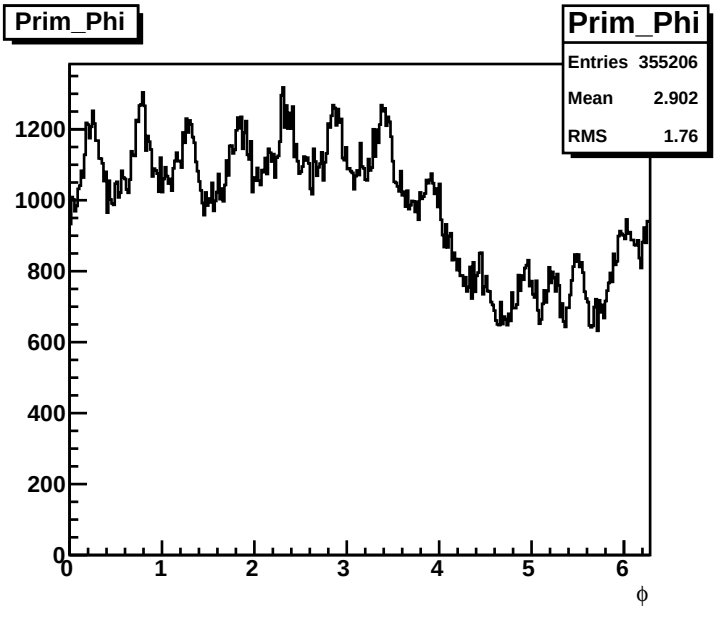

nHits
Entries 2156540
Mean 15.96
RMS 10.92
nHits

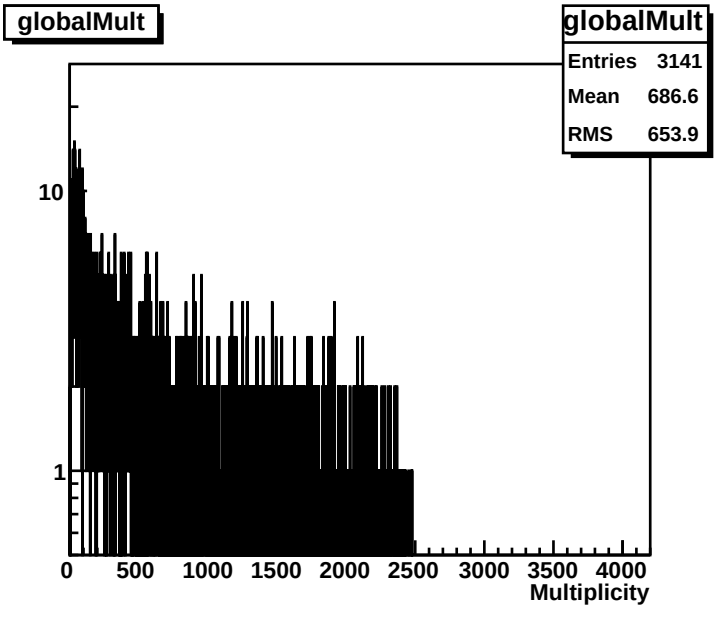

Ln_dEdx
Entries 42382
Mean -12.9
RMS 0.1429
χ² / ndf 185.5 / 157
Apt 342.3 ± 2.5
Pos -12.94 ± 0.00
Sig 0.08312 ± 0.00054
log(dEdx) GeV/cm)

