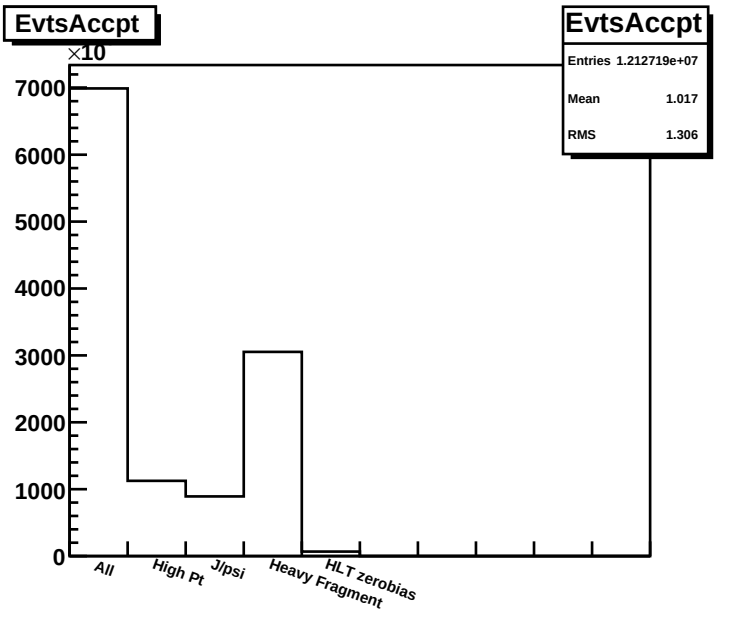
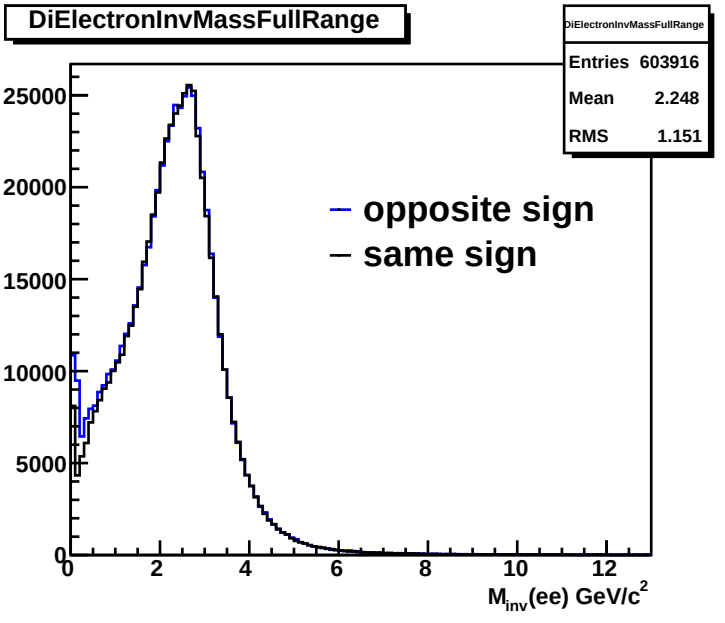
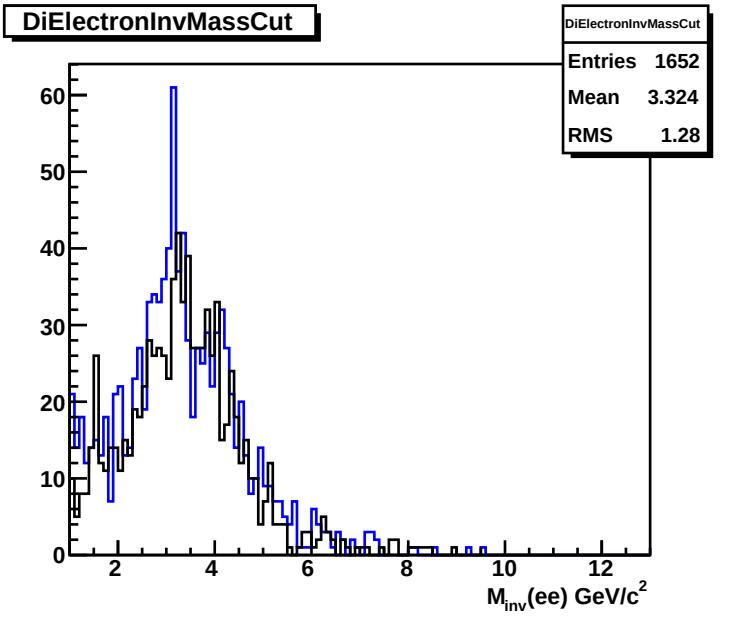
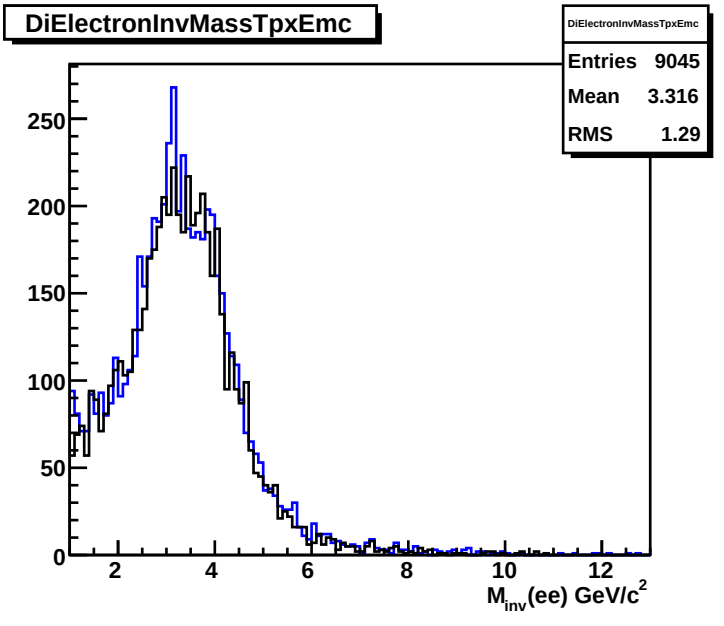
This file is produced on

