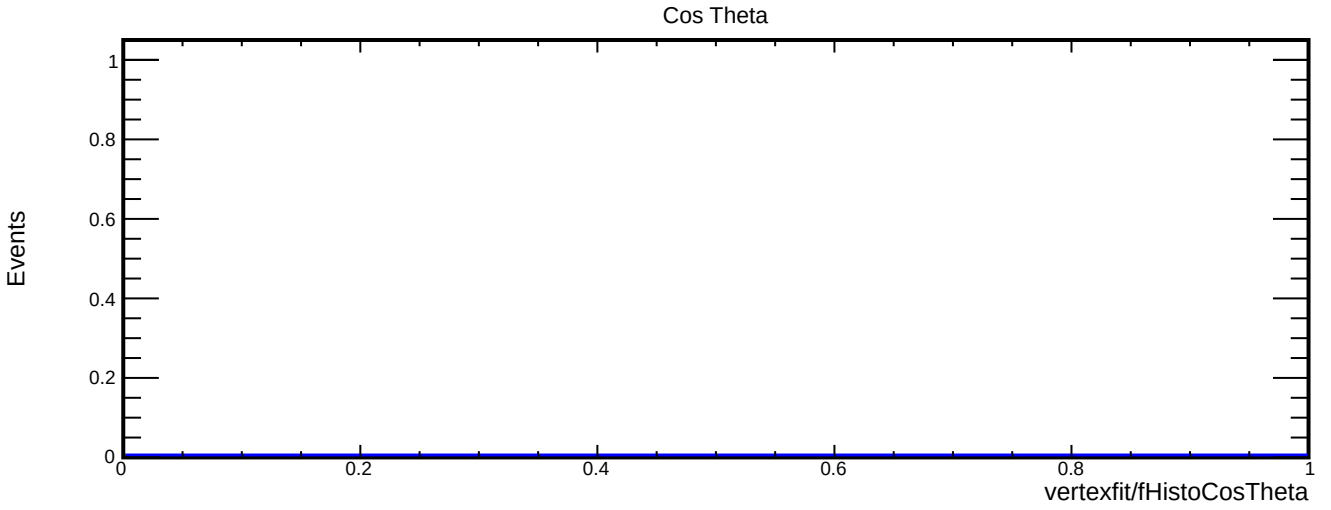
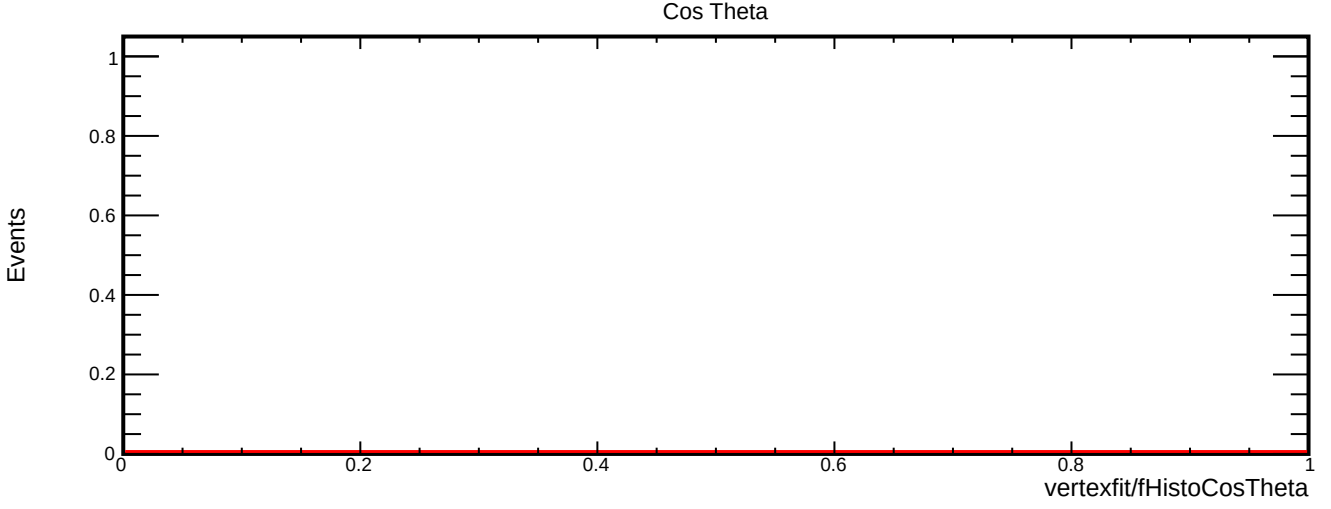
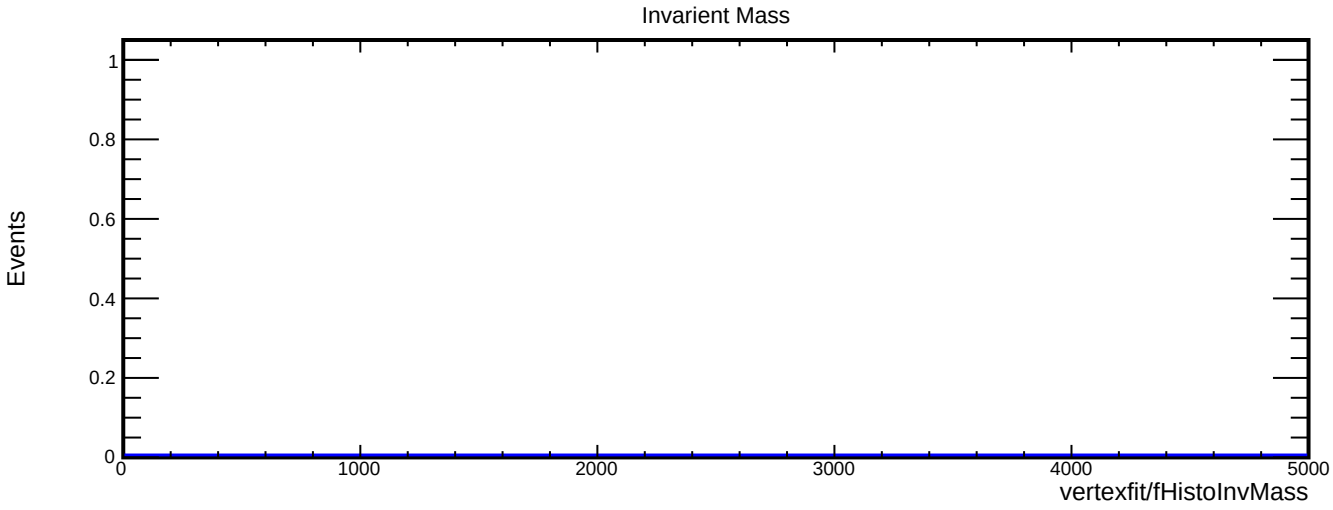
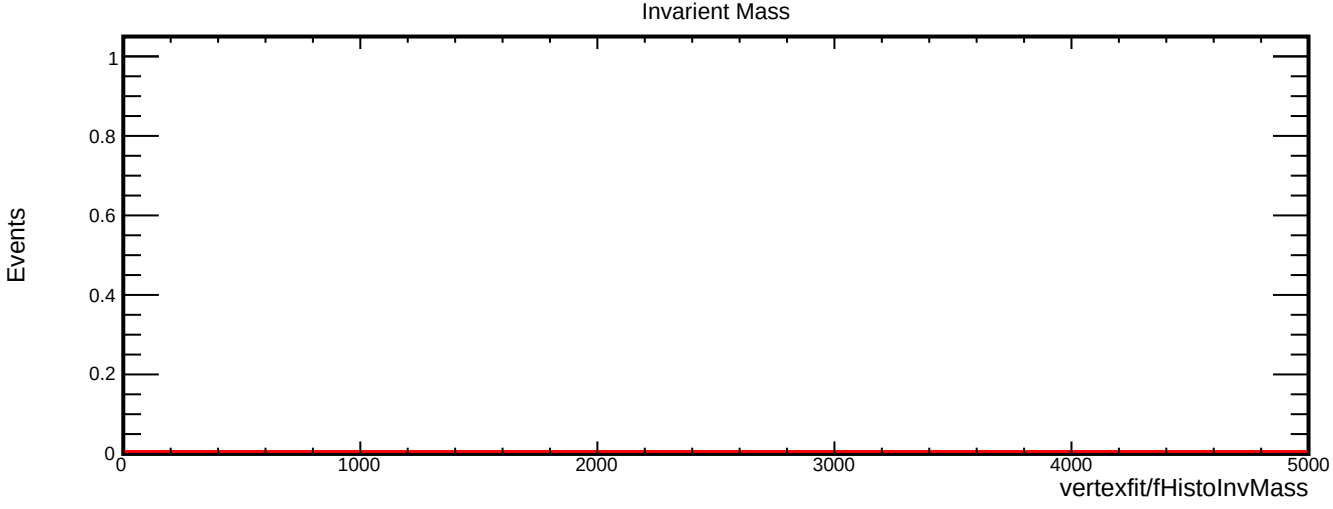
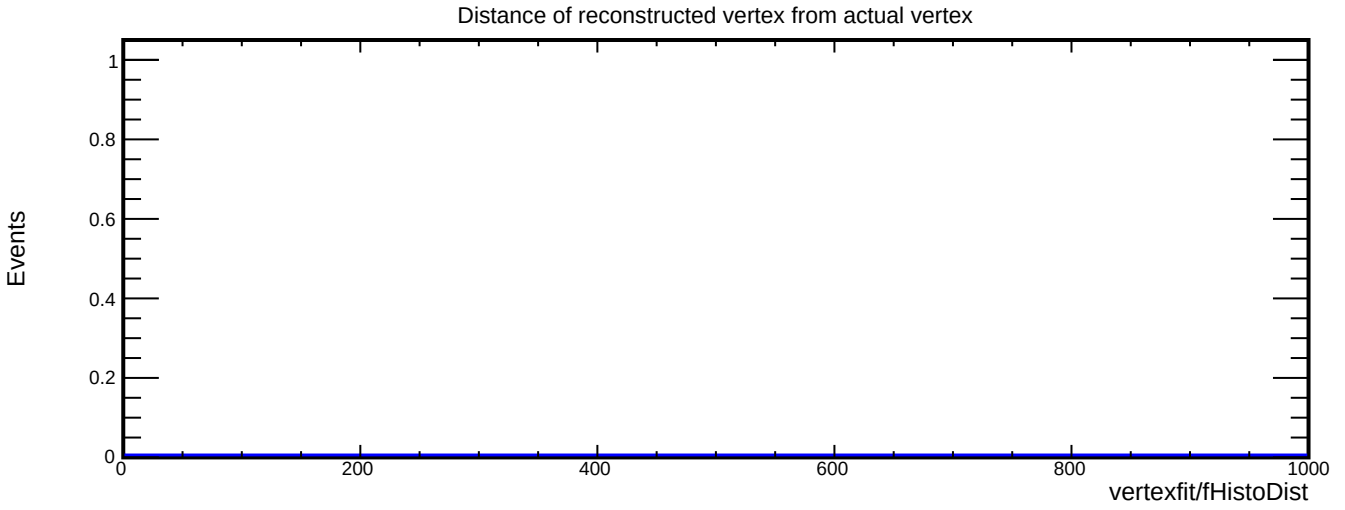
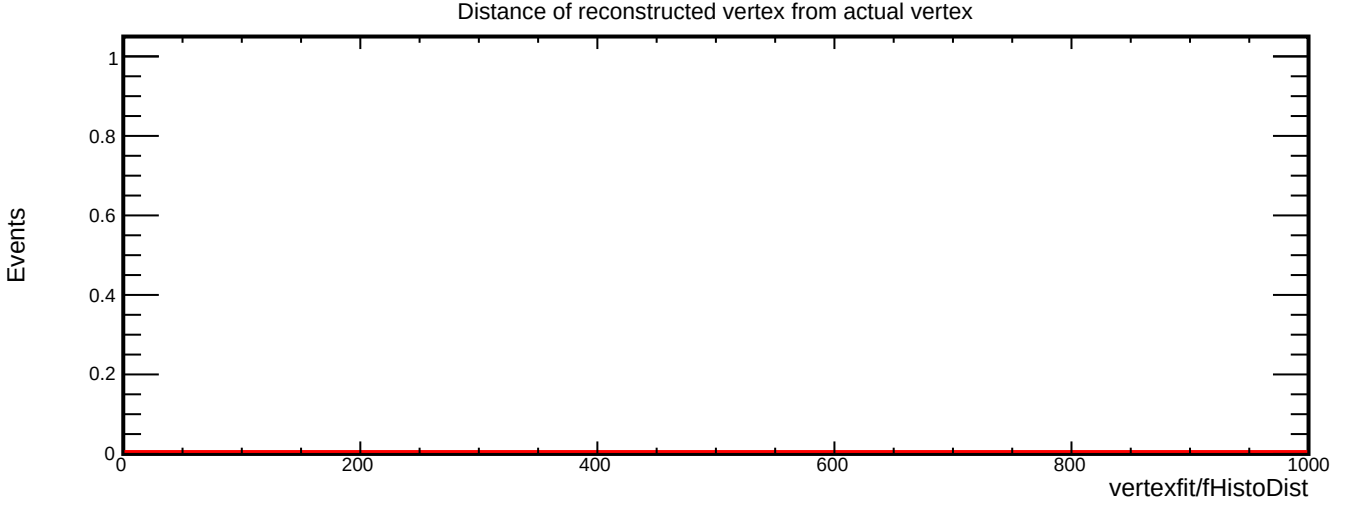

Cos Theta
Events
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
vertexfit/fHistoCosTheta