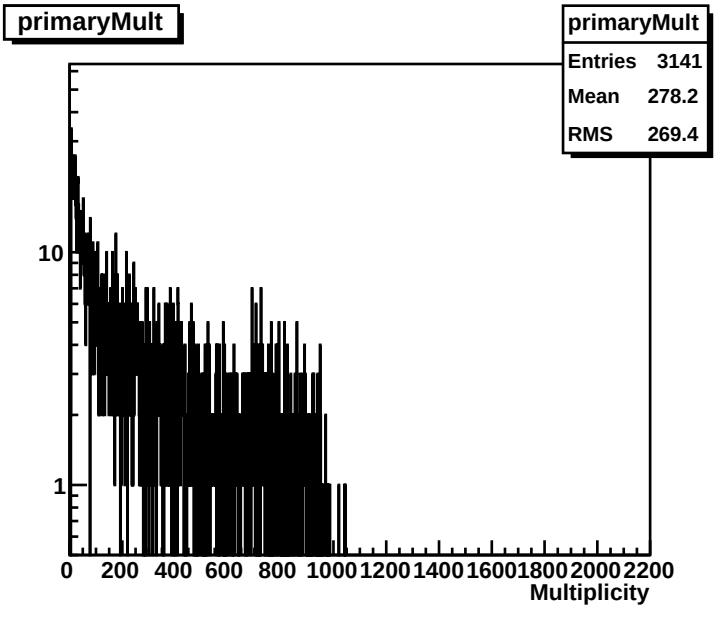

Glob_Pt
Glob_Pt
Entries 471809
Mean 0.5131
RMS 0.3587
Pt

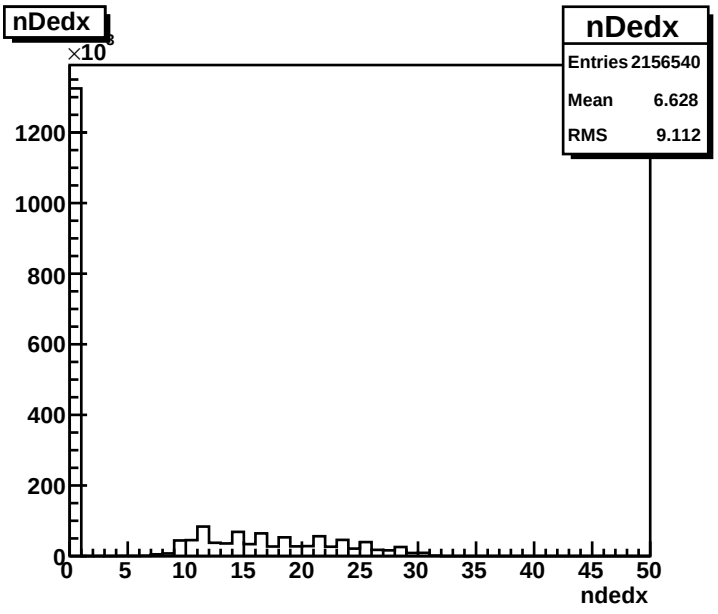

Prim_Pt
Prim_Pt
Entries 355206
Mean 0.5598
RMS 0.3587
Pt

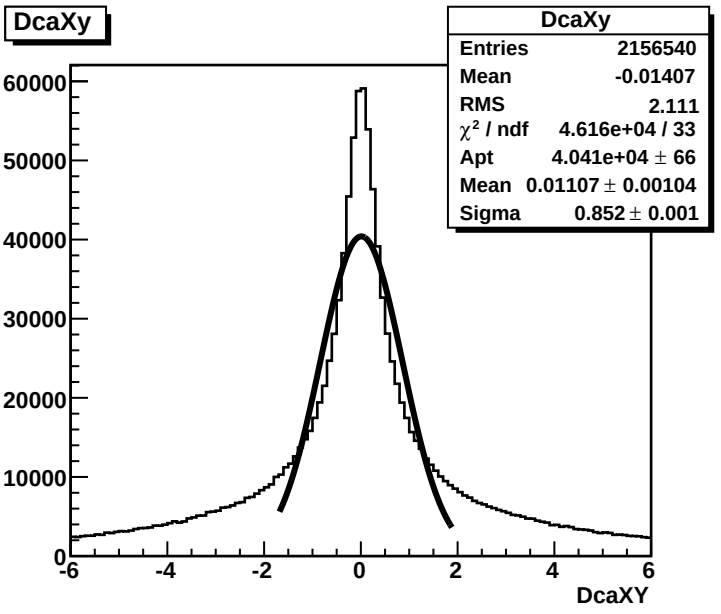

Glob_Phi
Glob_Phi
Entries 471809
Mean 2.929
RMS 1.766
ϕ

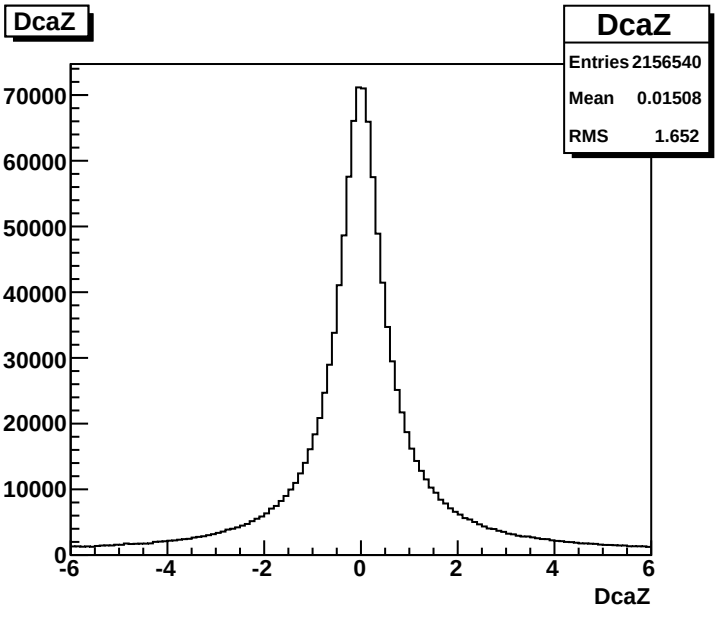

Prim_Phi
Prim_Phi
Entries 355206
Mean 2.902
RMS 1.76
ϕ

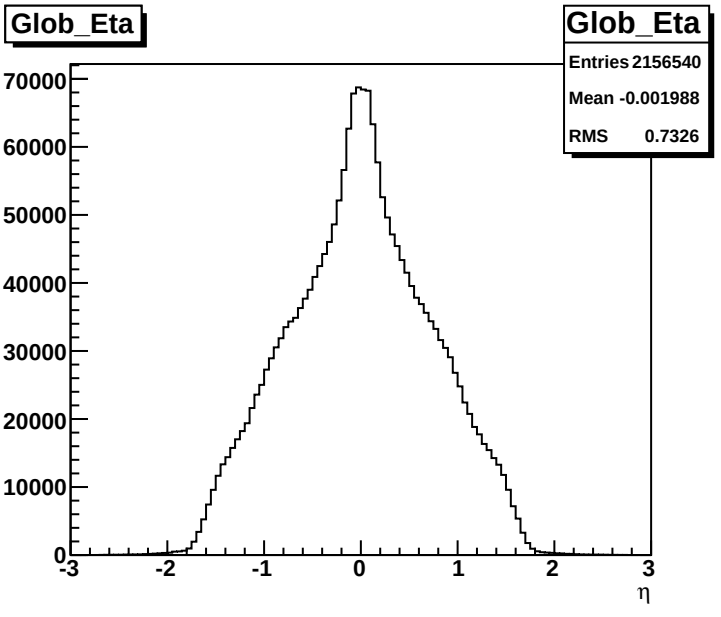

globalMult
globalMult
Entries 3141
Mean 686.6
RMS 653.9
Multiplicity

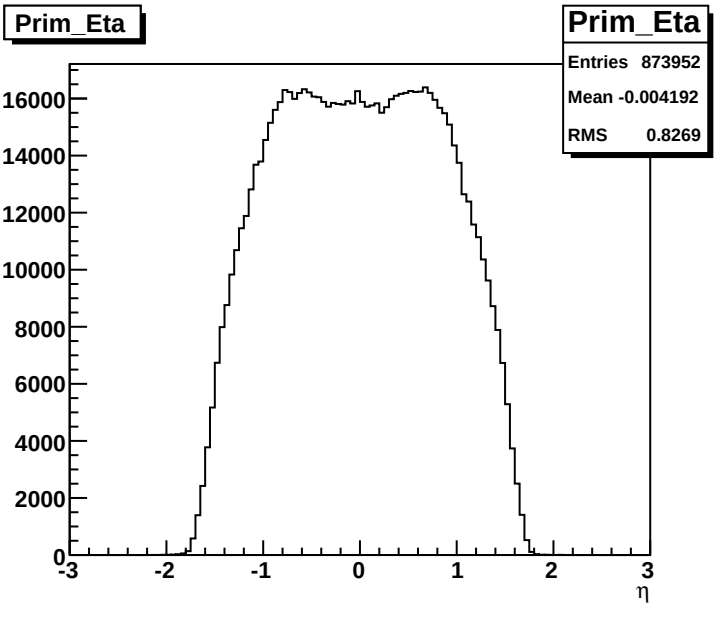

primaryMult
primaryMult
Entries 3141
Mean 278.2
RMS 269.4
Multiplicity

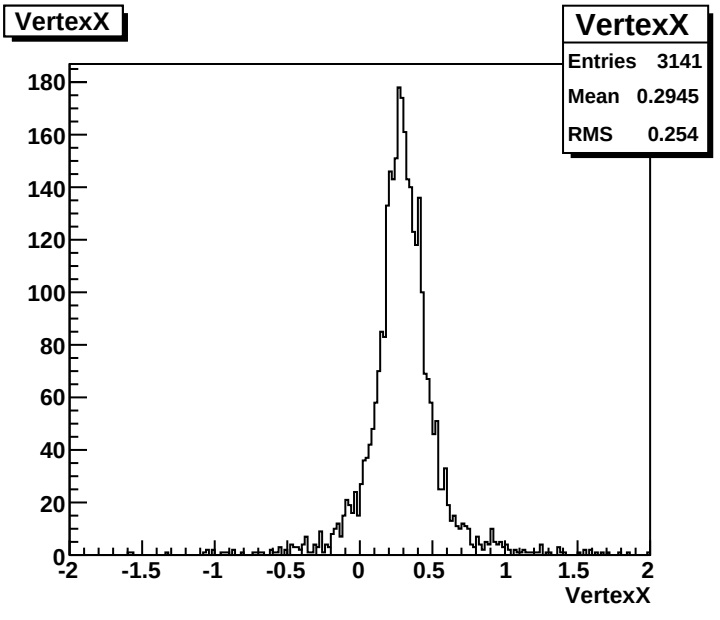

nDedx
nDedx
Entries 2156540
Mean 6.628
RMS 9.112
×10³
ndedx

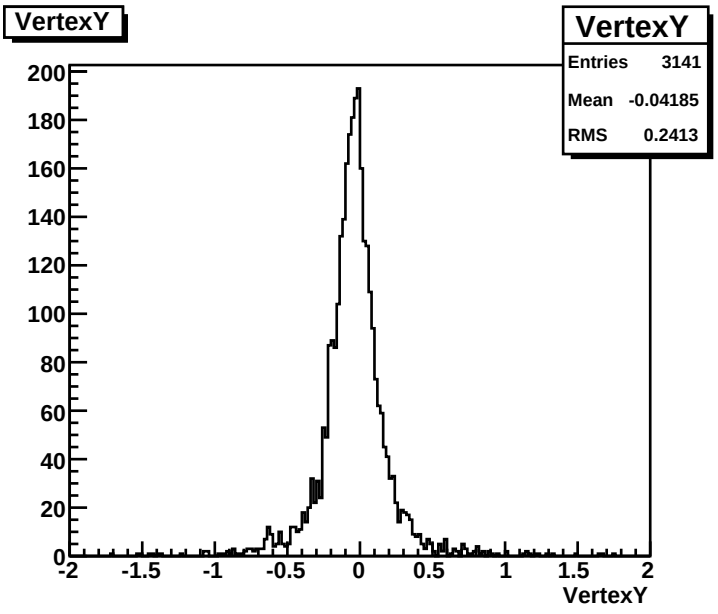

DcaXy
DcaXy
Entries 2156540
Mean -0.01407
RMS 2.111
χ² / ndf 4.616e+04 / 33
Apt 4.041e+04 ± 66
Mean 0.01107 ± 0.00104
Sigma 0.852 ± 0.001
DcaXY