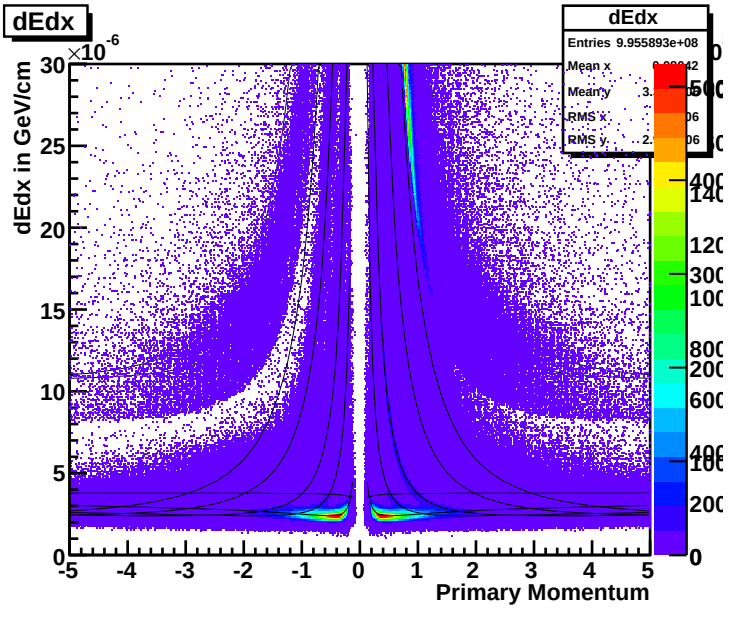
Tue Jun 28 22:48:39 2011

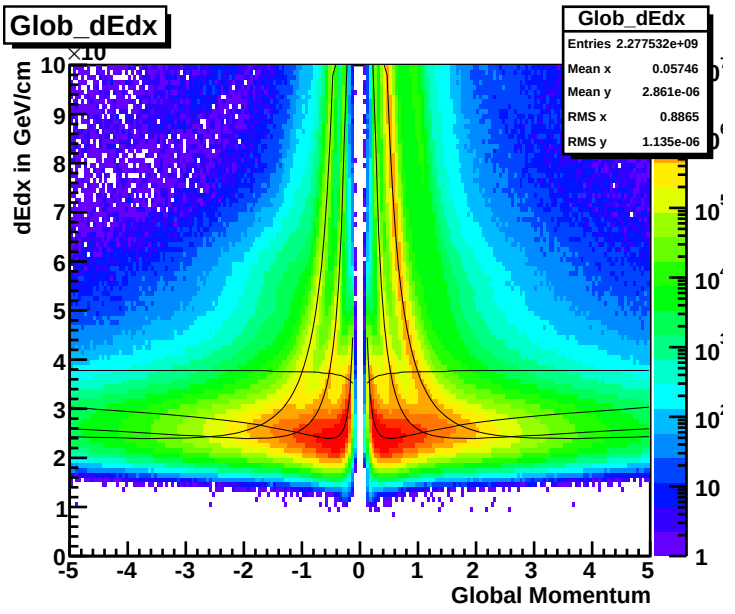


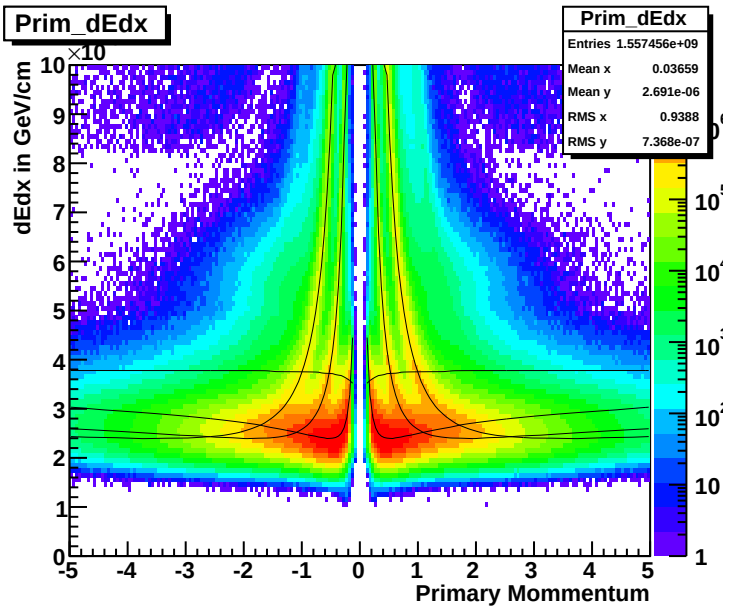


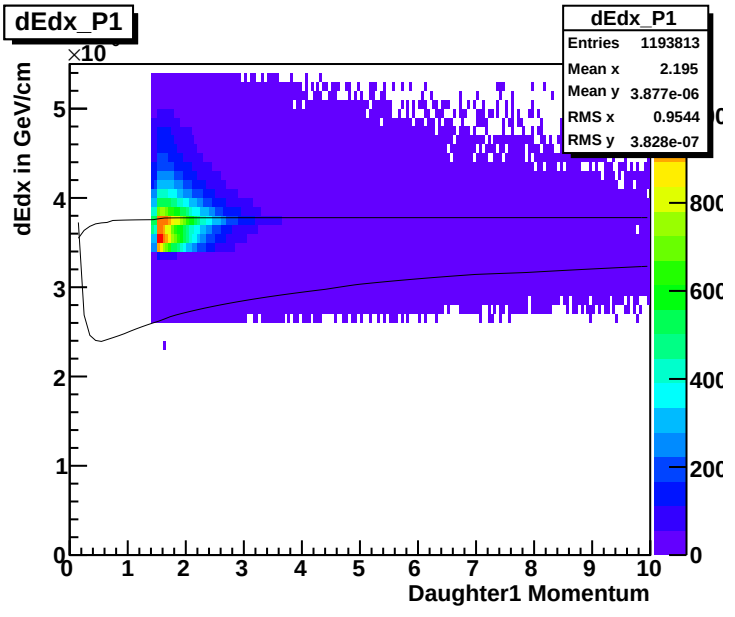


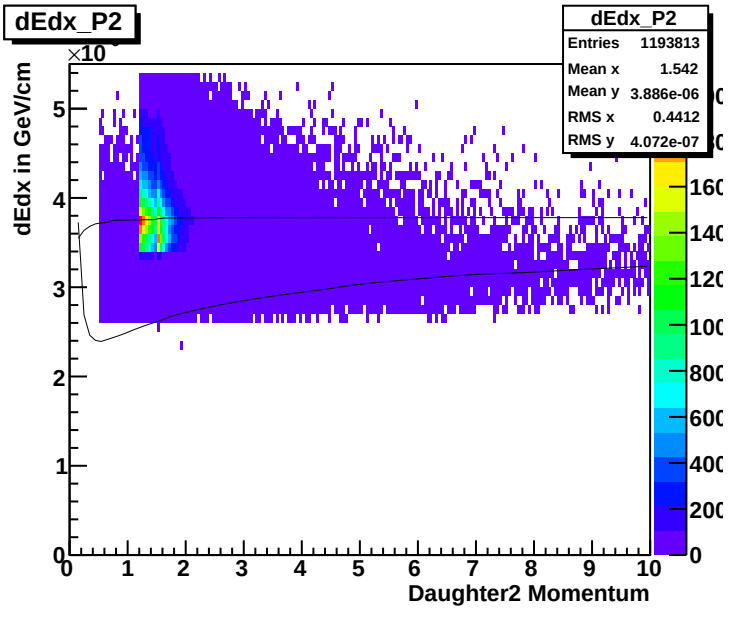


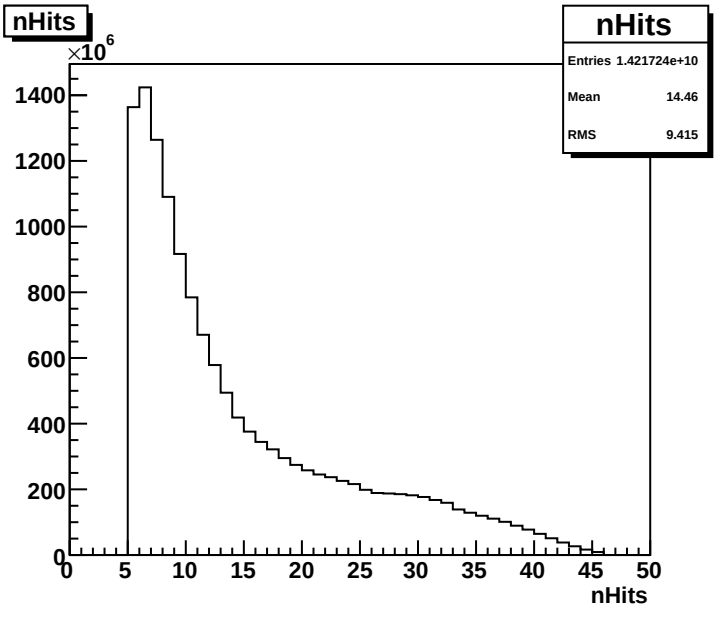


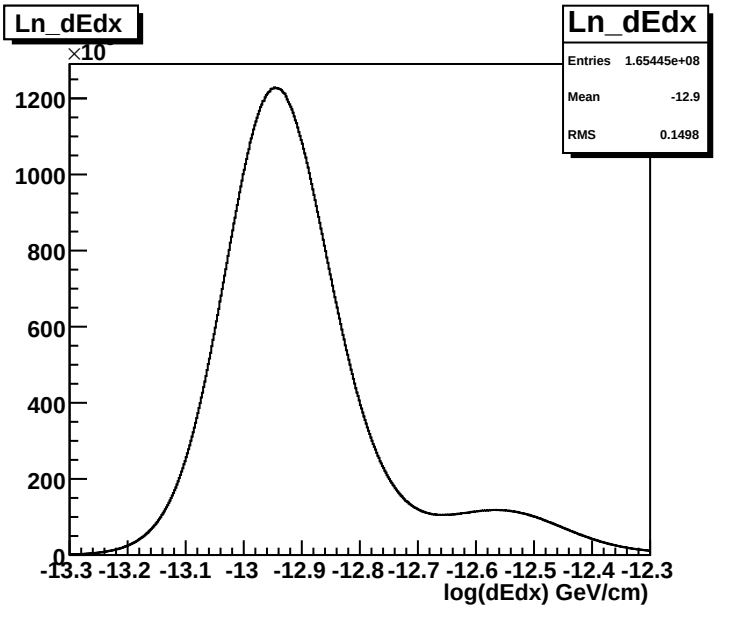

Glob_dEdx
Entries 2.277532e+09
Mean x 0.05746
Mean y 2.861e-06
RMS x 0.8865
RMS y 1.135e-06
dEdx in GeV/cm
Global Momentum

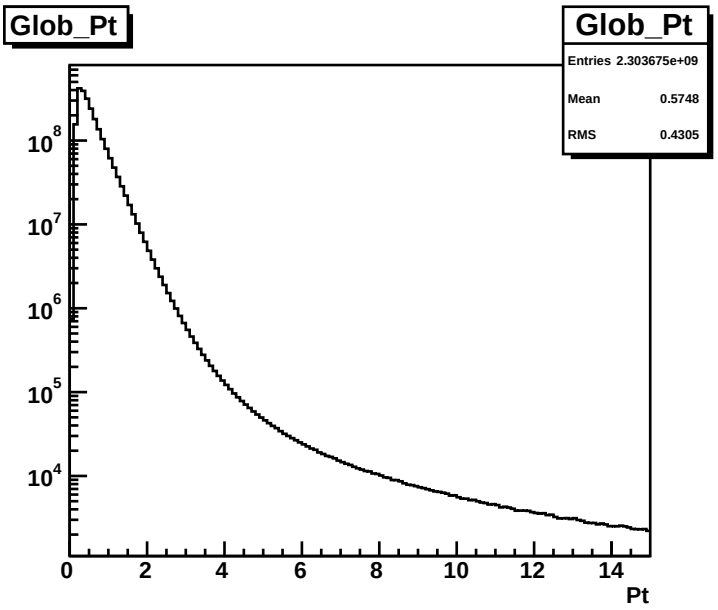

Prim_dEdx
Entries 1.557456e+09
Mean x 0.03659
Mean y 2.691e-06
RMS x 0.9388
RMS y 7.368e-07
dEdx in GeV/cm
Primary Mommentum

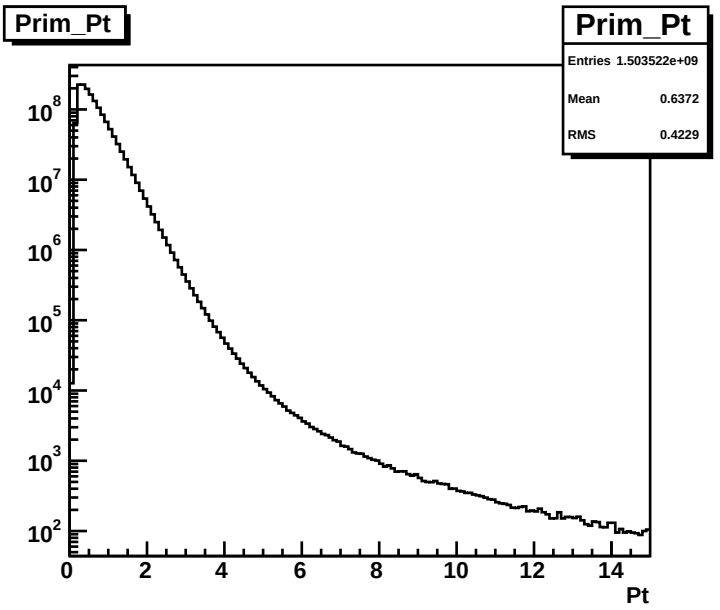

dEdx_P1
Entries 1193813
Mean x 2.195
Mean y 3.877e-06
RMS x 0.9544
RMS y 3.828e-07
dEdx in GeV/cm
Daughter1 Momentum

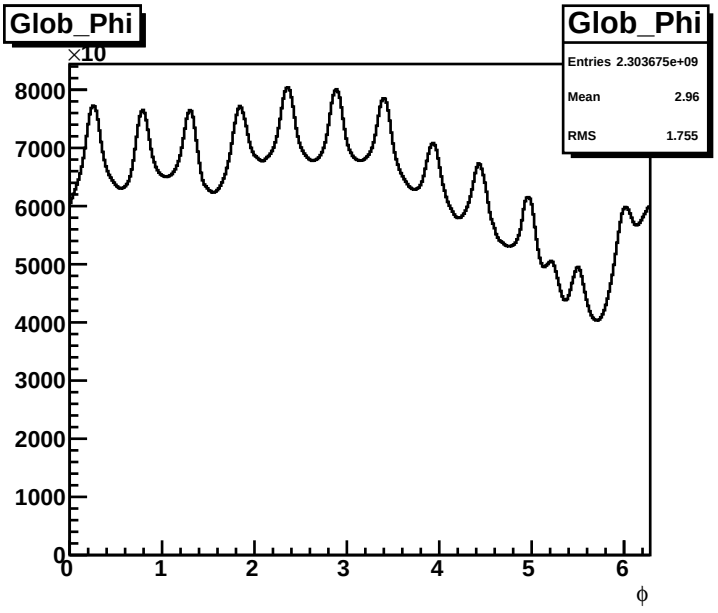

dEdx_P2
Entries 1193813
Mean x 1.542
Mean y 3.886e-06
RMS x 0.4412
RMS y 4.072e-07
dEdx in GeV/cm
Daughter2 Momentum

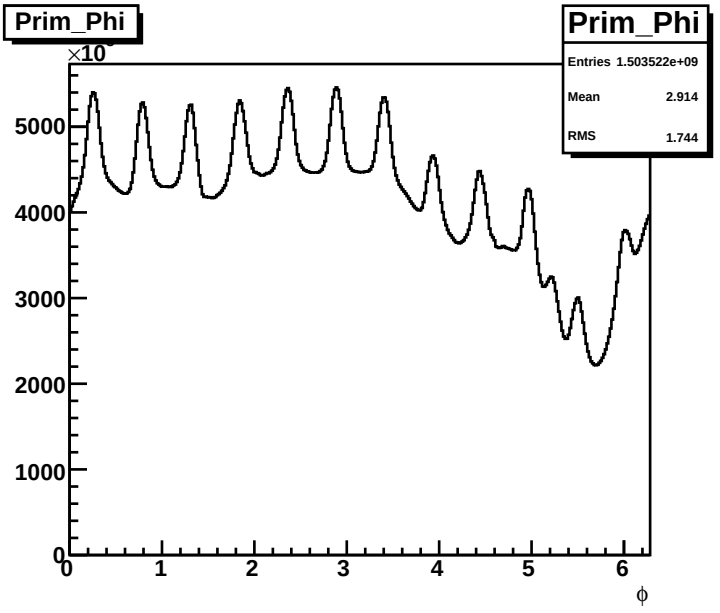

nHits
Entries 1.421724e+10
Mean 14.46
RMS 9.415
nHits

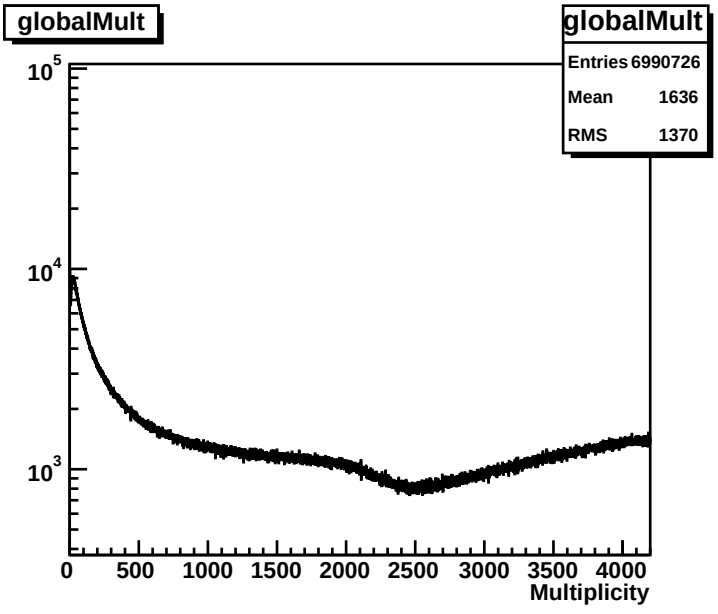

Ln_dEdx
Entries 1.65445e+08
Mean -12.9
RMS 0.1498
log(dEdx) GeV/cm)