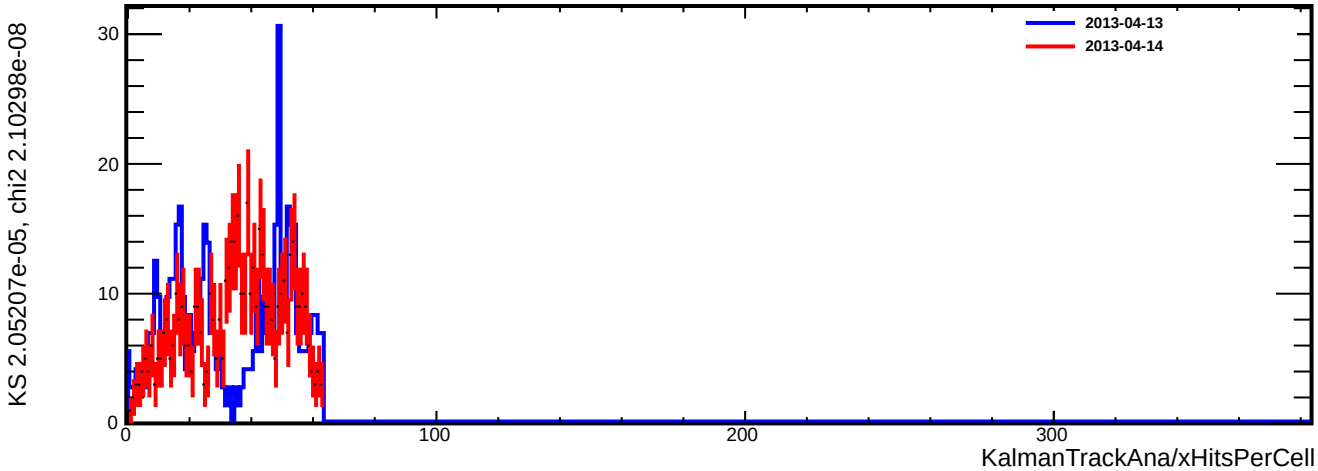

Cos Theta
Events
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
vertexfit/fHistoCosTheta

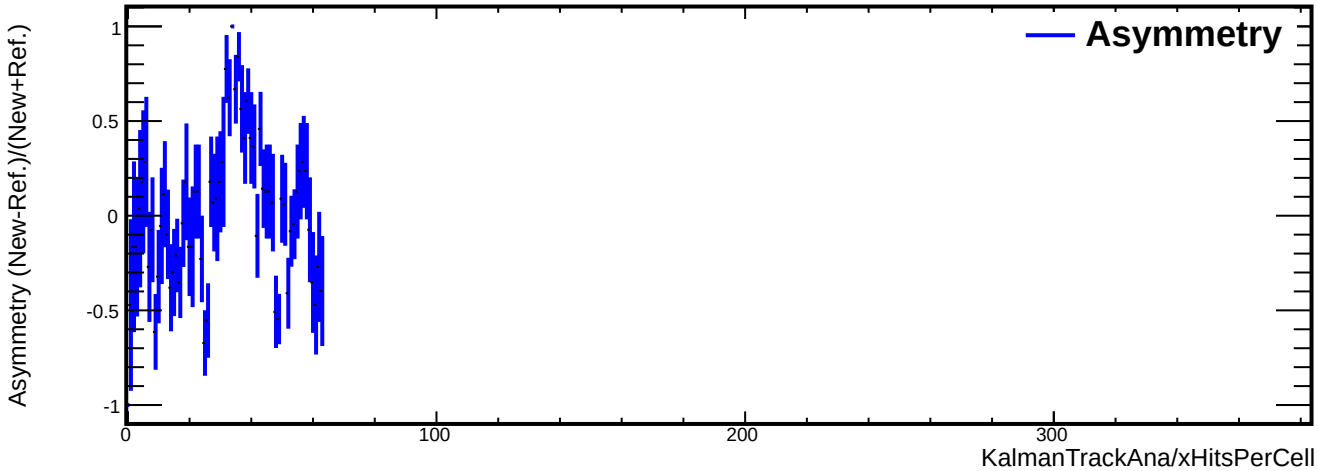

Invarient Mass
Events
1
0.8
0.6
0.4
0.2
0
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

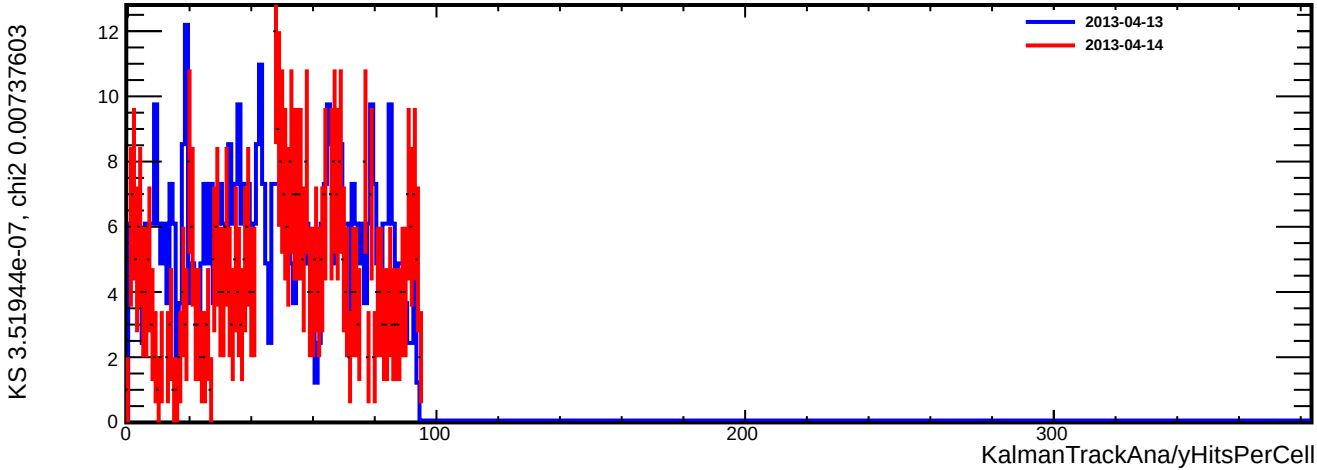

Invarient Mass
Events
1
0.8
0.6
0.4
0.2
0
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

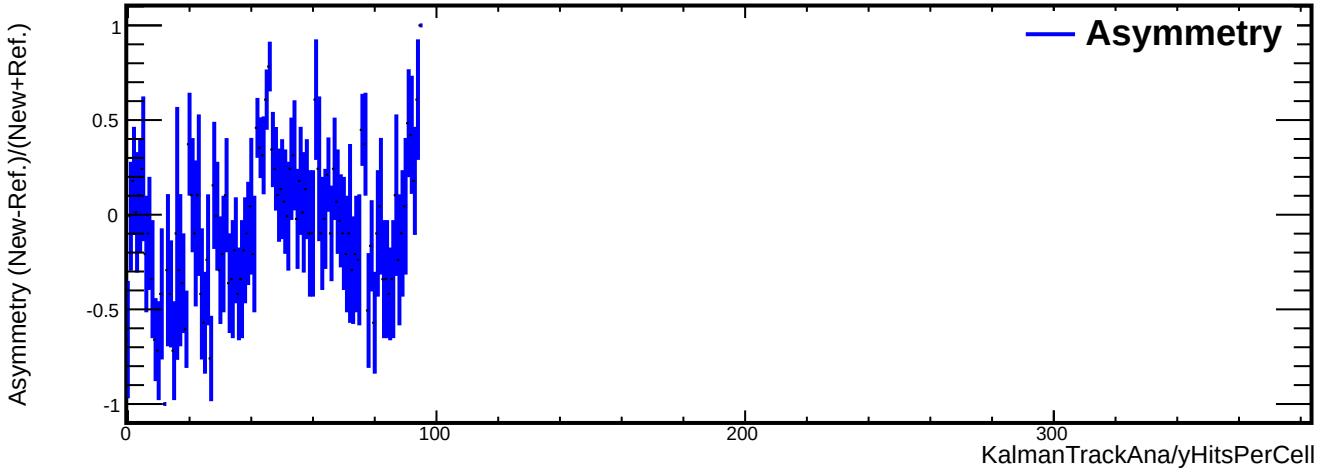

Distance of reconstructed vertex from actual vertex
Events
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
vertexfit/fHistoDist

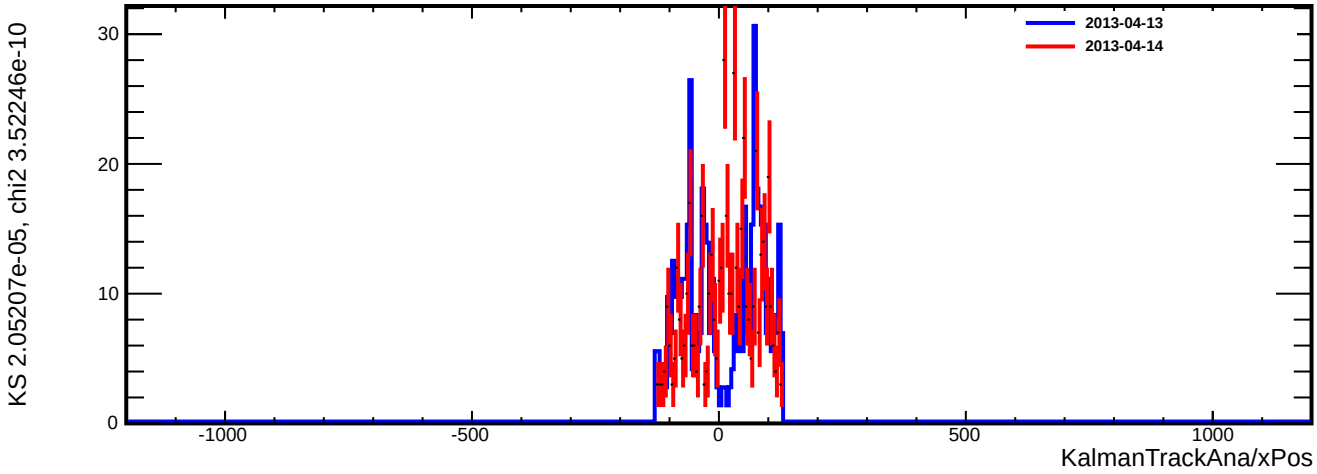

Distance of reconstructed vertex from actual vertex
Events
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
vertexfit/fHistoDist

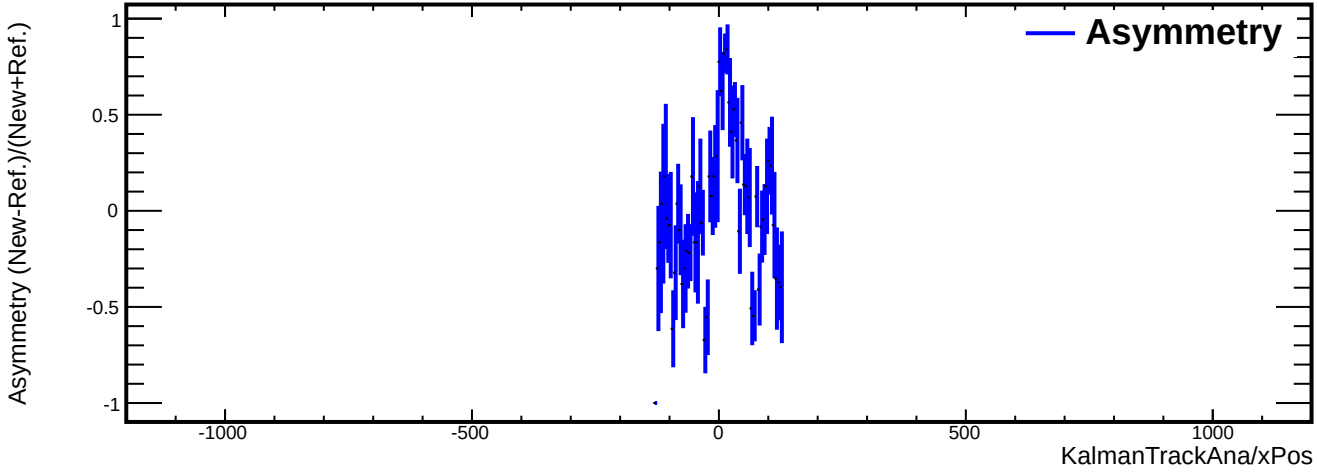

KS 2.05207e-05, chi2 2.10298e-08
2013-04-13
2013-04-14
30
20
10
0
0
100
200
300
KalmanTrackAna/xHitsPerCell

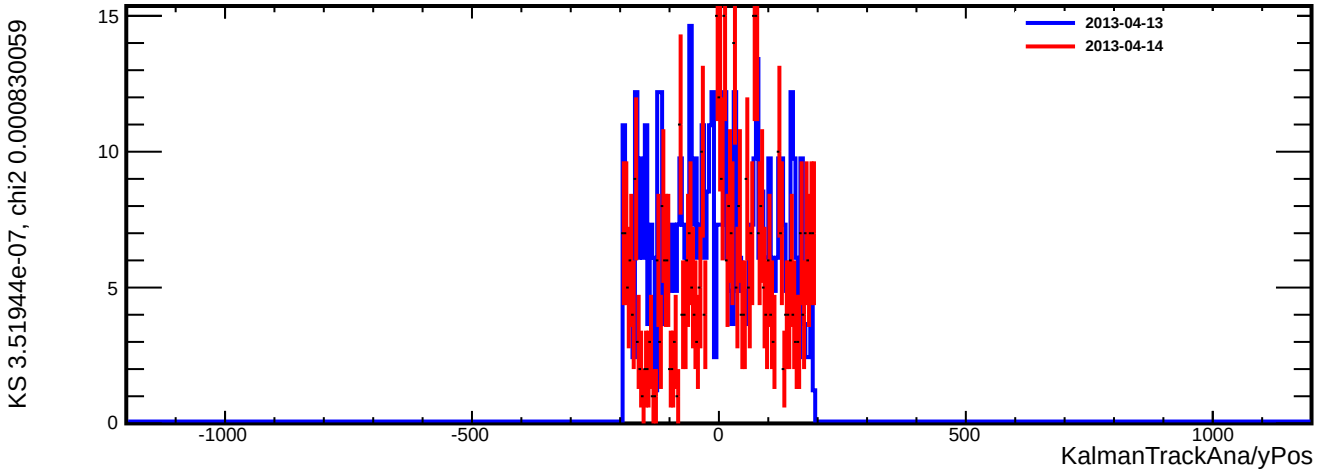

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
100
200
300
KalmanTrackAna/xHitsPerCell