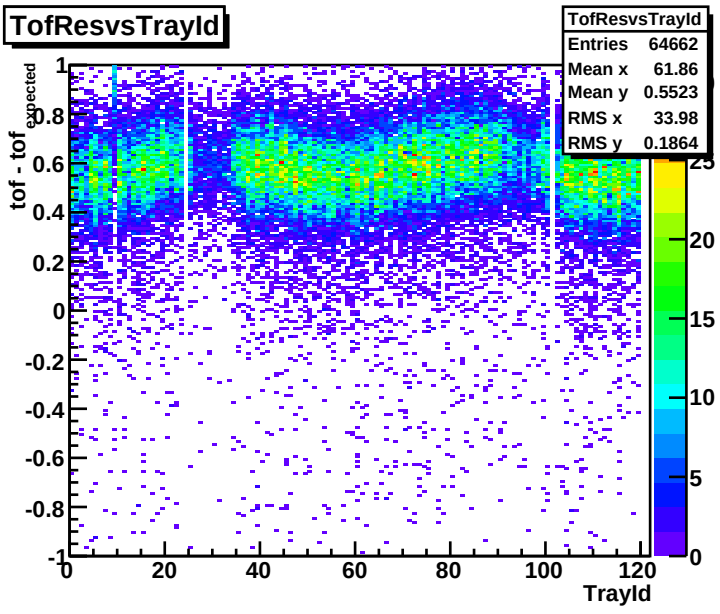

DcaZ
DcaZ
Entries 2156540
Mean 0.01508
RMS 1.652
DcaZ

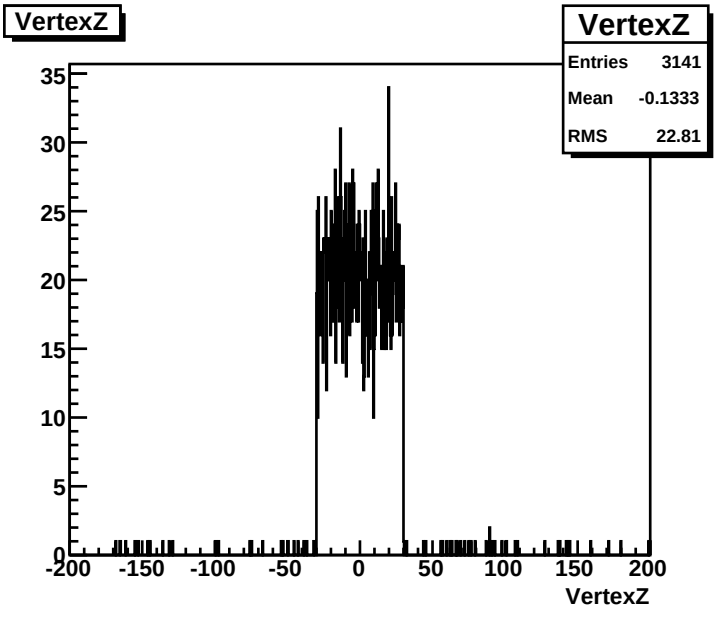

Glob_Eta
Glob_Eta
Entries 2156540
Mean -0.001988
RMS 0.7326
η

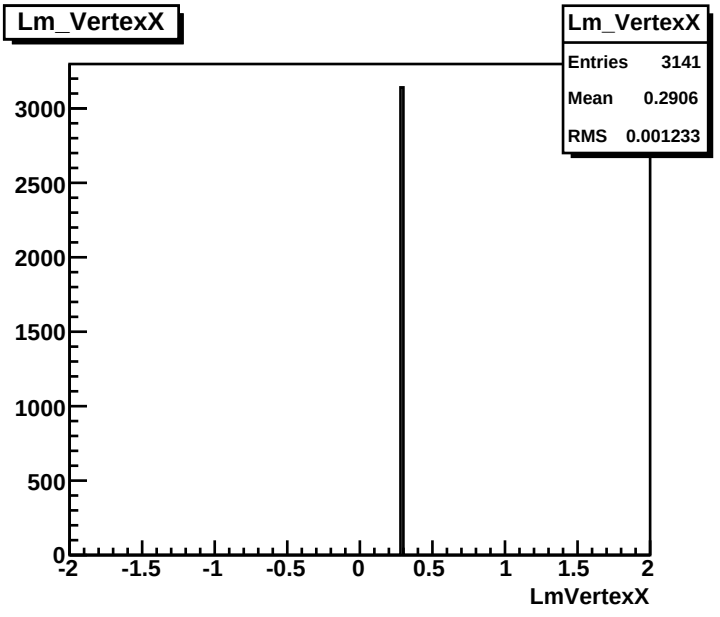

Prim_Eta
Prim_Eta
Entries 873952
Mean -0.004192
RMS 0.8269
η

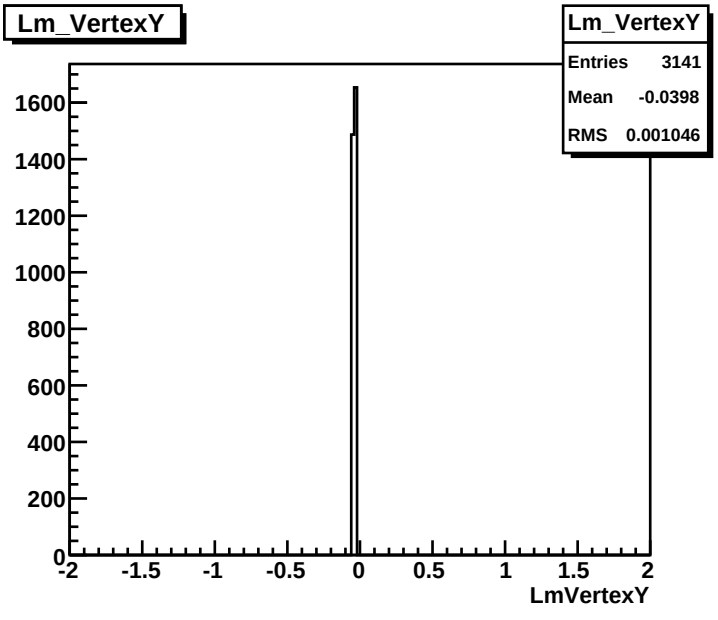

VertexX
VertexX
Entries 3141
Mean 0.2945
RMS 0.254
VertexX

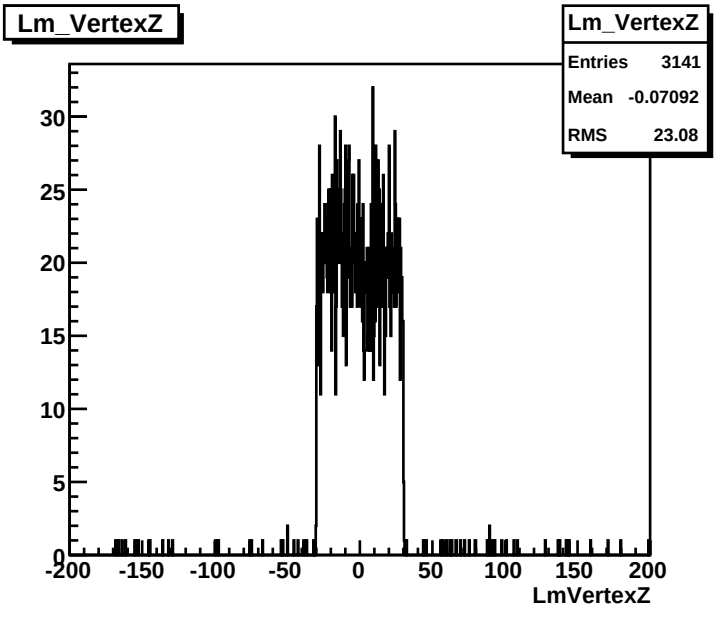

VertexY
VertexY
Entries 3141
Mean -0.04185
RMS 0.2413
VertexY

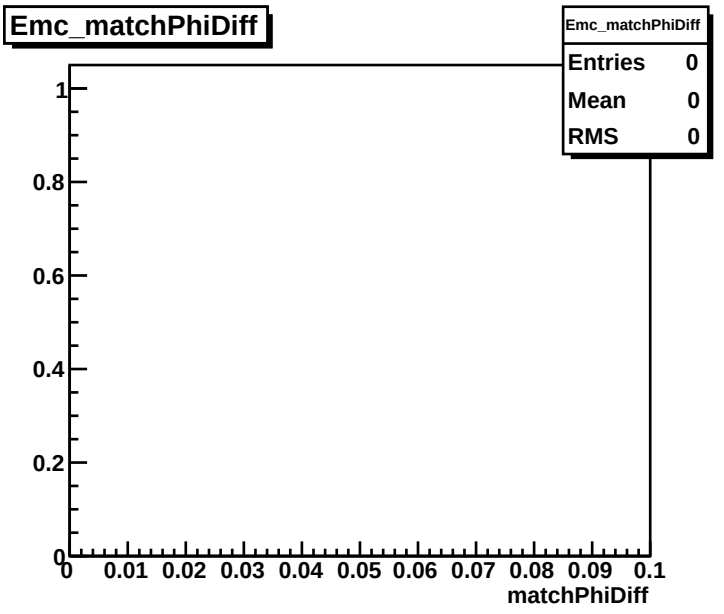

TofResvsTrayId
TofResvsTrayId
Entries 64662
Mean x 61.86
Mean y 0.5523
RMS x 33.98
RMS y 0.1864
tof - tof expected
TrayId