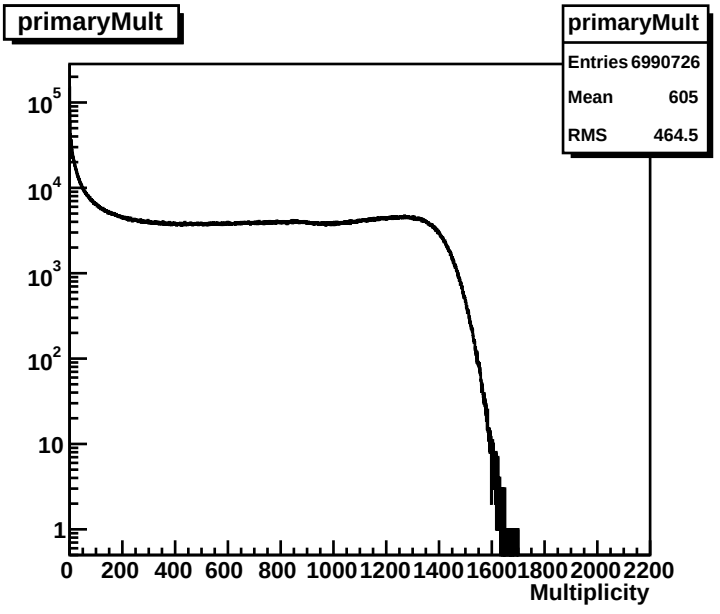

Glob_Pt
Glob_Pt
Entries 2.303675e+09
Mean 0.5748
RMS 0.4305
Pt

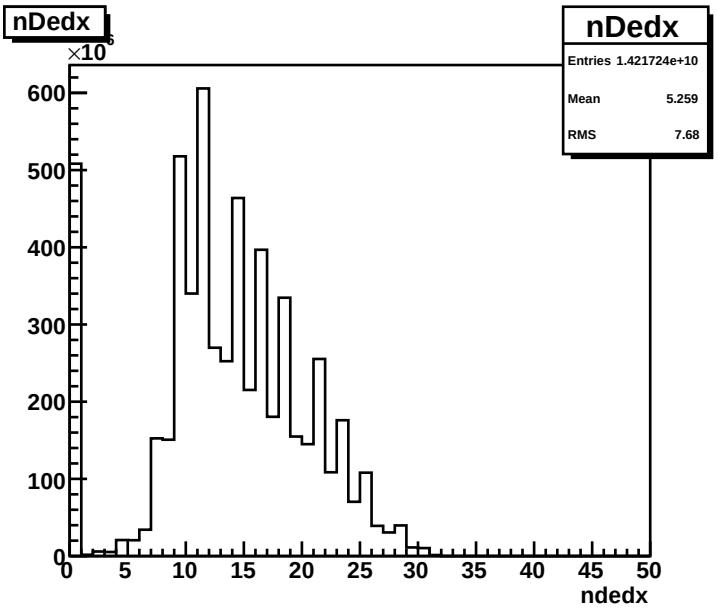

Prim_Pt
Prim_Pt
Entries 1.503522e+09
Mean 0.6372
RMS 0.4229
Pt

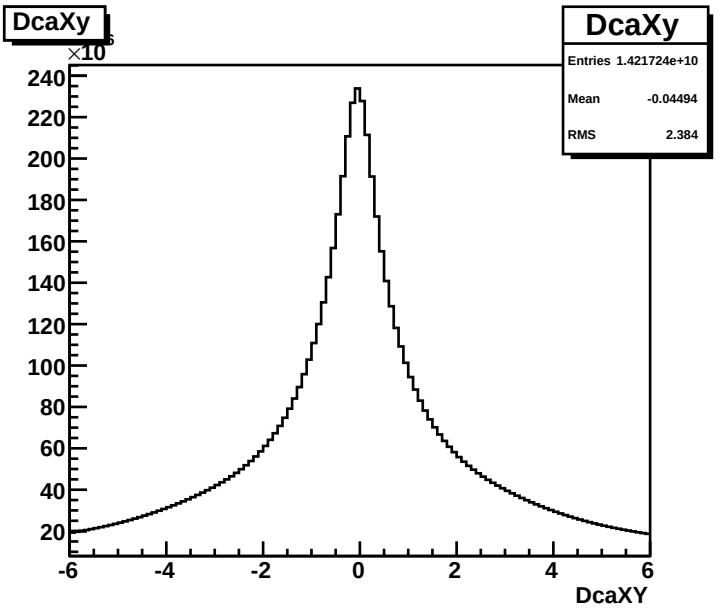

Glob_Phi
Glob_Phi
Entries 2.303675e+09
Mean 2.96
RMS 1.755
φ

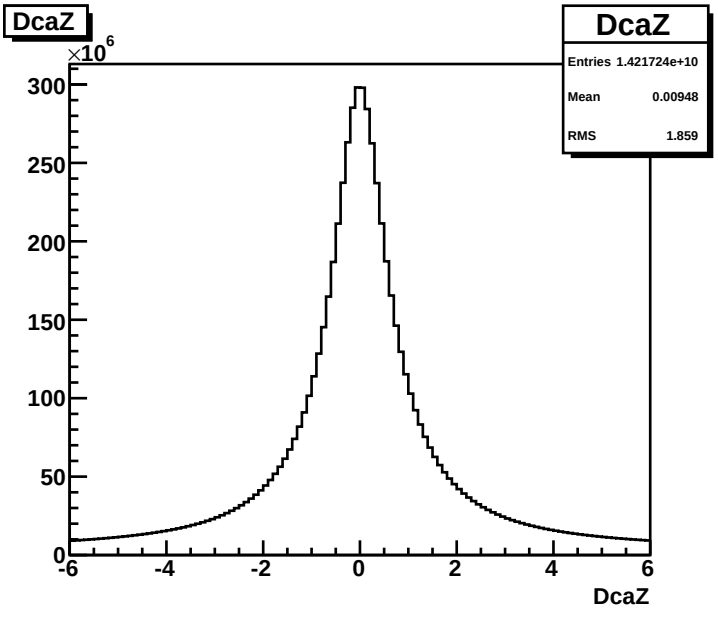

Prim_Phi
Prim_Phi
Entries 1.503522e+09
Mean 2.914
RMS 1.744
φ

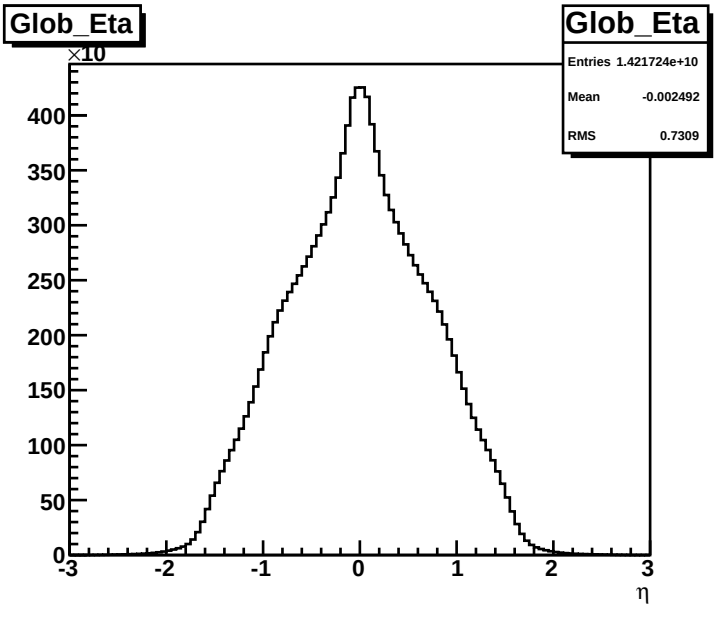

globalMult
globalMult
Entries 6990726
Mean 1636
RMS 1370
Multiplicity

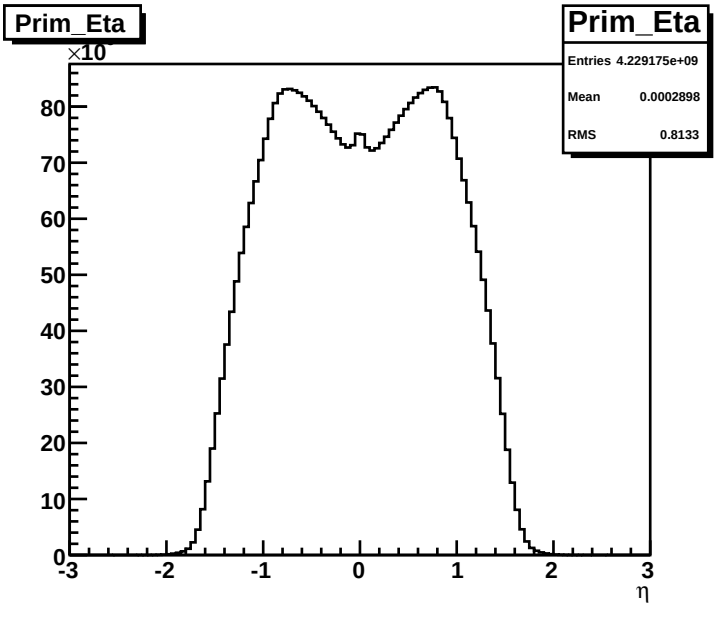

primaryMult
primaryMult
Entries 6990726
Mean 605
RMS 464.5
Multiplicity

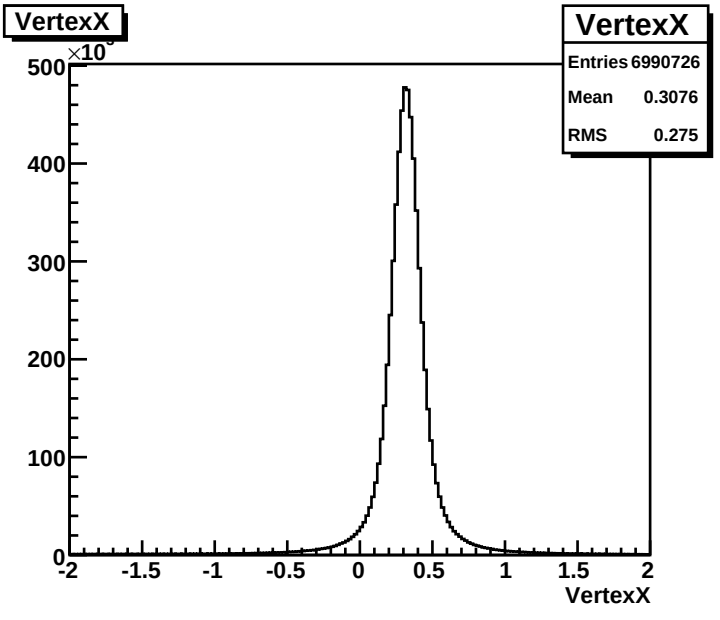

nDedx
nDedx
Entries 1.421724e+10
Mean 5.259
RMS 7.68
ndedx

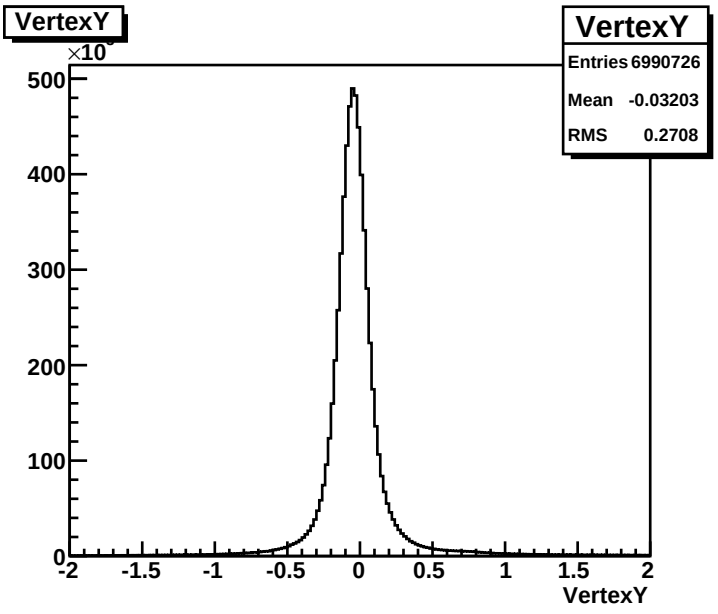

DcaXy
DcaXy
Entries 1.421724e+10
Mean -0.04494
RMS 2.384
DcaXY

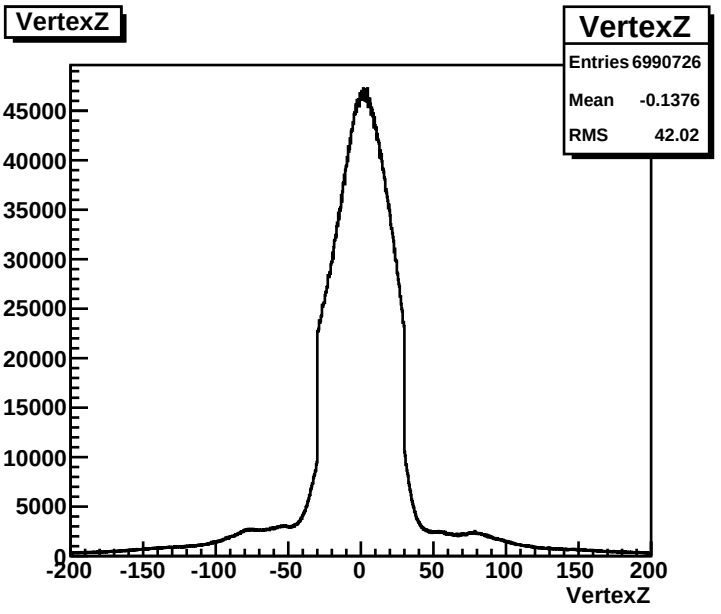

DcaZ
DcaZ
Entries 1.421724e+10