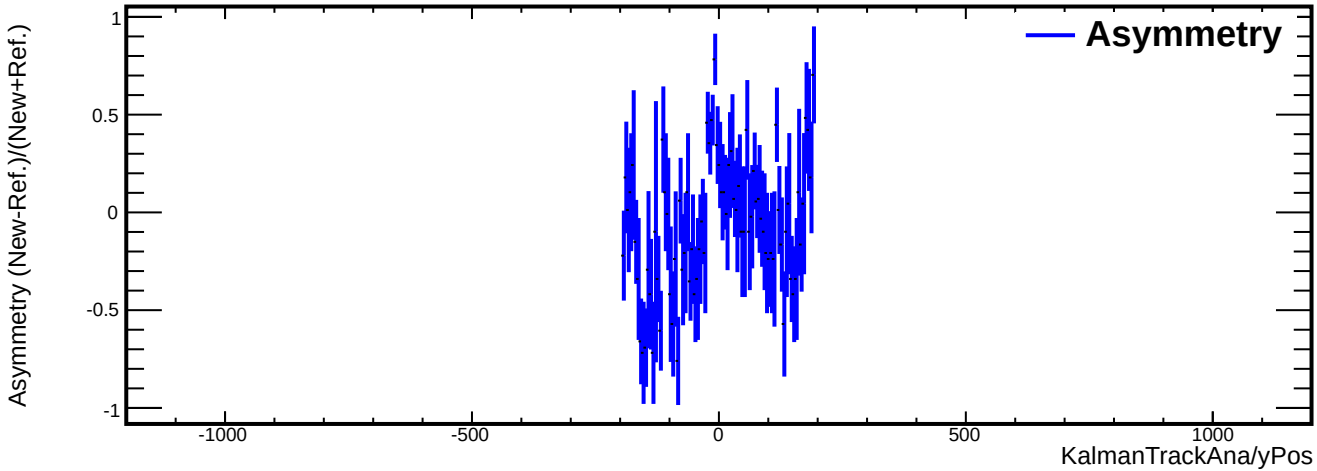

KS 3.51944e-07, chi2 0.00737603
2013-04-13
2013-04-14
0
2
4
6
8
10
12
0
100
200
300
KalmanTrackAna/yHitsPerCell

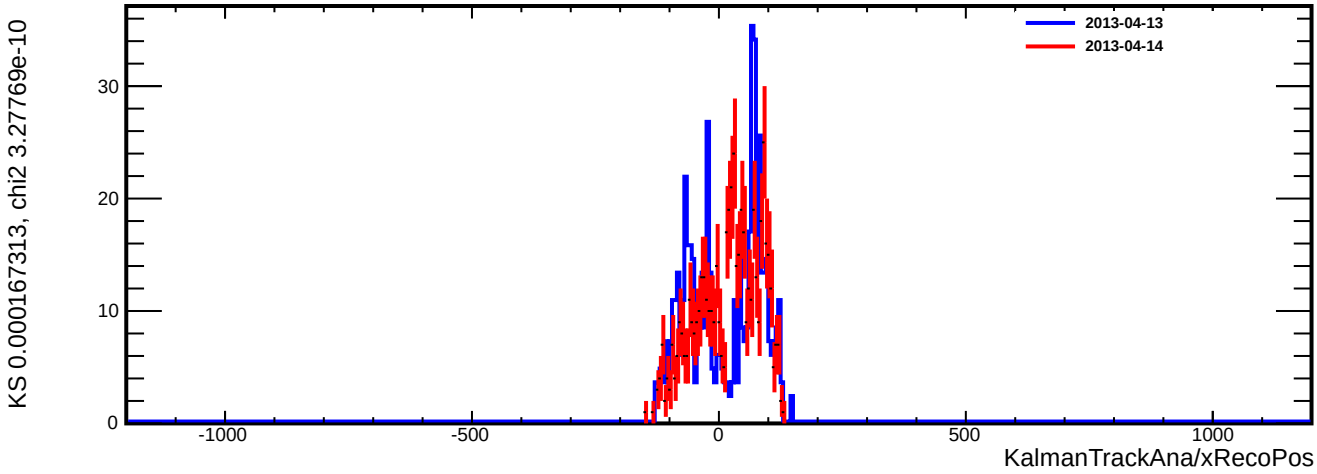

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
100
200
300
KalmanTrackAna/yHitsPerCell

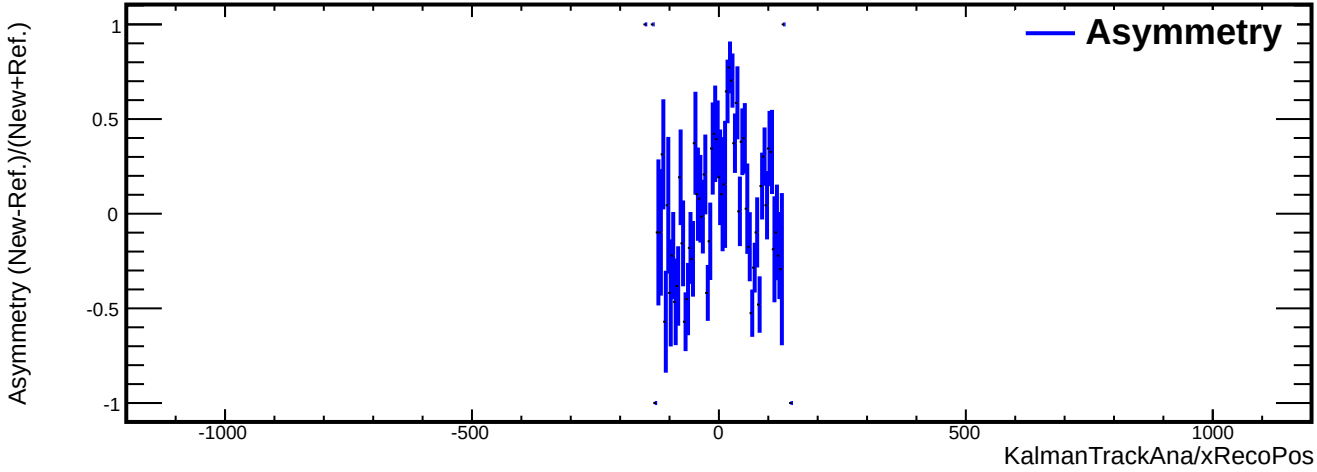

KS 2.05207e-05, chi2 3.52246e-10
2013-04-13
2013-04-14
30
20
10
0
-1000
-500
0
500
1000
KalmanTrackAna/xPos

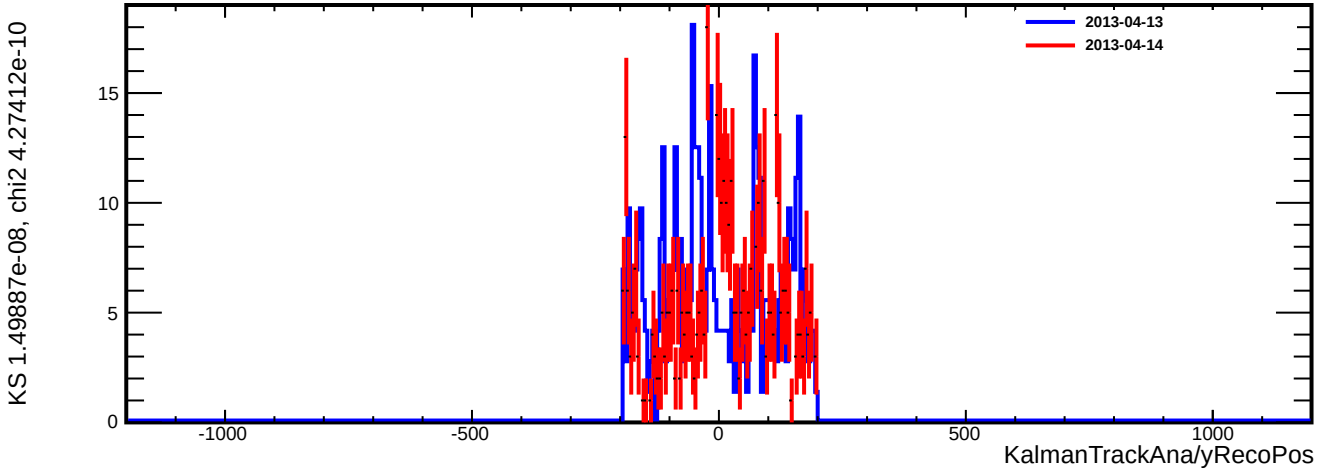

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/xPos

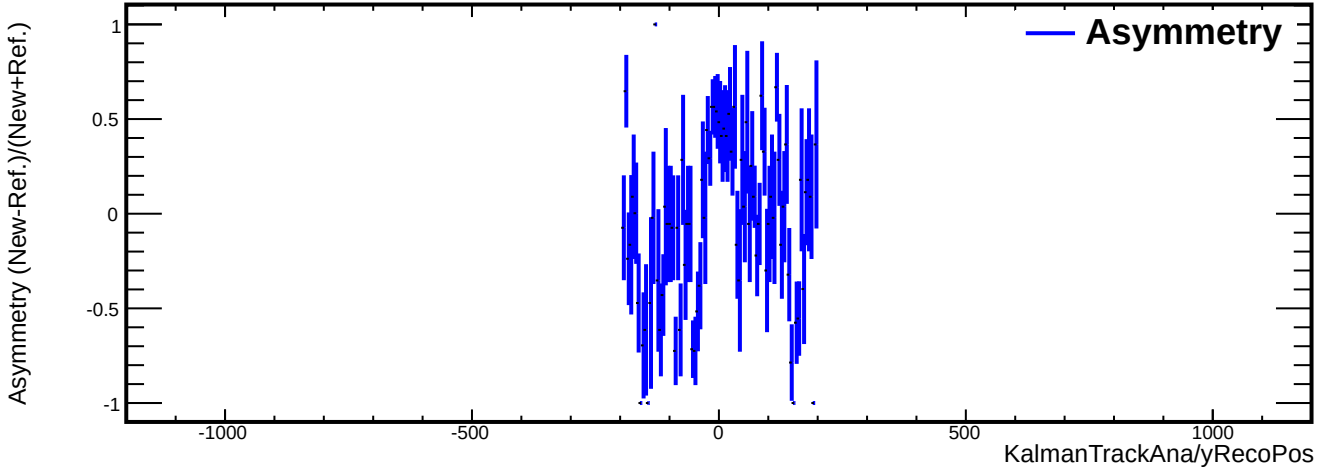

KS 3.51944e-07, chi2 0.000830059
2013-04-13
2013-04-14
15
10
5
0
-1000
-500
0
500
1000
KalmanTrackAna/yPos