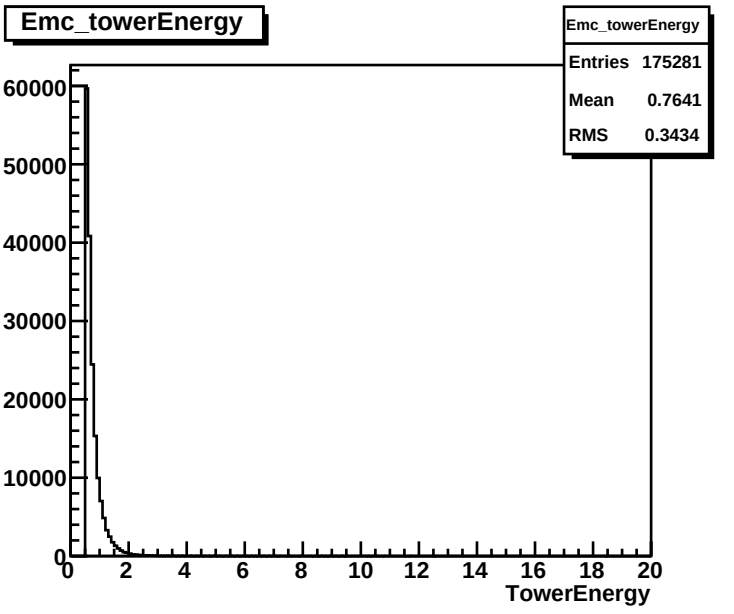

VertexZ
VertexZ
Entries 3141
Mean -0.1333
RMS 22.81
VertexZ

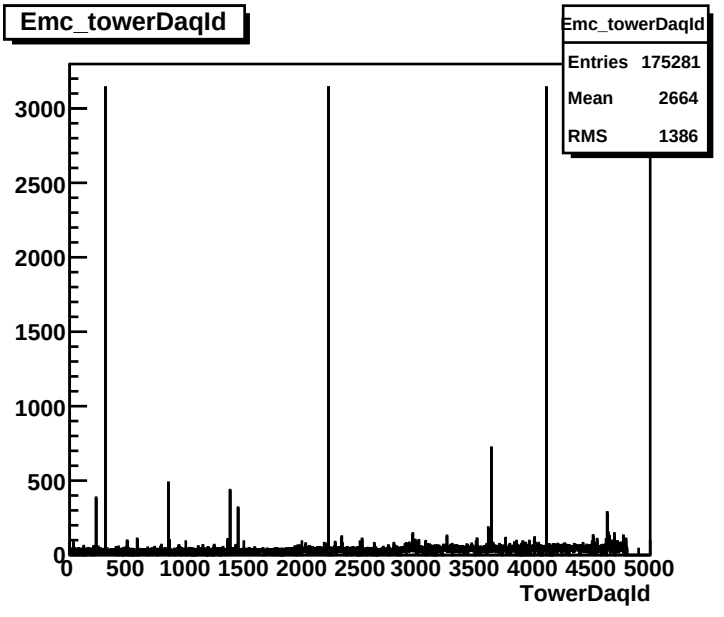

Lm_VertexX
Lm_VertexX
Entries 3141
Mean 0.2906
RMS 0.001233
LmVertexX

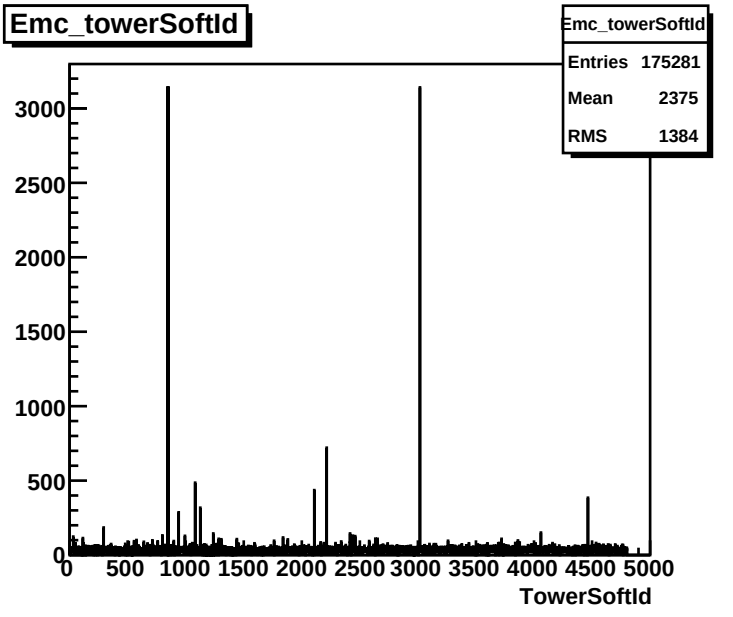

Lm_VertexY
Lm_VertexY
Entries 3141
Mean -0.0398
RMS 0.001046
LmVertexY

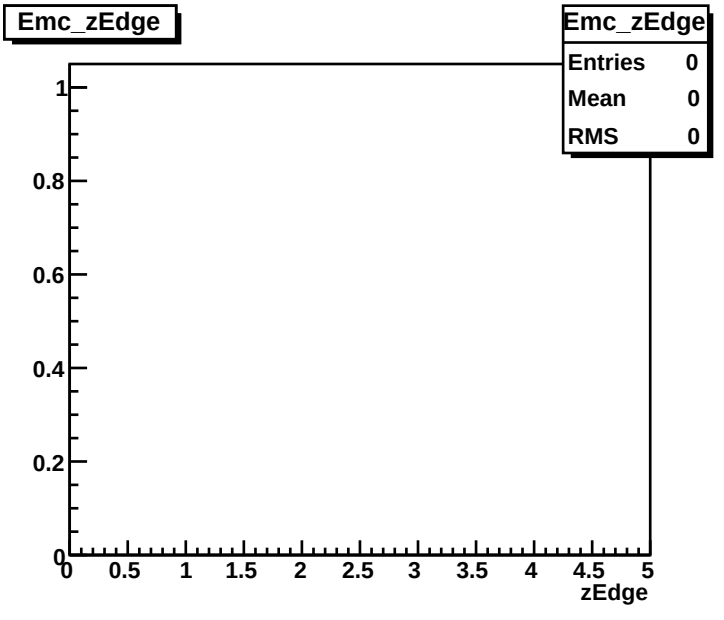

Lm_VertexZ
Lm_VertexZ
Entries 3141
Mean -0.07092
RMS 23.08
LmVertexZ

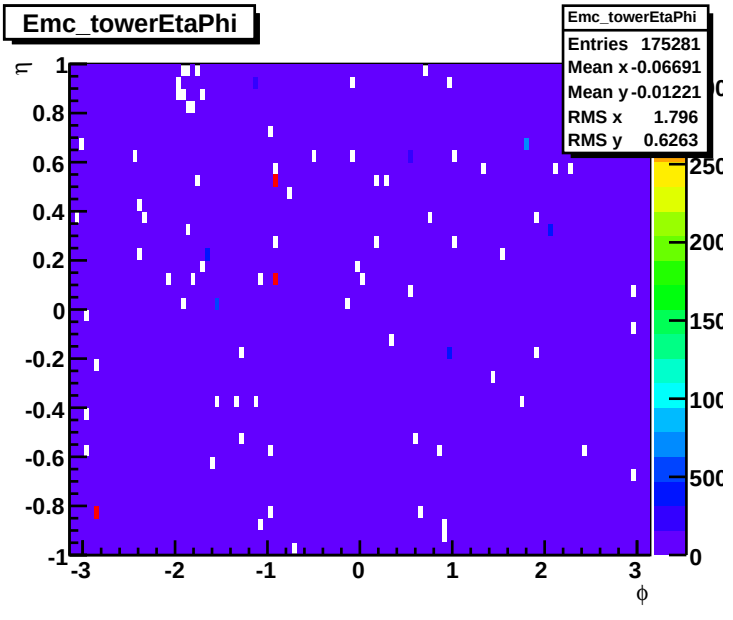

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

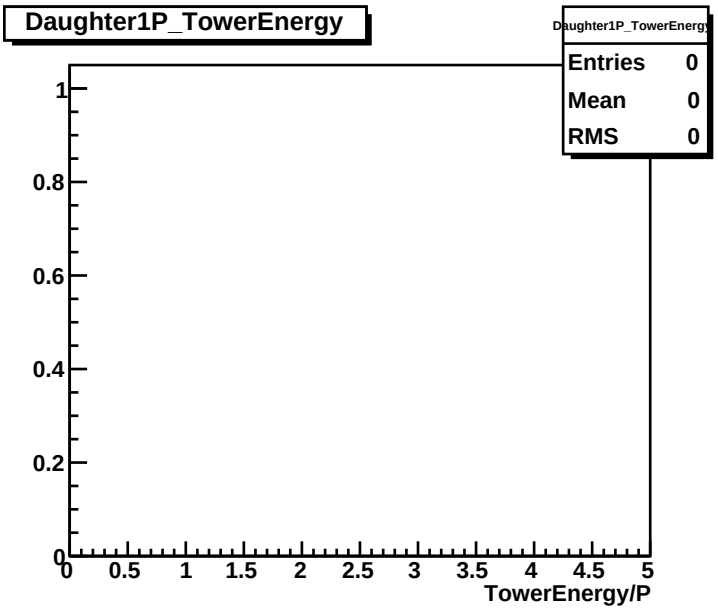