Mean 0.00948
RMS 1.859
DcaZ

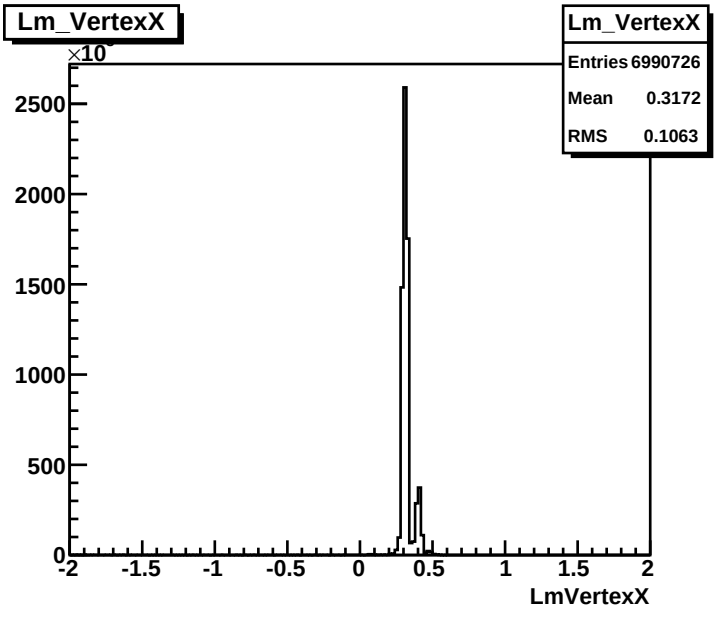

Glob_Eta
Glob_Eta
Entries 1.421724e+10
Mean -0.002492
RMS 0.7309
η

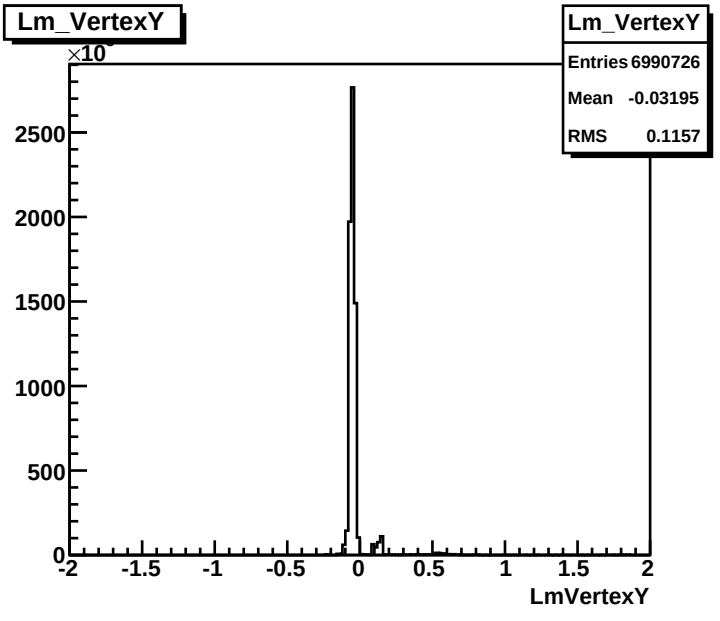

Prim_Eta
Prim_Eta
Entries 4.229175e+09
Mean 0.0002898
RMS 0.8133
η

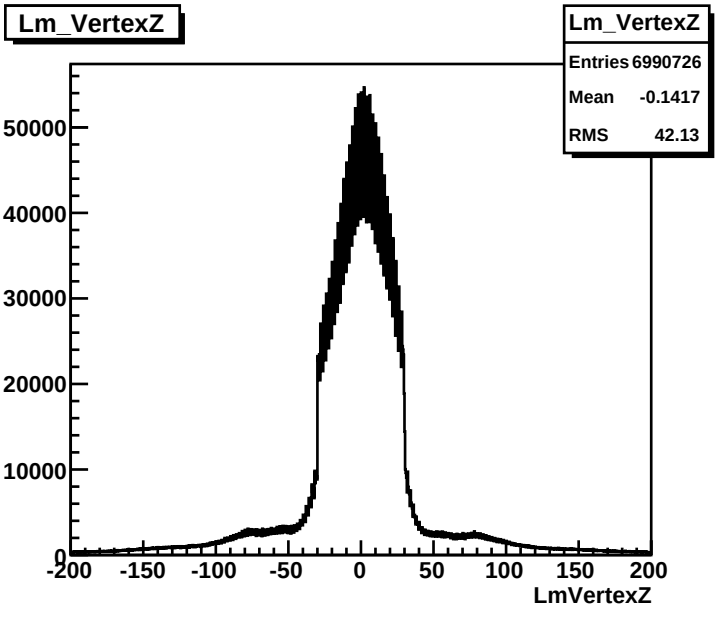

VertexX
VertexX
Entries 6990726
Mean 0.3076
RMS 0.275
VertexX

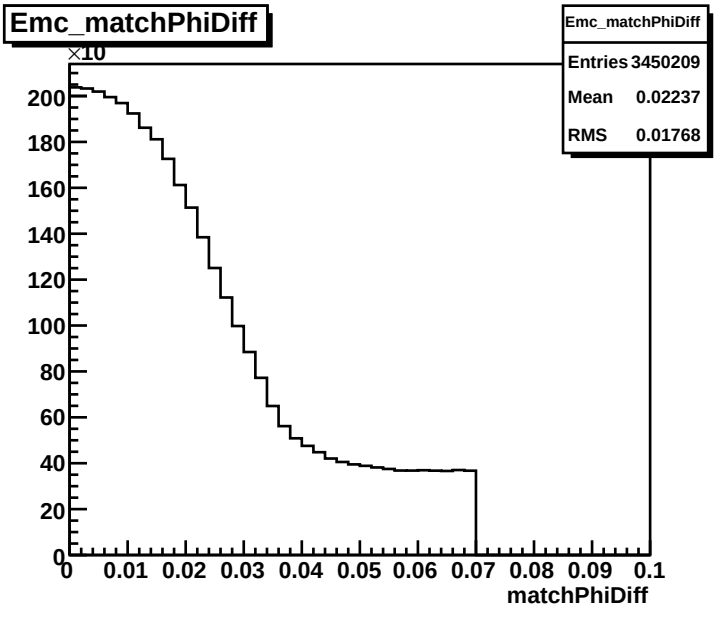

VertexY
VertexY
Entries 6990726
Mean -0.03203
RMS 0.2708
VertexY

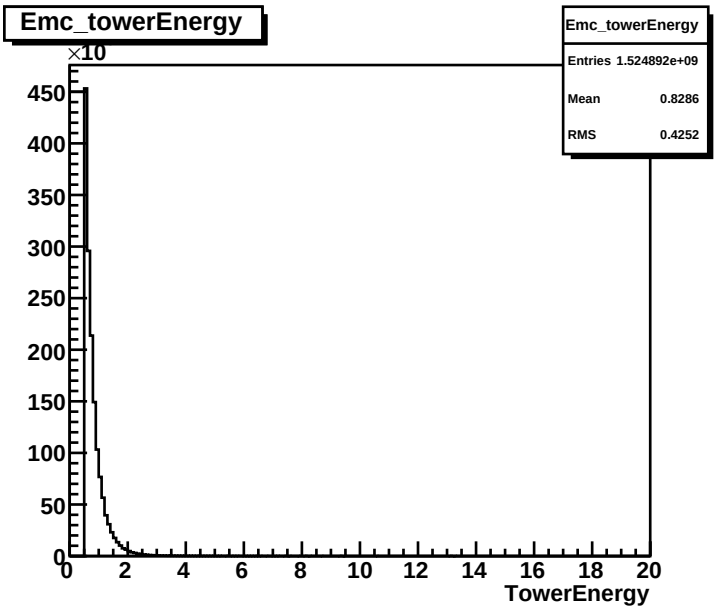

VertexZ
VertexZ
Entries 6990726
Mean -0.1376
RMS 42.02
VertexZ

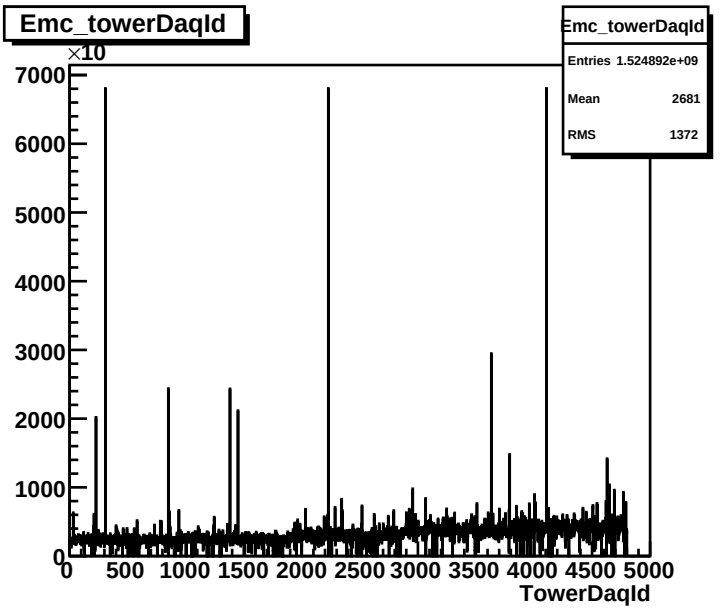

Lm_VertexX
Lm_VertexX
Entries 6990726
Mean 0.3172
RMS 0.1063
LmVertexX

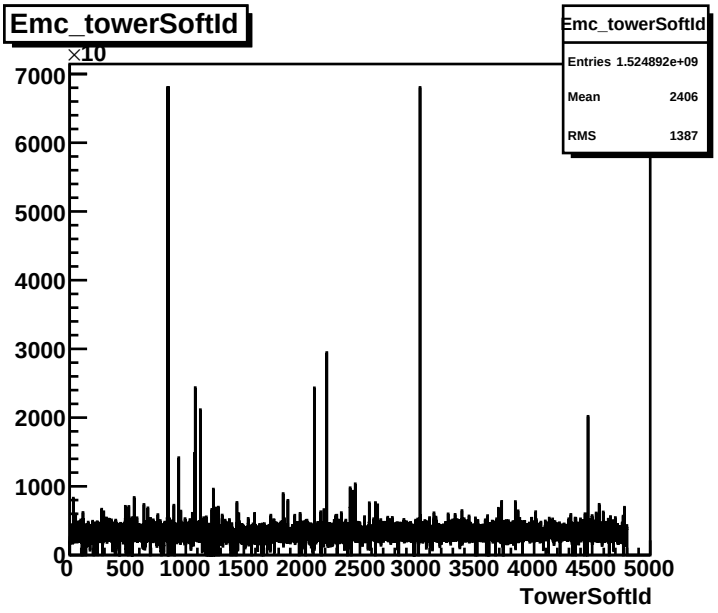

Lm_VertexY
Lm_VertexY
Entries 6990726
Mean -0.03195
RMS 0.1157
LmVertexY

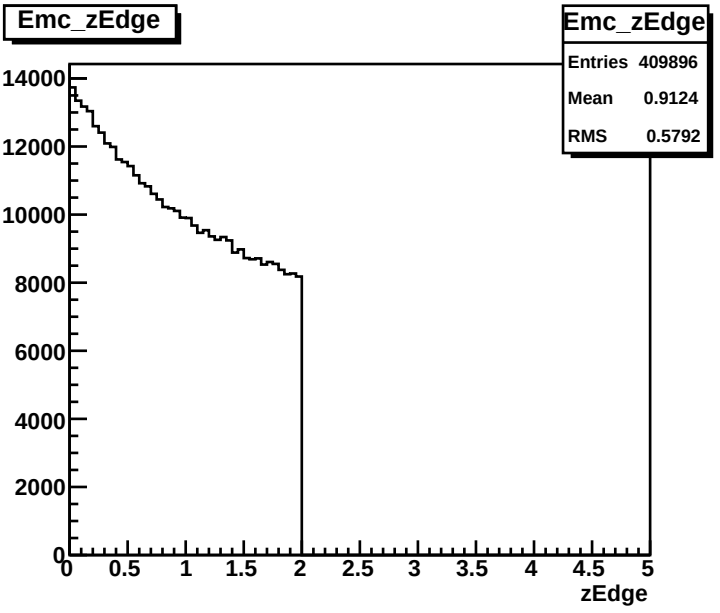

Lm_VertexZ
Lm_VertexZ
Entries 6990726
Mean -0.1417
RMS 42.13
LmVertexZ

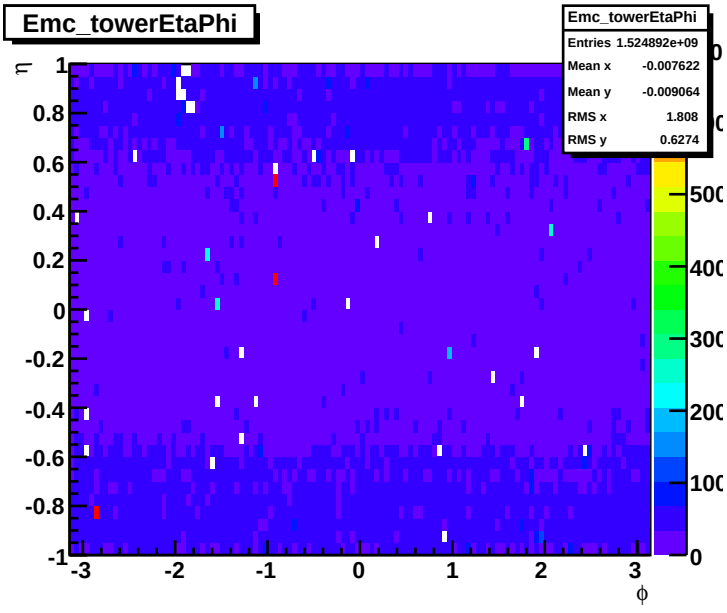

