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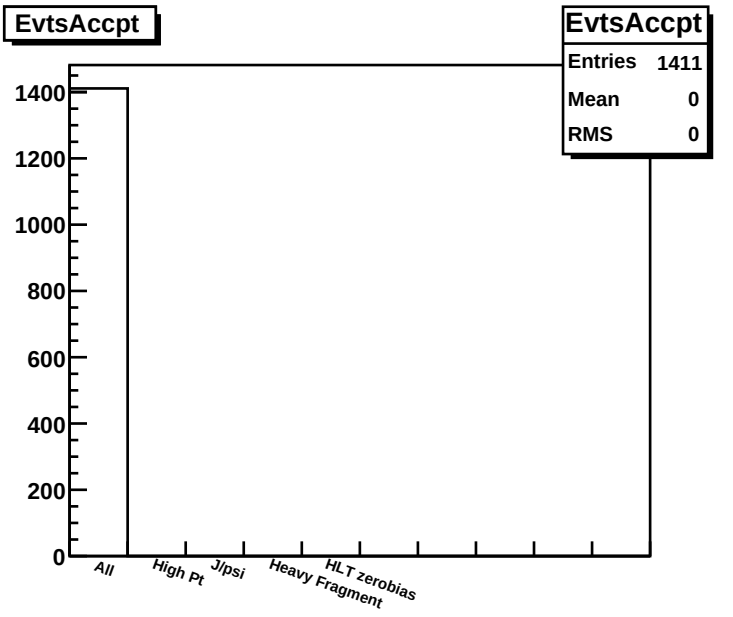
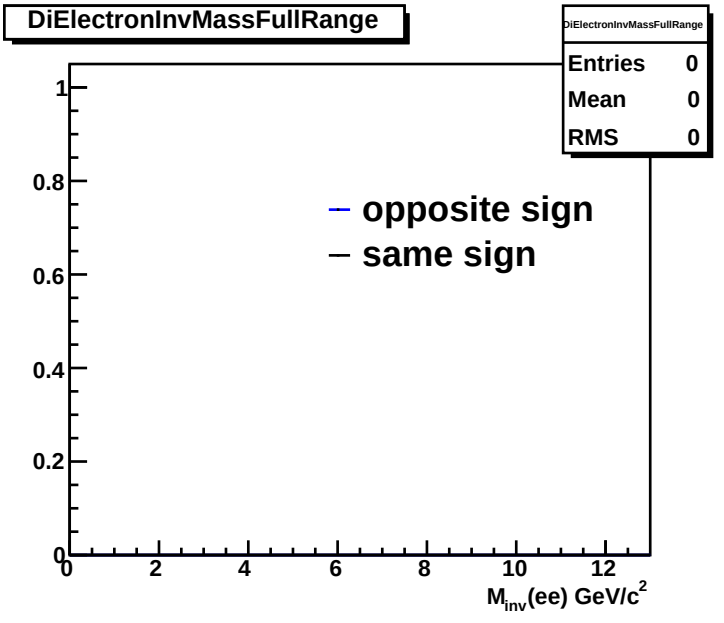
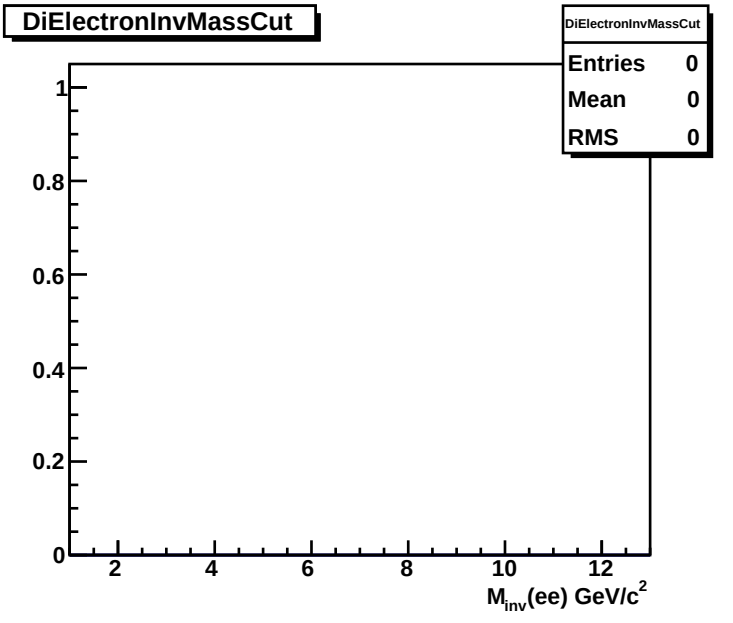
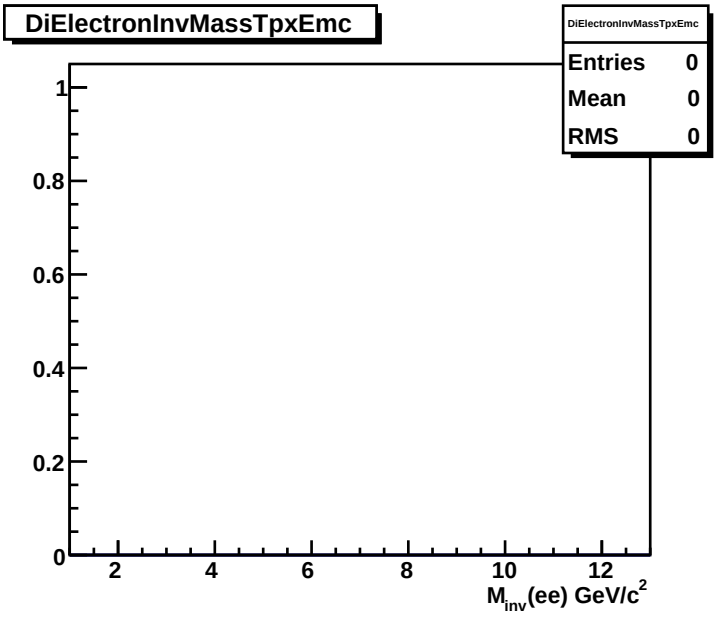
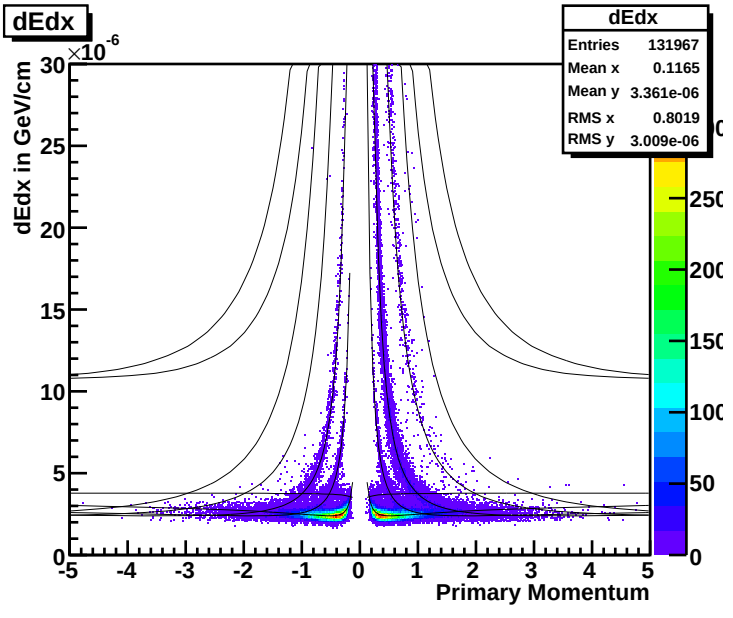
Thu Jun 23 08:46:21 2011