Emc_towerEnergy
Emc_towerEnergy
Entries 175281
Mean 0.7641
RMS 0.3434
TowerEnergy

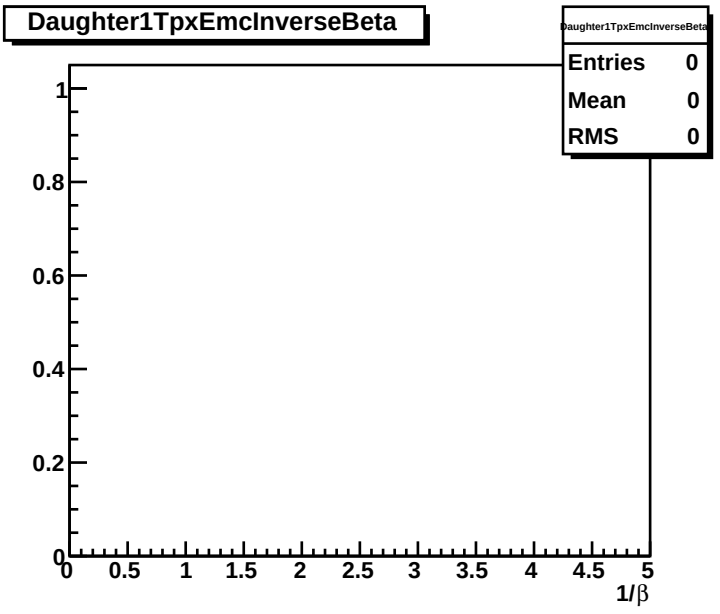

Emc_towerDaqId
Emc_towerDaqId
Entries 175281
Mean 2664
RMS 1386
TowerDaqId

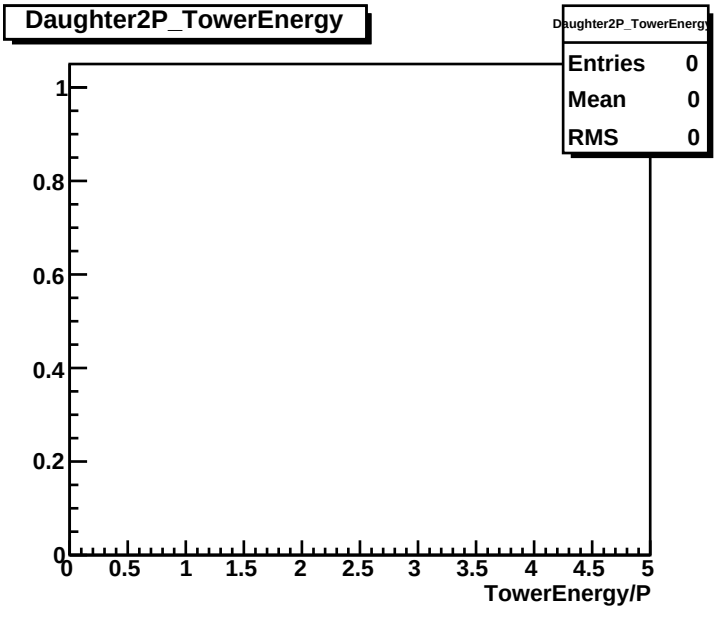

Emc_towerSoftId
Emc_towerSoftId
Entries 175281
Mean 2375
RMS 1384
TowerSoftId

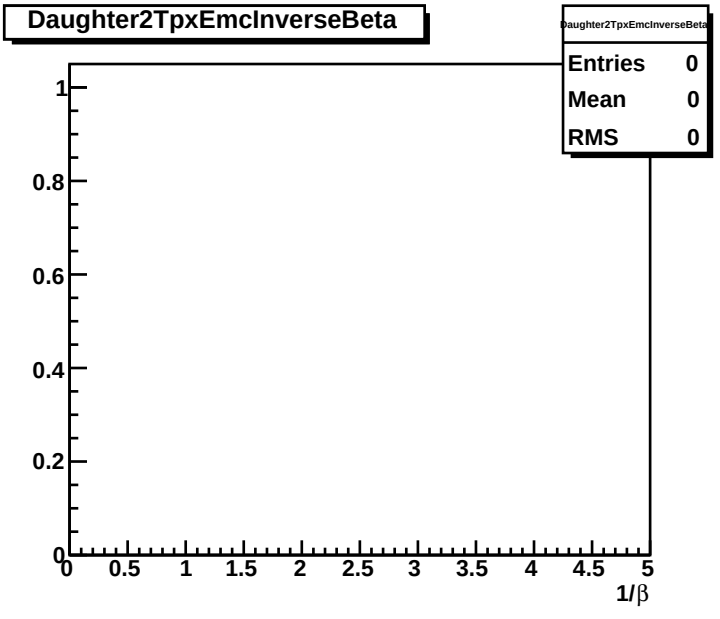

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

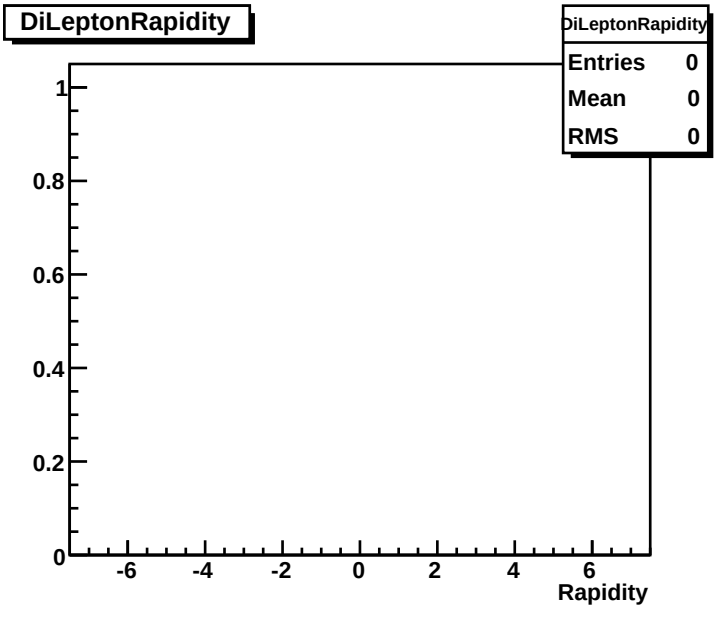

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 175281
Mean x -0.06691
Mean y -0.01221
RMS x 1.796
RMS y 0.6263
η
ϕ