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 3450209
Mean 0.02237
RMS 0.01768
matchPhiDiff

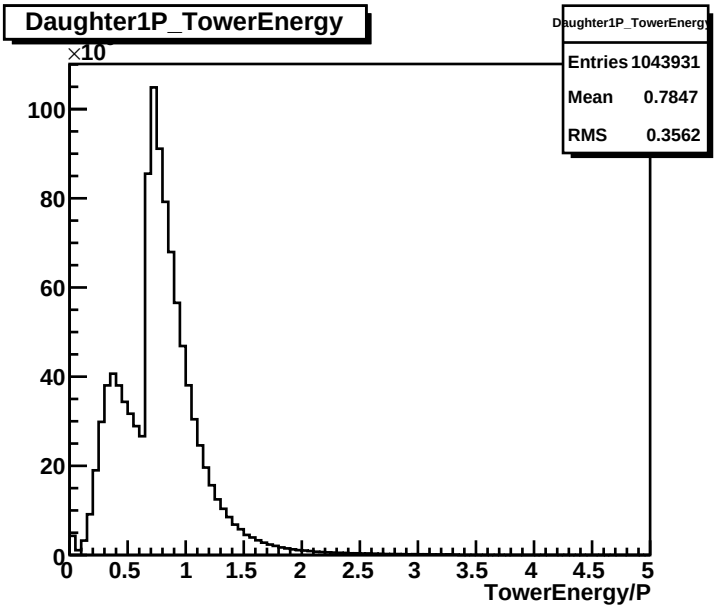

Emc_towerEnergy
Emc_towerEnergy
Entries 1.524892e+09
Mean 0.8286
RMS 0.4252
×10
TowerEnergy

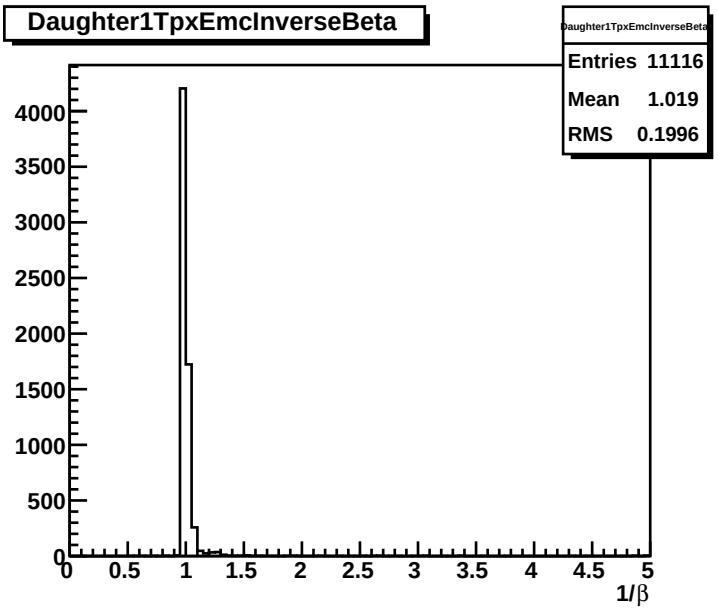

Emc_towerDaqId
Emc_towerDaqId
Entries 1.524892e+09
Mean 2681
RMS 1372
×10
TowerDaqId

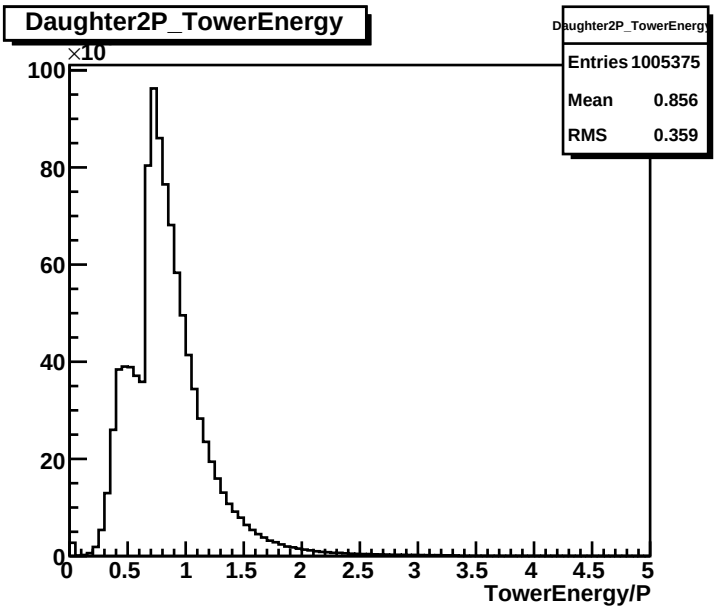

Emc_towerSoftId
Emc_towerSoftId
Entries 1.524892e+09
Mean 2406
RMS 1387
×10
TowerSoftId

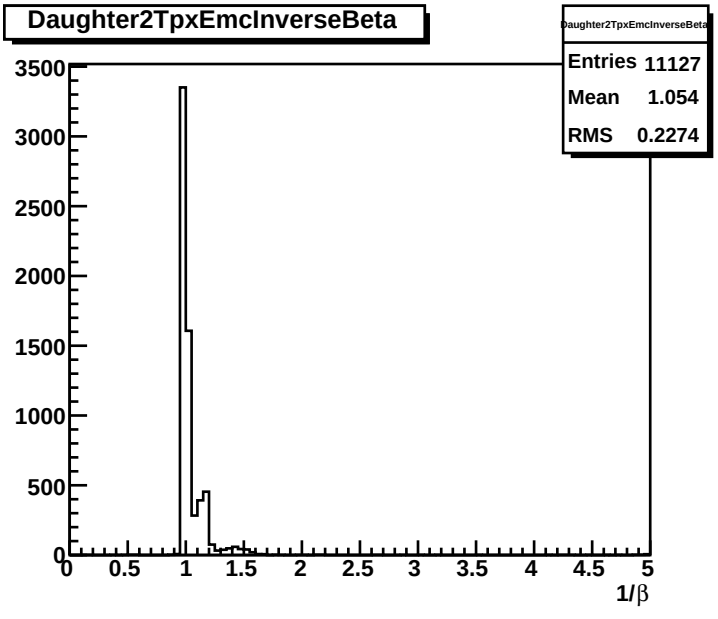

Emc_zEdge
Emc_zEdge
Entries 409896
Mean 0.9124
RMS 0.5792
zEdge

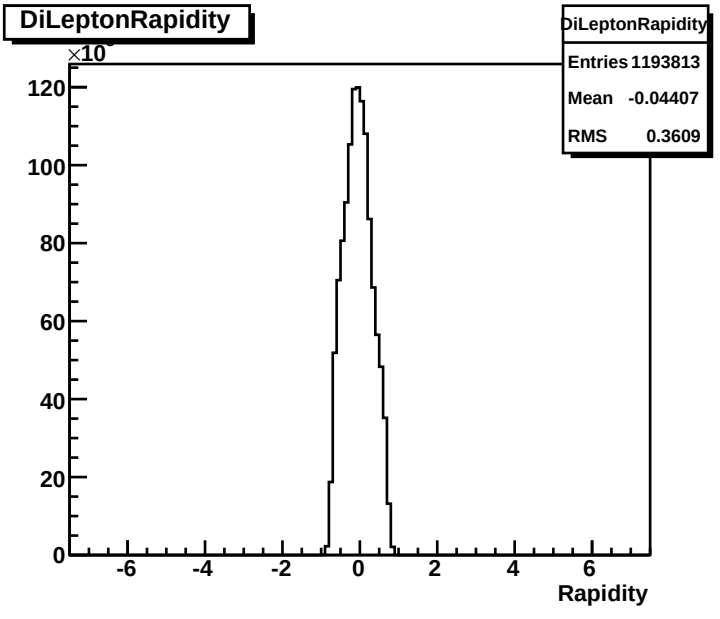

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 1.524892e+09
Mean x -0.007622
Mean y -0.009064
RMS x 1.808
RMS y 0.6274
η
ϕ

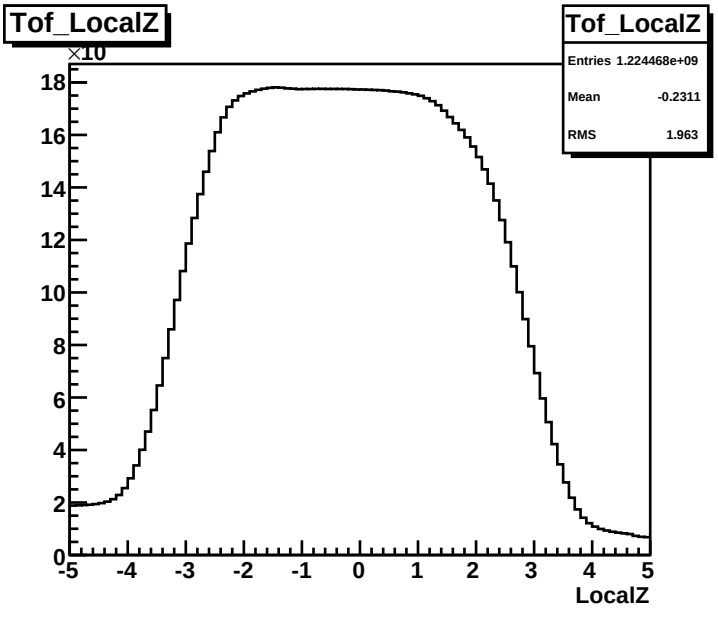

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 1043931
Mean 0.7847
RMS 0.3562
×10
TowerEnergy/P

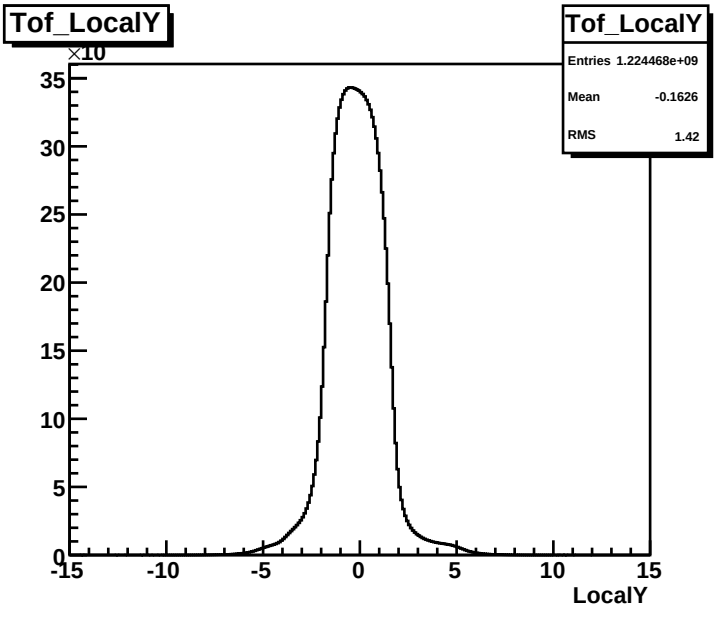

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 11116
Mean 1.019
RMS 0.1996
1/β

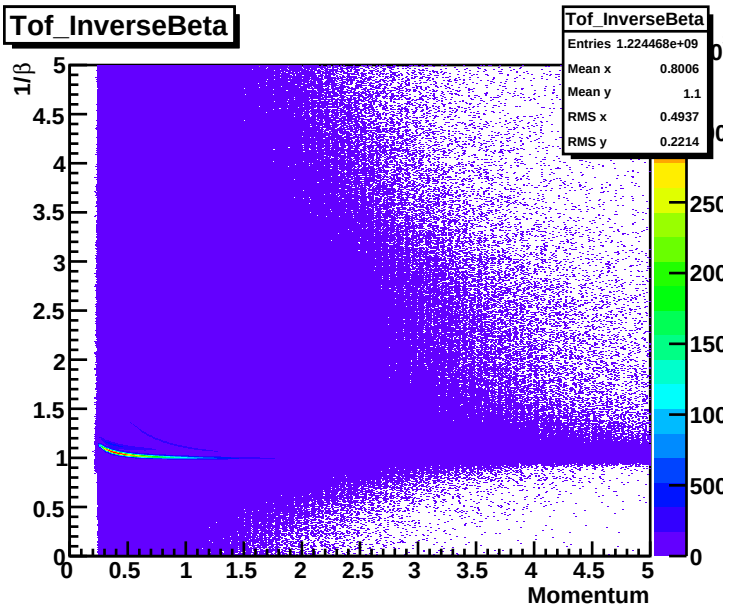

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 1005375
Mean 0.856
RMS 0.359
TowerEnergy/P

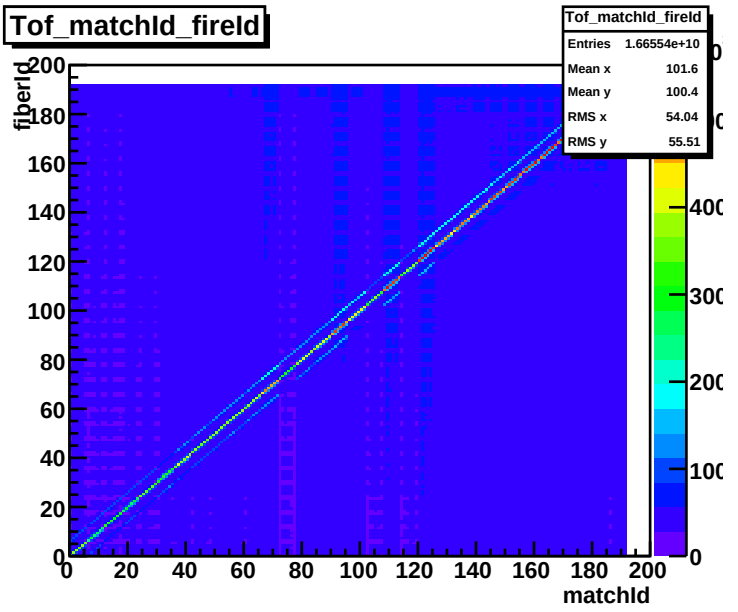

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 11127
Mean 1.054
RMS 0.2274
1/β

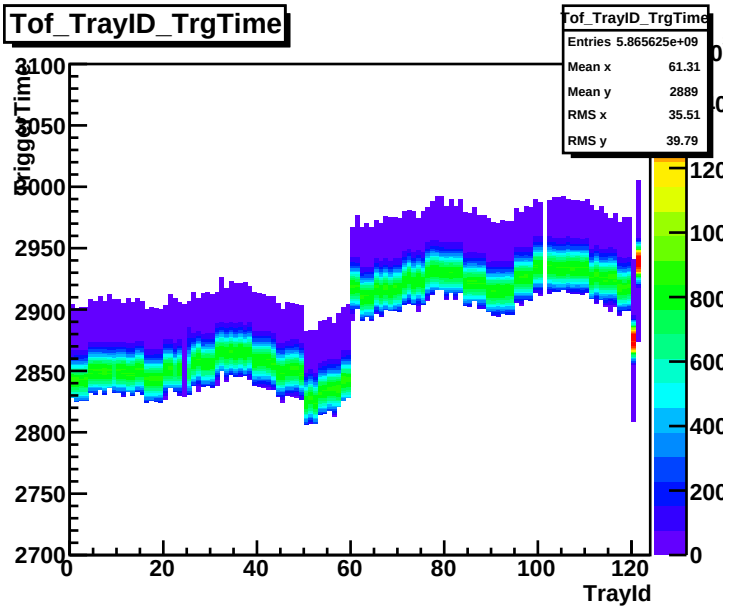

DiLeptonRapidity
DiLeptonRapidity
Entries 1193813
Mean -0.04407
RMS 0.3609
Rapidity

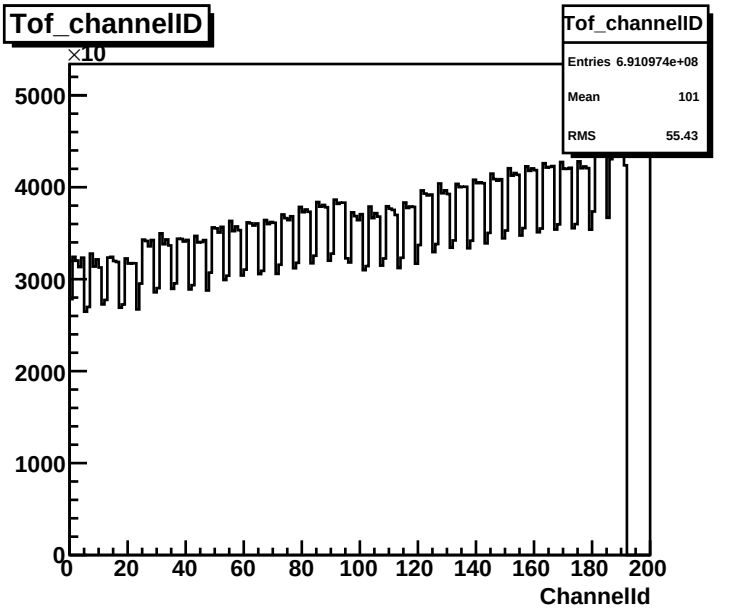

Tof_LocalZ
Tof_LocalZ
Entries 1.224468e+09
Mean -0.2311
RMS 1.963
LocalZ

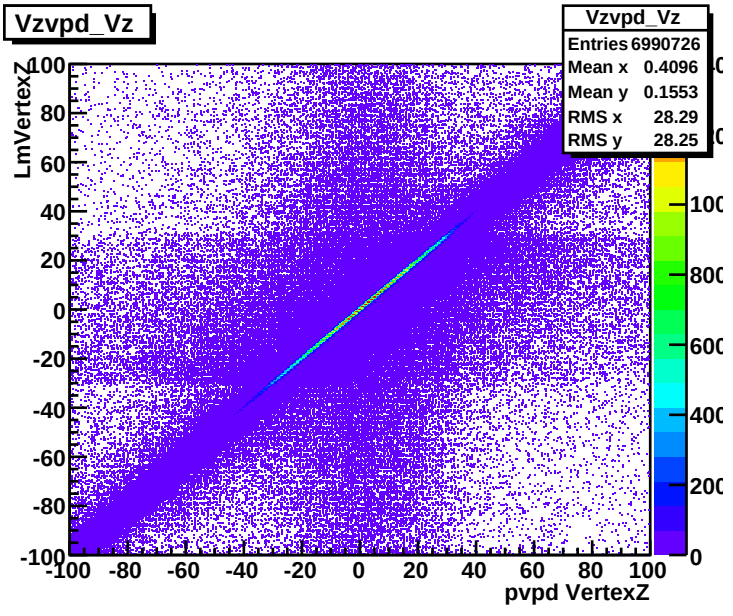

Tof_LocalY
Tof_LocalY
Entries 1.224468e+09
Mean -0.1626
RMS 1.42
LocalY

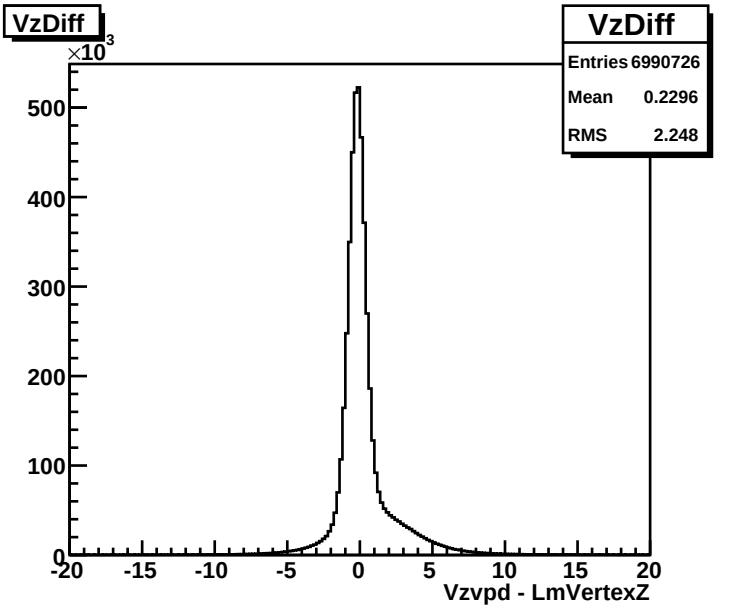

Tof_InverseBeta
Tof_InverseBeta
Entries 1.224468e+09
Mean x 0.8006
Mean y 1.1
RMS x 0.4937
RMS y 0.2214
1/β
Momentum

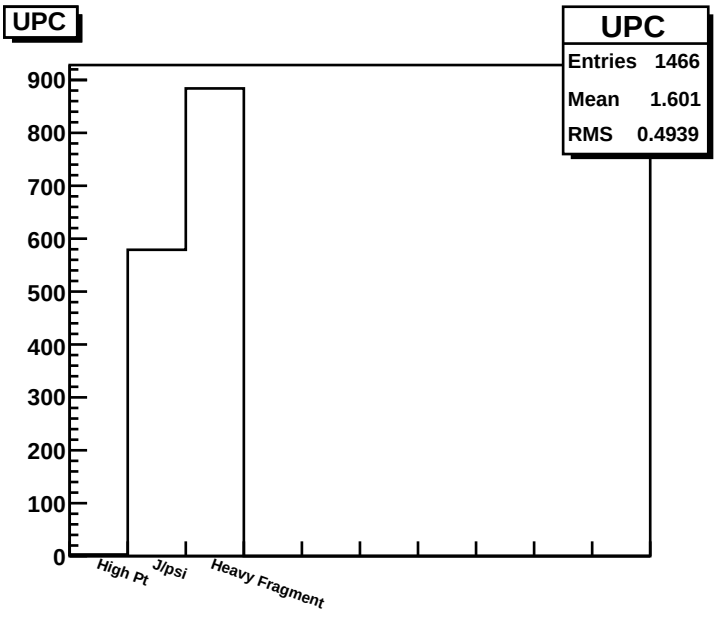

Tof_matchId_fireId
Tof_matchId_fireId
Entries 1.66554e+10
Mean x 101.6
Mean y 100.4
RMS x 54.04
RMS y 55.51
fiberId
matchId