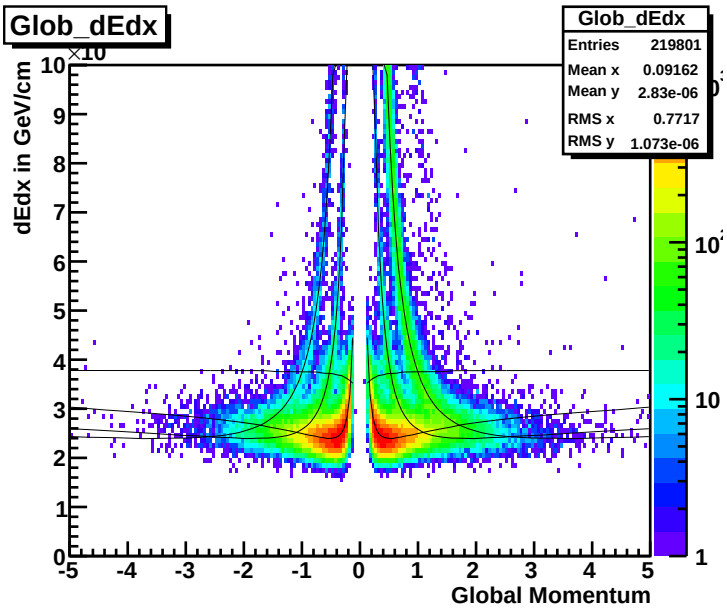


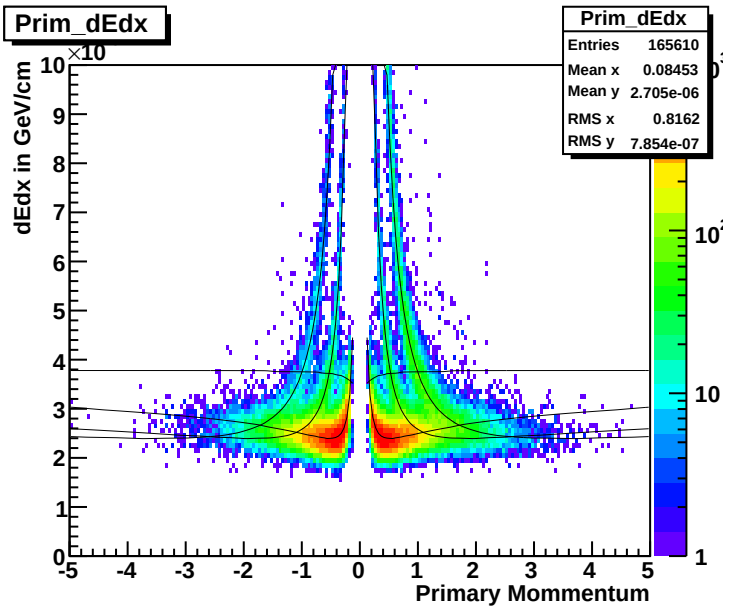


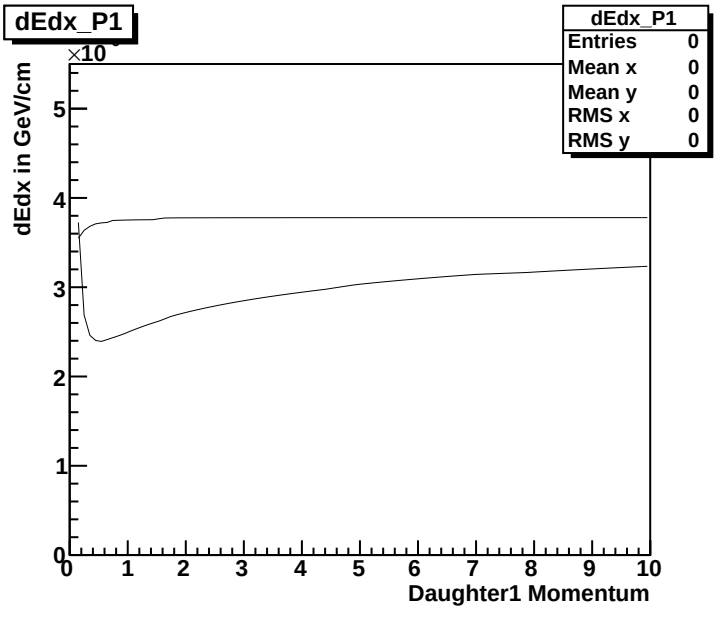


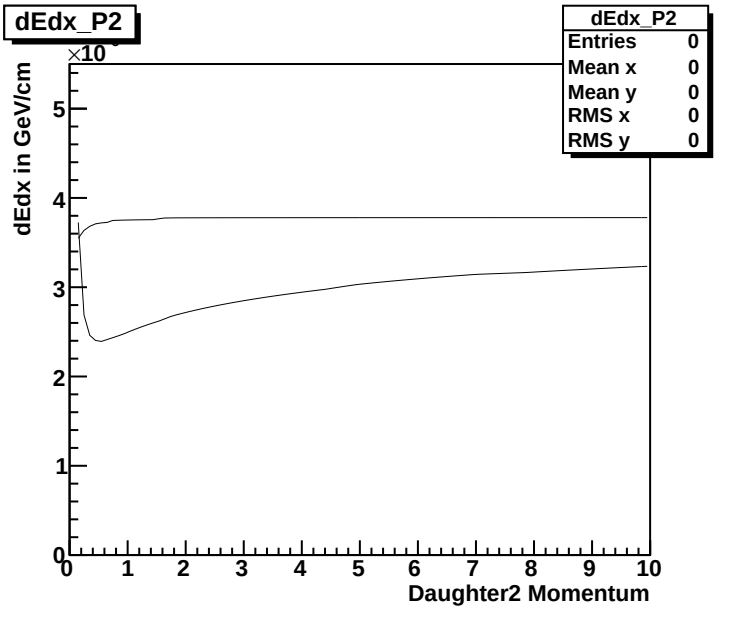


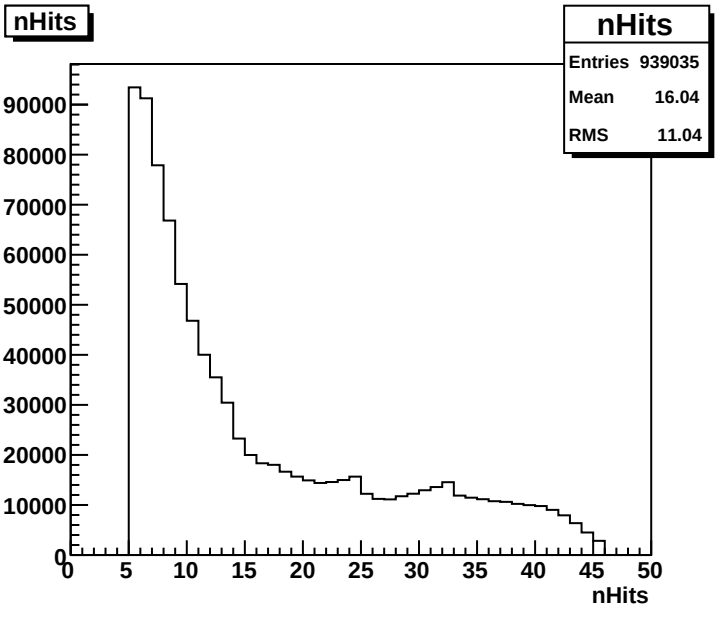


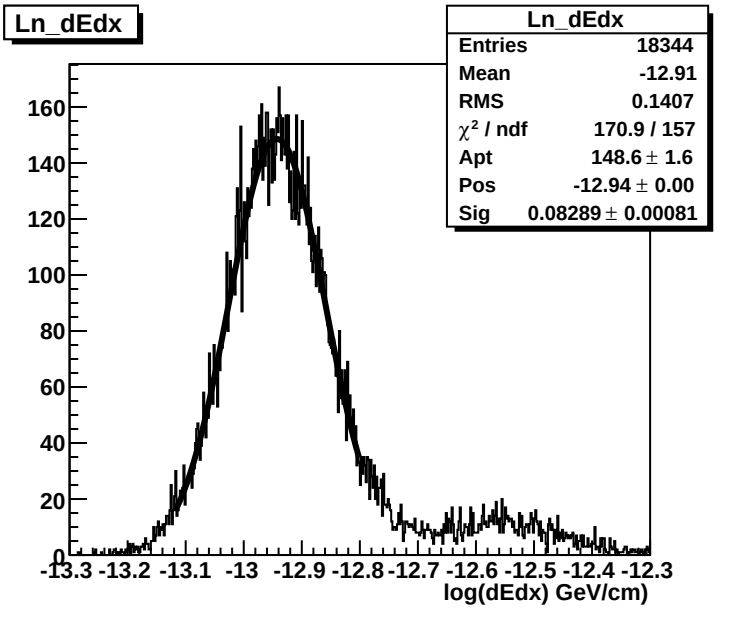

Glob_dEdx
Entries 219801
Mean x 0.09162
Mean y 2.83e-06
RMS x 0.7717
RMS y 1.073e-06
dEdx in GeV/cm
Global Momentum

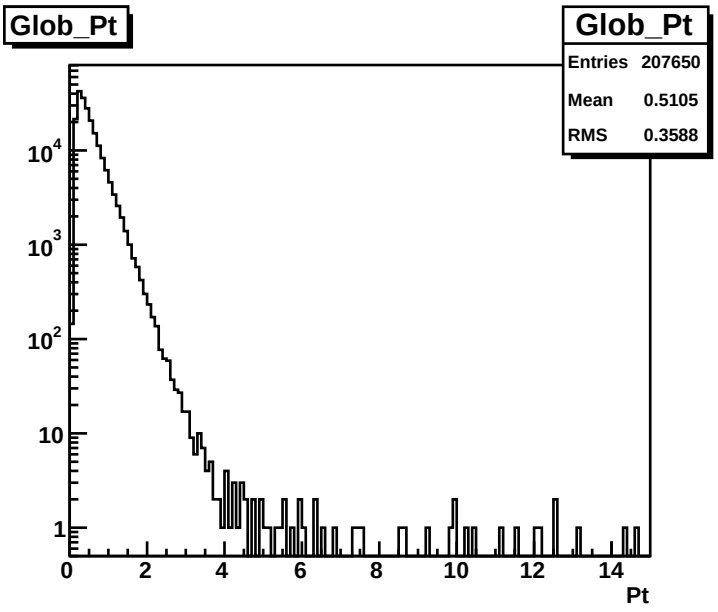

Prim_dEdx
Entries 165610
Mean x 0.08453
Mean y 2.705e-06
RMS x 0.8162
RMS y 7.854e-07
dEdx in GeV/cm
Primary Mommentum

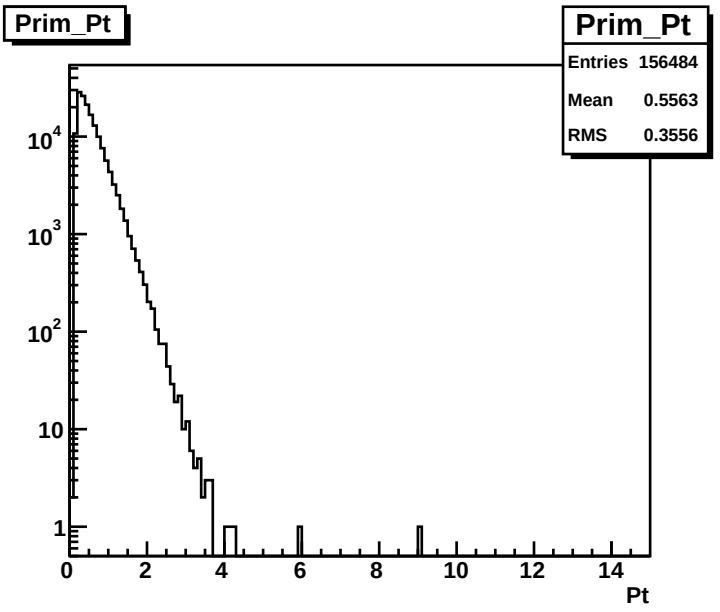

dEdx_P1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter1 Momentum

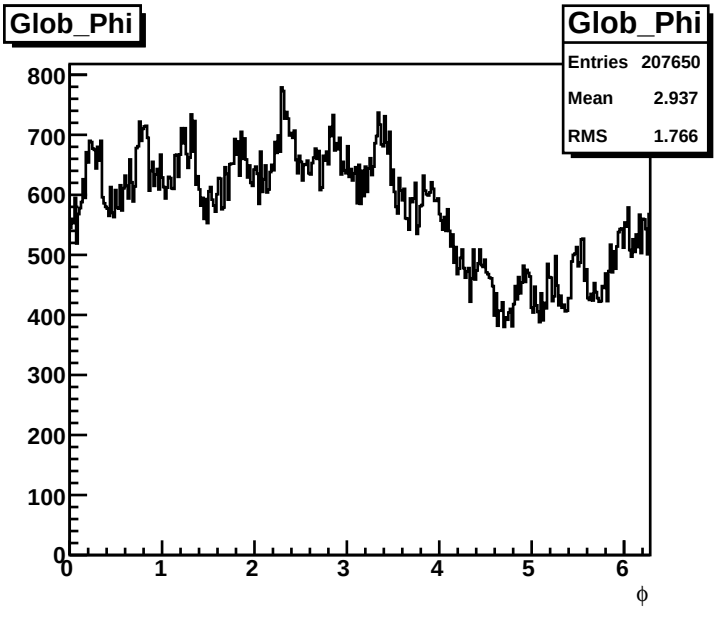

dEdx_P2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
dEdx in GeV/cm
Daughter2 Momentum