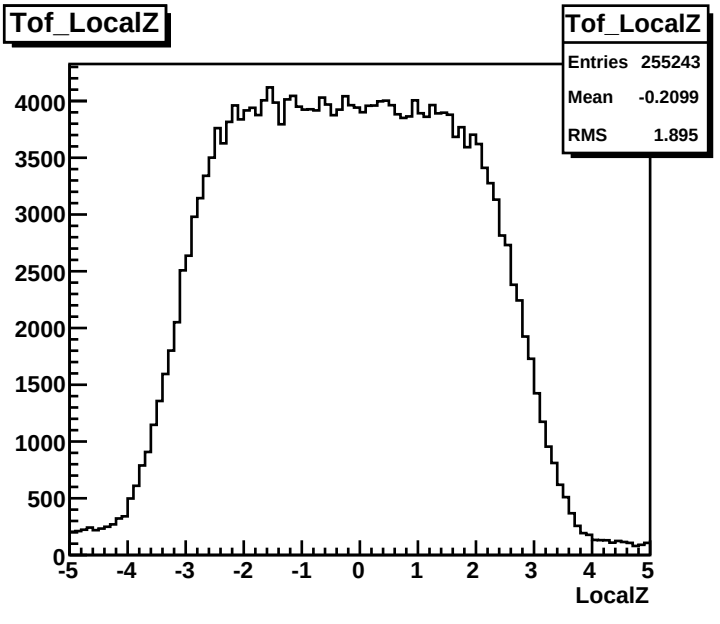

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

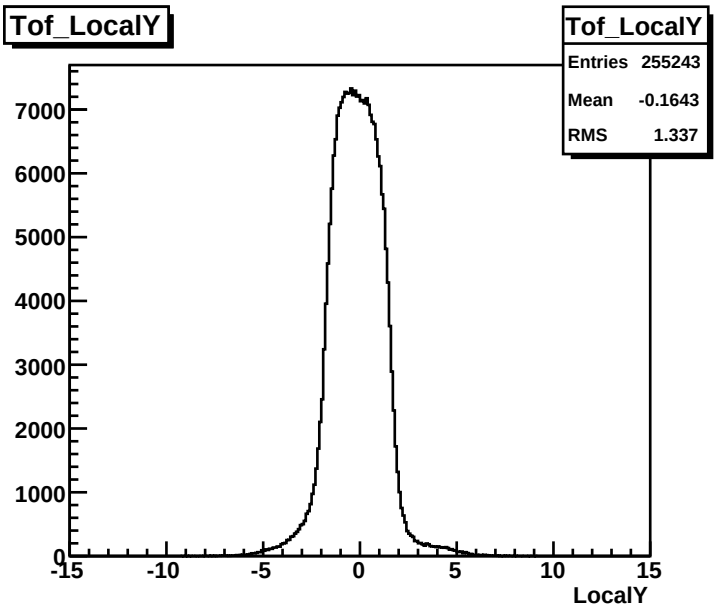

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

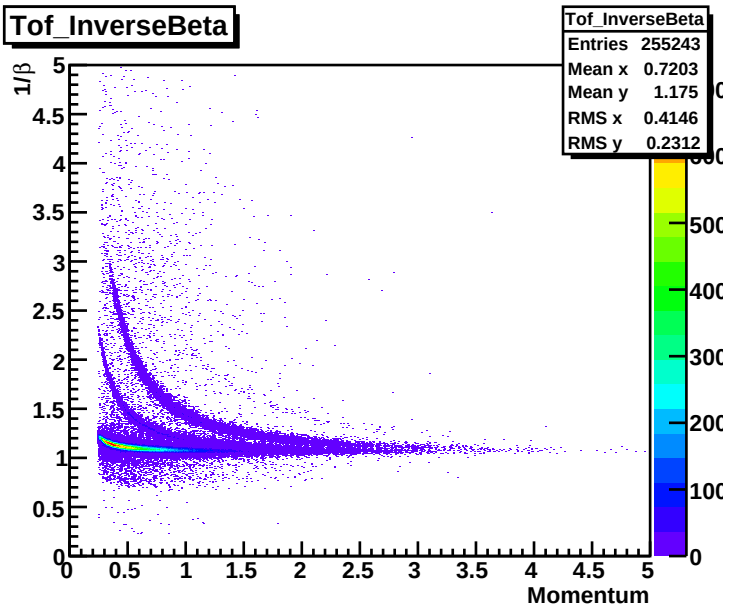

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

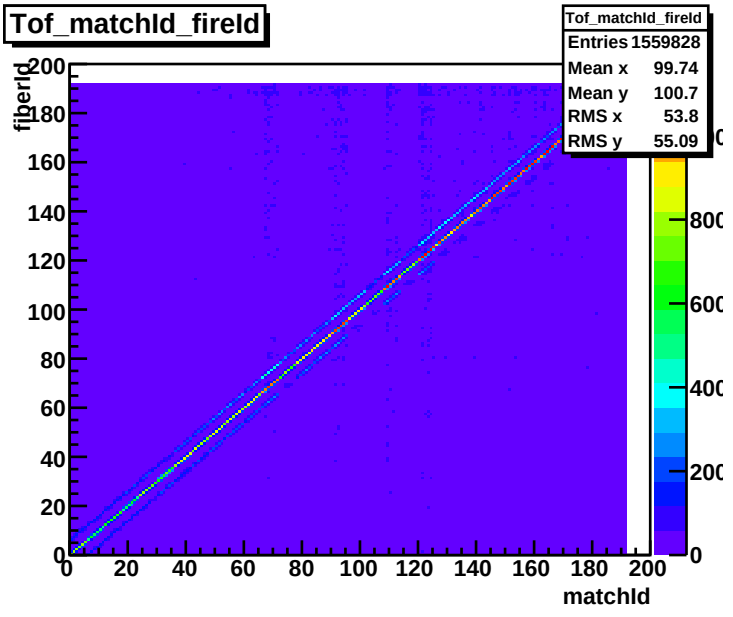

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

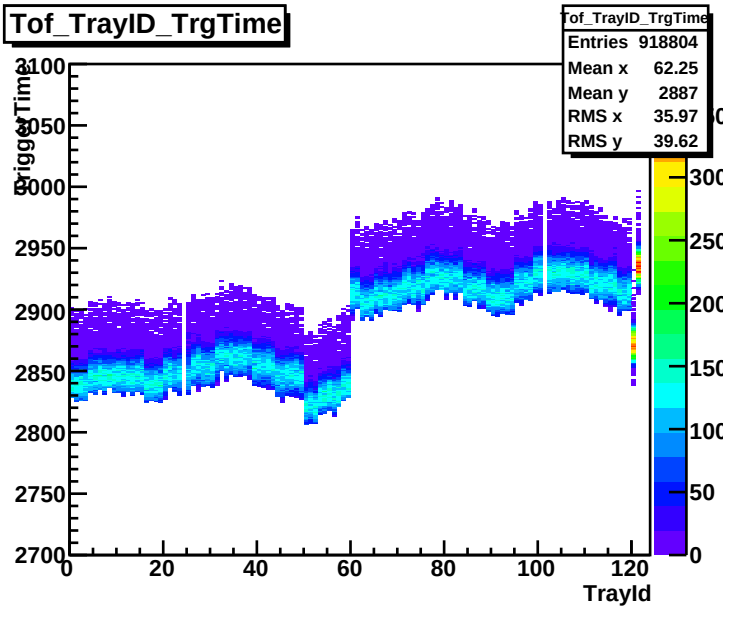

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

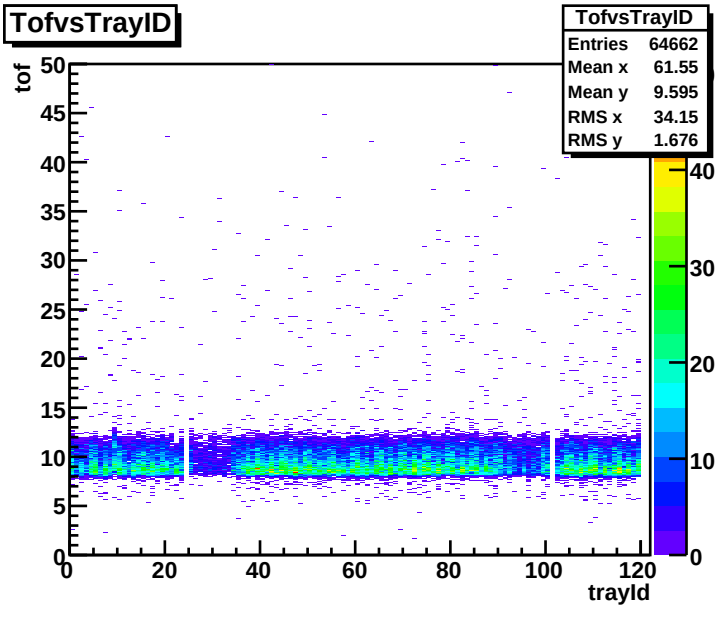