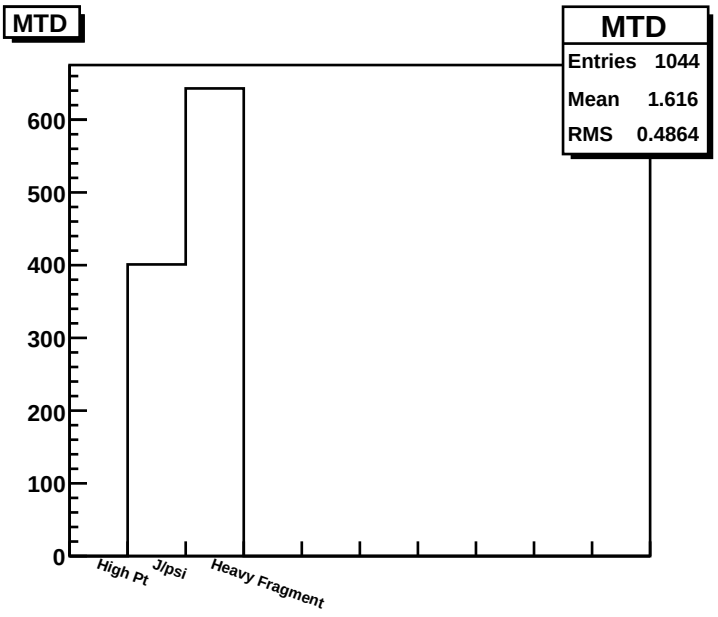

Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 5.865625e+09
Mean x 61.31
Mean y 2889
RMS x 35.51
RMS y 39.79
TriggerTime
TrayId

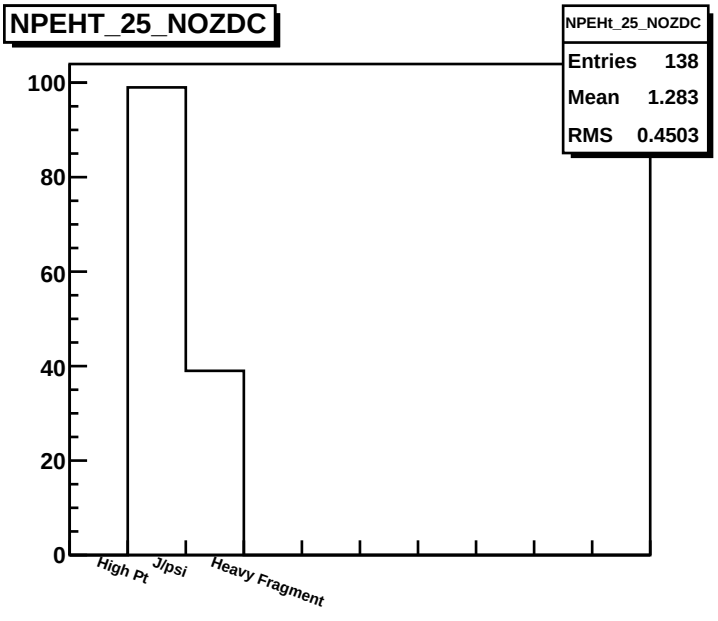

Tof_channelID
Tof_channelID
Entries 6.910974e+08
Mean 101
RMS 55.43
ChannelId

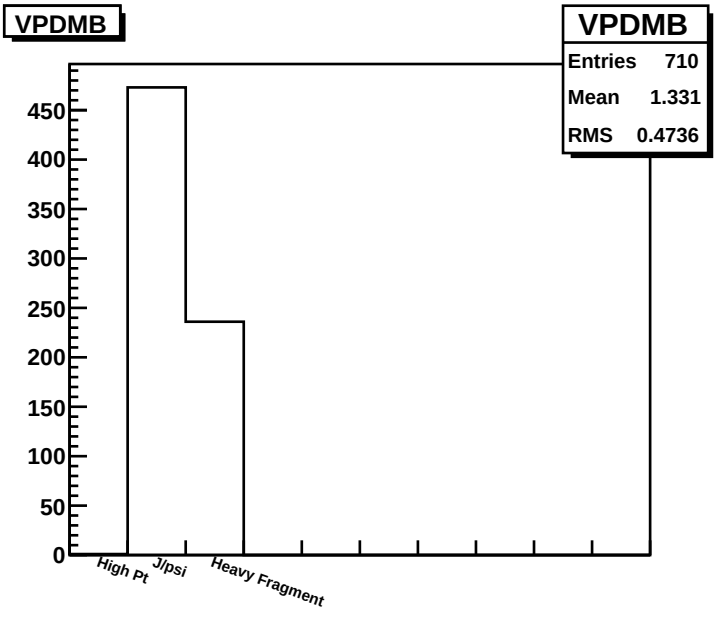

Vzvpd_Vz
Vzvpd_Vz
Entries 6990726
Mean x 0.4096
Mean y 0.1553
RMS x 28.29
RMS y 28.25
LmVertexZ
pvpd VertexZ

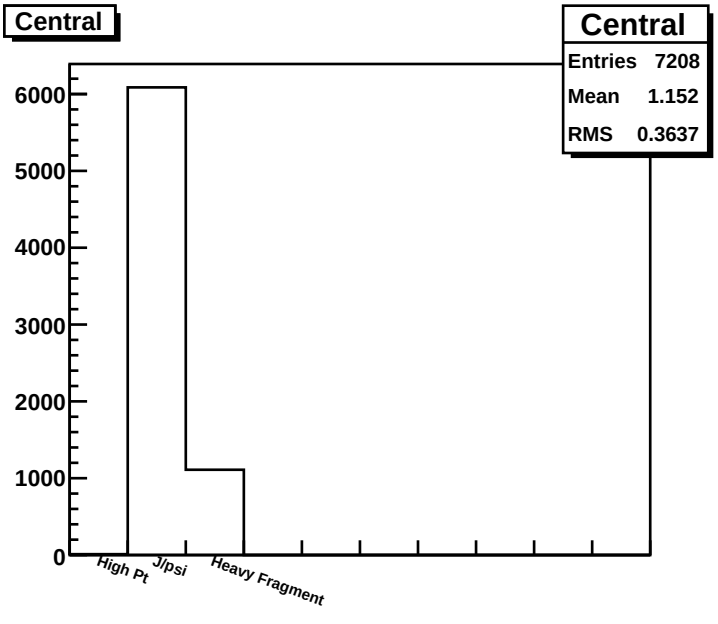

VzDiff
VzDiff
Entries 6990726
Mean 0.2296
RMS 2.248
Vzvpd - LmVertexZ

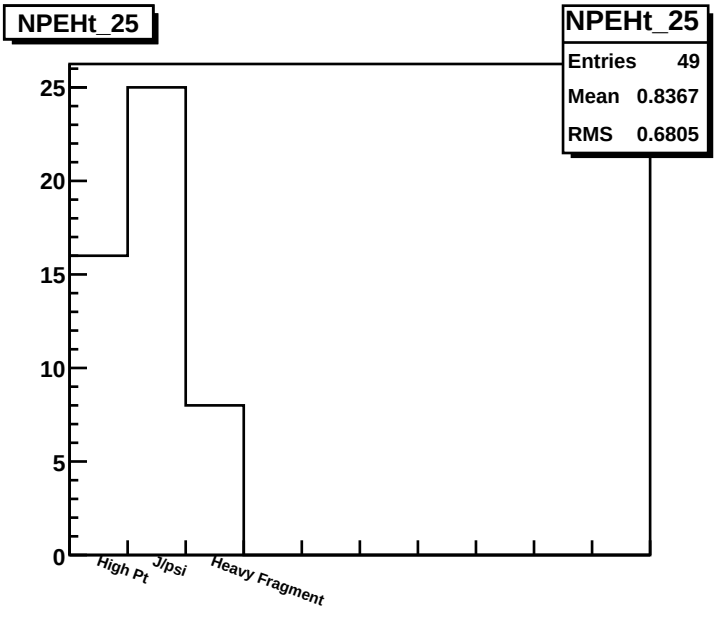

UPC
UPC
Entries 1466
Mean 1.601
RMS 0.4939
900
800
700
600
500
400
300
200
100
0
High Pt
J/psi
Heavy Fragment

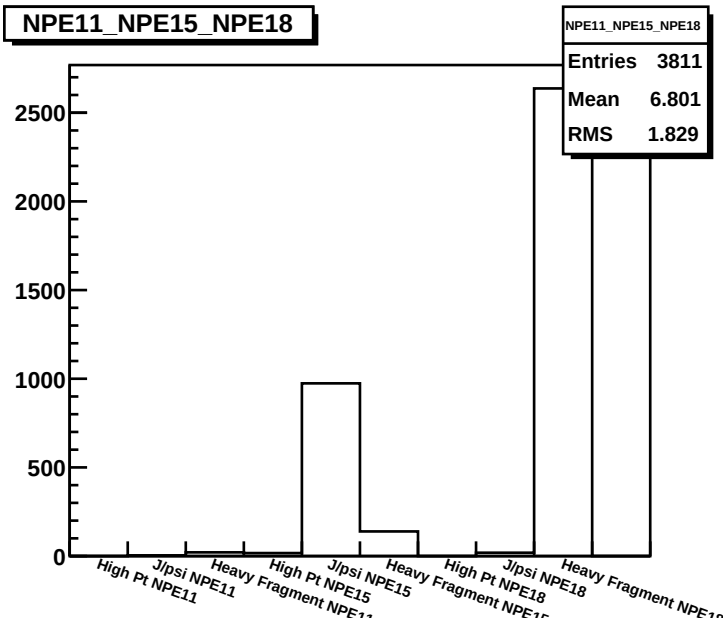

MTD
MTD
Entries 1044
Mean 1.616
RMS 0.4864
600
500
400
300
200
100
0
High Pt
J/psi
Heavy Fragment

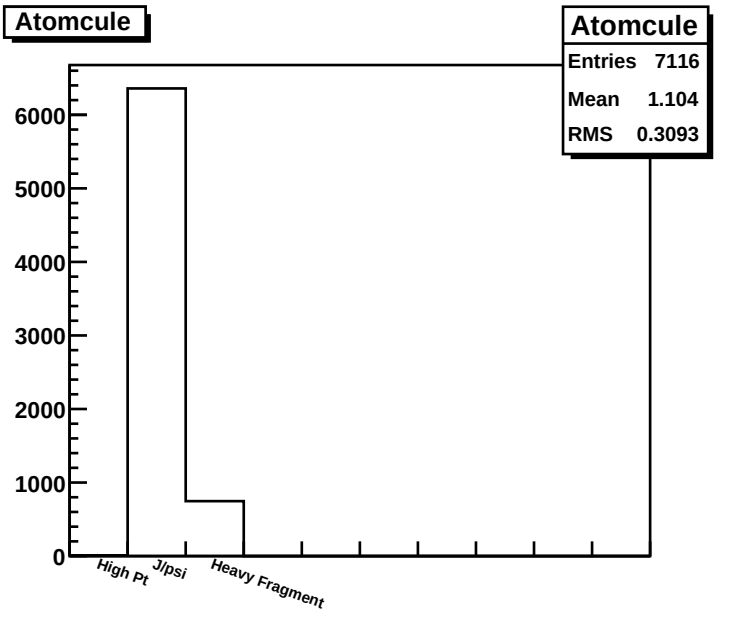

NPEHT_25_NOZDC
NPEHt_25_NOZDC
Entries 138
Mean 1.283
RMS 0.4503
100
80
60
40
20
0
High Pt
J/psi
Heavy Fragment

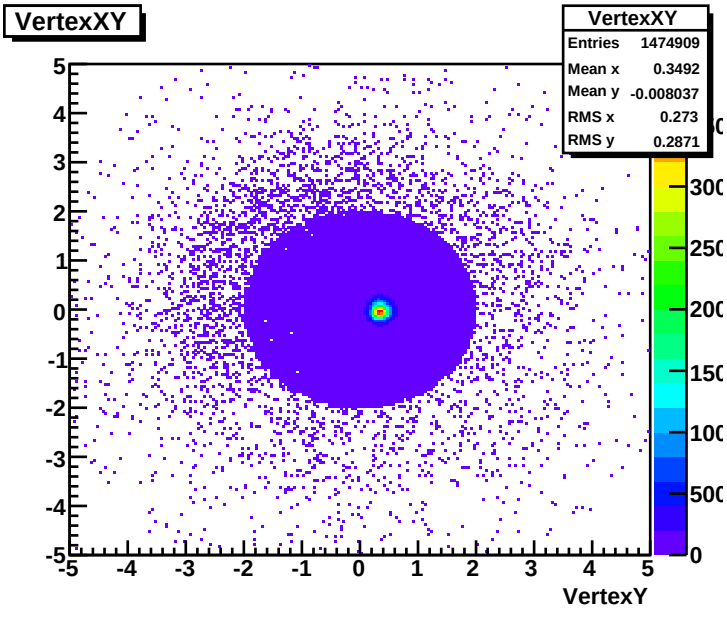

VPDMB
VPDMB
Entries 710
Mean 1.331
RMS 0.4736
450
400
350
300
250
200
150
100
50
0
High Pt
J/psi
Heavy Fragment

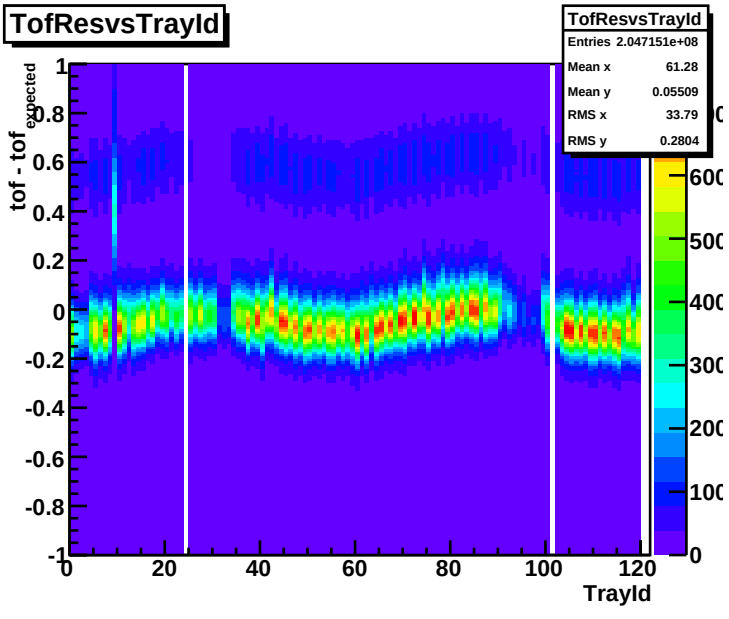

Central
Central
Entries 7208
Mean 1.152
RMS 0.3637
6000
5000
4000
3000
2000
1000
0
High Pt
J/psi
Heavy Fragment

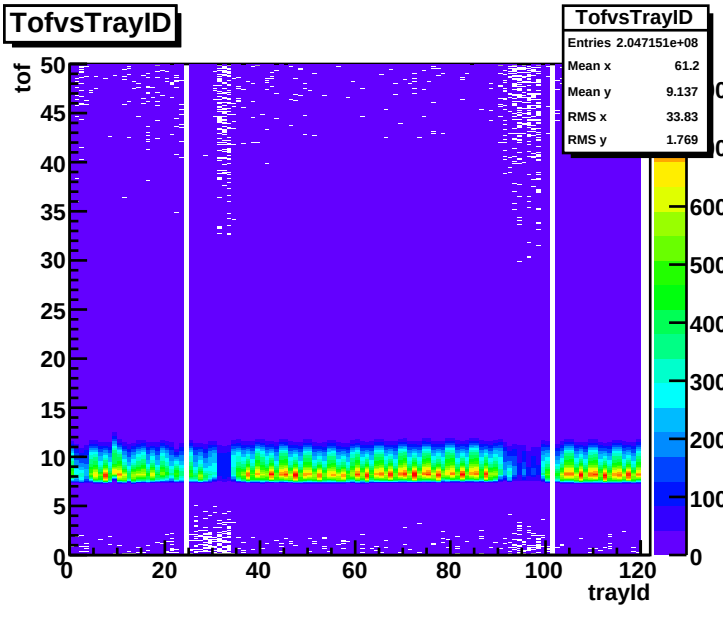

NPEHt_25
NPEHt_25
Entries 49
Mean 0.8367
RMS 0.6805
25
20
15
10
5
0
High Pt
J/psi
Heavy Fragment

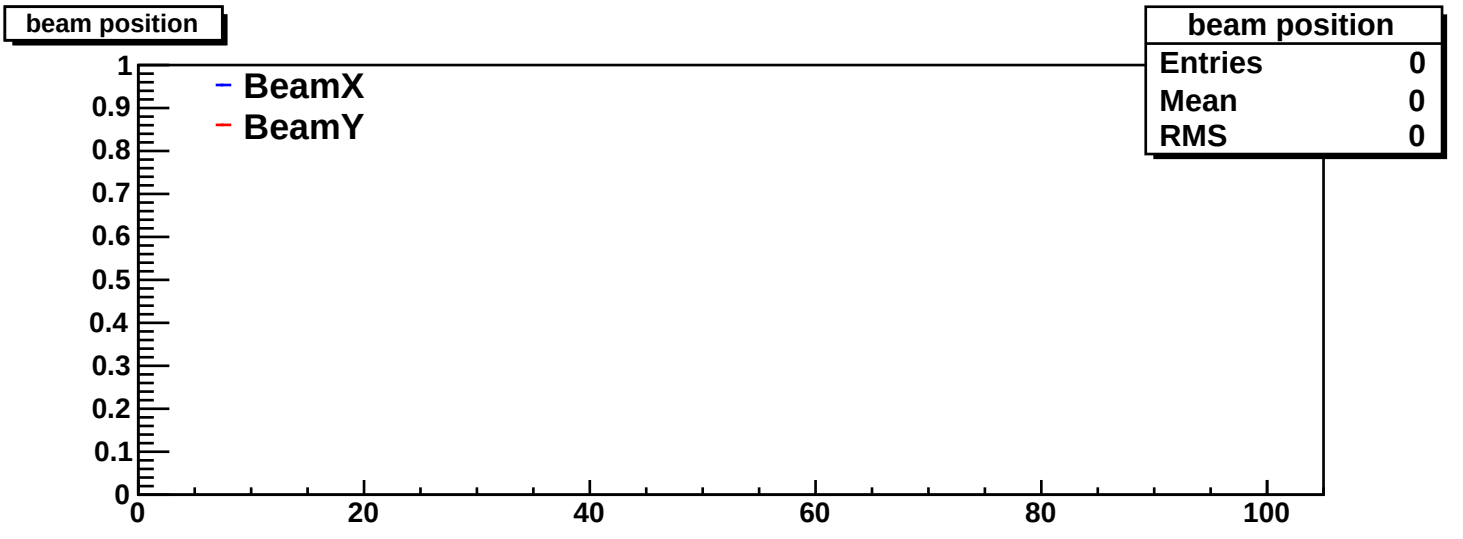

NPE11_NPE15_NPE18
NPE11_NPE15_NPE18
Entries 3811
Mean 6.801
RMS 1.829
2500
2000
1500
1000
500
0
High Pt NPE11
J/psi NPE11
Heavy Fragment NPE11
High Pt NPE15
J/psi NPE15
Heavy Fragment NPE15
High Pt NPE18
J/psi NPE18
Heavy Fragment NPE18

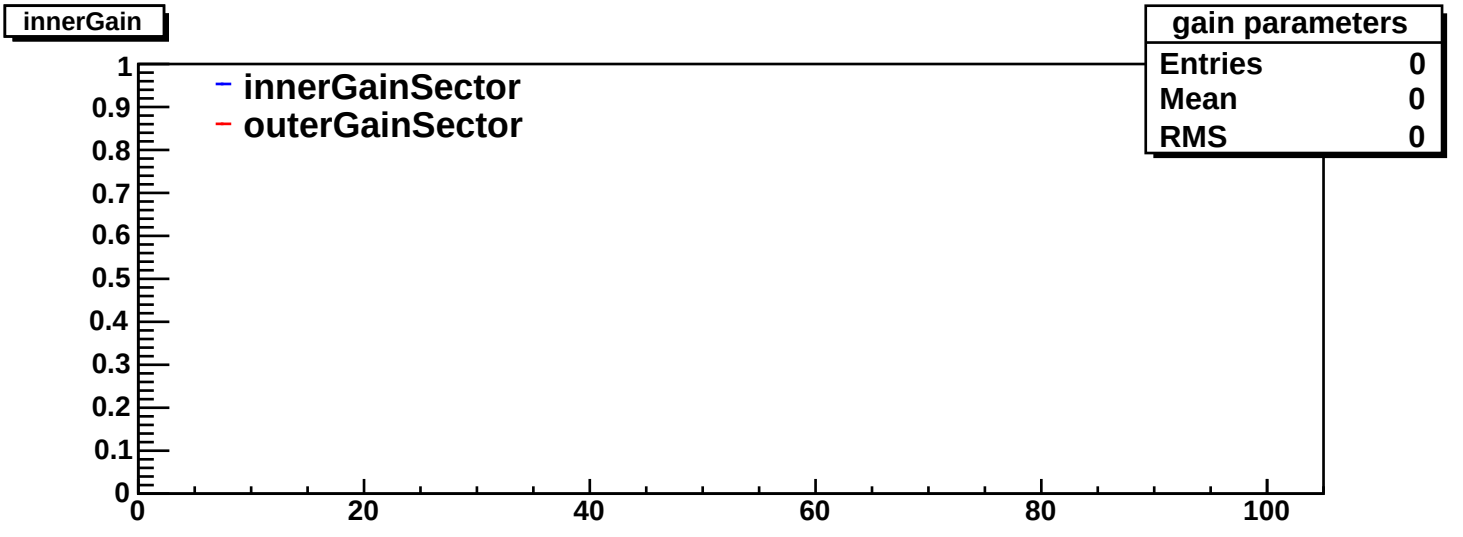

Atomcule
Atomcule
Entries 7116
Mean 1.104
RMS 0.3093
6000
5000
4000
3000
2000
1000
0
High Pt
J/psi
Heavy Fragment

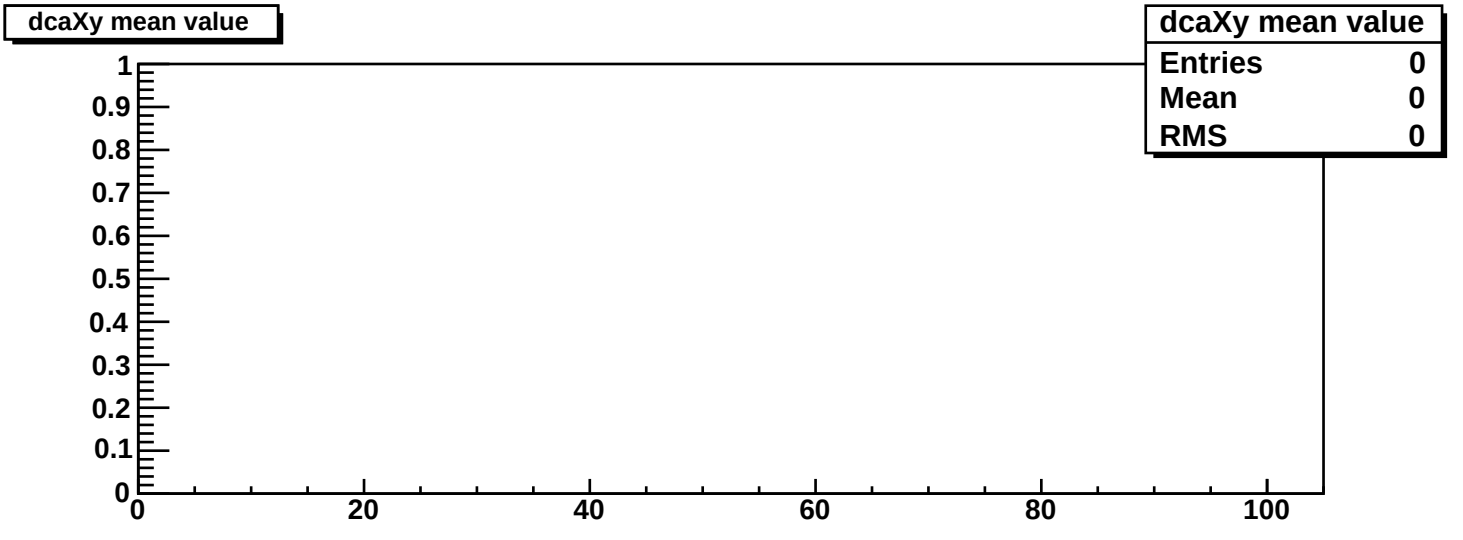

VertexXY
VertexXY
Entries 1474909
Mean x 0.3492
Mean y -0.008037
RMS x 0.273
RMS y 0.2871
VertexY


TofResvsTrayId
TofResvsTrayId
Entries 2.047151e+08
Mean x 61.28
Mean y 0.05509
RMS x 33.79
RMS y 0.2804
tof - tof expected
TrayId


TofvsTrayID
TofvsTrayID
Entries 2.047151e+08
Mean x 61.2
Mean y 9.137
RMS x 33.83
RMS y 1.769
tof
trayId


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