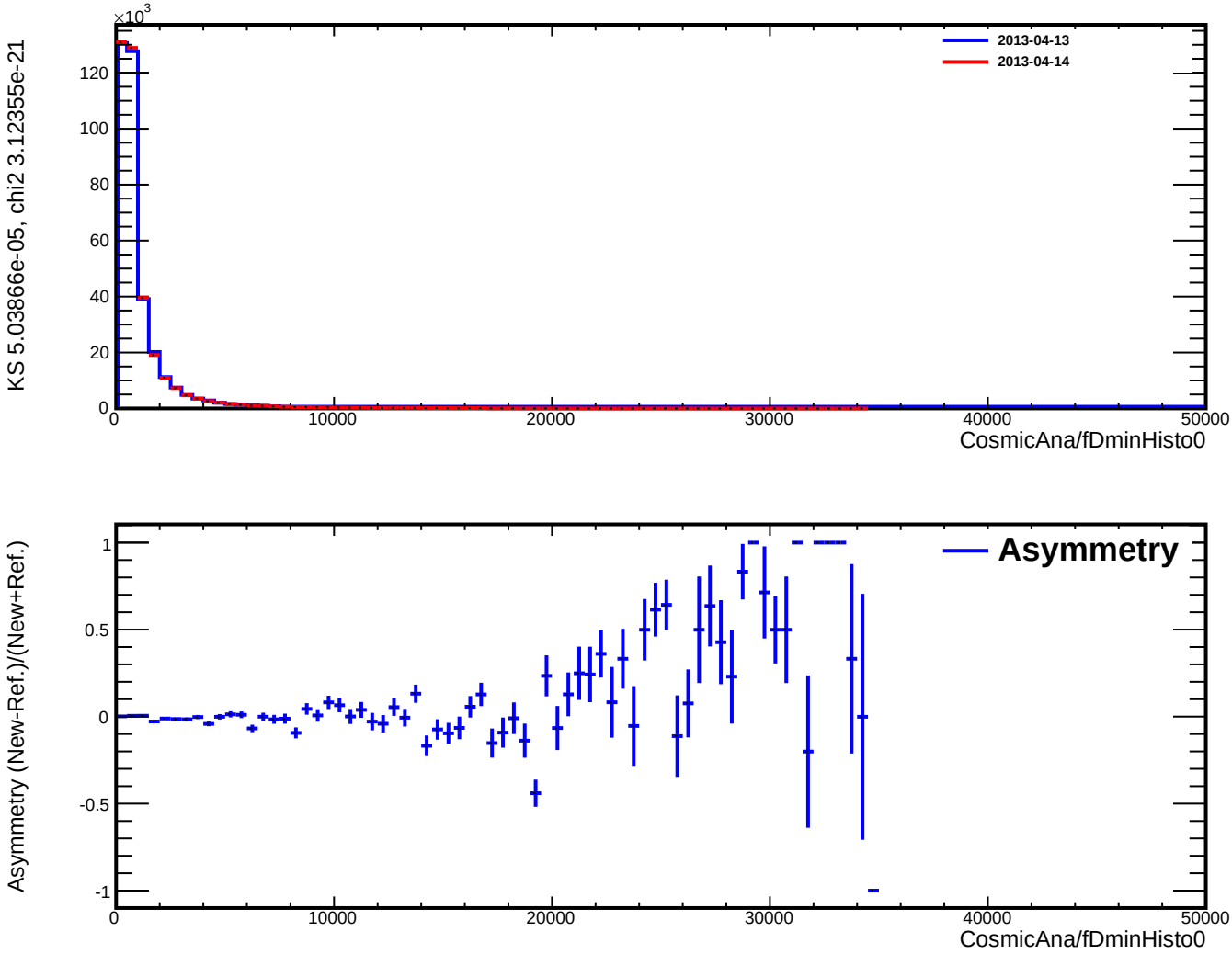

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/yPos

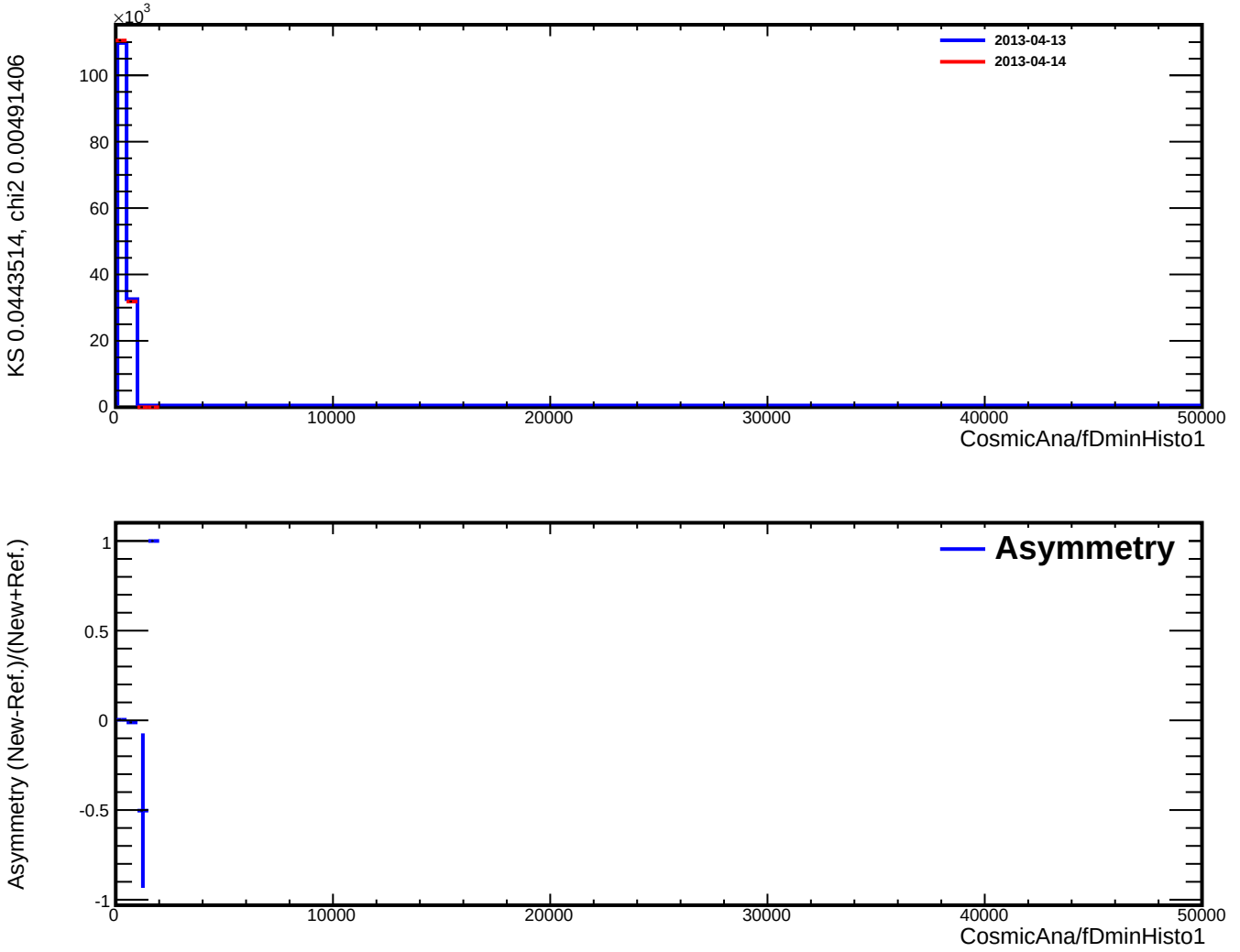

KS 0.000167313, chi2 3.27769e-10
2013-04-13
2013-04-14
30
20
10
0
-1000
-500
0
500
1000
KalmanTrackAna/xRecoPos

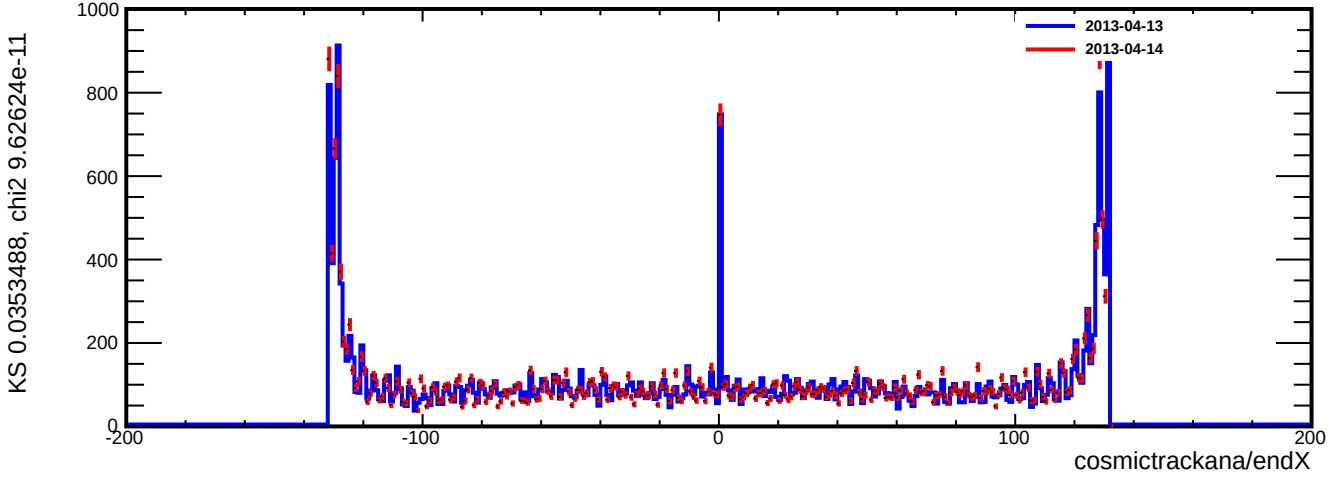

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/xRecoPos

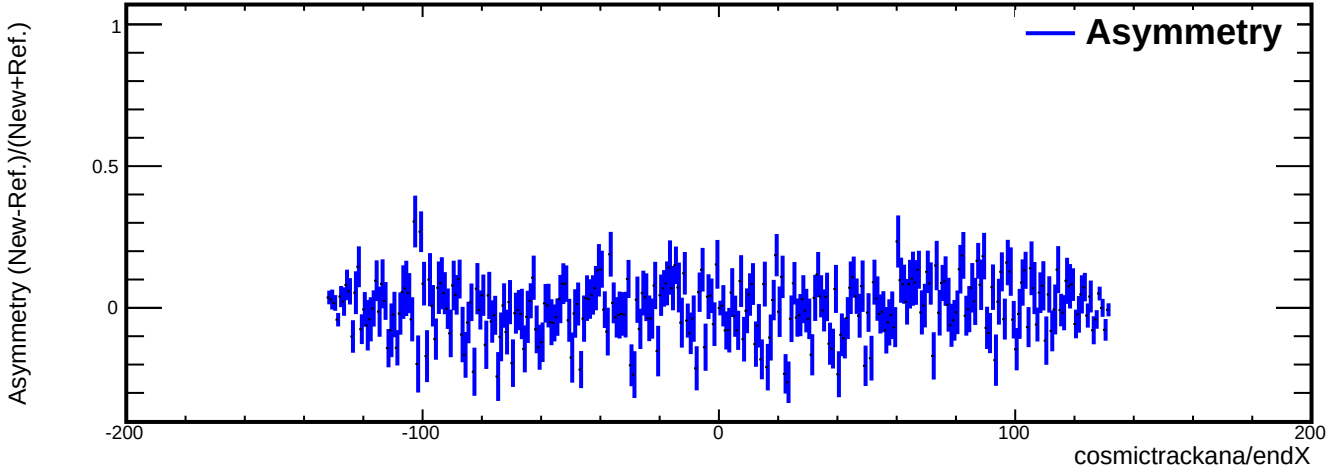

KS 1.49887e-08, chi2 4.27412e-10
2013-04-13
2013-04-14
15
10
5
0
-1000
-500
0
500
1000
KalmanTrackAna/yRecoPos

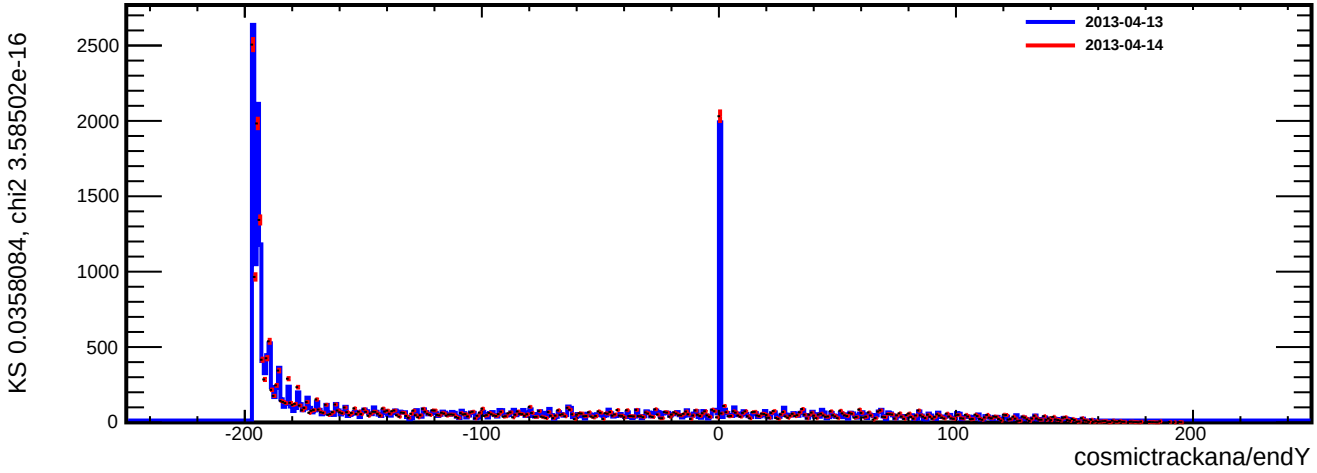

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/yRecoPos

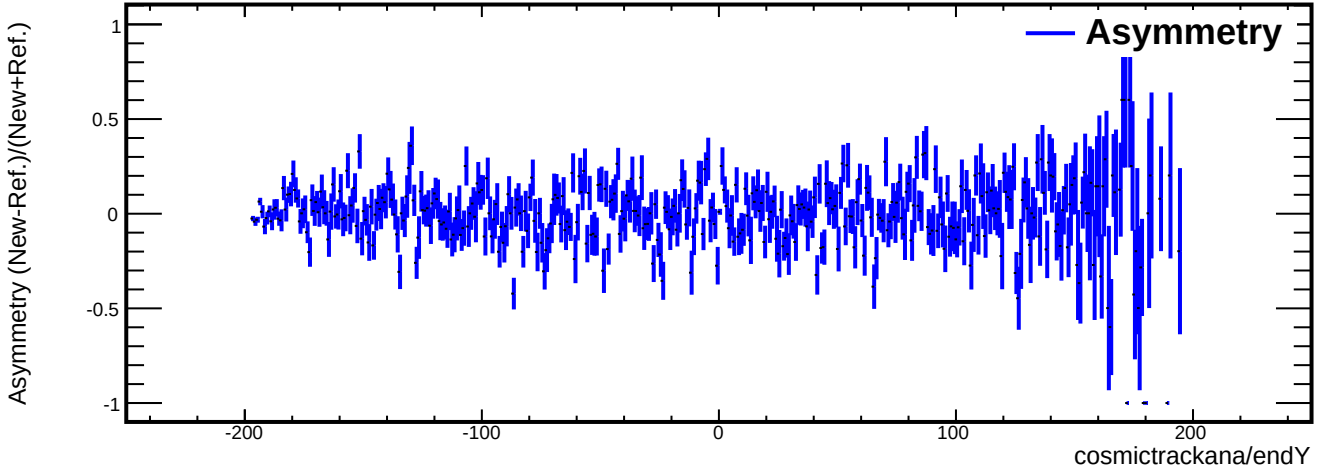

KS 5.03866e-05, chi2 3.12355e-21
×10^3
2013-04-13
2013-04-14
CosmicAna/fDminHisto0
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
CosmicAna/fDminHisto0