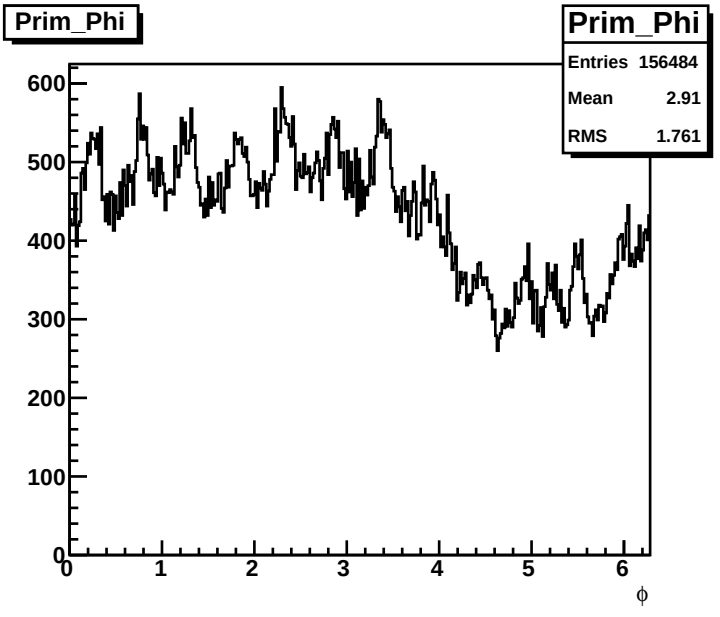

nHits
Entries 939035
Mean 16.04
RMS 11.04
nHits

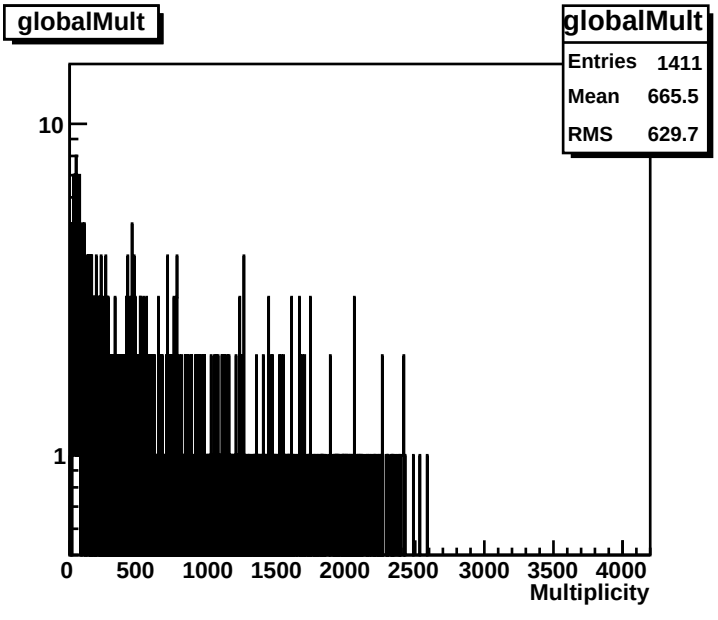

Ln_dEdx
Entries 18344
Mean -12.91
RMS 0.1407
χ² / ndf 170.9 / 157
Apt 148.6 ± 1.6
Pos -12.94 ± 0.00
Sig 0.08289 ± 0.00081
log(dEdx) GeV/cm)