Tof_LocalZ
Tof_LocalZ
Entries 255243
Mean -0.2099
RMS 1.895
LocalZ

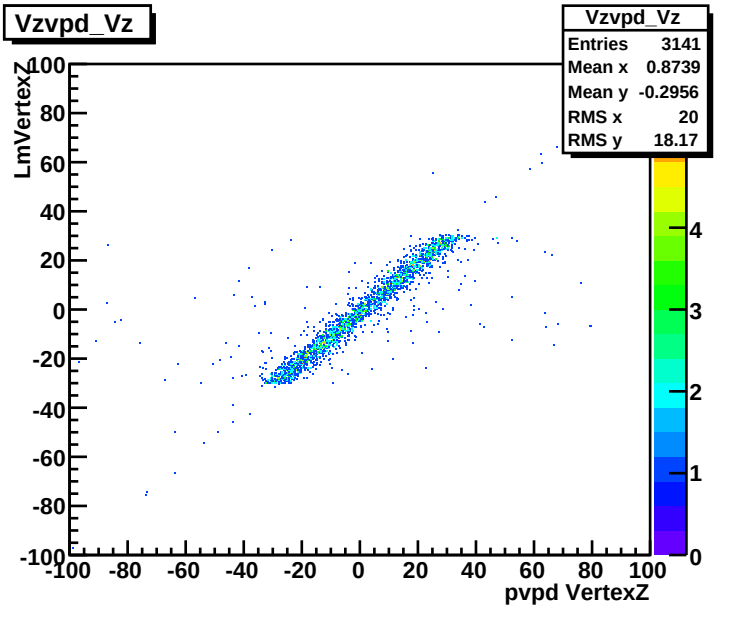

Tof_LocalY
Tof_LocalY
Entries 255243
Mean -0.1643
RMS 1.337
LocalY

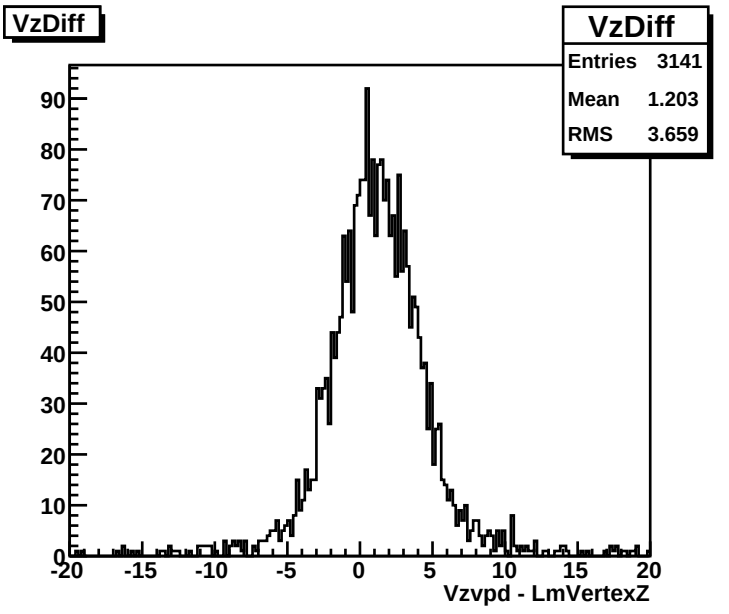

Tof_InverseBeta
Tof_InverseBeta
Entries 255243
Mean x 0.7203
Mean y 1.175
RMS x 0.4146
RMS y 0.2312
1/β
Momentum

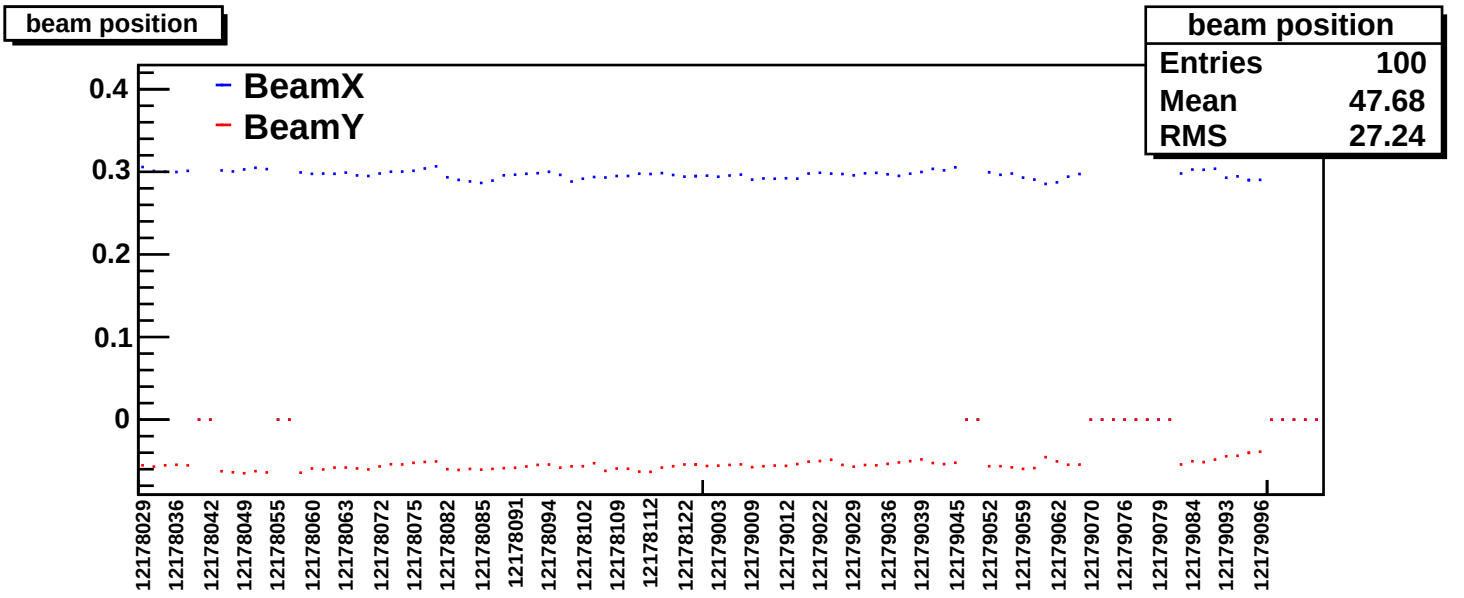

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1559828
Mean x 99.74
Mean y 100.7
RMS x 53.8
RMS y 55.09
fiberId
matchId

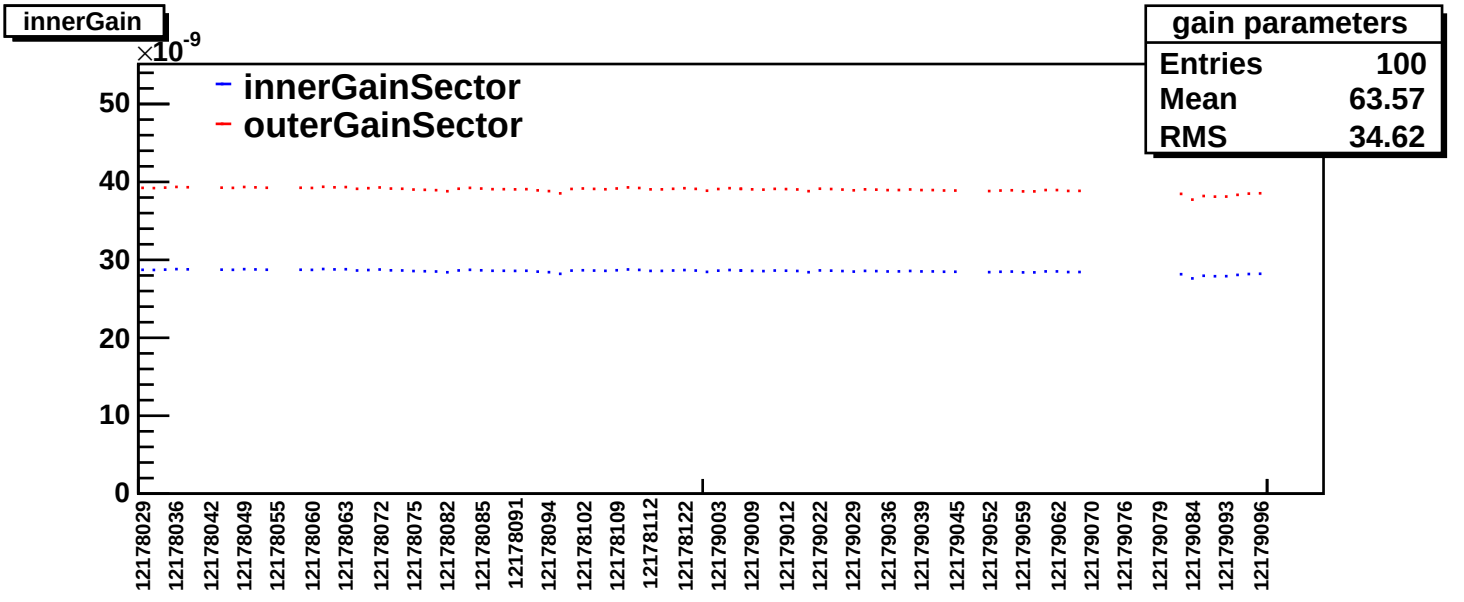

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 918804
Mean x 62.25
Mean y 2887
RMS x 35.97
RMS y 39.62
TrayId

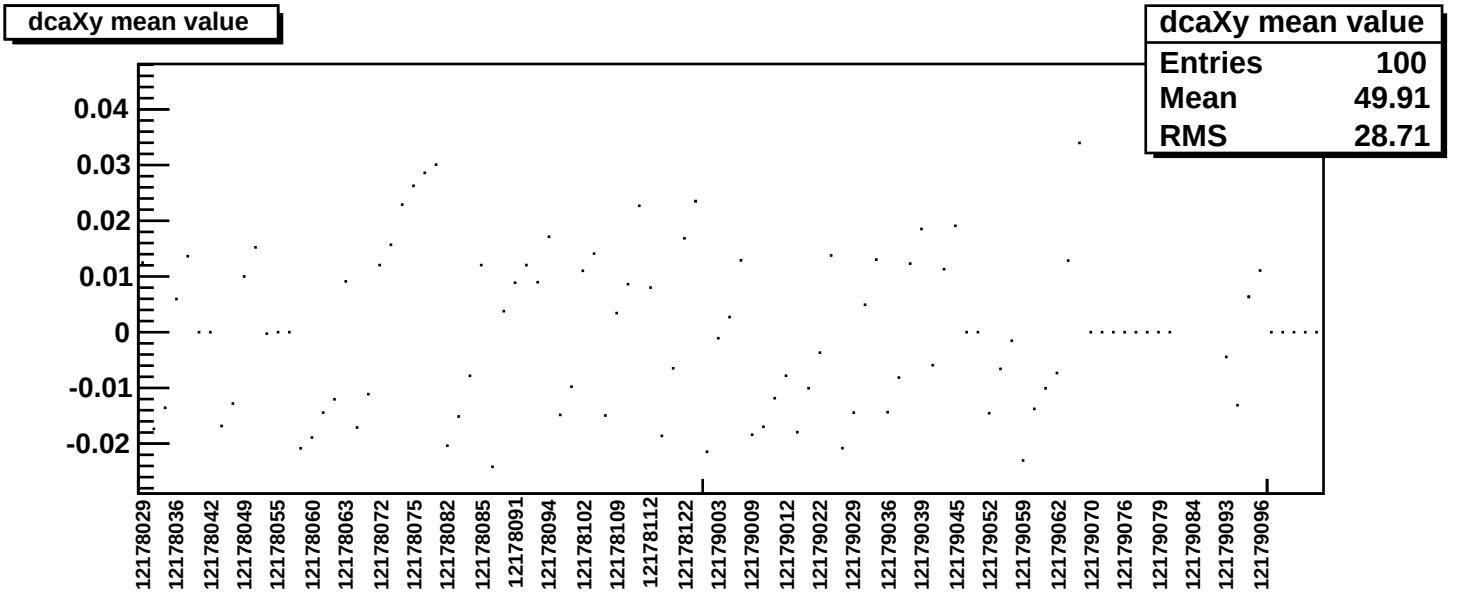

TofvsTrayID
TofvsTrayID
Entries 64662
Mean x 61.55
Mean y 9.595
RMS x 34.15
RMS y 1.676
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 3141
Mean x 0.8739
Mean y -0.2956
RMS x 20
RMS y 18.17
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 3141
Mean 1.203
RMS 3.659
90
80
70
60
50
40
30
20
10
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 47.68
RMS 27.24
BeamX
BeamY
0.4
0.3
0.2
0.1
0
12178029 12178036 12178042 12178049 12178055 12178060 12178063 12178072 12178075 12178082 12178085 12178091 12178094 12178102 12178109 12178112 12178122 12179003 12179009 12179012 12179022 12179029 12179036 12179039 12179045 12179052 12179059 12179062 12179070 12179076 12179079 12179084 12179093 12179096


innerGain
gain parameters
Entries 100
Mean 63.57
RMS 34.62
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12178029 12178036 12178042 12178049 12178055 12178060 12178063 12178072 12178075 12178082 12178085 12178091 12178094 12178102 12178109 12178112 12178122 12179003 12179009 12179012 12179022 12179029 12179036 12179039 12179045 12179052 12179059 12179062 12179070 12179076 12179079 12179084 12179093 12179096


dcaXy mean value
dcaXy mean value
Entries 100
Mean 49.91
RMS 28.71
0.04
0.03
0.02
0.01
0
-0.01
-0.02
12178029 12178036 12178042 12178049 12178055 12178060 12178063 12178072 12178075 12178082 12178085 12178091 12178094 12178102 12178109 12178112 12178122 12179003 12179009 12179012 12179022 12179029 12179036 12179039 12179045 12179052 12179059 12179062 12179070 12179076 12179079 12179084 12179093 12179096