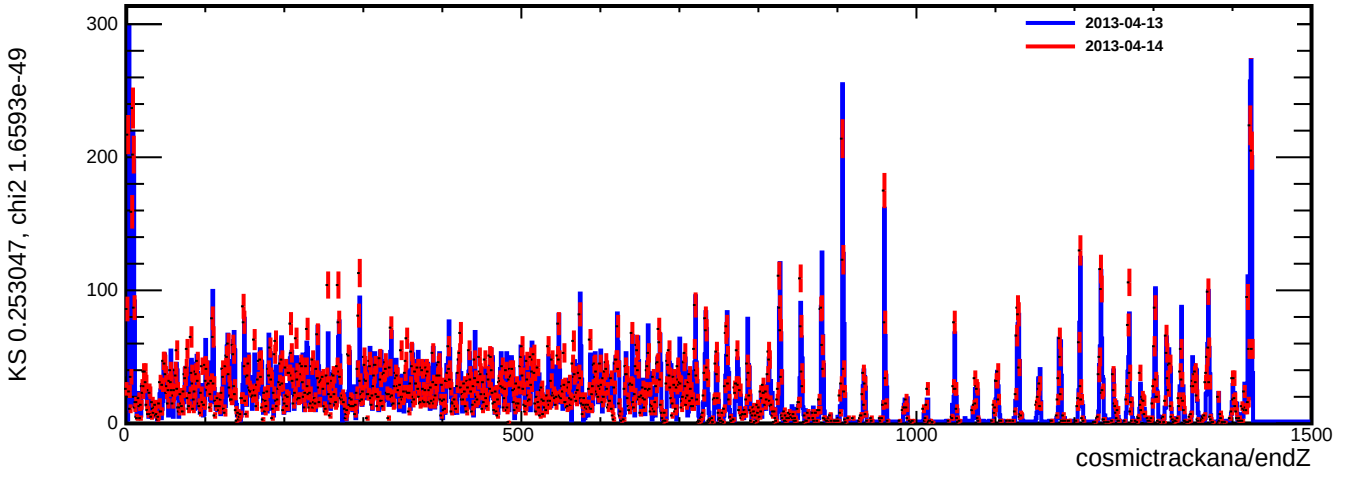

×10^3
100
80
60
40
20
0
0
10000
20000
30000
40000
50000
KS 0.0443514, chi2 0.00491406
CosmicAna/fDminHisto1
2013-04-13
2013-04-14
Asymmetry
1
0.5
0
-0.5
-1
Asymmetry (New-Ref.)/(New+Ref.)
CosmicAna/fDminHisto1

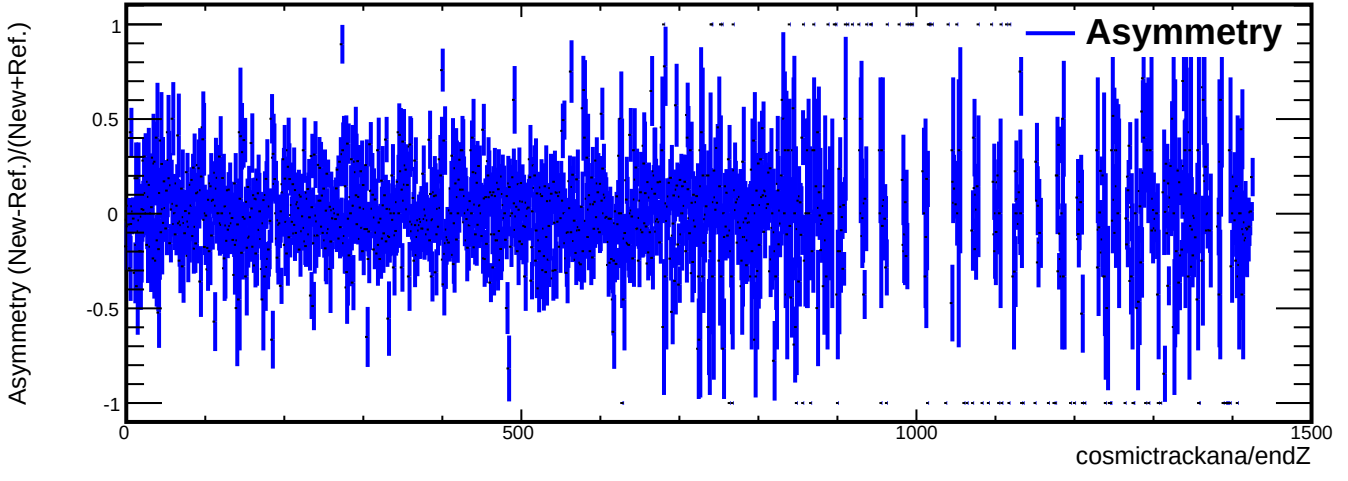

KS 0.0353488, chi2 9.62624e-11
2013-04-13
2013-04-14
cosmictrackana/endX

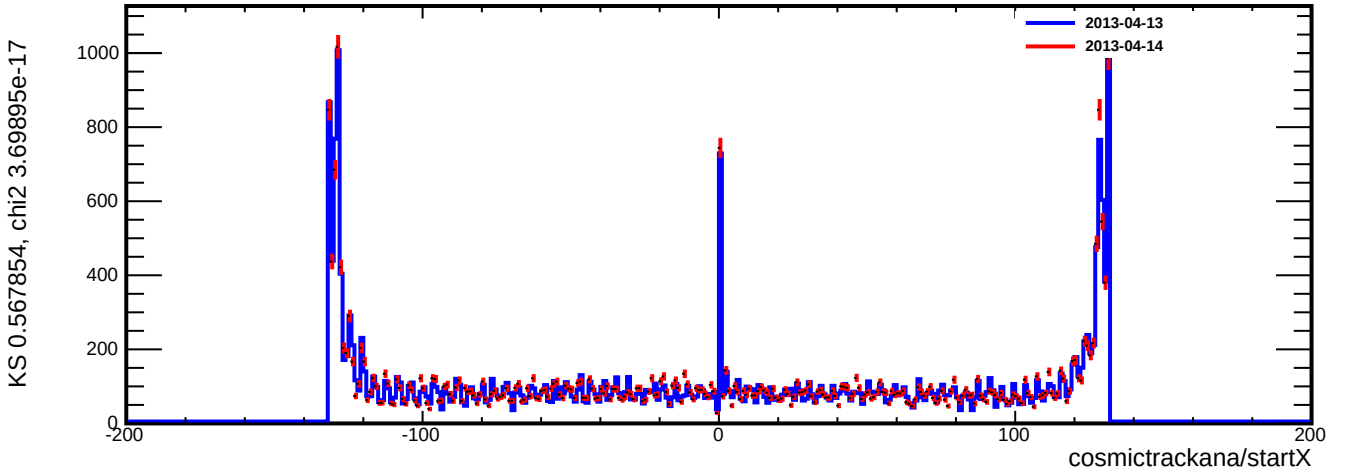

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/endX

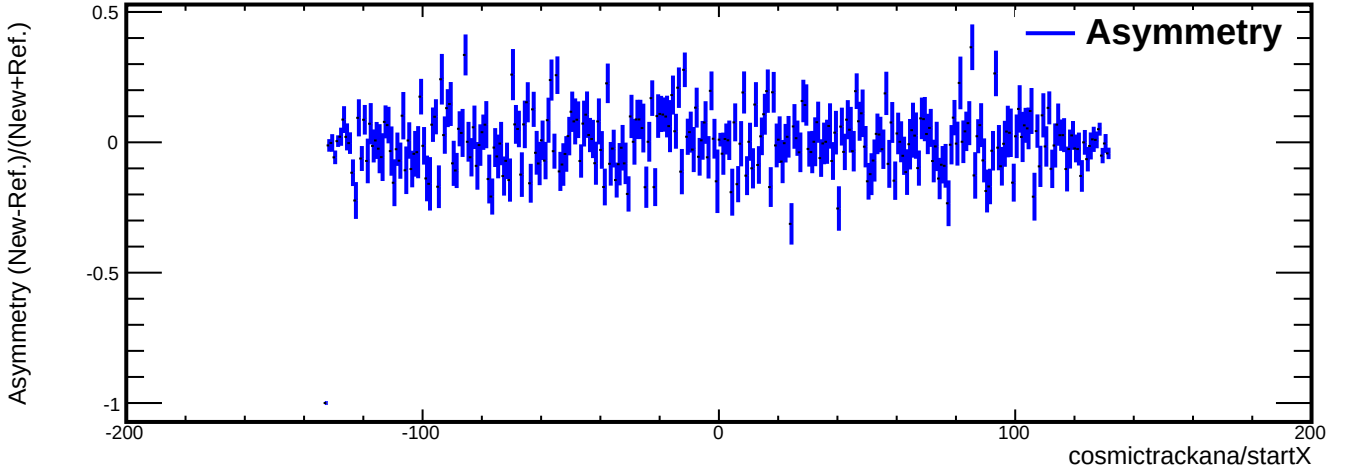

KS 0.0358084, chi2 3.58502e-16
2013-04-13
2013-04-14
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

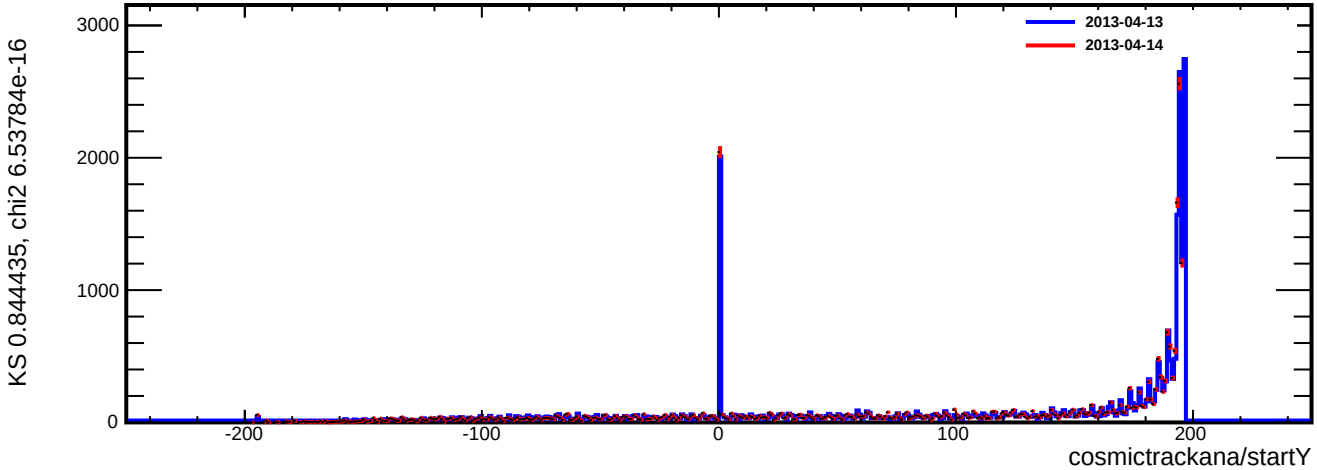

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

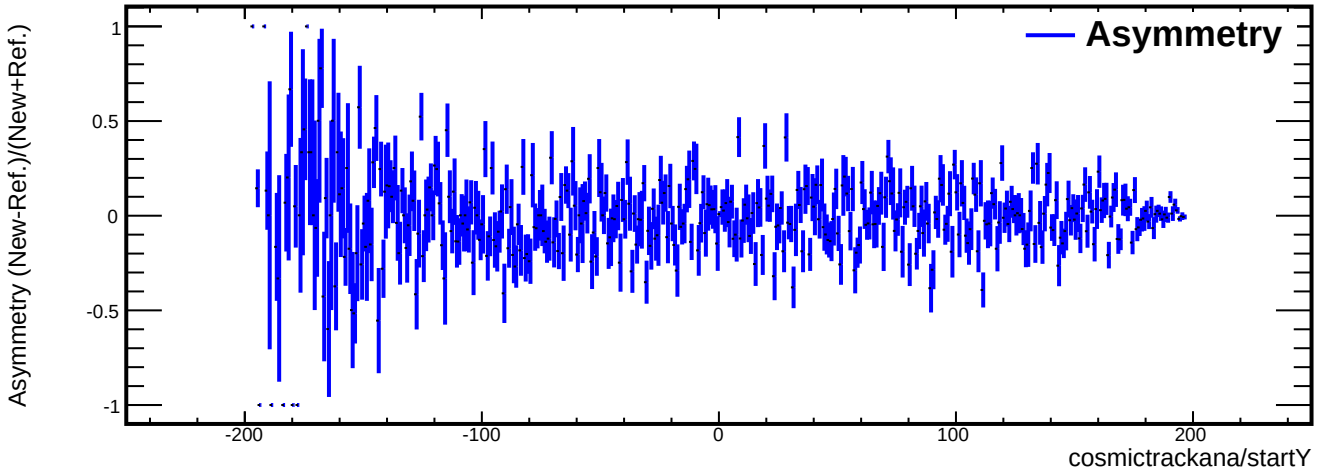

KS 0.253047, chi2 1.6593e-49
2013-04-13
2013-04-14
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