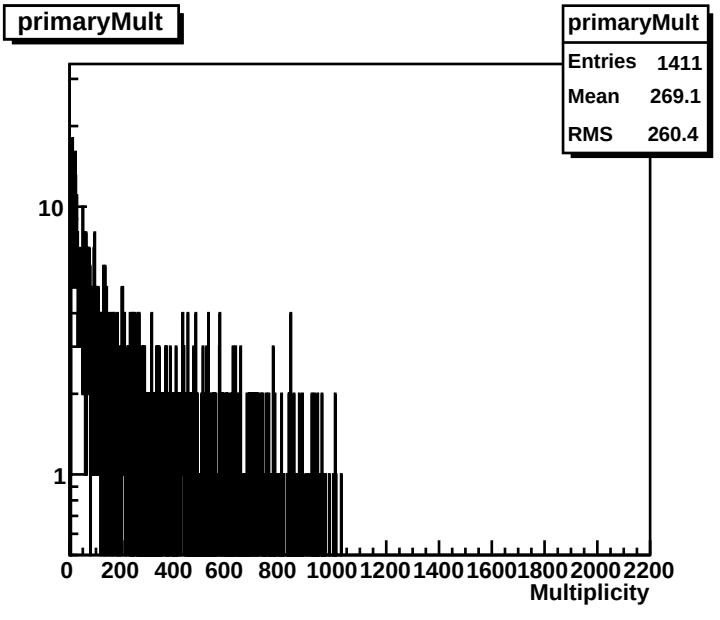

Glob_Pt
Glob_Pt
Entries 207650
Mean 0.5105
RMS 0.3588
Pt

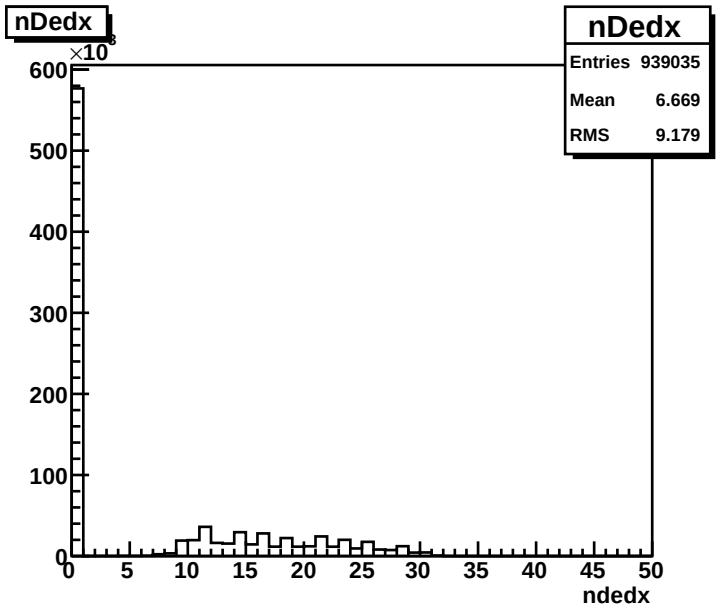

Prim_Pt
Prim_Pt
Entries 156484
Mean 0.5563
RMS 0.3556
Pt

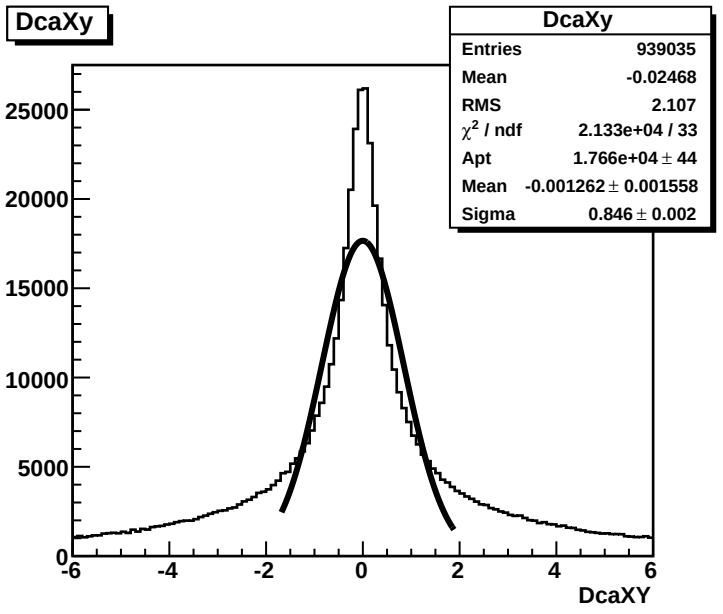

Glob_Phi
Glob_Phi
Entries 207650
Mean 2.937
RMS 1.766
ϕ

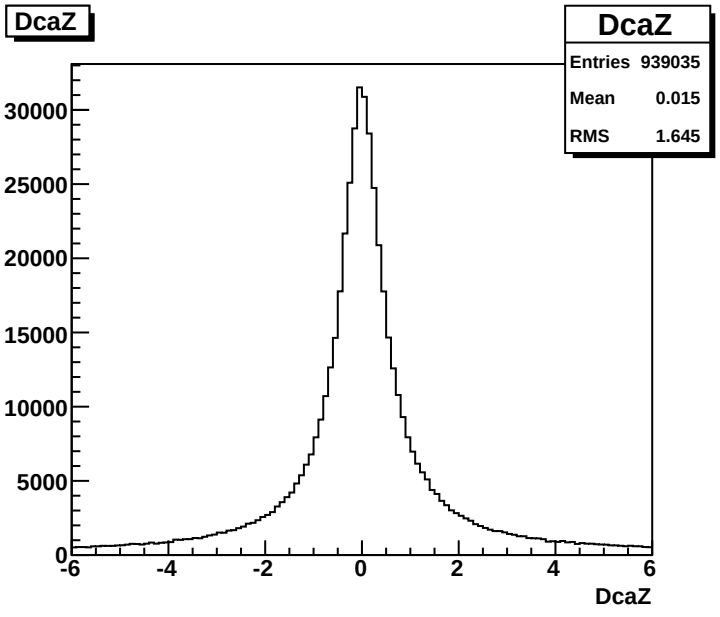

Prim_Phi
Prim_Phi
Entries 156484
Mean 2.91
RMS 1.761
ϕ

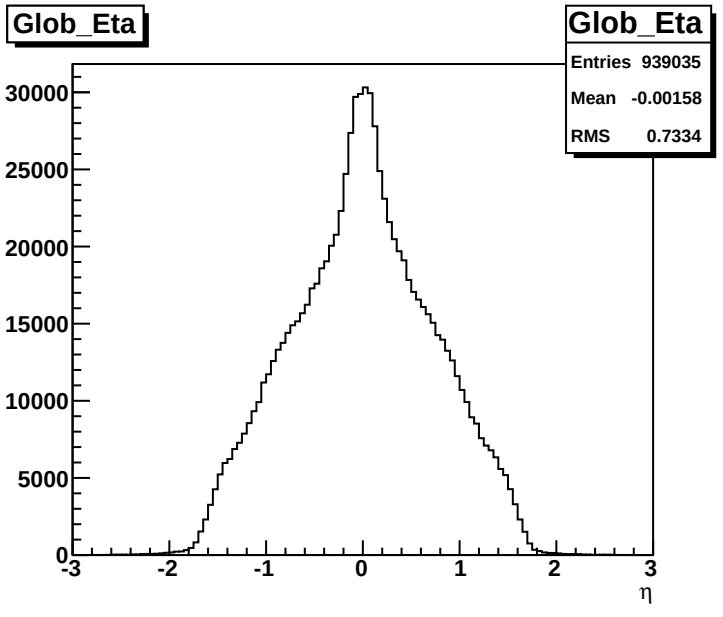

globalMult
globalMult
Entries 1411
Mean 665.5
RMS 629.7
Multiplicity

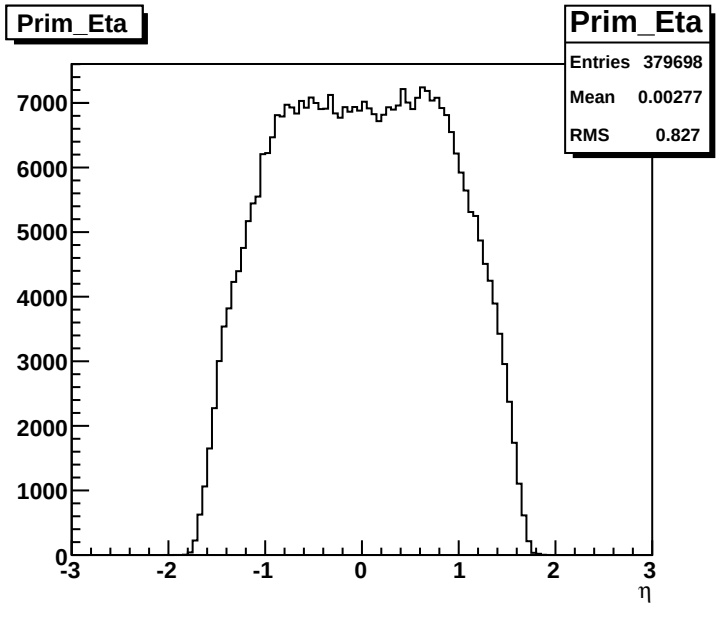

primaryMult
primaryMult
Entries 1411
Mean 269.1
RMS 260.4
Multiplicity

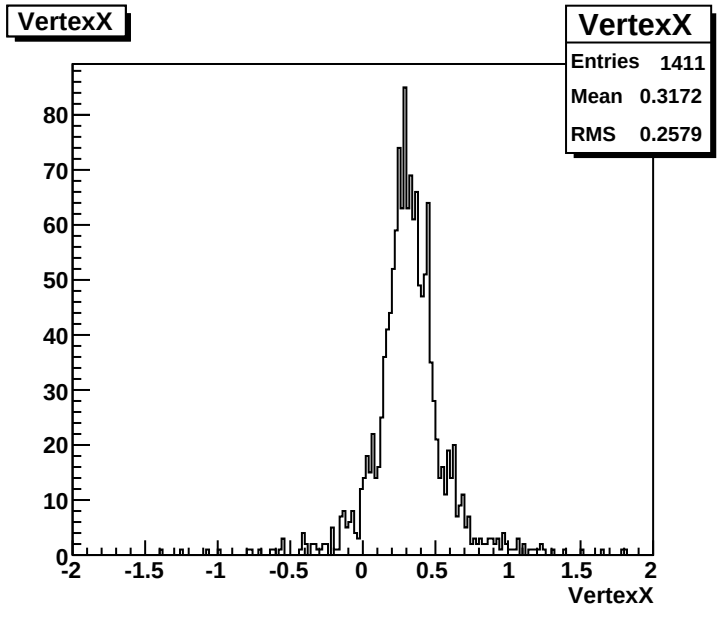

nDedx
nDedx
Entries 939035
Mean 6.669
RMS 9.179
×10³
ndedx

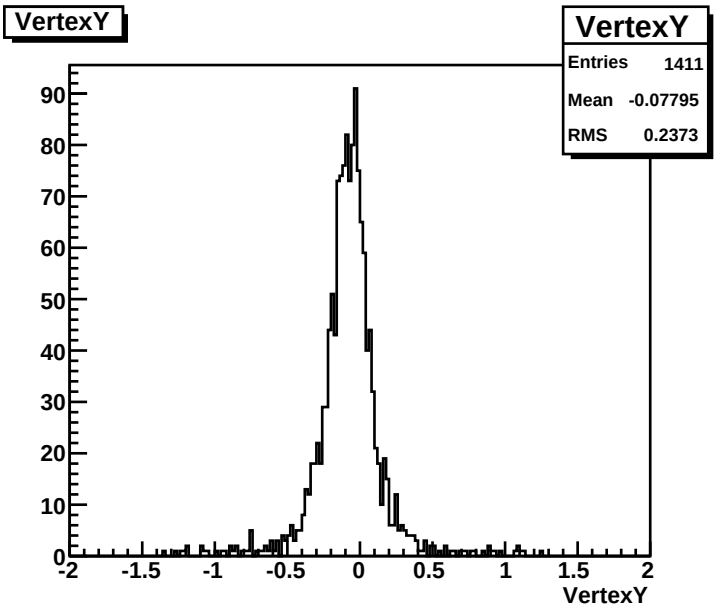

DcaXy
DcaXy
Entries 939035
Mean -0.02468
RMS 2.107
χ² / ndf 2.133e+04 / 33
Apt 1.766e+04 ± 44
Mean -0.001262 ± 0.001558
Sigma 0.846 ± 0.002
DcaXY

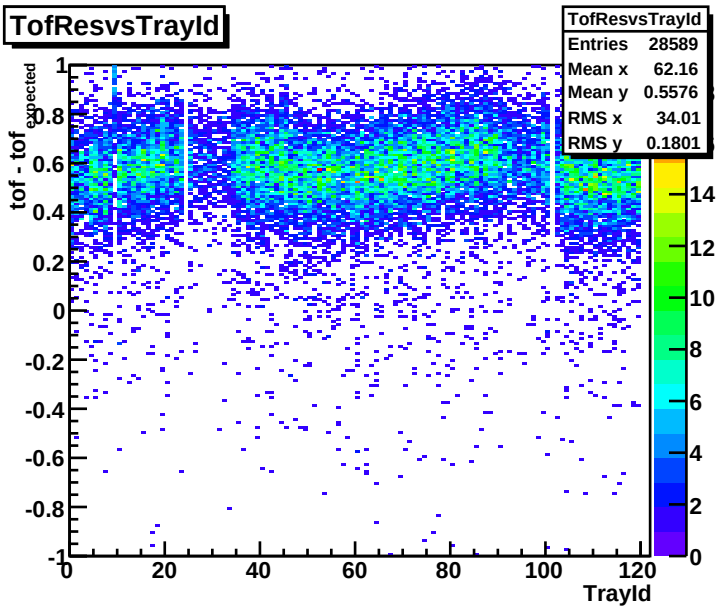

DcaZ
DcaZ
Entries 939035
Mean 0.015
RMS 1.645
DcaZ

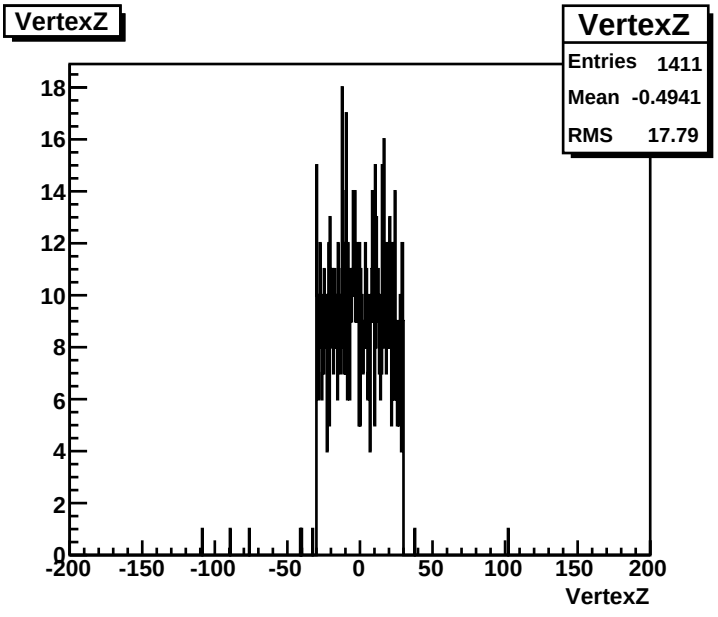

Glob_Eta
Glob_Eta
Entries 939035
Mean -0.00158
RMS 0.7334
η

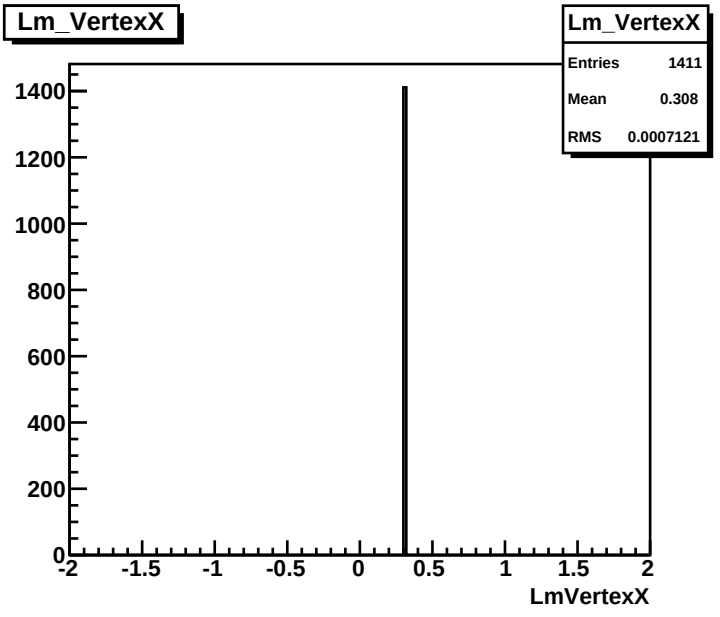

Prim_Eta
Prim_Eta
Entries 379698
Mean 0.00277
RMS 0.827
η

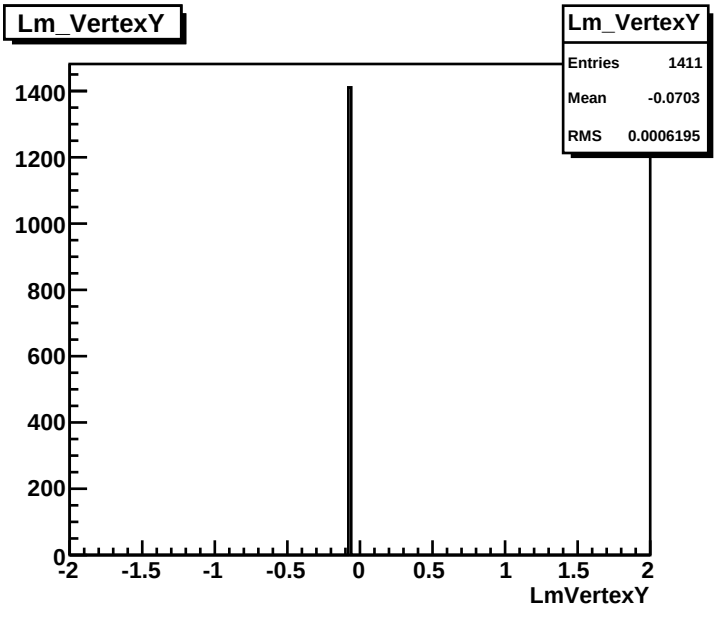

VertexX
VertexX
Entries 1411
Mean 0.3172
RMS 0.2579
VertexX

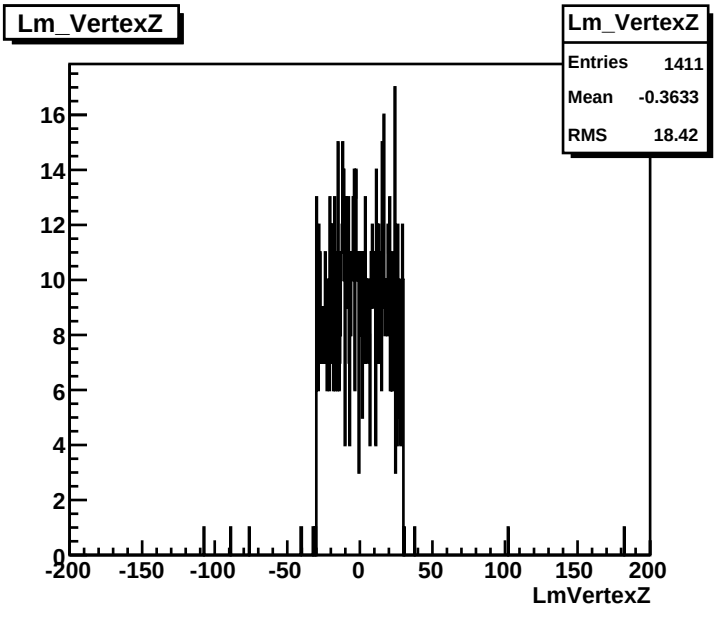

VertexY
VertexY
Entries 1411
Mean -0.07795
RMS 0.2373
VertexY

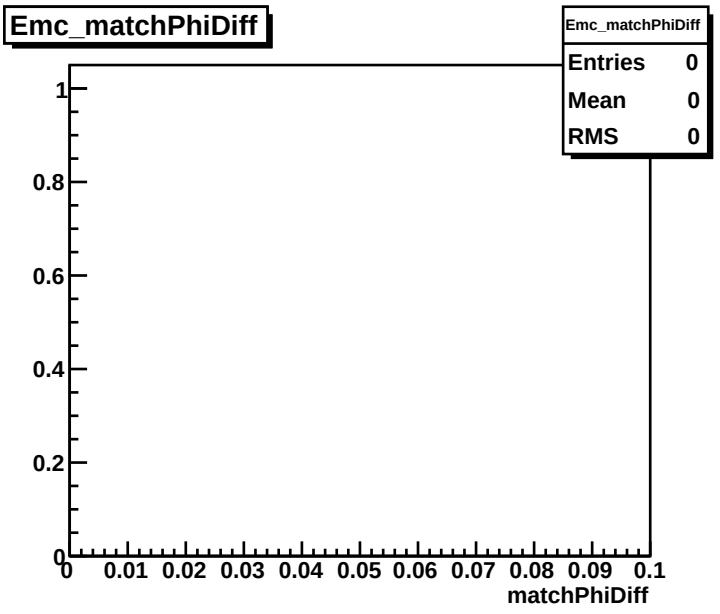

TofResvsTrayId
TofResvsTrayId
Entries 28589
Mean x 62.16
Mean y 0.5576
RMS x 34.01
RMS y 0.1801
tof - tof expected
TrayId

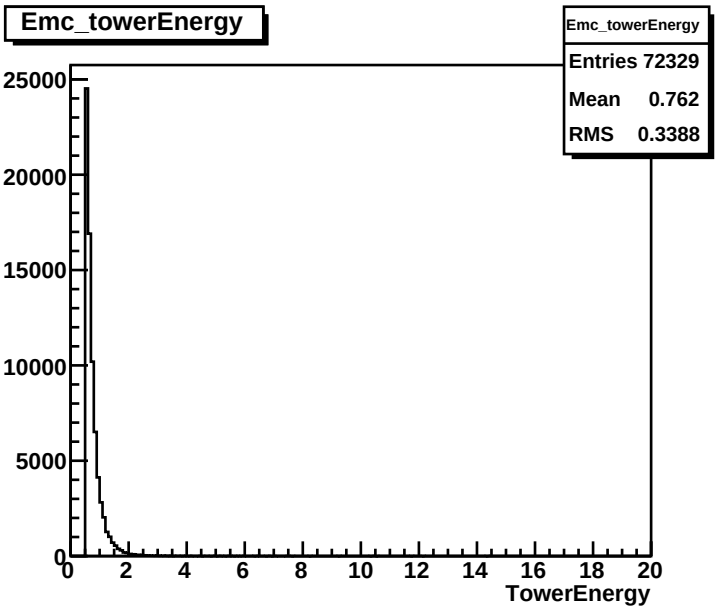

VertexZ
VertexZ
Entries 1411
Mean -0.4941
RMS 17.79
VertexZ

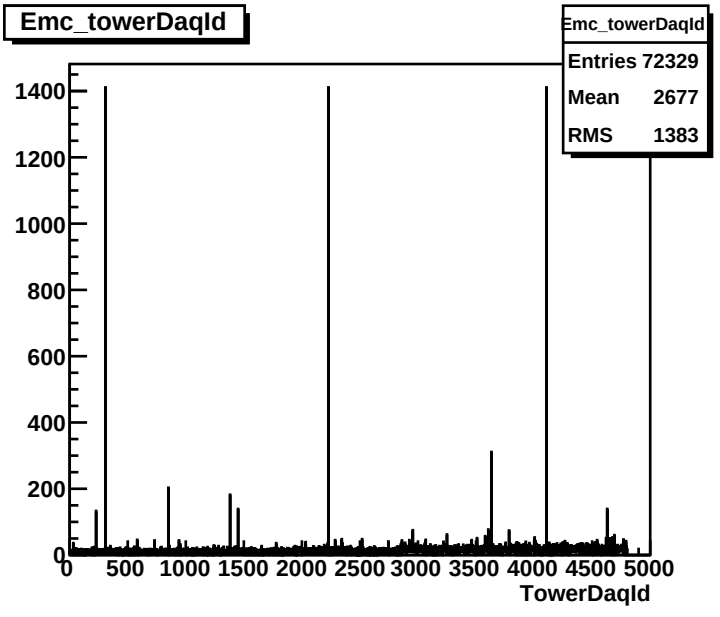

Lm_VertexX
Lm_VertexX
Entries 1411
Mean 0.308
RMS 0.0007121
LmVertexX

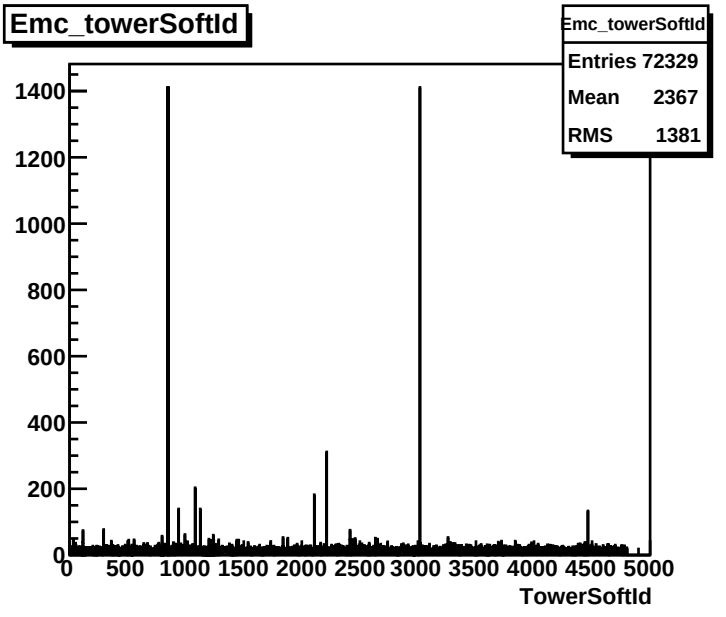

Lm_VertexY
Lm_VertexY
Entries 1411
Mean -0.0703
RMS 0.0006195
LmVertexY

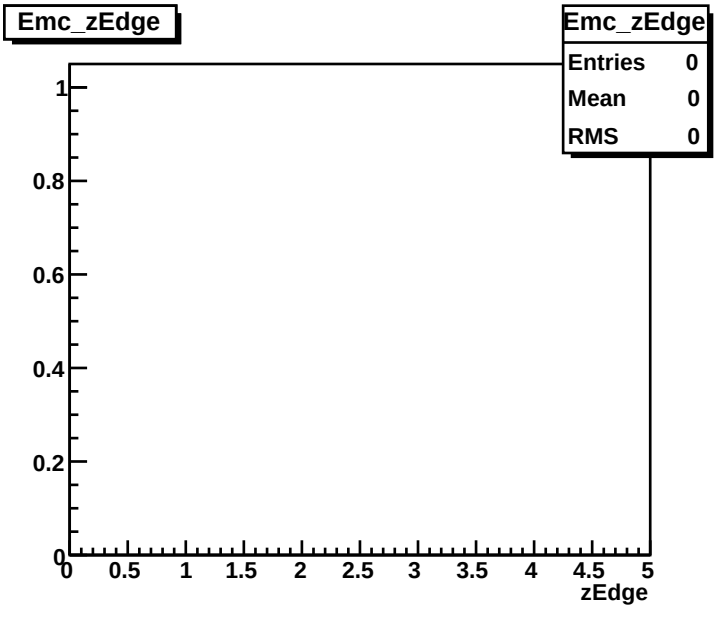

Lm_VertexZ
Lm_VertexZ
Entries 1411
Mean -0.3633
RMS 18.42
LmVertexZ

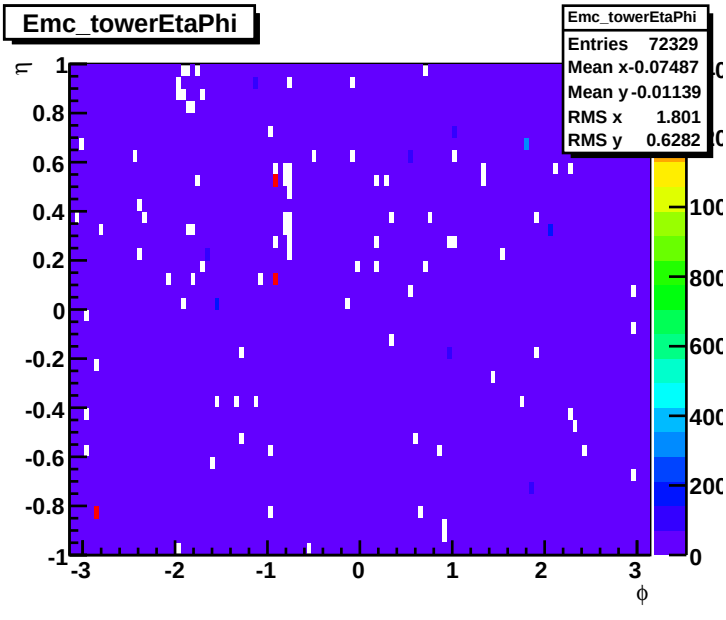

Emc_matchPhiDiff
Emc_matchPhiDiff
Entries 0
Mean 0
RMS 0
matchPhiDiff

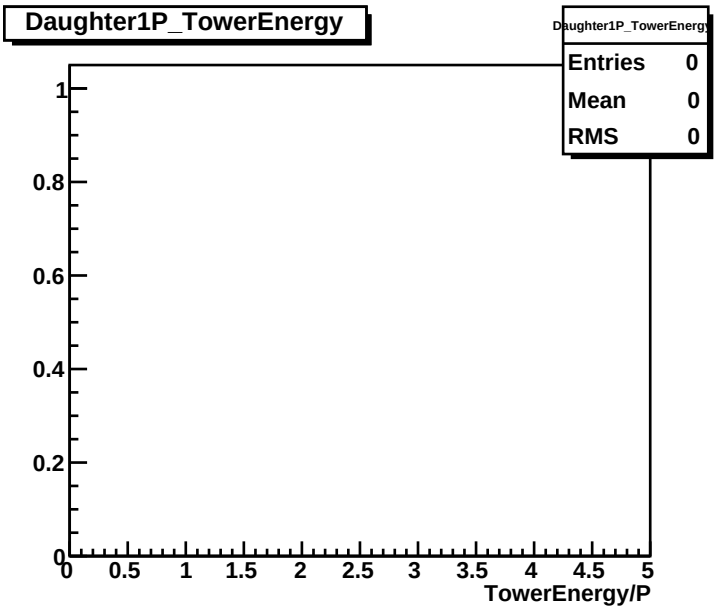

Emc_towerEnergy
Emc_towerEnergy
Entries 72329
Mean 0.762
RMS 0.3388
TowerEnergy

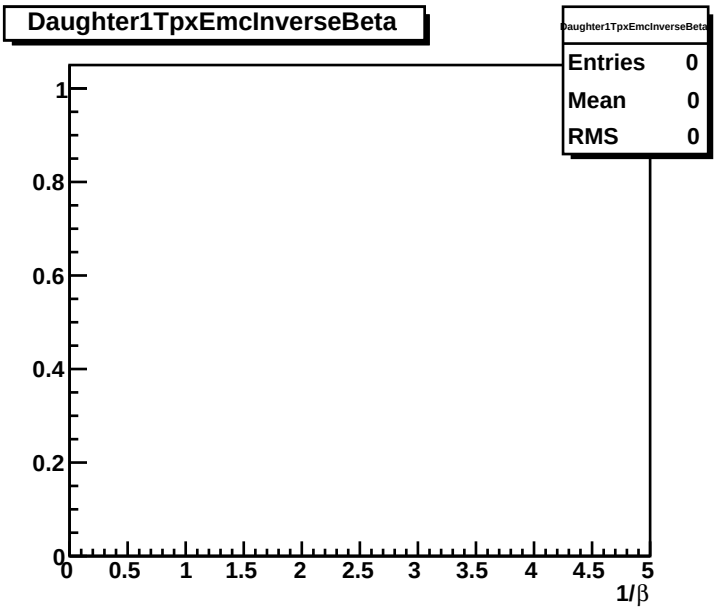

Emc_towerDaqId
Emc_towerDaqId
Entries 72329
Mean 2677
RMS 1383
TowerDaqId

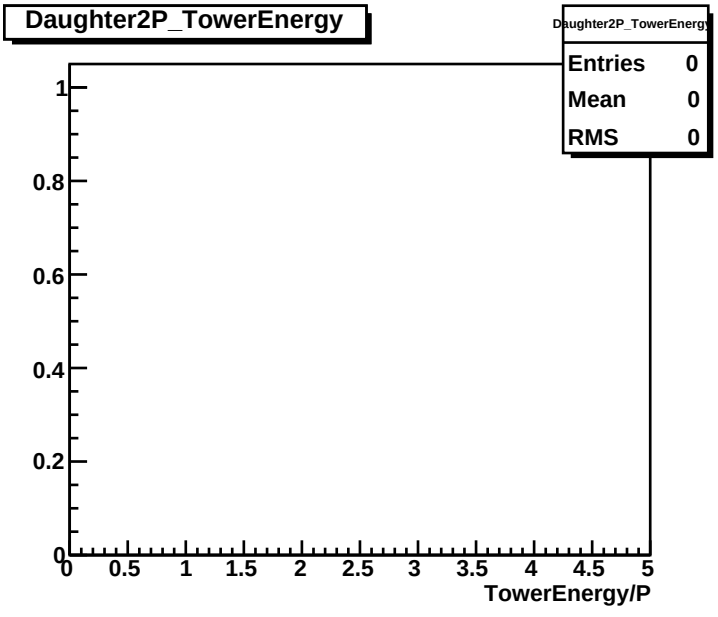

Emc_towerSoftId
Emc_towerSoftId
Entries 72329
Mean 2367
RMS 1381
TowerSoftId

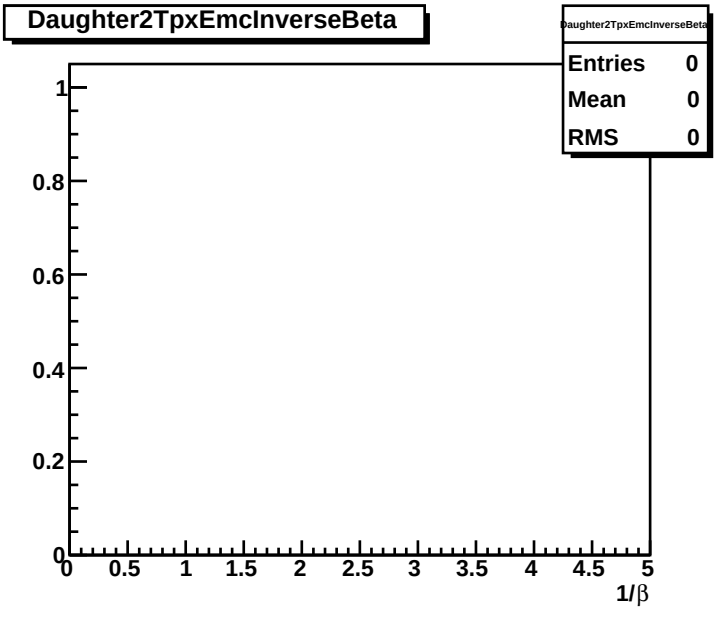

Emc_zEdge
Emc_zEdge
Entries 0
Mean 0
RMS 0
zEdge

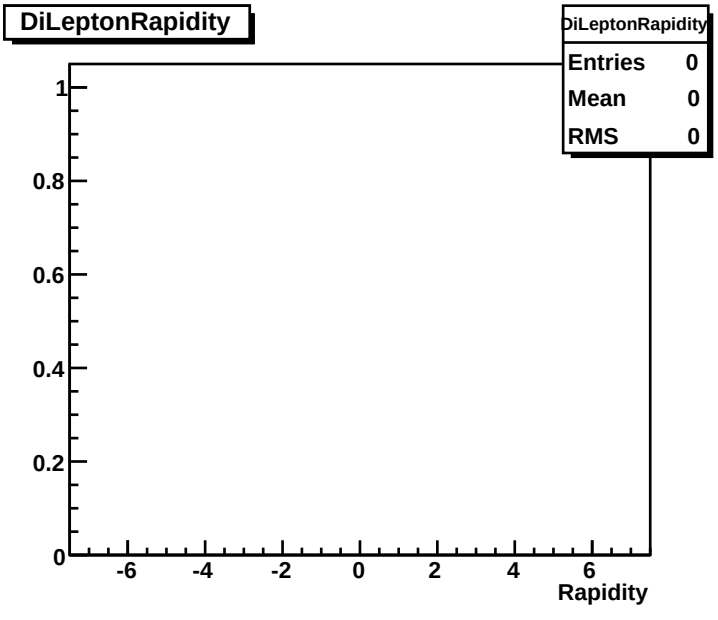

Emc_towerEtaPhi
Emc_towerEtaPhi
Entries 72329
Mean x -0.07487
Mean y -0.01139
RMS x 1.801
RMS y 0.6282
η
ϕ

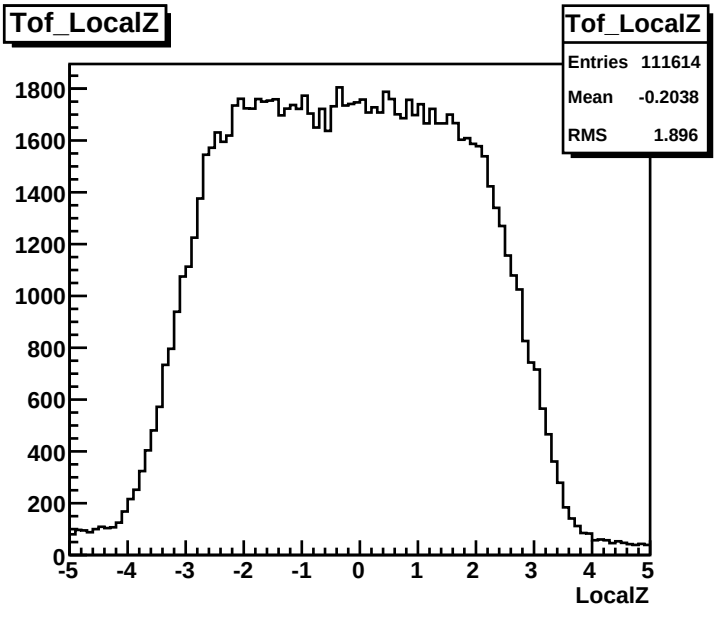

Daughter1P_TowerEnergy
Daughter1P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

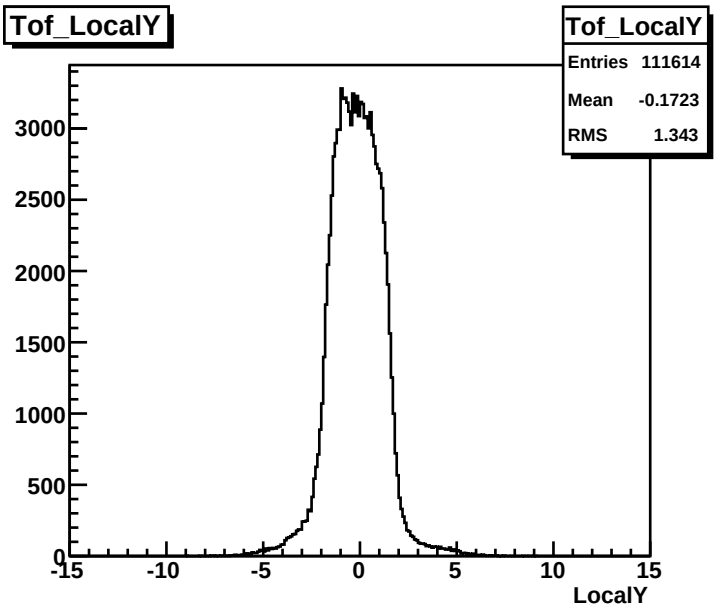

Daughter1TpxEmcInverseBeta
Daughter1TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

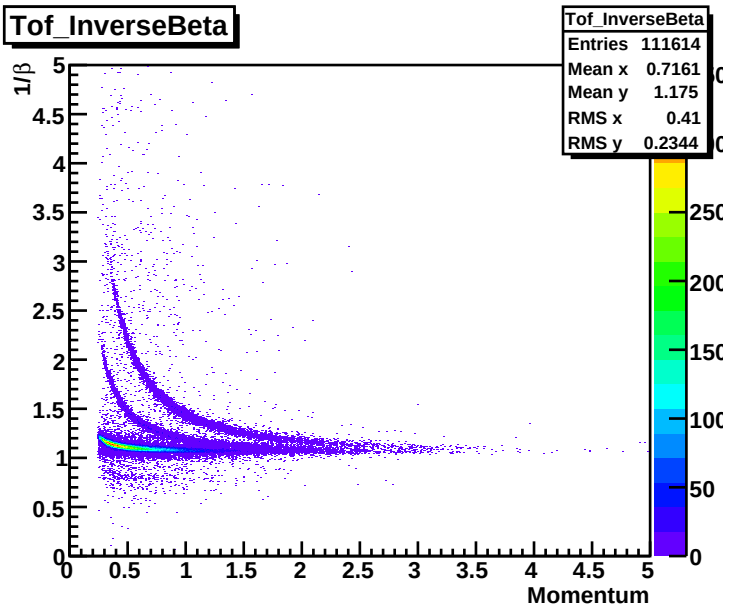

Daughter2P_TowerEnergy
Daughter2P_TowerEnergy
Entries 0
Mean 0
RMS 0
TowerEnergy/P

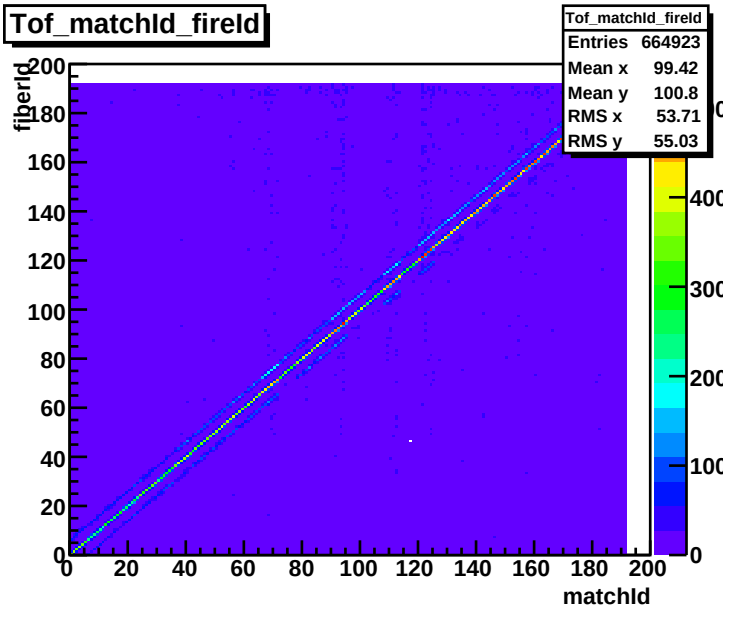

Daughter2TpxEmcInverseBeta
Daughter2TpxEmcInverseBeta
Entries 0
Mean 0
RMS 0
1/β

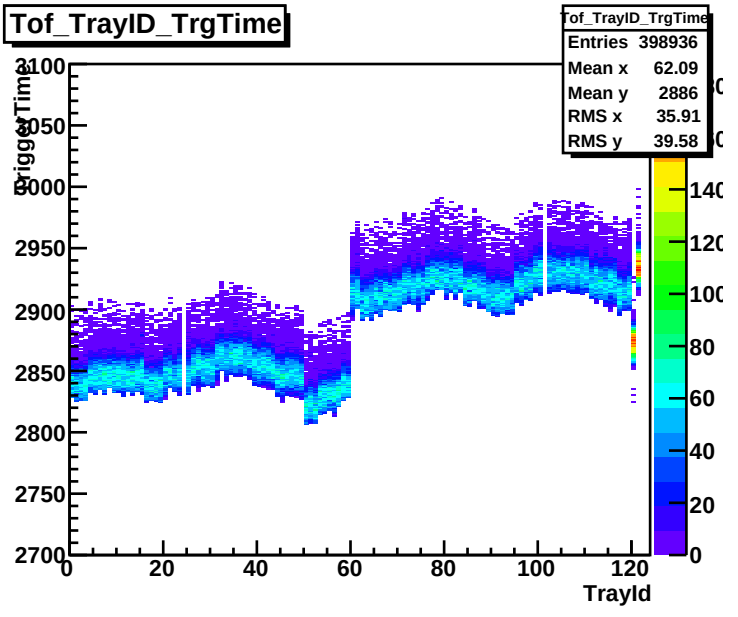

DiLeptonRapidity
DiLeptonRapidity
Entries 0
Mean 0
RMS 0
Rapidity

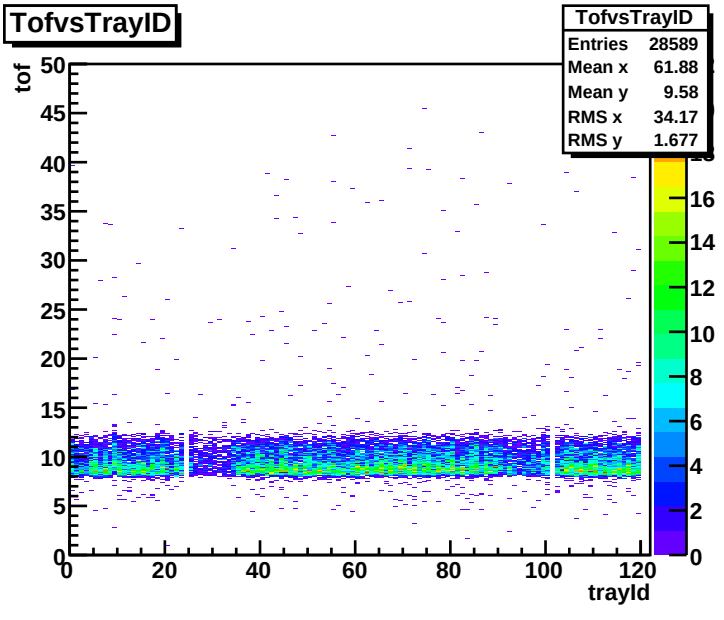

Tof_LocalZ
Tof_LocalZ
Entries 111614
Mean -0.2038
RMS 1.896
LocalZ

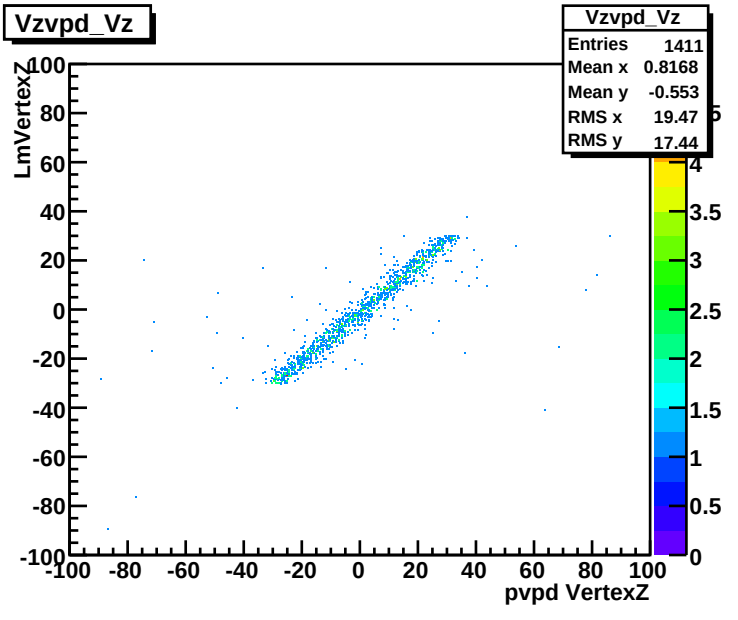

Tof_LocalY
Tof_LocalY
Entries 111614
Mean -0.1723
RMS 1.343
LocalY

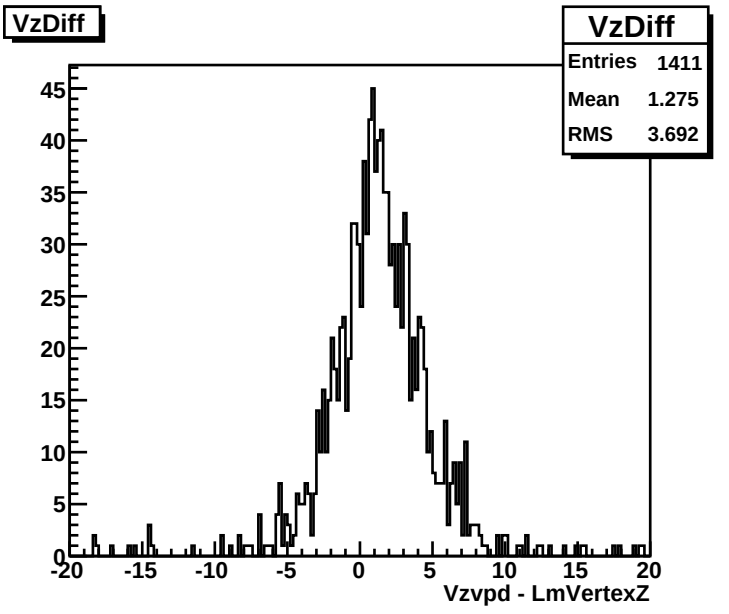

Tof_InverseBeta
Tof_InverseBeta
Entries 111614
Mean x 0.7161
Mean y 1.175
RMS x 0.41
RMS y 0.2344
1/β
Momentum

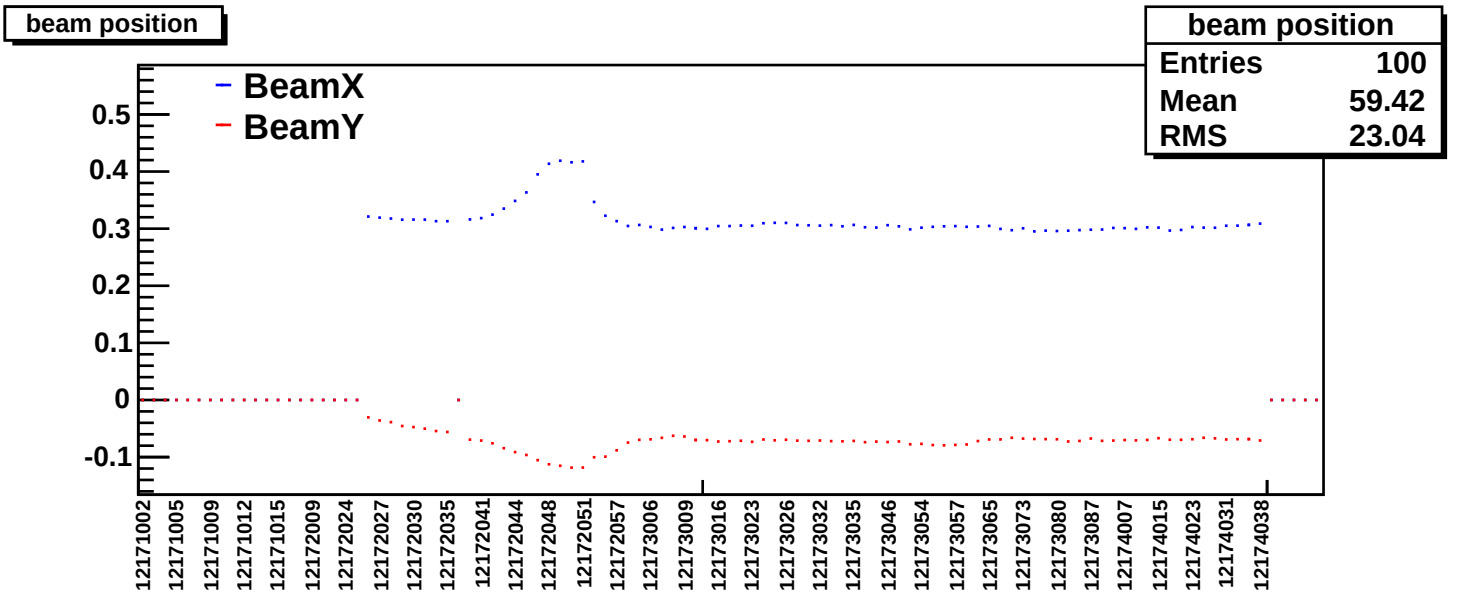

Tof_matchId_fireId
Tof_matchId_fireId
Entries 664923
Mean x 99.42
Mean y 100.8
RMS x 53.71
RMS y 55.03
fiberId
matchId


Tof_TrayID_TrgTime
Tof_TrayID_TrgTime
Entries 398936
Mean x 62.09
Mean y 2886
RMS x 35.91
RMS y 39.58
TrayId


TofvsTrayID
TofvsTrayID
Entries 28589
Mean x 61.88
Mean y 9.58
RMS x 34.17
RMS y 1.677
tof
trayId


Vzvpd_Vz
Vzvpd_Vz
Entries 1411
Mean x 0.8168
Mean y -0.553
RMS x 19.47
RMS y 17.44
LmVertexZ
pvpd VertexZ


VzDiff
VzDiff
Entries 1411
Mean 1.275
RMS 3.692
45
40
35
30
25
20
15
10
5
0
-20
-15
-10
-5
0
5
10
15
20
Vzvpd - LmVertexZ


beam position
beam position
Entries 100
Mean 59.42
RMS 23.04
BeamX
BeamY
0.5
0.4
0.3
0.2
0.1
0
-0.1
12171002
12171005
12171009
12171012
12171015
12172009
12172024
12172027
12172030
12172035
12172041
12172044
12172048
12172051
12172057
12173006
12173009
12173016
12173023
12173026
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12173035
12173046
12173054
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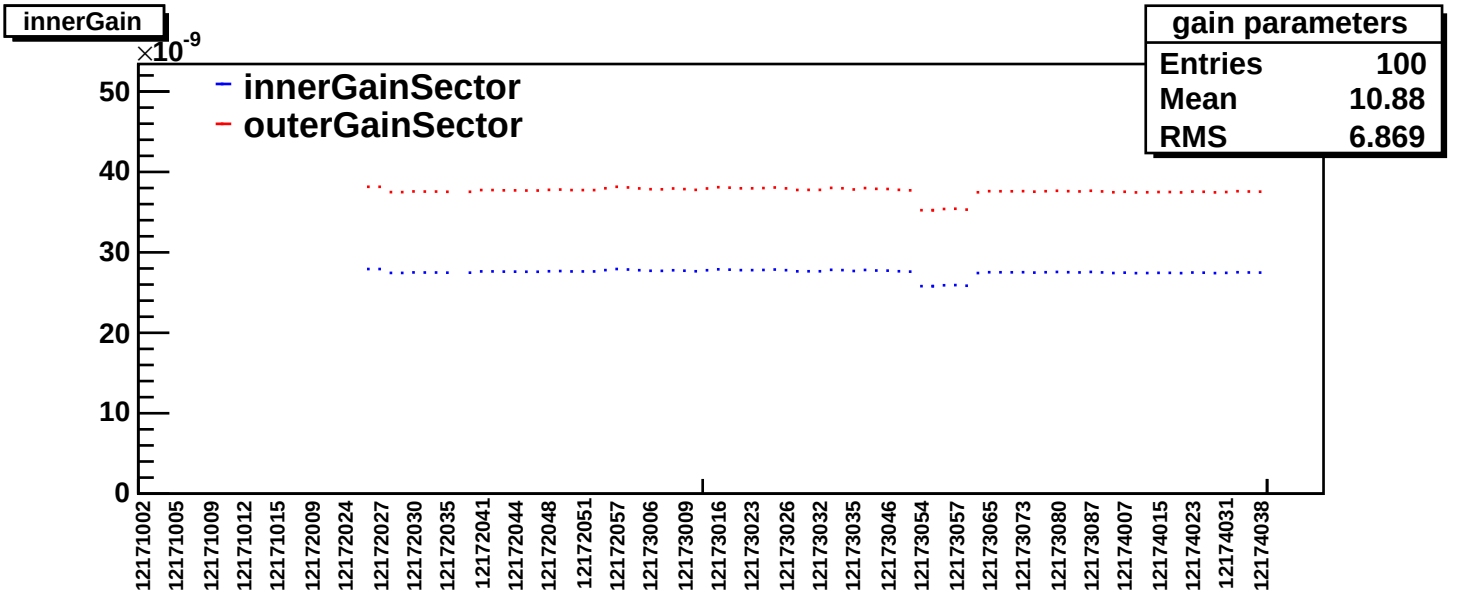
innerGain
gain parameters
Entries 100
Mean 10.88
RMS 6.869
×10^-9
innerGainSector
outerGainSector
50
40
30
20
10
0
12171002
12171005
12171009
12171012
12171015
12172009
12172024
12172027
12172030
12172035
12172041
12172044
12172048
12172051
12172057
12173006
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12173023
12173026
12173032
12173035
12173046
12173054
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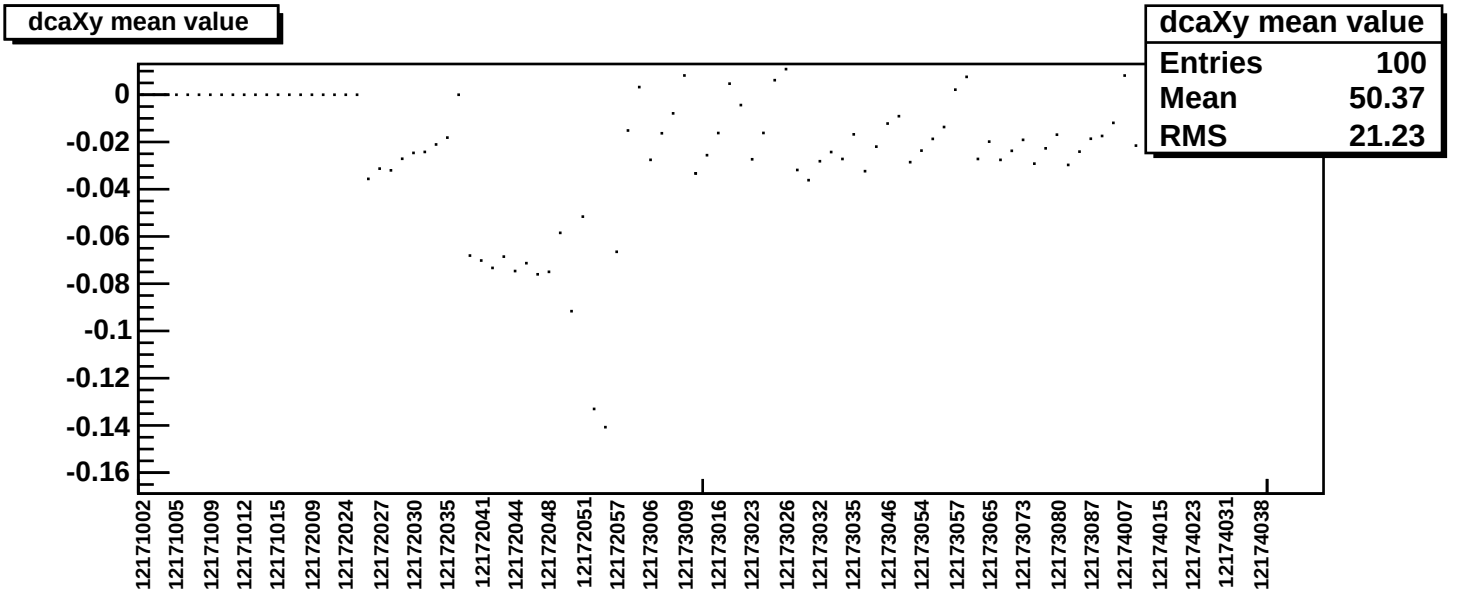
12174038


dcaXy mean value
dcaXy mean value
Entries 100
Mean 50.37
RMS 21.23
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
-0.14
-0.16
12171002
12171005
12171009
12171012
12171015
12172009
12172024
12172027
12172030
12172035
12172041
12172044
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12172051
12172057
12173006
12173009
12173016
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12173026
12173032
12173035
12173046
12173054
12173057
12173065
12173073
12173080
12173087
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12174038