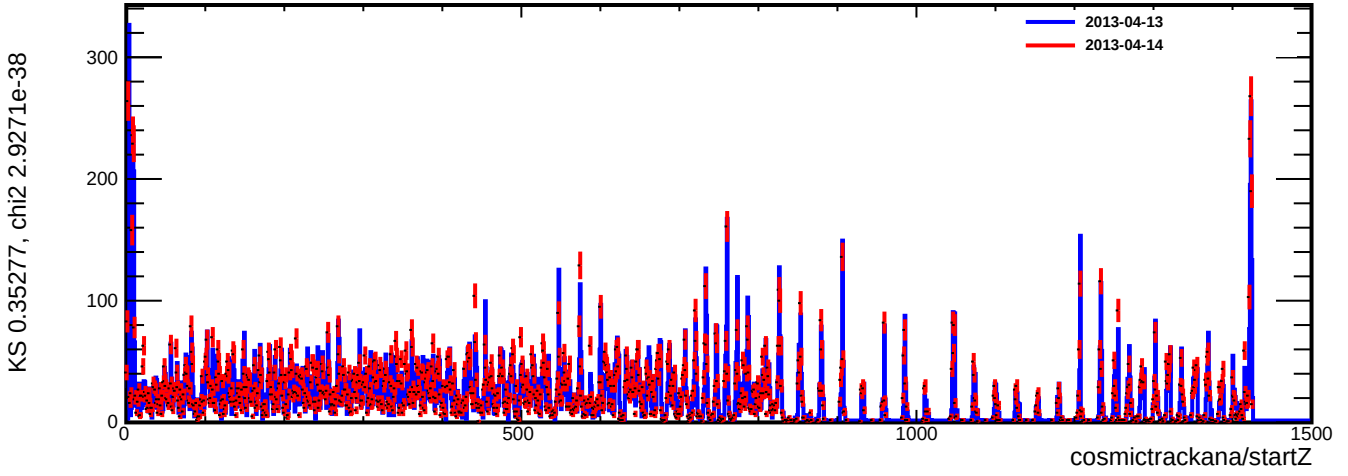

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

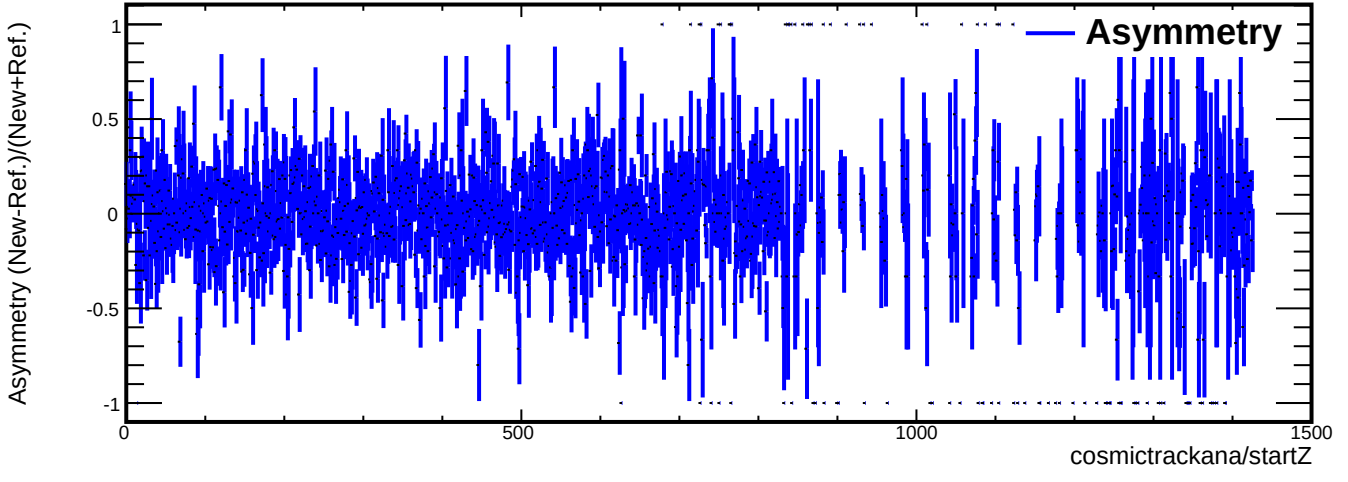

KS 0.567854, chi2 3.69895e-17
2013-04-13
2013-04-14
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

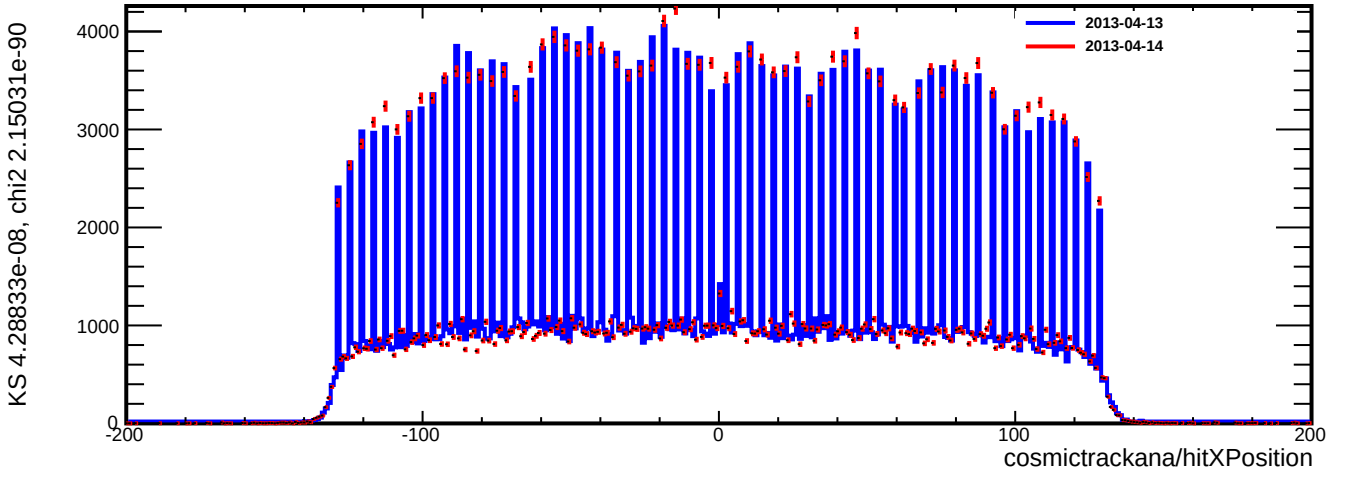

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startX

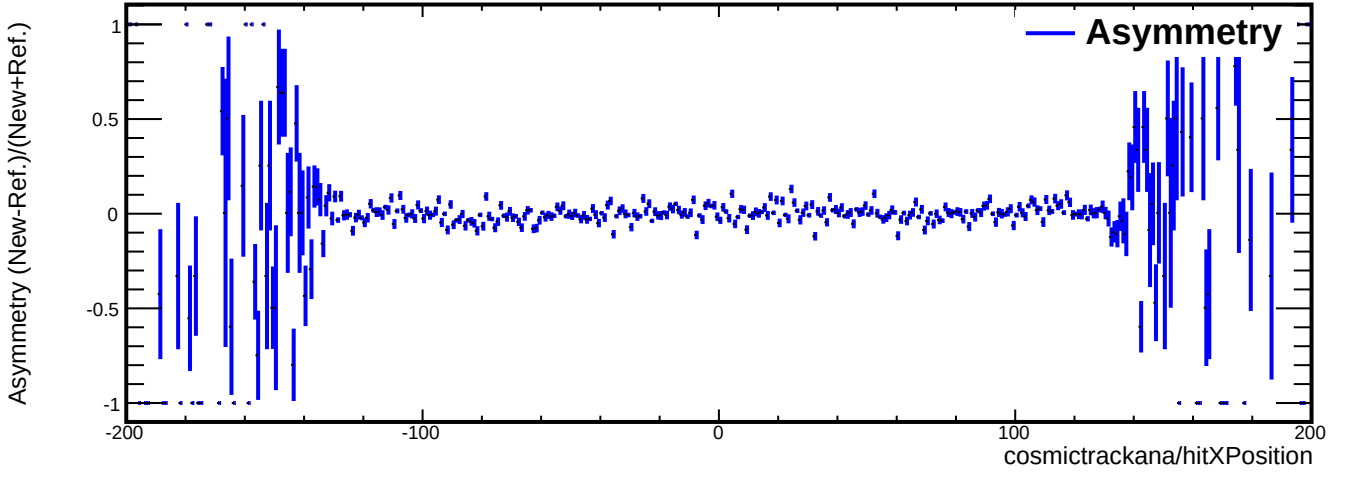

KS 0.844435, chi2 6.53784e-16
2013-04-13
2013-04-14
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

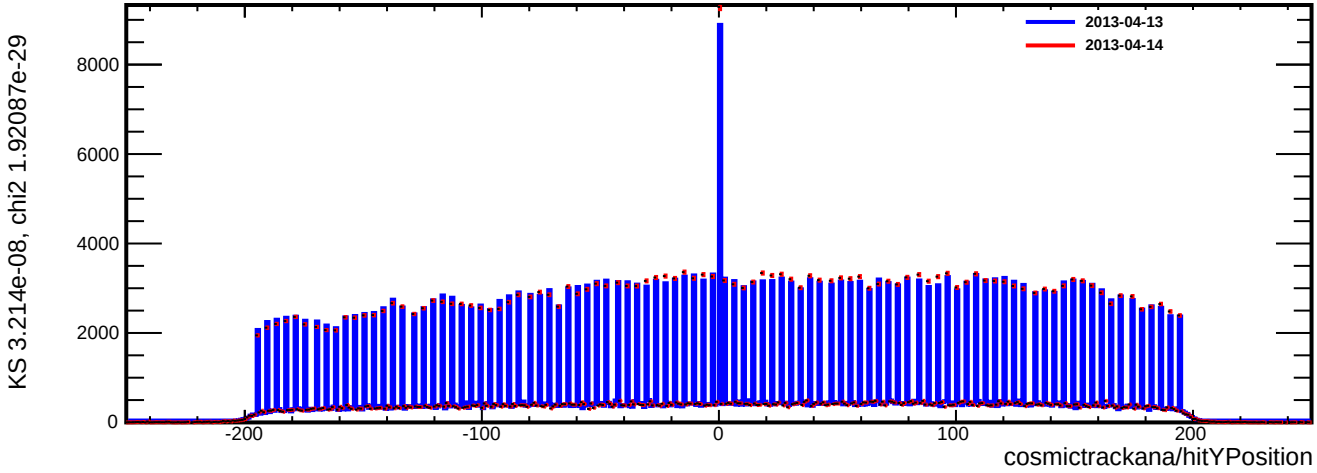

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY

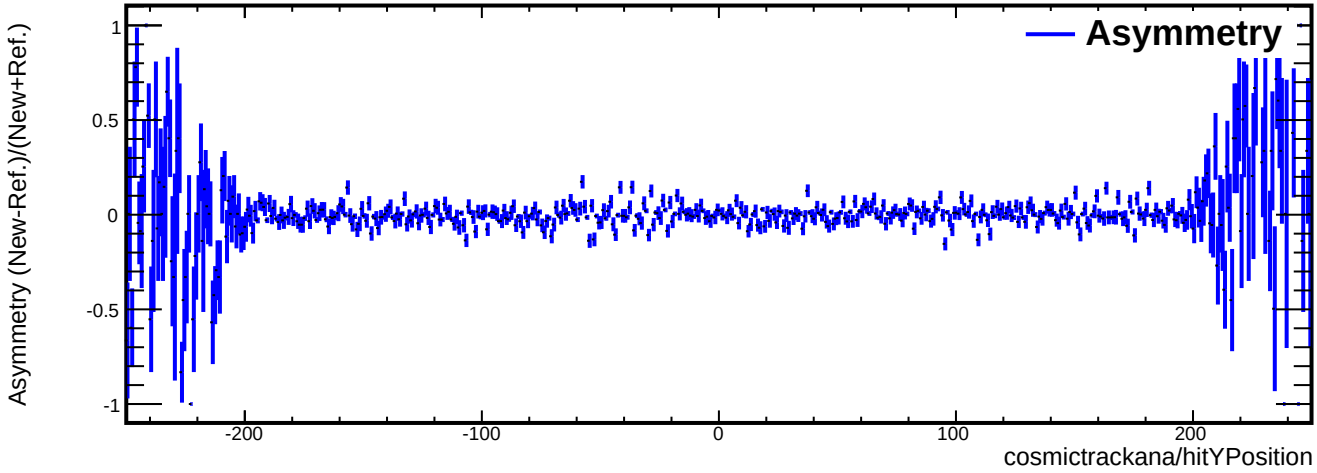

KS 0.35277, chi2 2.9271e-38
2013-04-13
2013-04-14
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

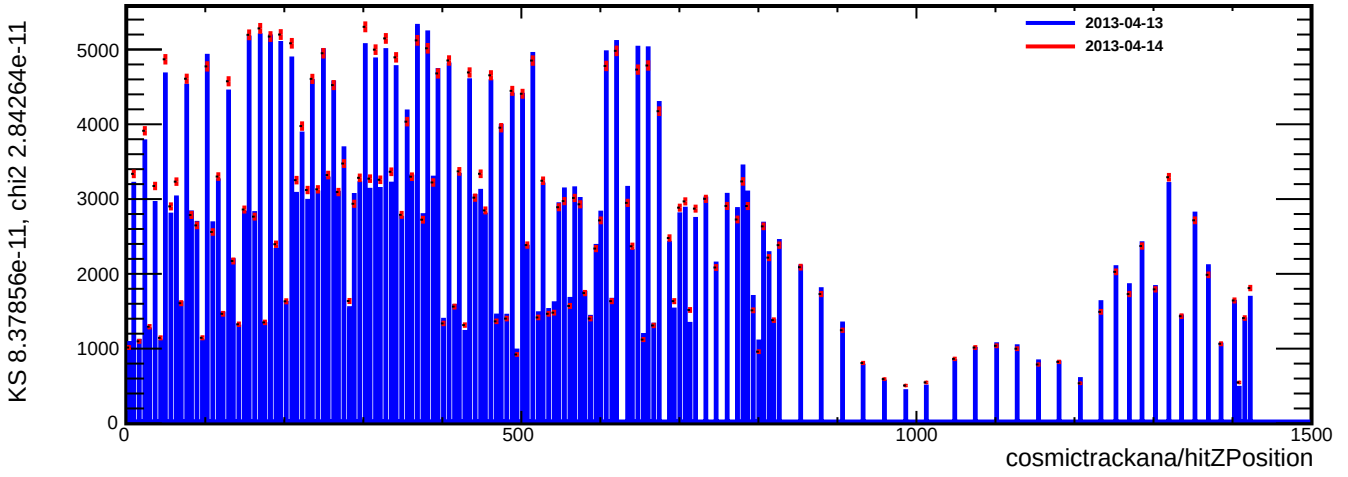

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ

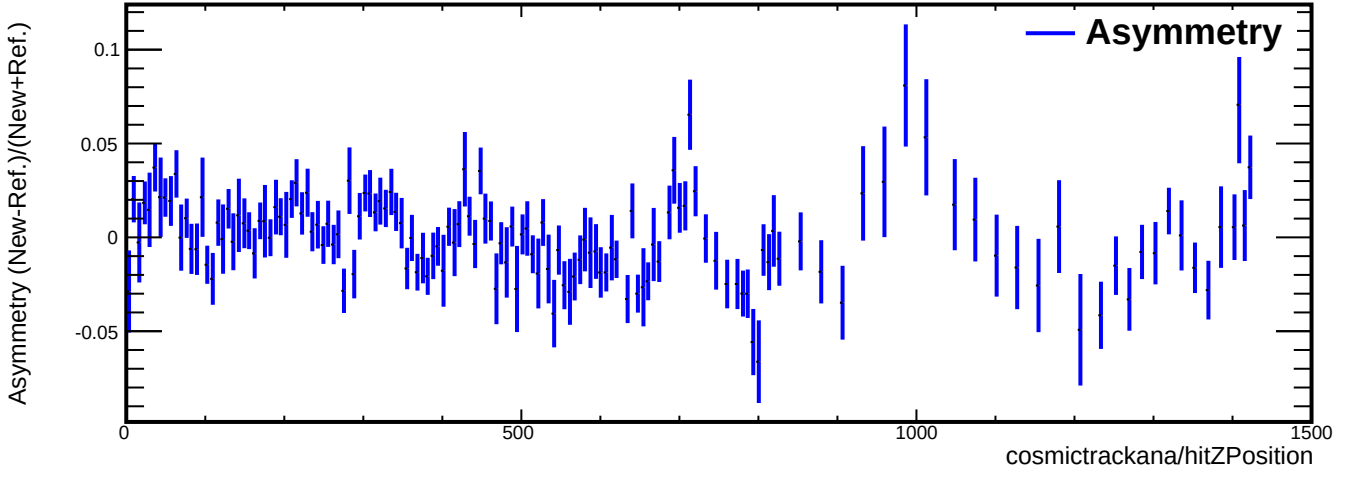

KS 4.28833e-08, chi2 2.15031e-90
2013-04-13
2013-04-14
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

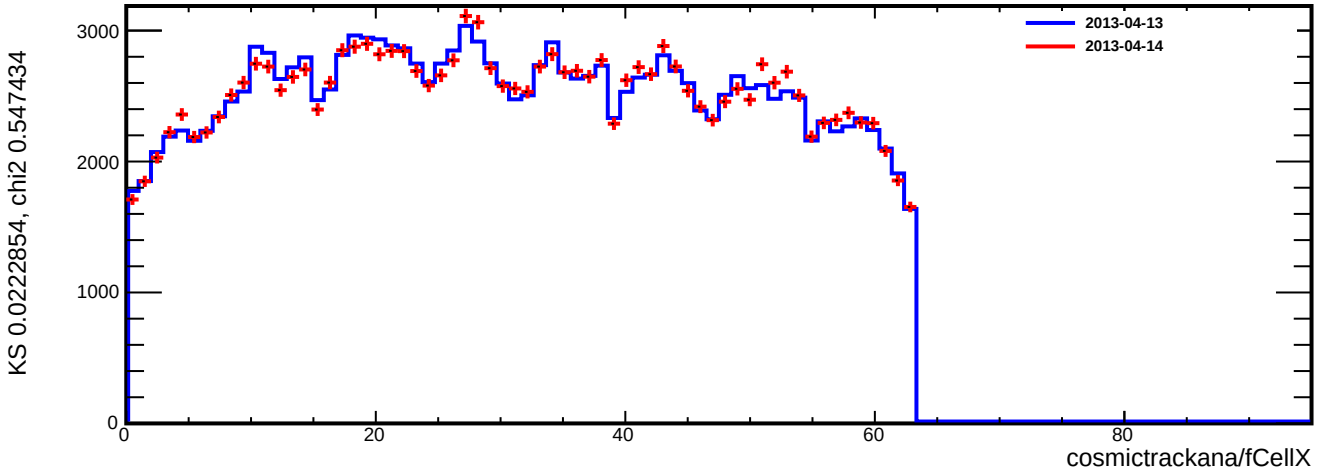

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

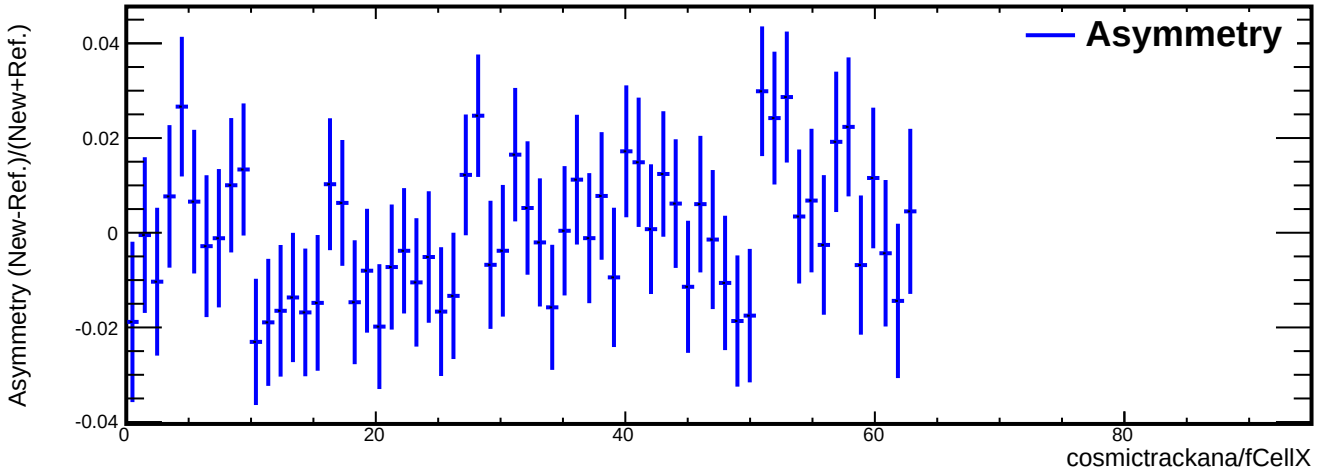

KS 3.214e-08, chi2 1.92087e-29
2013-04-13
2013-04-14
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition

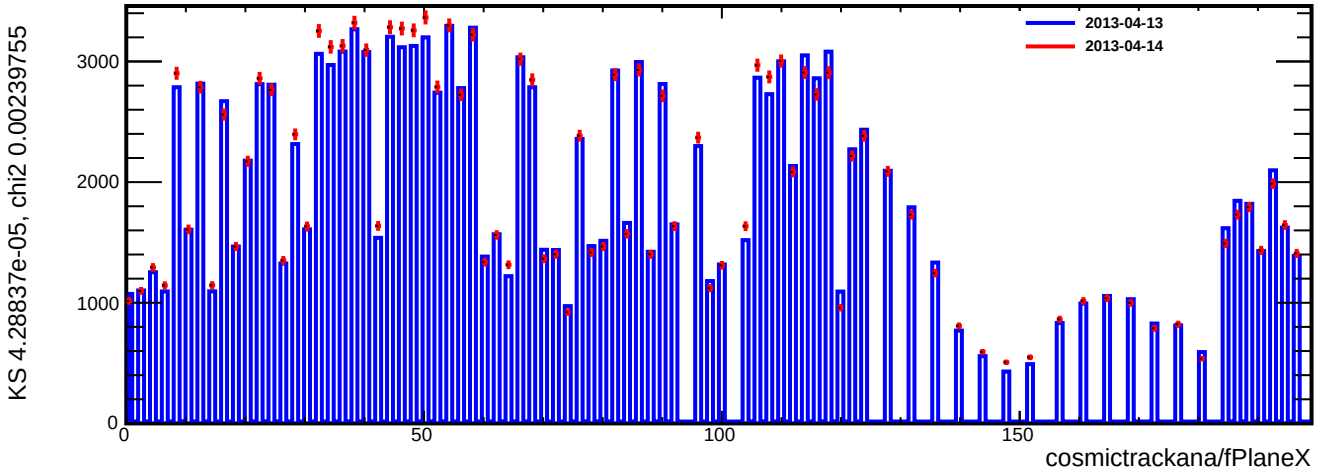

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition

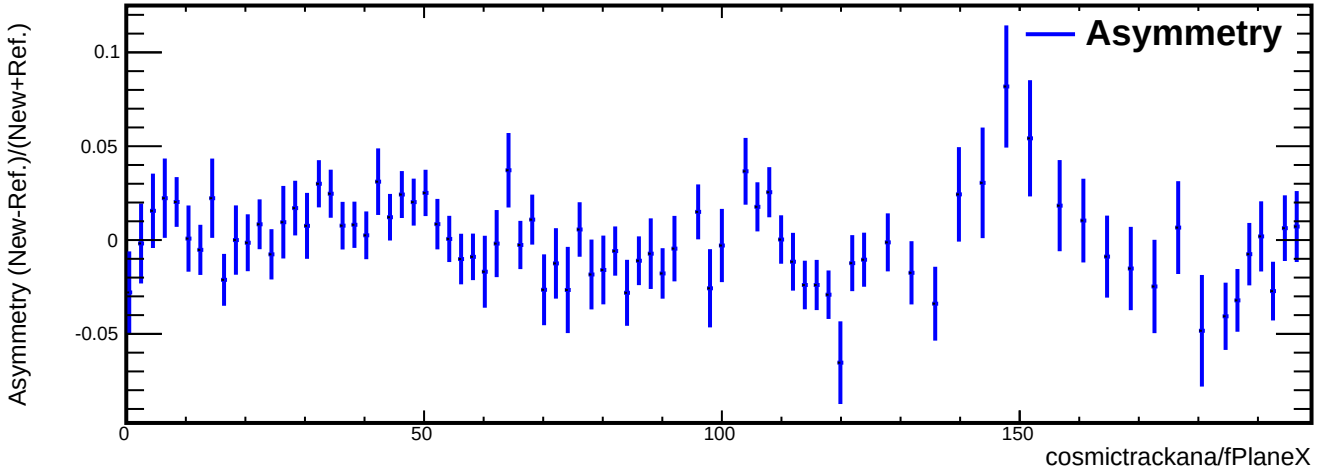

KS 8.37856e-11, chi2 2.84264e-11
2013-04-13
2013-04-14
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

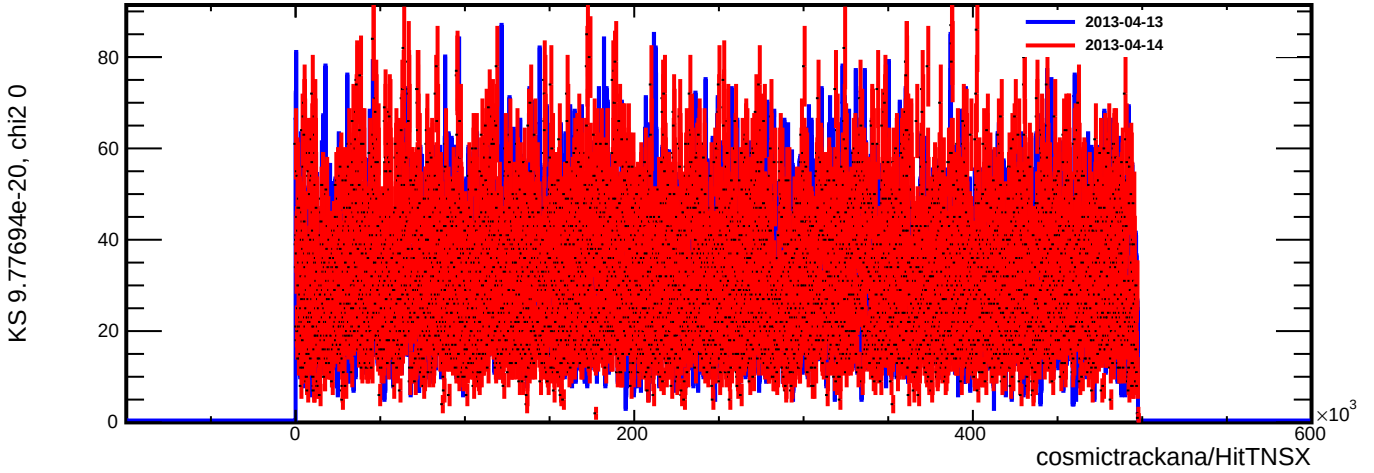

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
0
500
1000
1500
cosmictrackana/hitZPosition

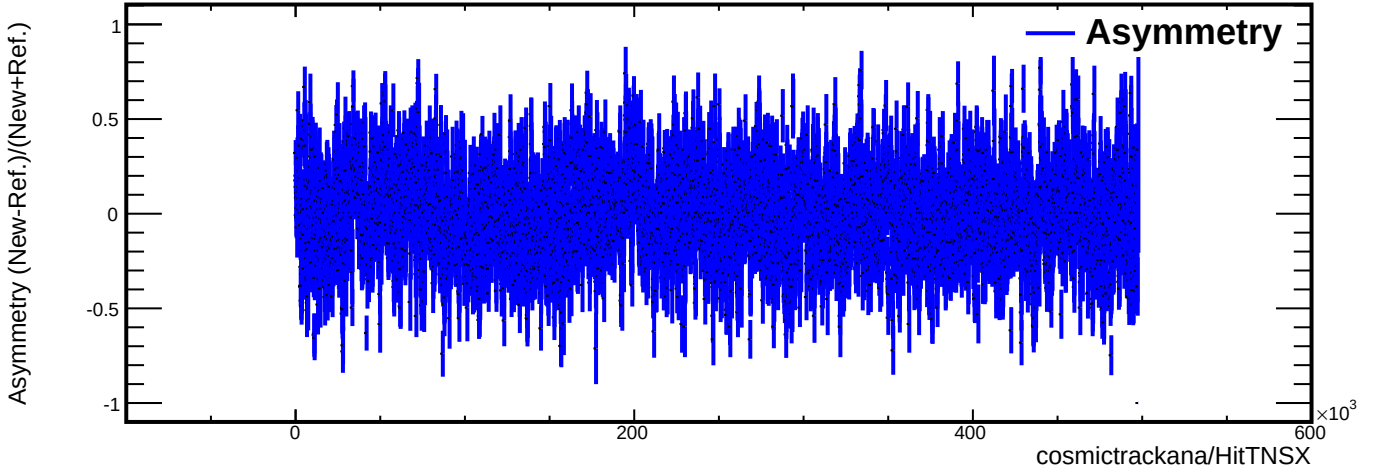

KS 0.0222854, chi2 0.547434
2013-04-13
2013-04-14
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX

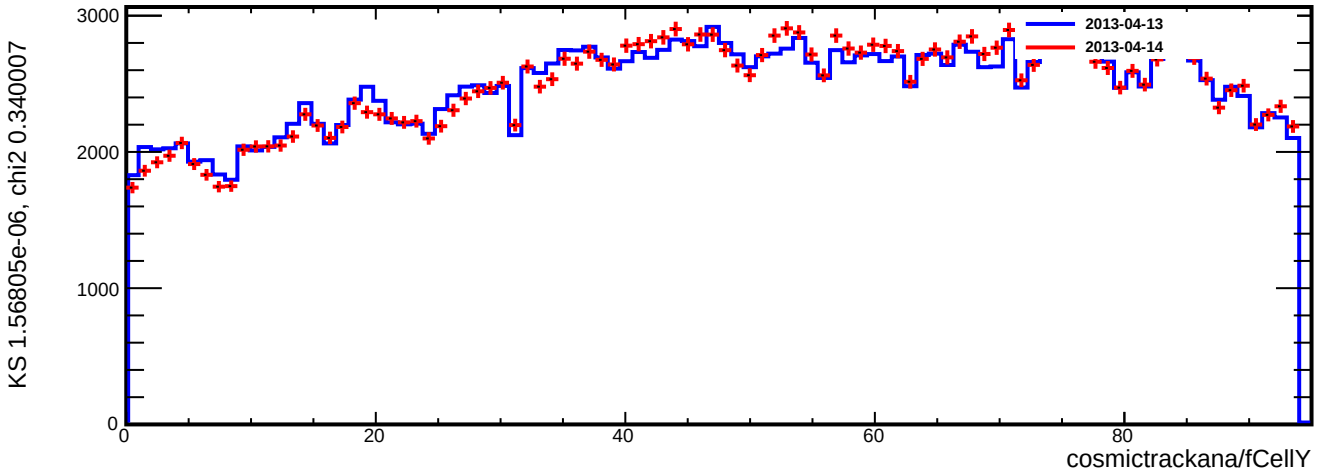

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.04
0.02
0
-0.02
-0.04
0
20
40
60
80
cosmictrackana/fCellX

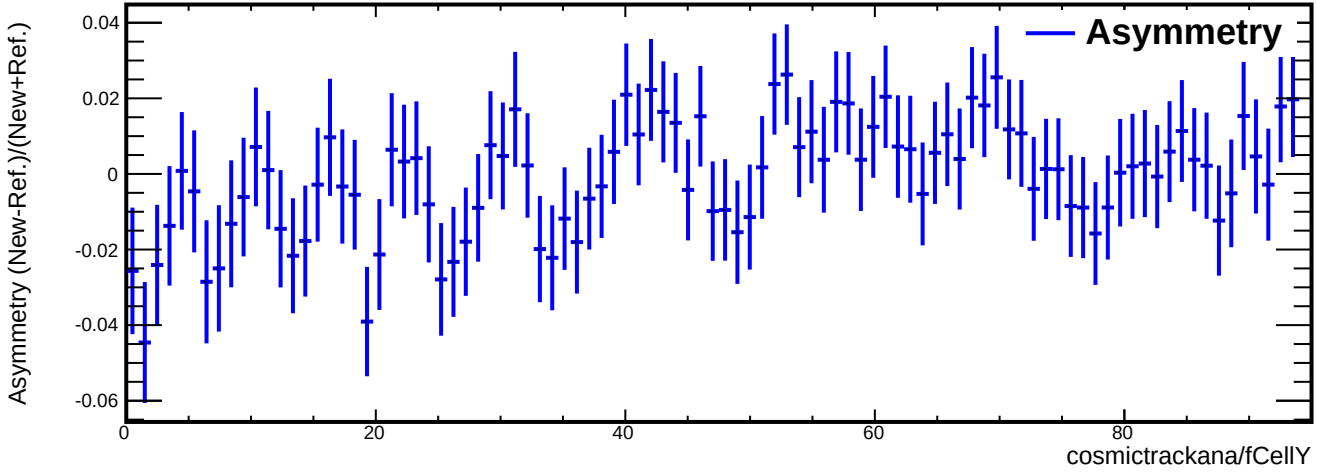

KS 4.28837e-05, chi2 0.00239755
2013-04-13
2013-04-14
3000
2000
1000
0
0
50
100
150
cosmictrackana/fPlaneX


Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
0
50
100
150
cosmictrackana/fPlaneX


2013-04-13
2013-04-14
KS 9.77694e-20, chi2 0
0
20
40
60
80
0
200
400
600
×10^3
cosmictrackana/HitTNSX


Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX


KS 1.56805e-06, chi2 0.340007
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellY
2013-04-13
2013-04-14


Asymmetry (New-Ref.)/(New+Ref.)
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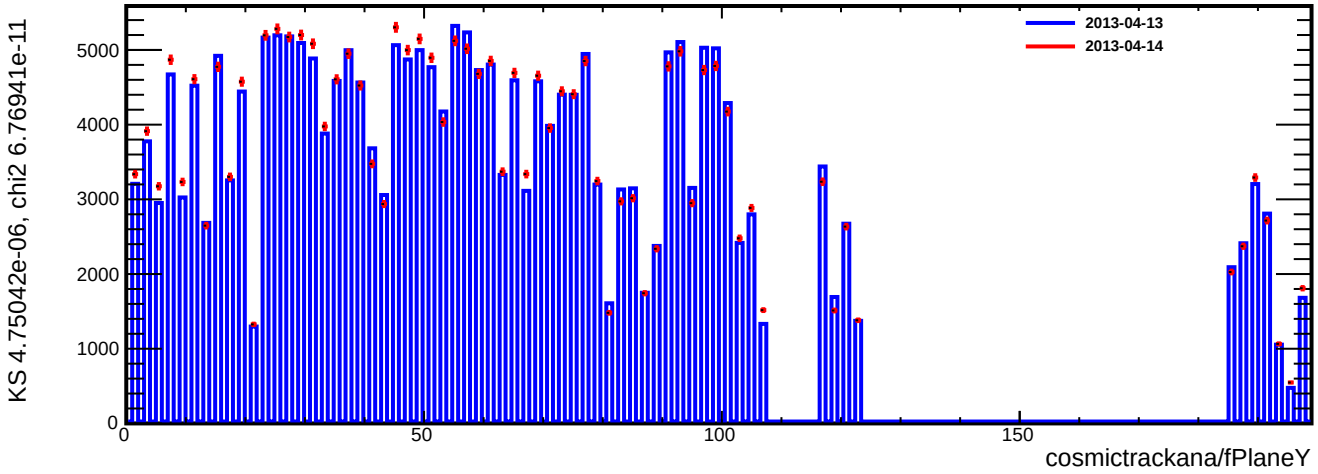
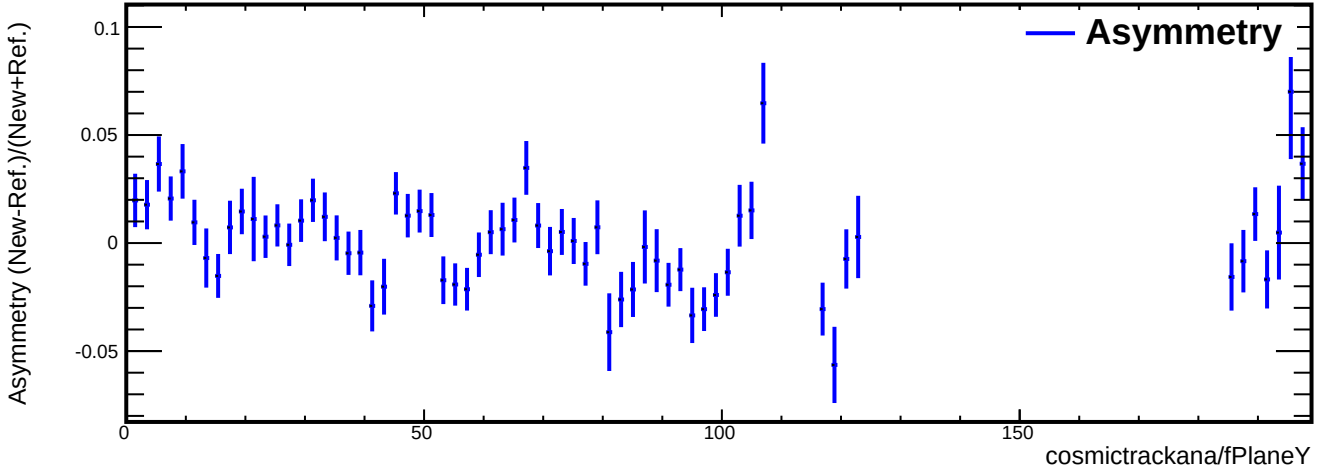
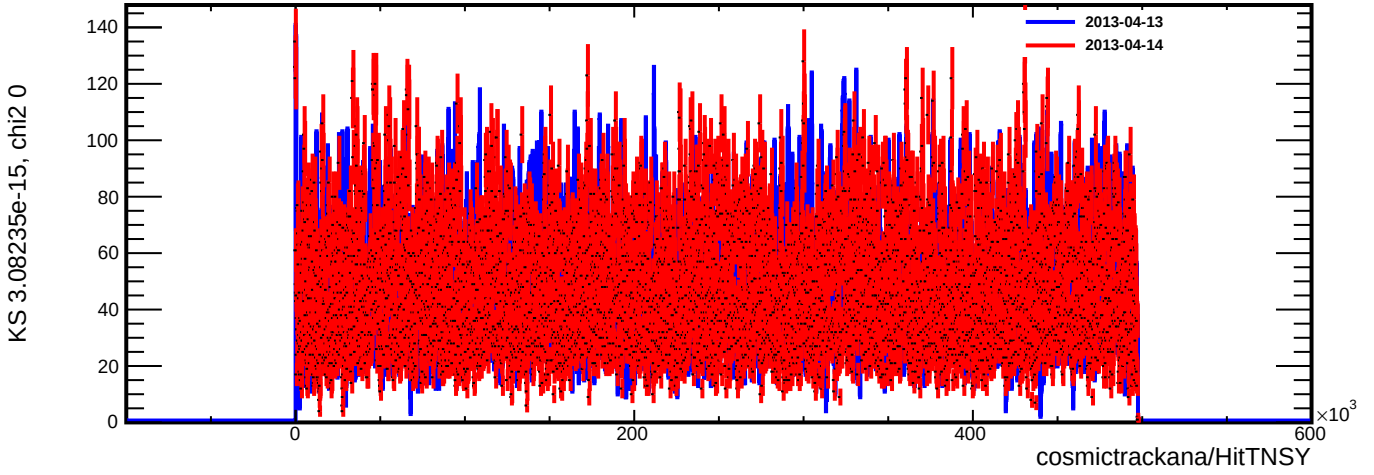
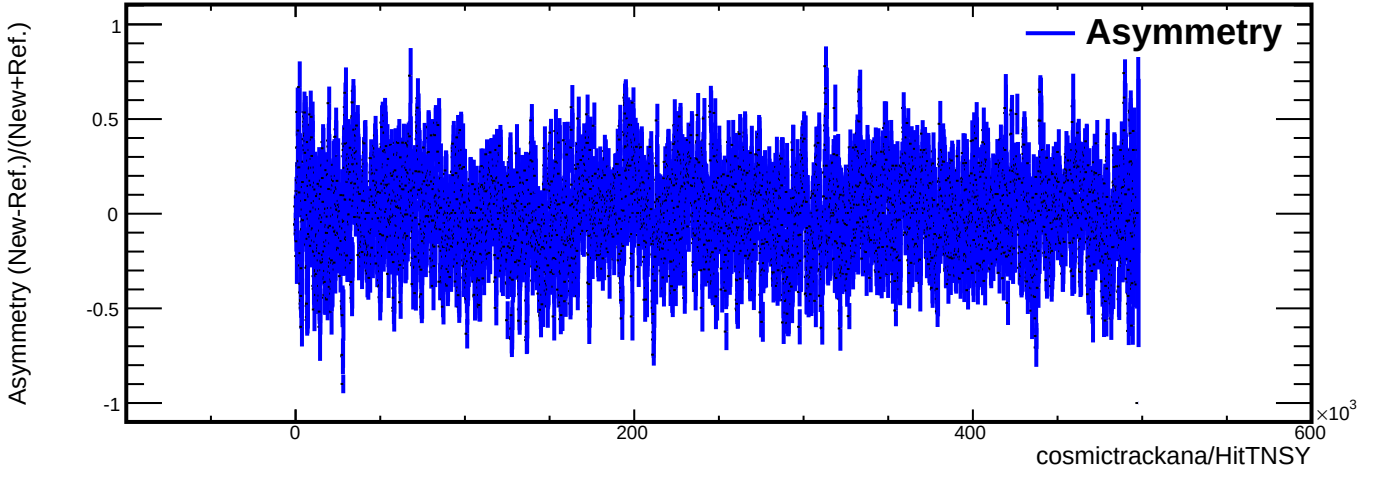
0.02
0
-0.02
-0.04
-0.06
0
20
40
60
80
cosmictrackana/fCellY
Asymmetry


KS 4.75042e-06, chi2 6.76941e-11
2013-04-13
2013-04-14
0
1000
2000
3000
4000
5000
0
50
100
150
cosmictrackana/fPlaneY


Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
0
50
100
150
cosmictrackana/fPlaneY


KS 3.08235e-15, chi2 0
2013-04-13
2013-04-14
140
120
100
80
60
40
20
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY


Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSY