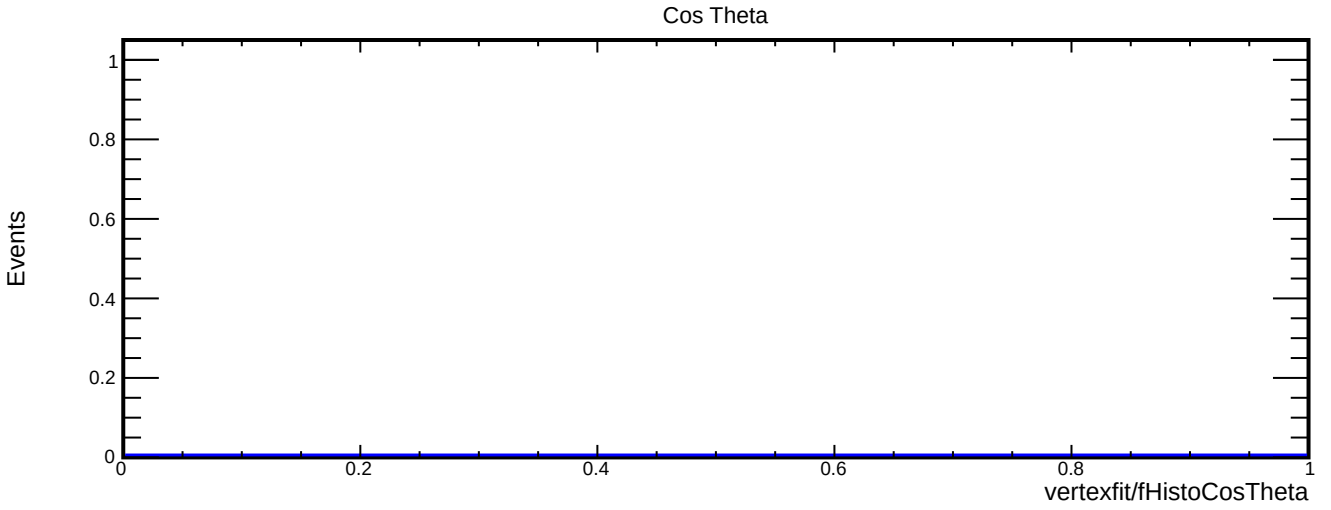
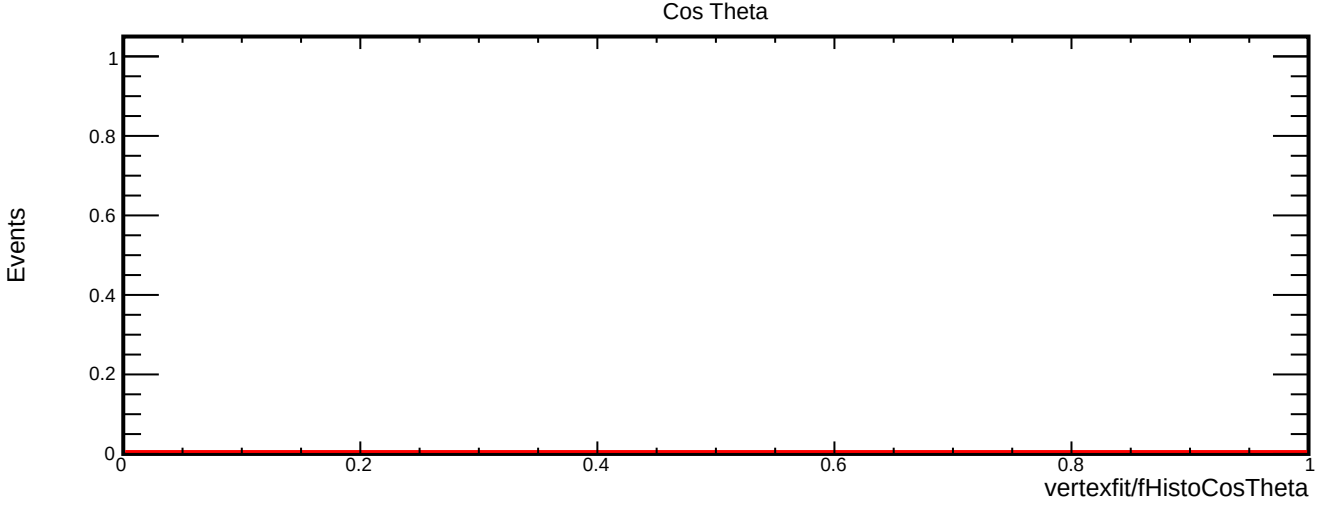
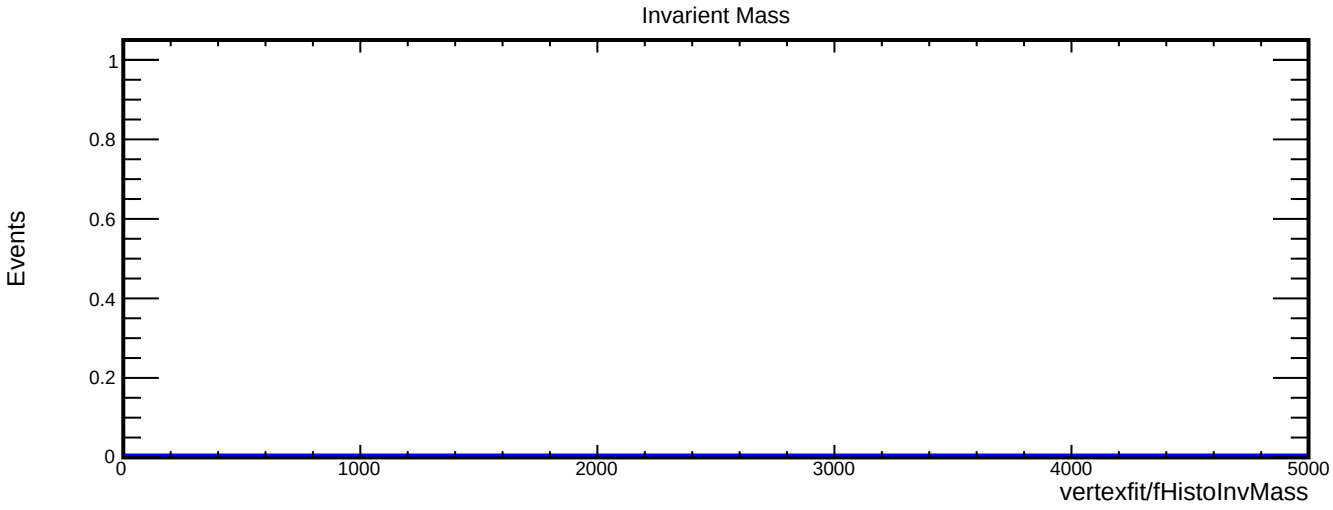
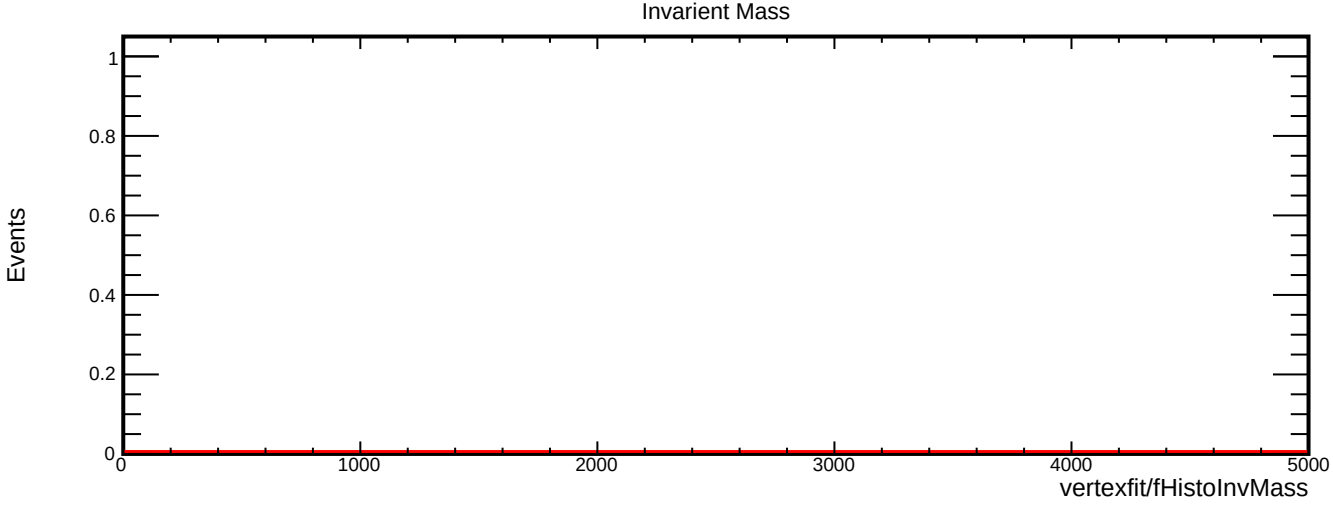
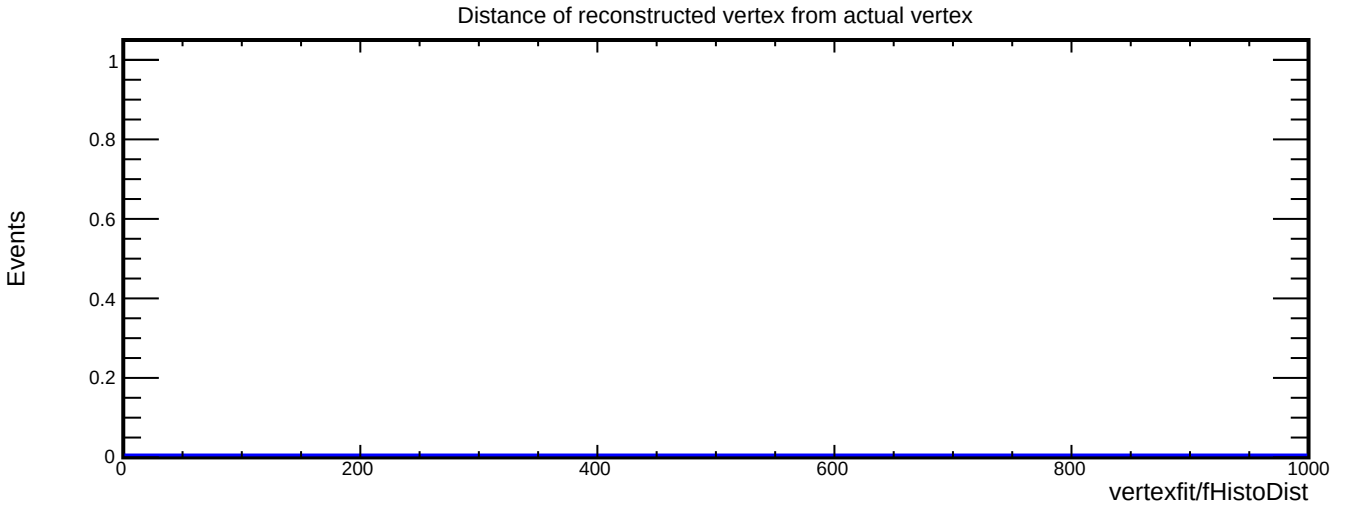
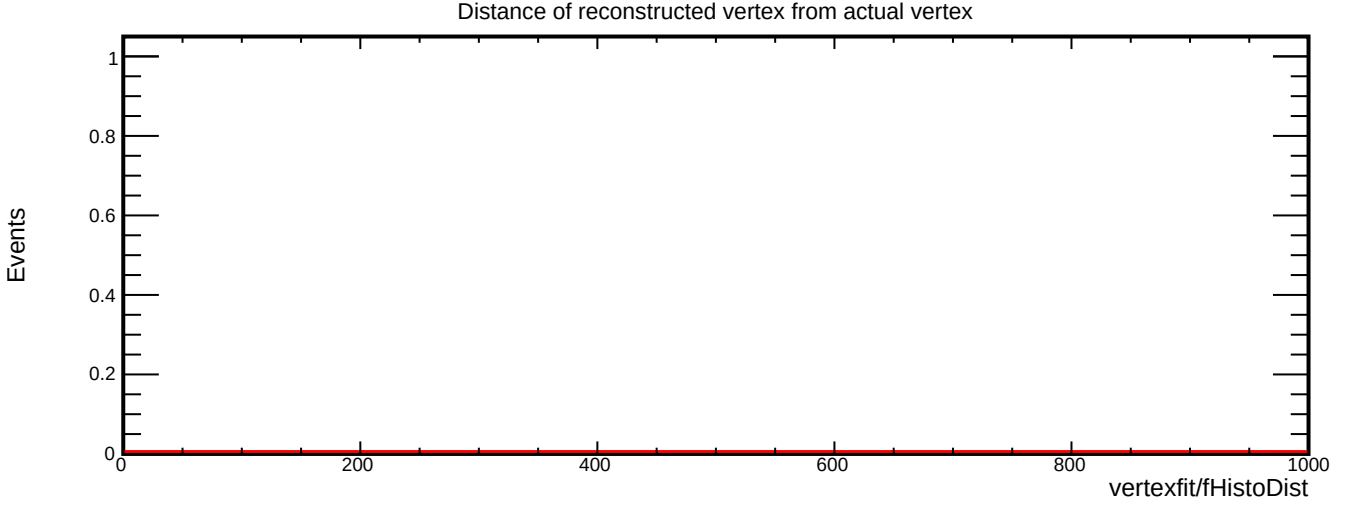

Cos Theta
Events
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
vertexfit/fHistoCosTheta

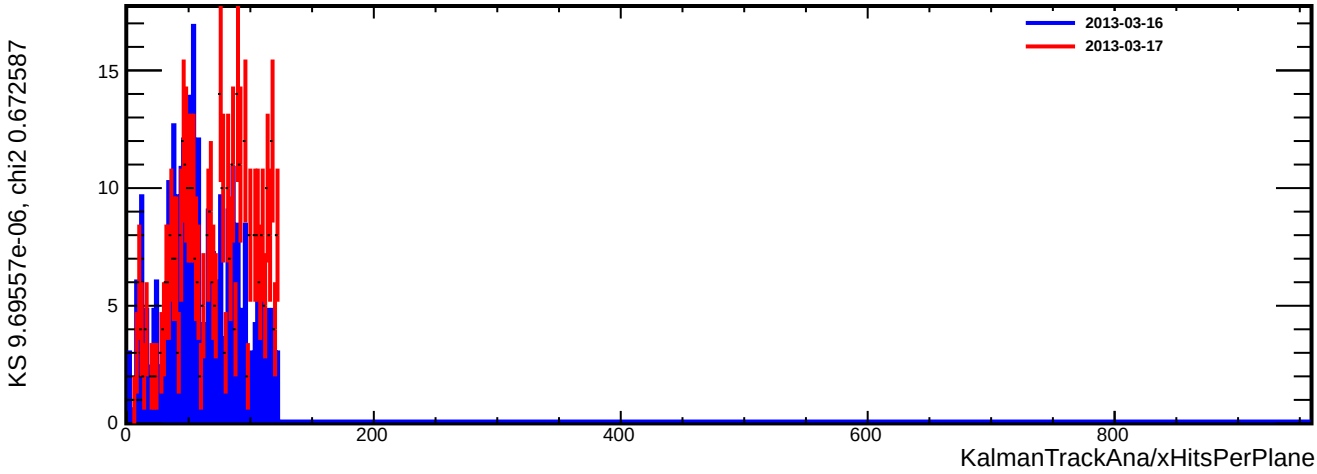

Cos Theta
Events
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
vertexfit/fHistoCosTheta

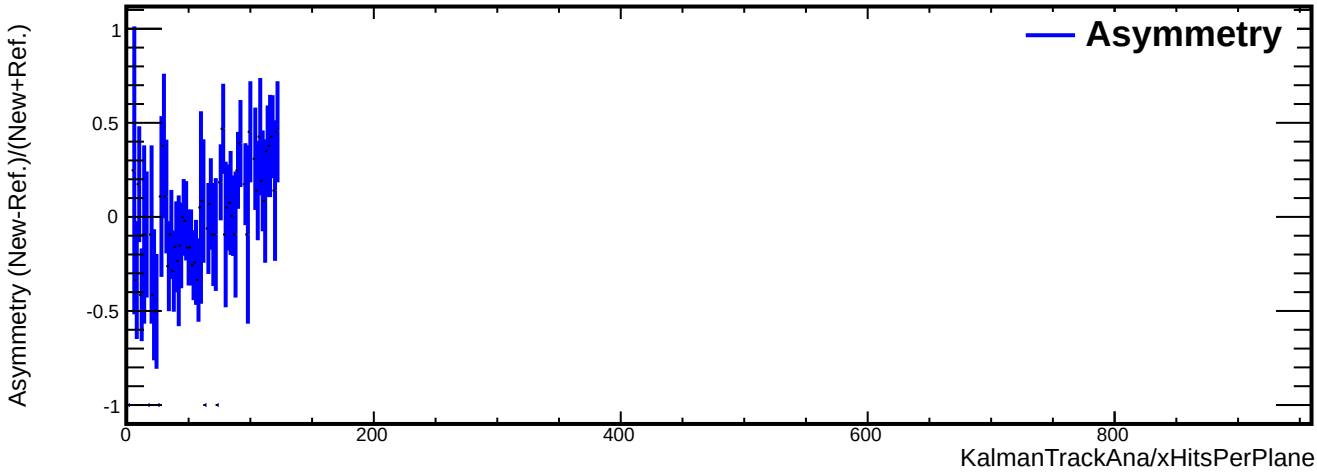

Invarient Mass
Events
1
0.8
0.6
0.4
0.2
0
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

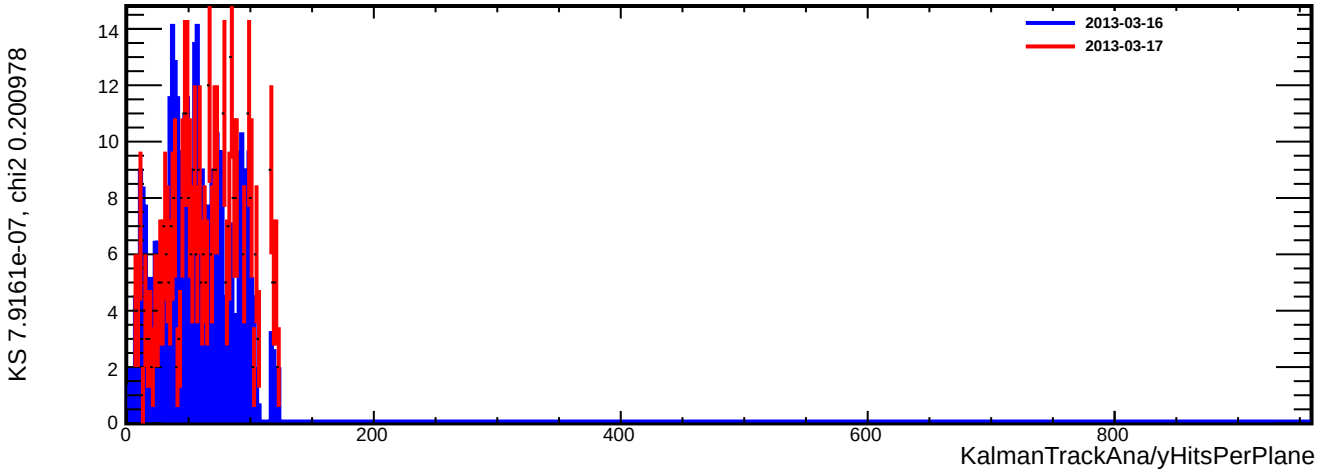

Invarient Mass
Events
1
0.8
0.6
0.4
0.2
0
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

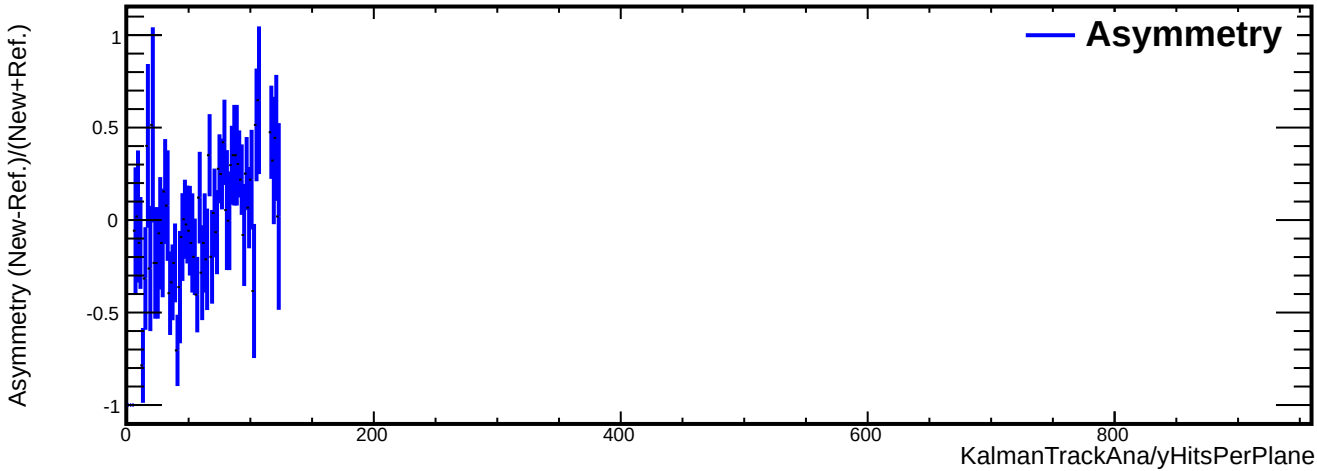

Distance of reconstructed vertex from actual vertex
Events
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
vertexfit/fHistoDist

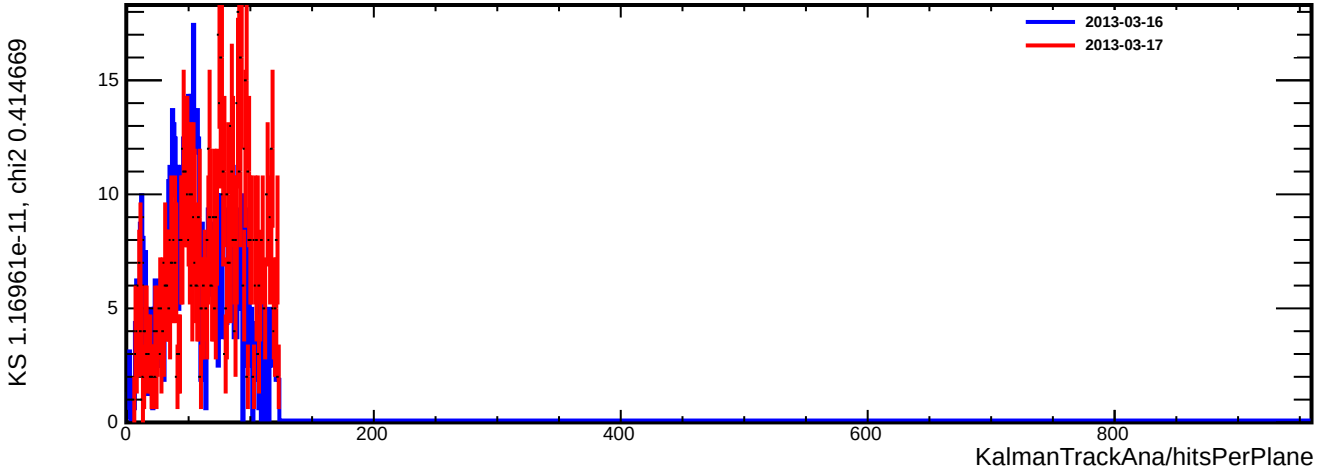

Distance of reconstructed vertex from actual vertex
Events
1
0.8
0.6
0.4
0.2
0
0
200
400
600
800
1000
vertexfit/fHistoDist

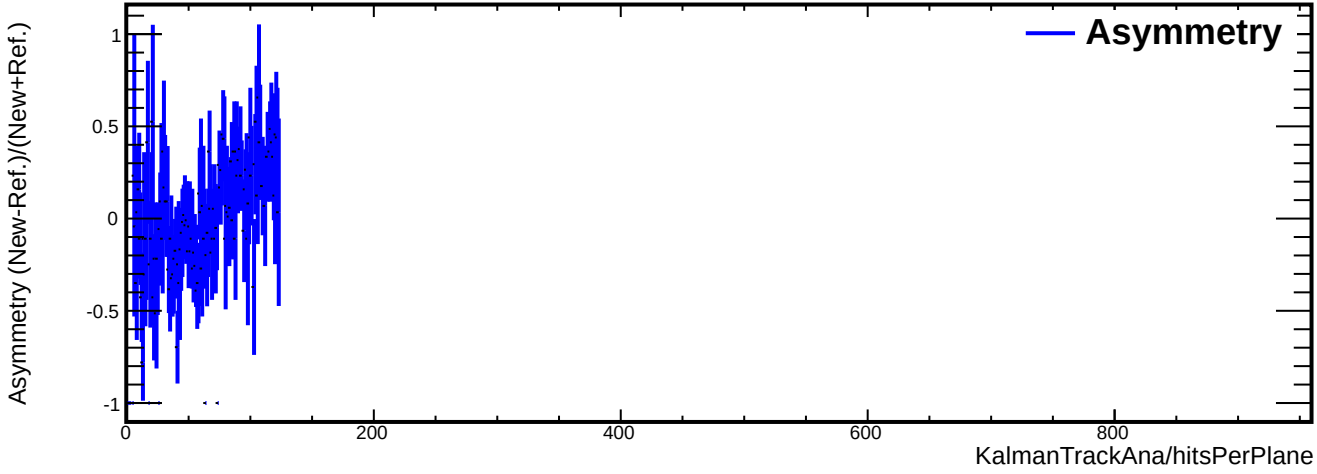

KS 9.69557e-06, chi2 0.672587
2013-03-16
2013-03-17
0
5
10
15
0
200
400
600
800
KalmanTrackAna/xHitsPerPlane

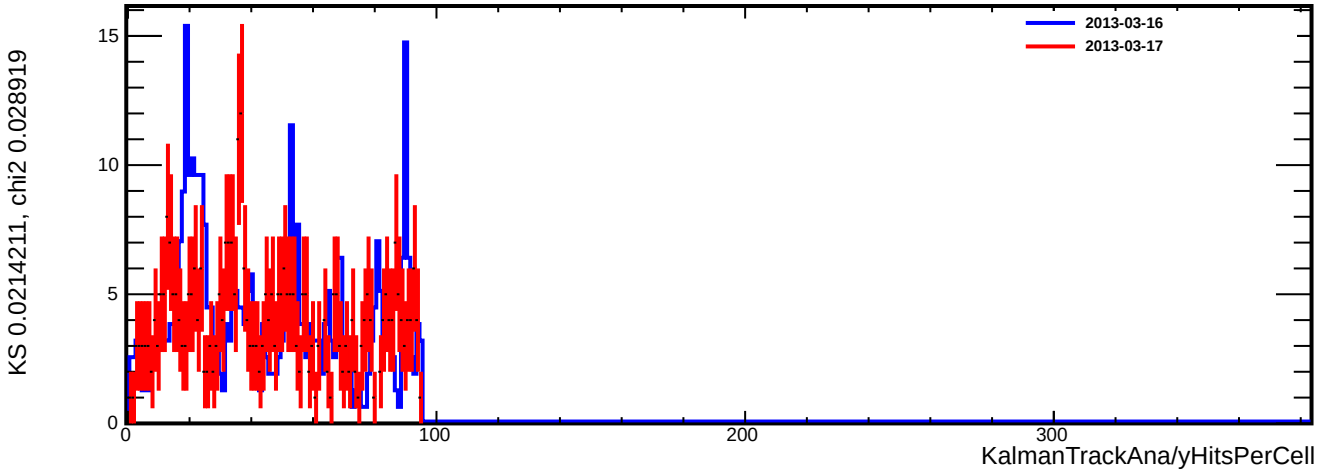

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
KalmanTrackAna/xHitsPerPlane

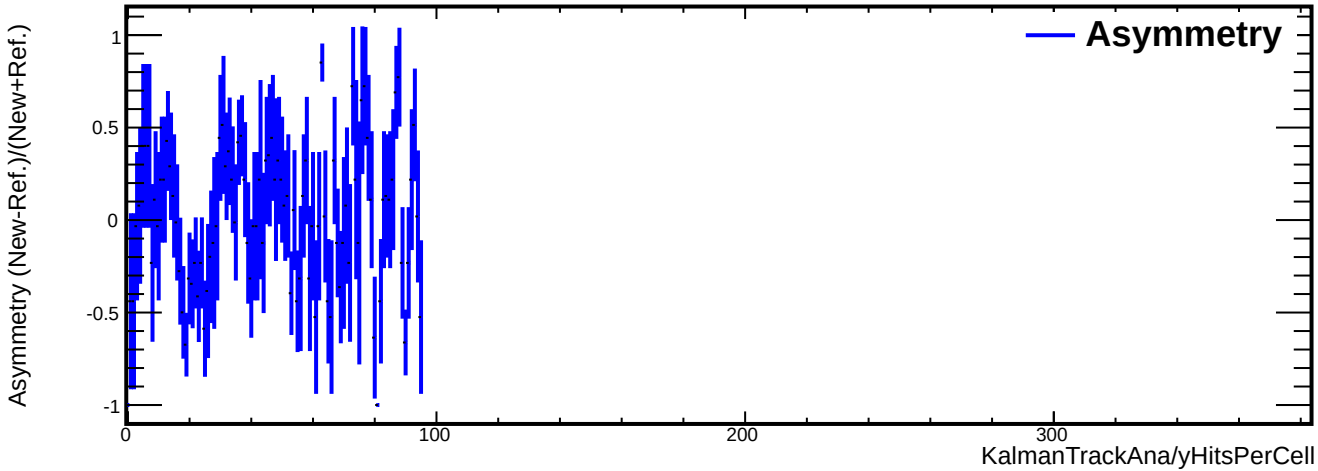

KS 7.9161e-07, chi2 0.200978
2013-03-16
2013-03-17
0
2
4
6
8
10
12
14
0
200
400
600
800
KalmanTrackAna/yHitsPerPlane

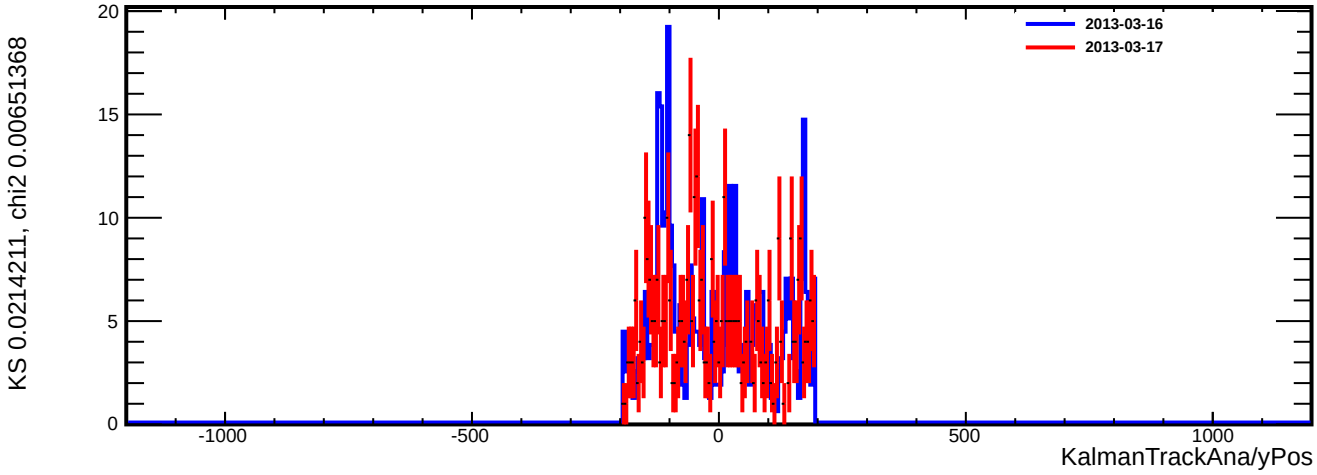

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
KalmanTrackAna/yHitsPerPlane

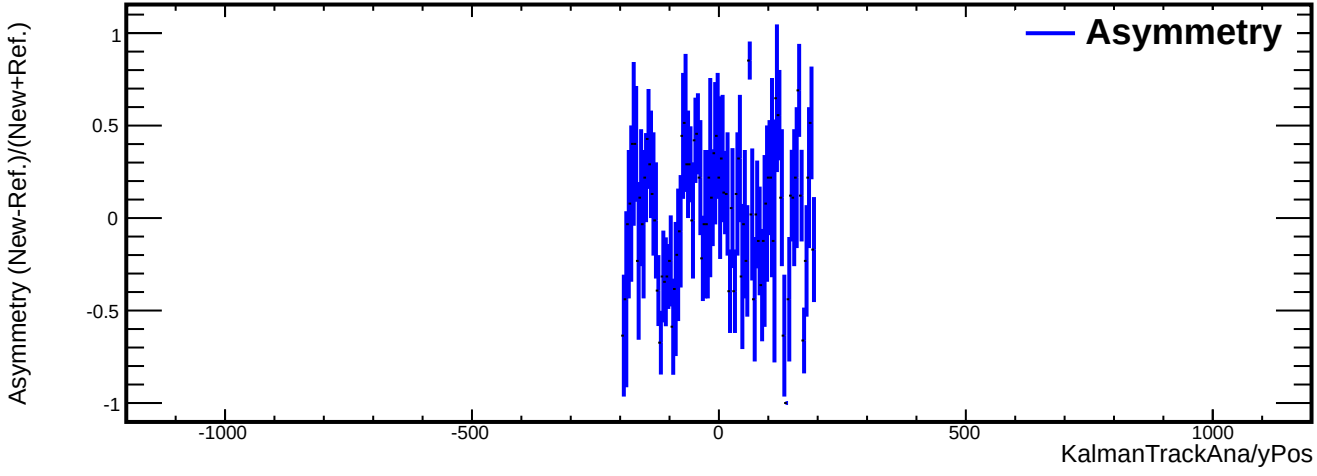

KS 1.16961e-11, chi2 0.414669
2013-03-16
2013-03-17
0
5
10
15
0
200
400
600
800
KalmanTrackAna/hitsPerPlane

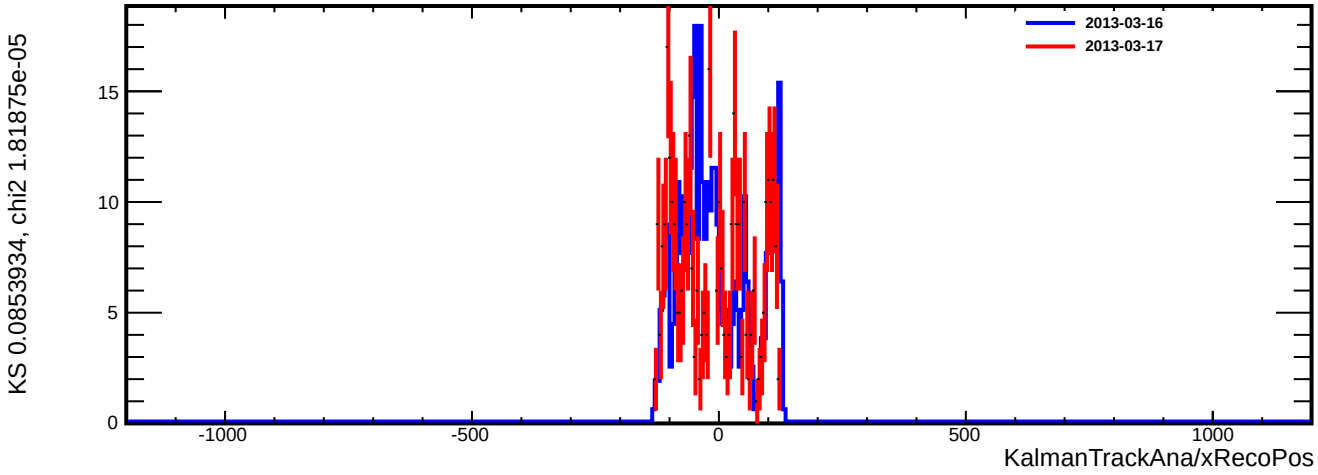

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
KalmanTrackAna/hitsPerPlane

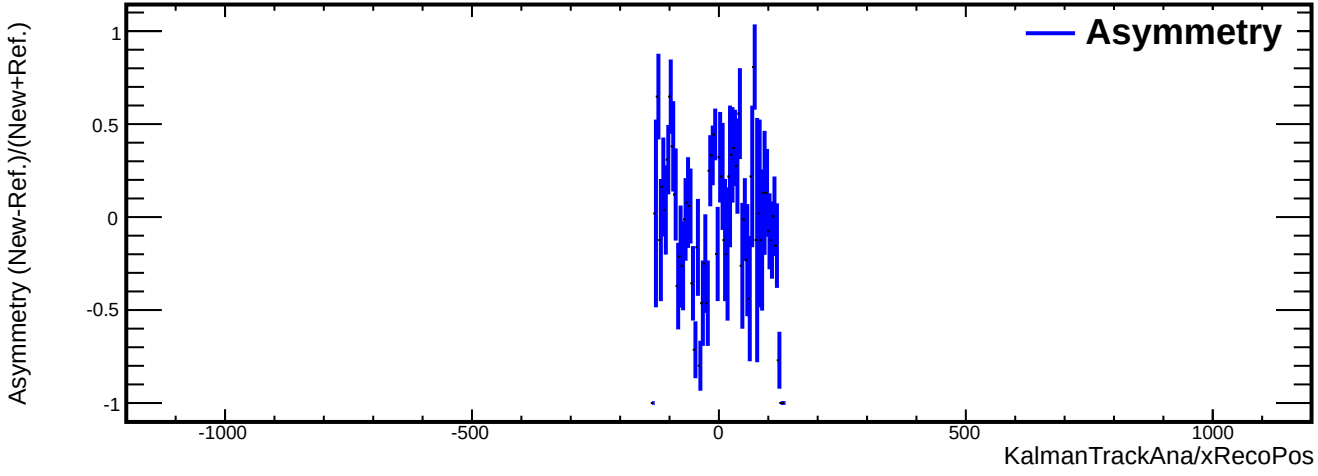

KS 0.0214211, chi2 0.028919
2013-03-16
2013-03-17
15
10
5
0
0
100
200
300
KalmanTrackAna/yHitsPerCell

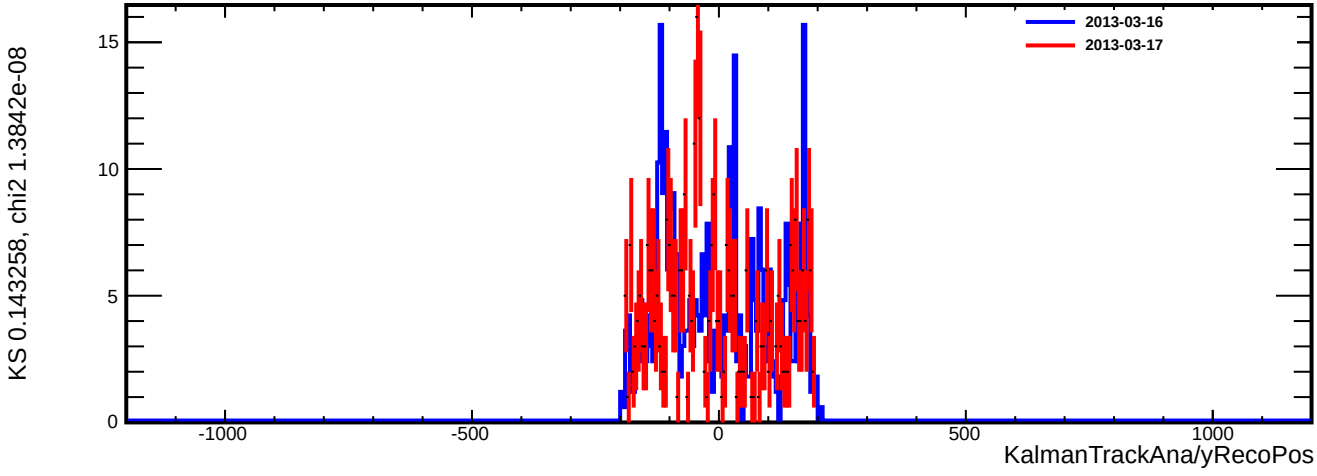

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
100
200
300
KalmanTrackAna/yHitsPerCell

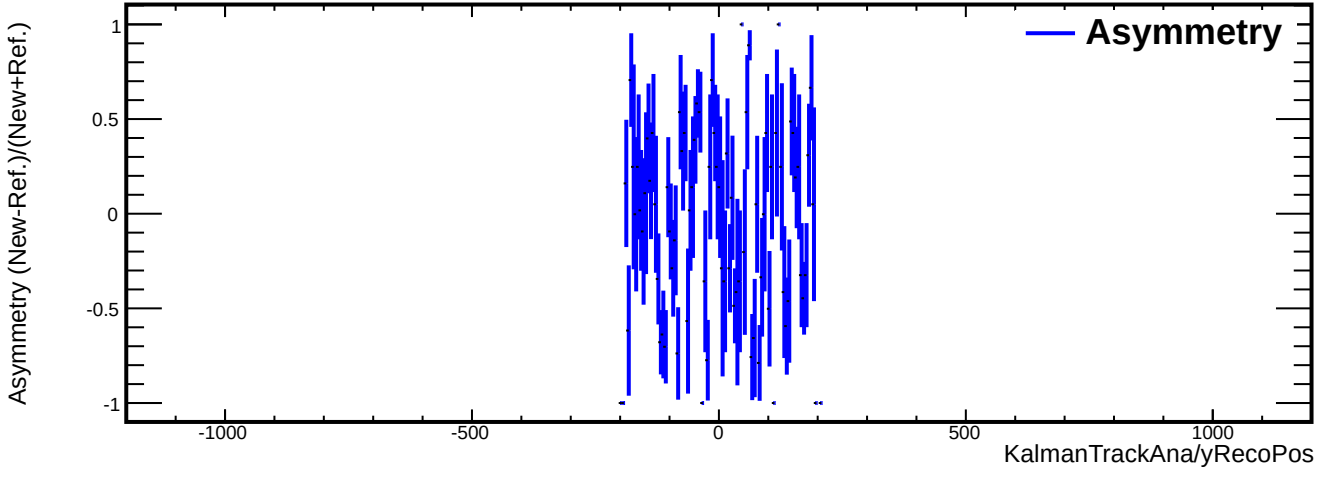

KS 0.0214211, chi2 0.00651368
2013-03-16
2013-03-17
20
15
10
5
0
-1000
-500
0
500
1000
KalmanTrackAna/yPos

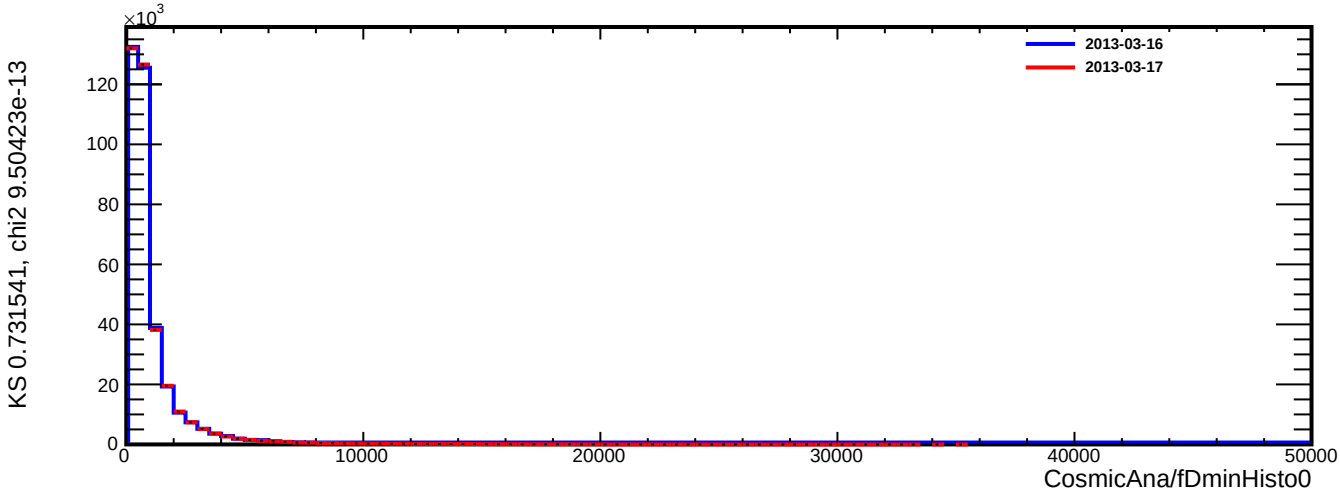

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/yPos

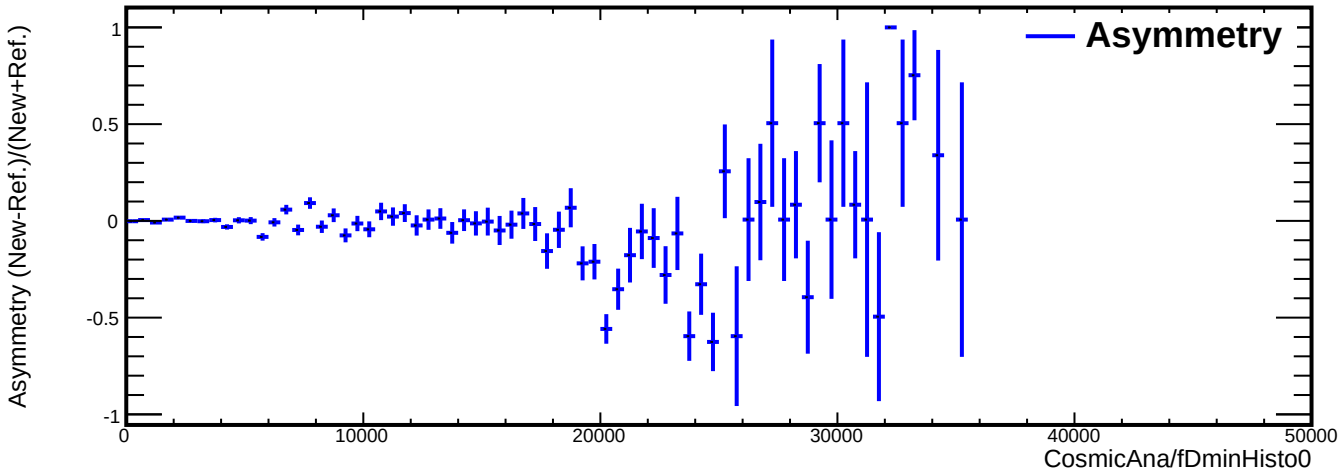

KS 0.0853934, chi2 1.81875e-05
2013-03-16
2013-03-17
15
10
5
0
-1000
-500
0
500
1000
KalmanTrackAna/xRecoPos

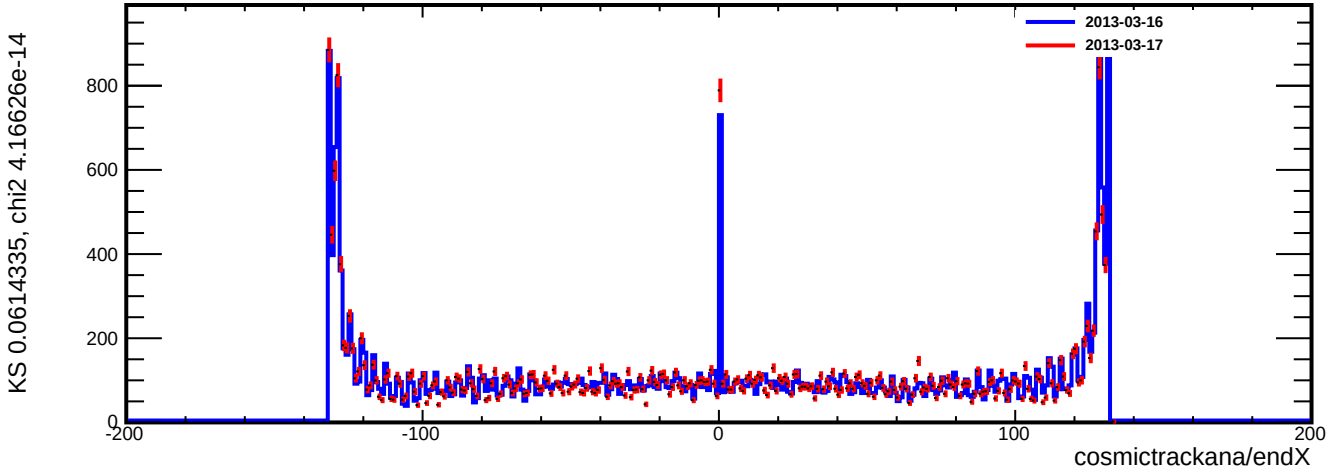

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/xRecoPos

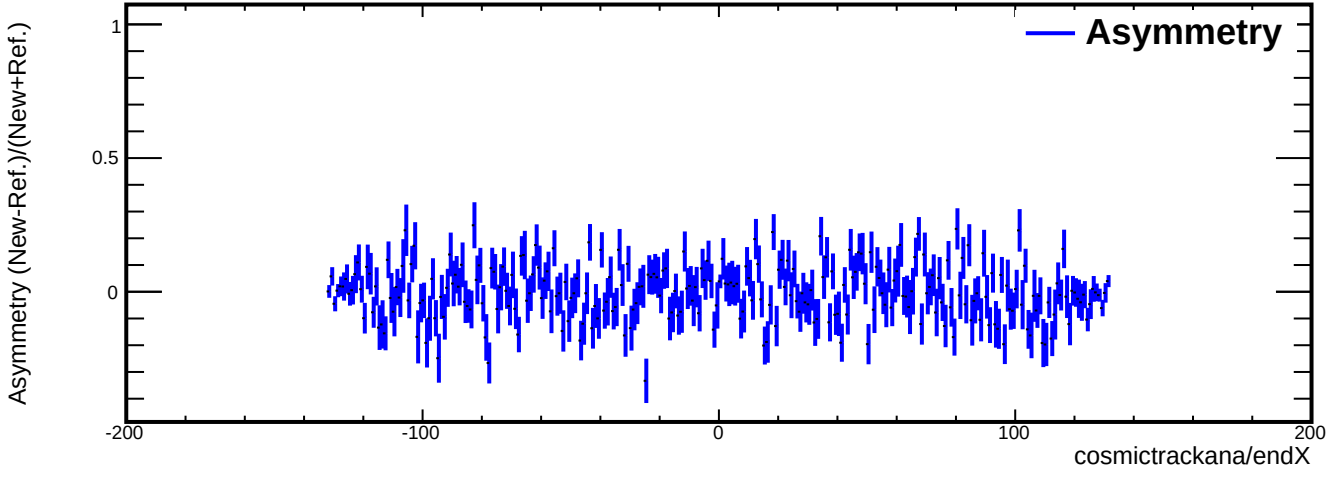

KS 0.143258, chi2 1.3842e-08
2013-03-16
2013-03-17
15
10
5
0
-1000
-500
0
500
1000
KalmanTrackAna/yRecoPos

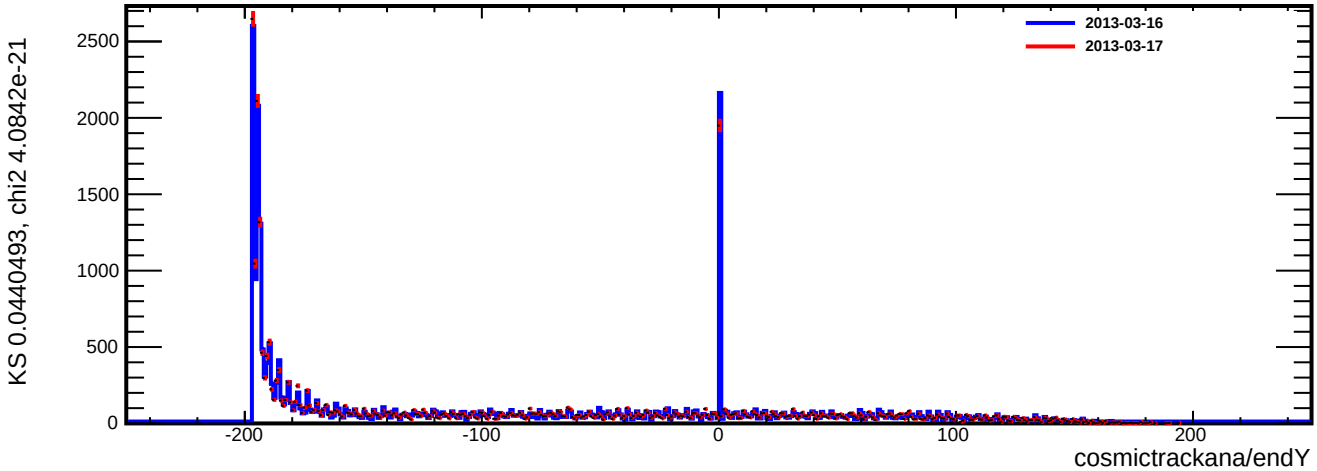

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1000
-500
0
500
1000
KalmanTrackAna/yRecoPos

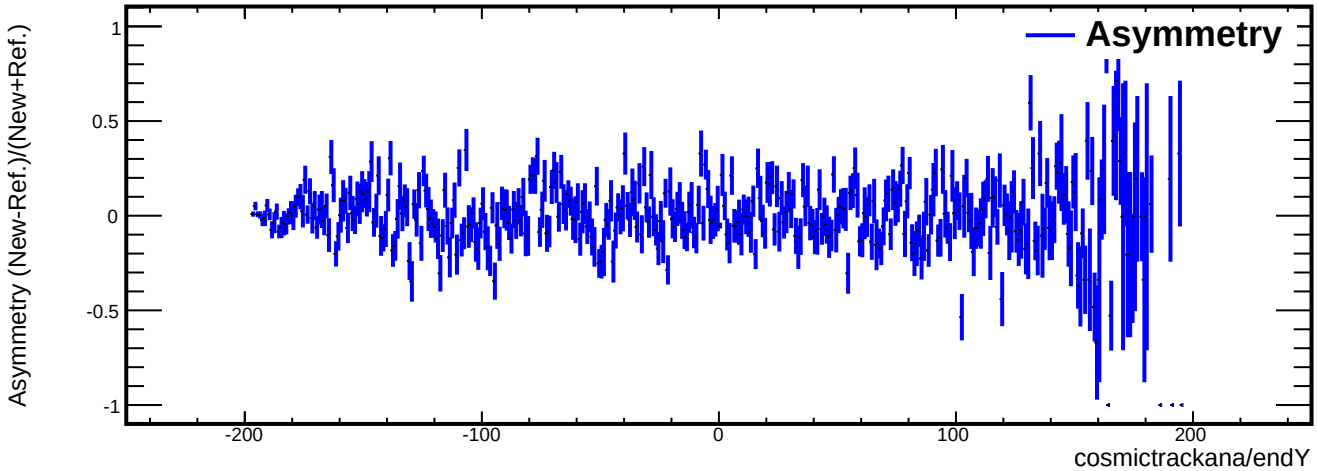

KS 0.731541, chi2 9.50423e-13
×10^3
2013-03-16
2013-03-17
CosmicAna/fDminHisto0

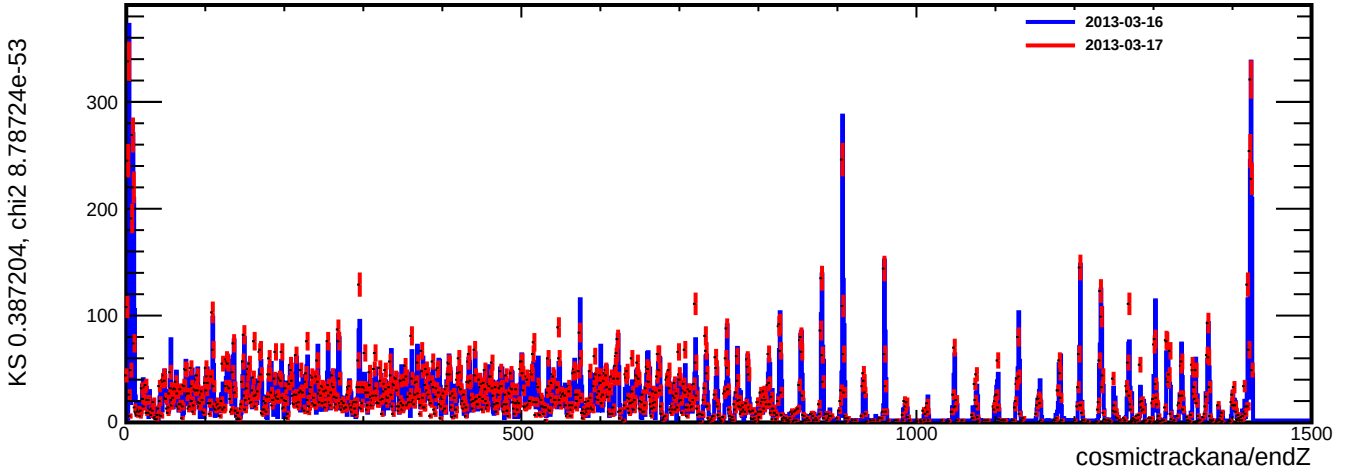

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
CosmicAna/fDminHisto0

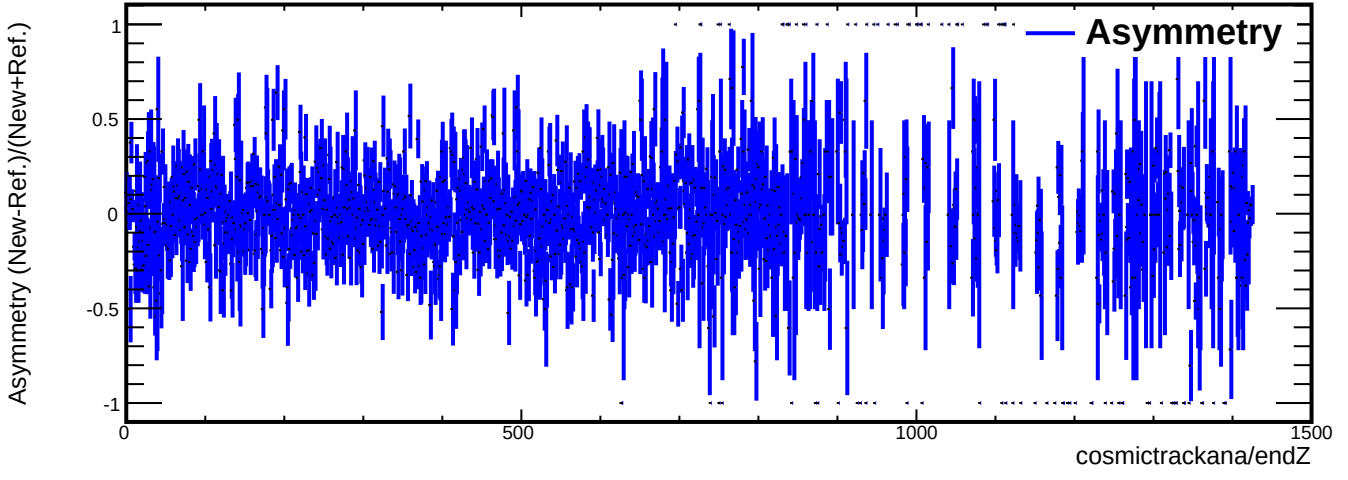

KS 0.0614335, chi2 4.16626e-14
2013-03-16
2013-03-17
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX

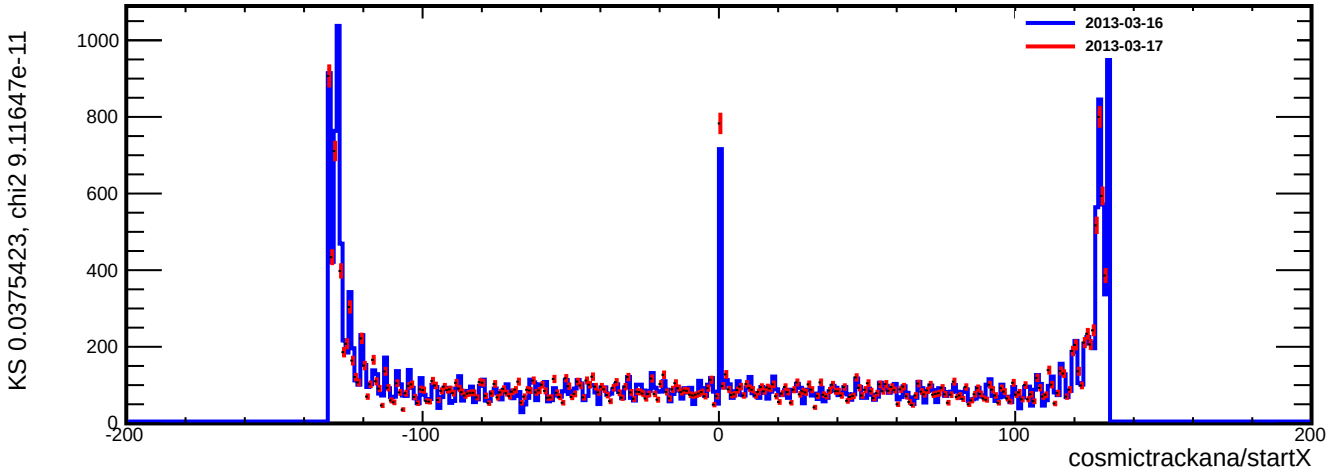

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-200
-100
0
100
200
cosmictrackana/endX

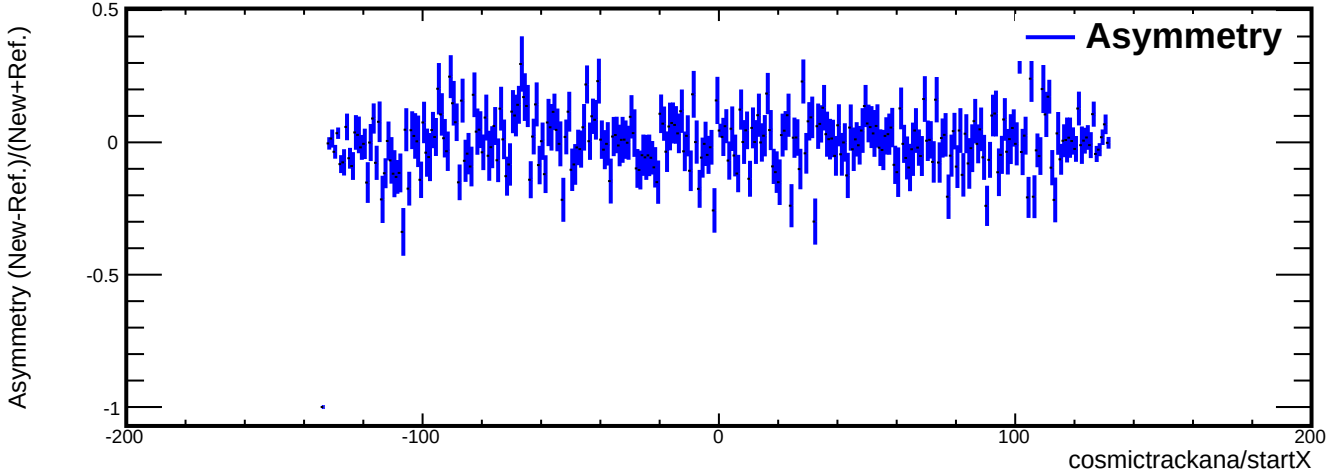

KS 0.0440493, chi2 4.0842e-21
2013-03-16
2013-03-17
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

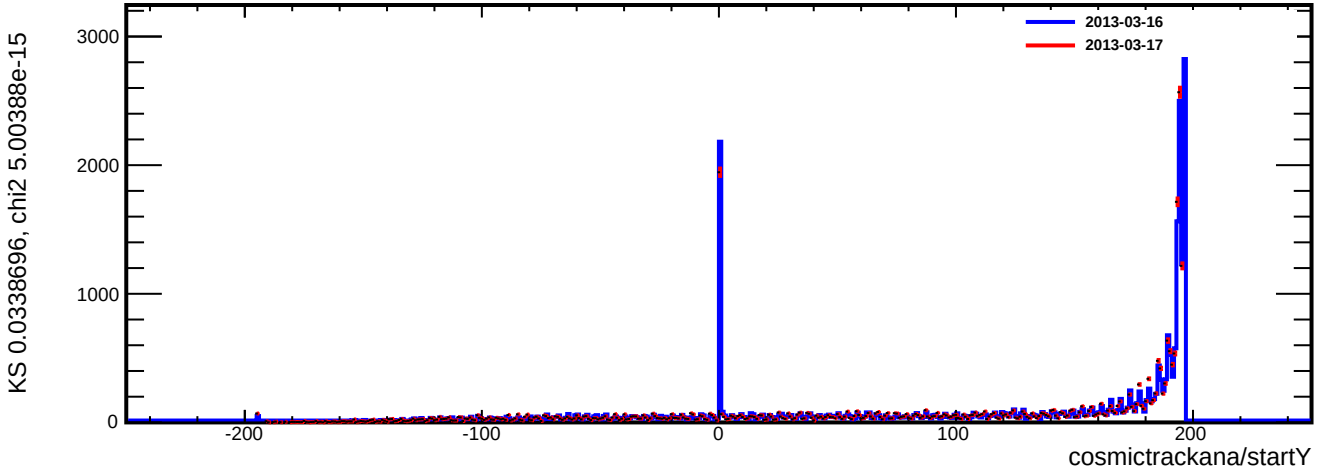

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

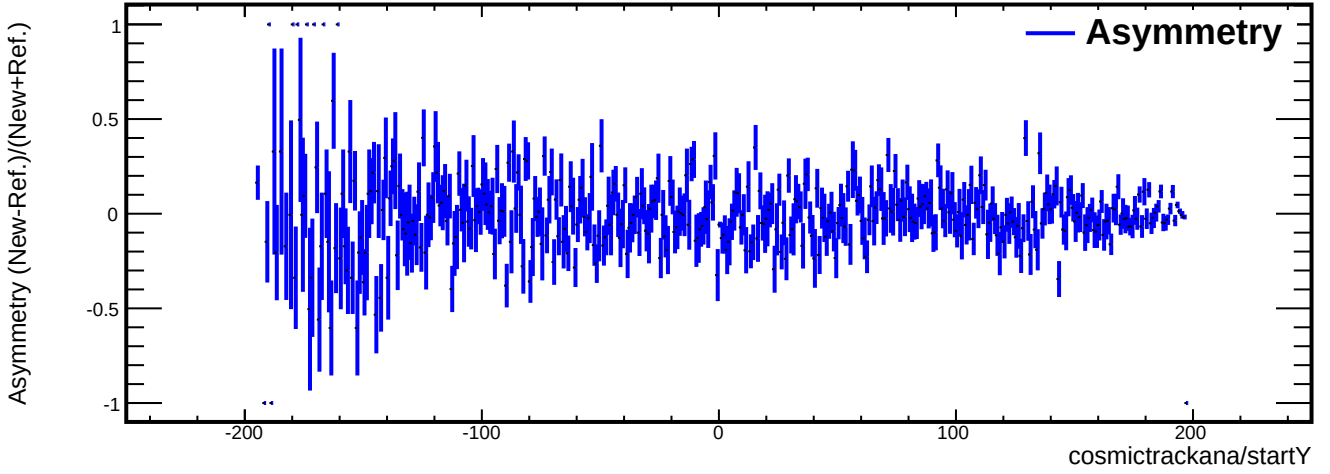

KS 0.387204, chi2 8.78724e-53
2013-03-16
2013-03-17
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

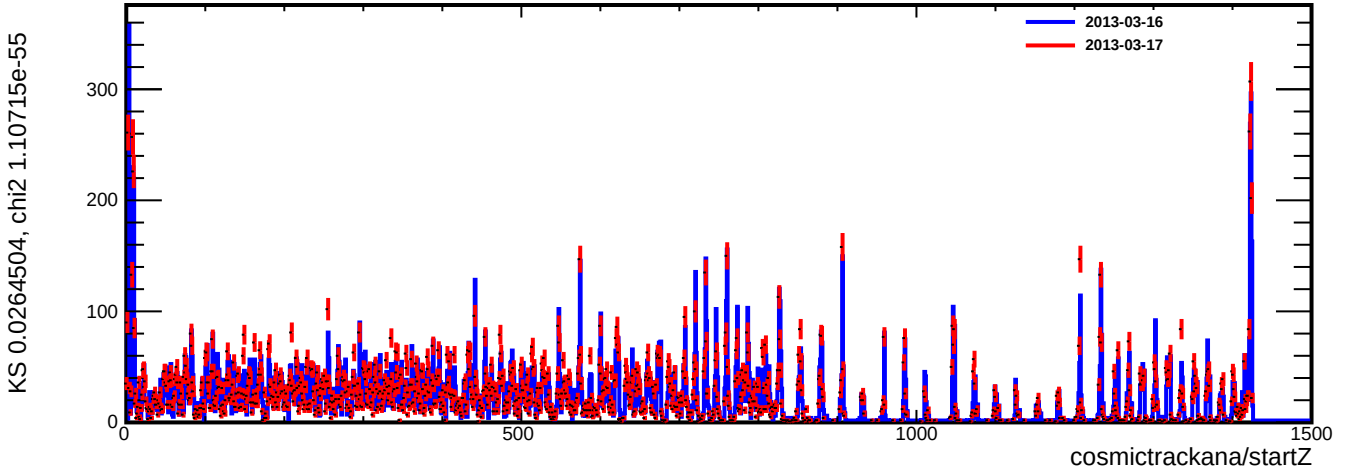

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

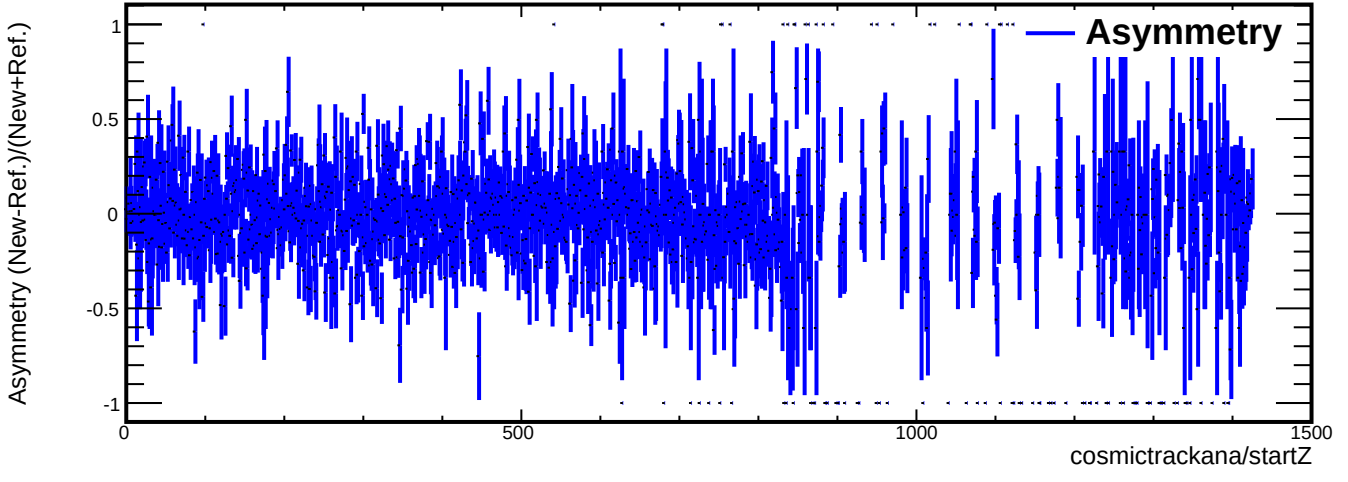

KS 0.0375423, chi2 9.11647e-11
2013-03-16
2013-03-17
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

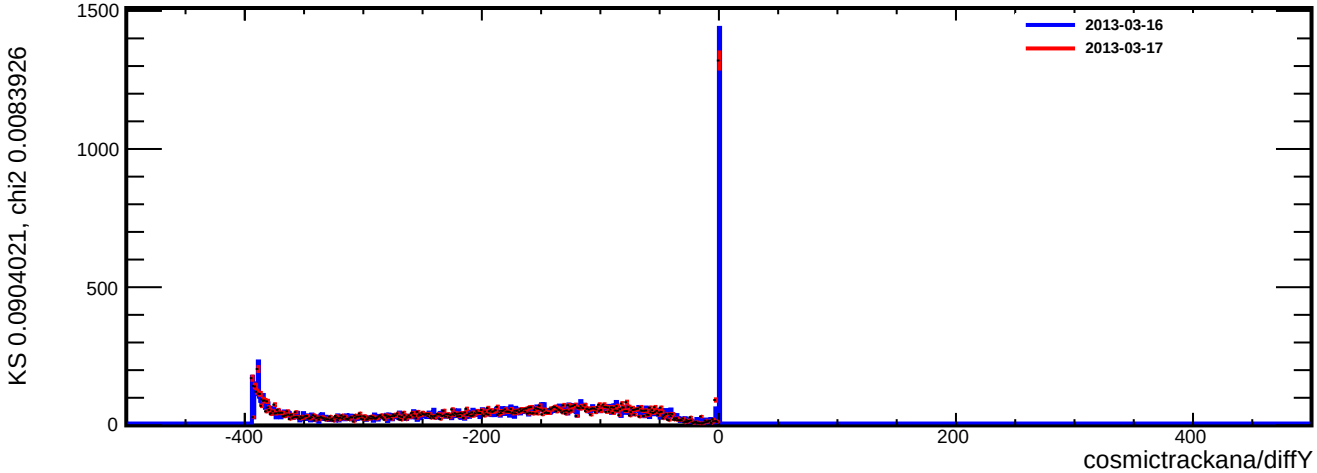

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startX

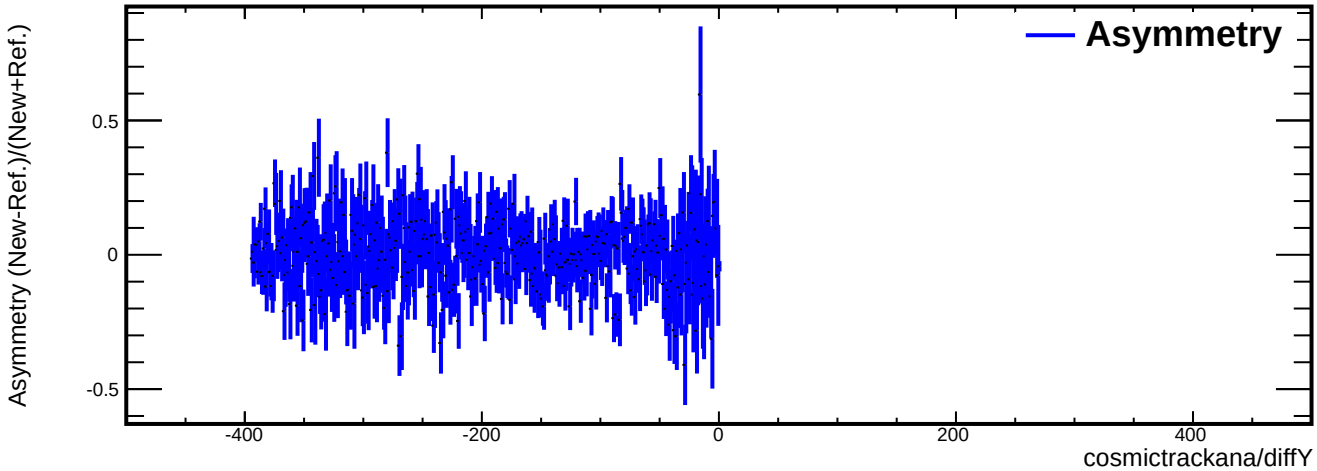

KS 0.0338696, chi2 5.00388e-15
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY
2013-03-16
2013-03-17

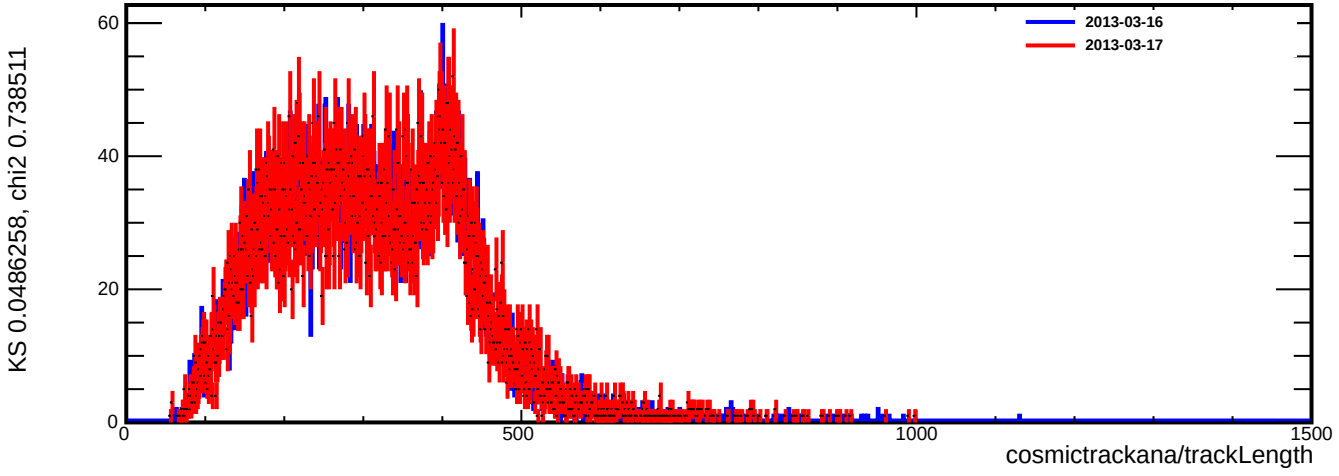

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY
Asymmetry

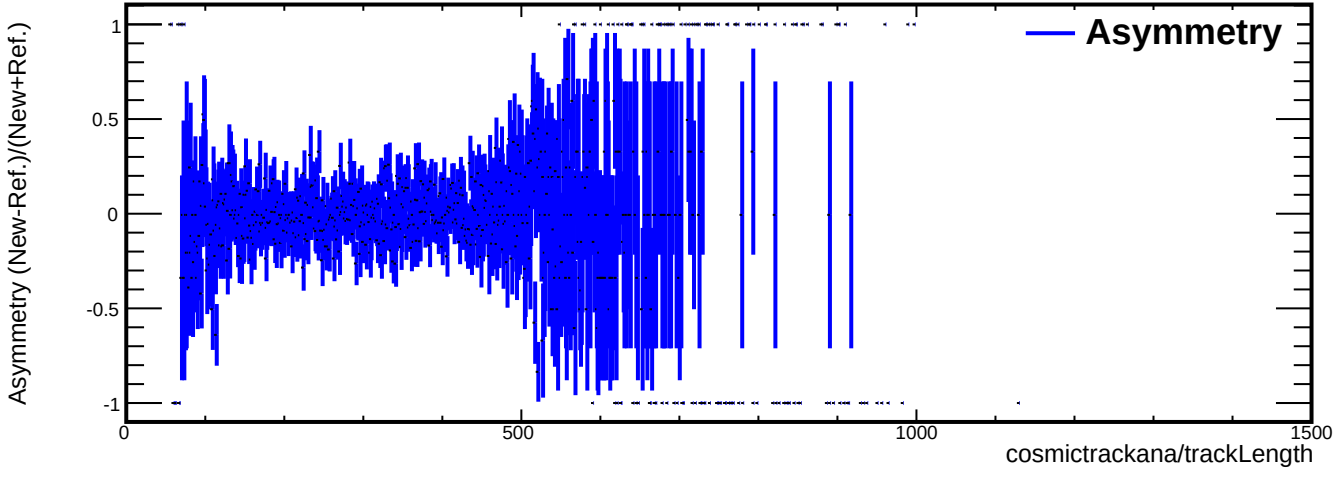

KS 0.0264504, chi2 1.10715e-55
2013-03-16
2013-03-17
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

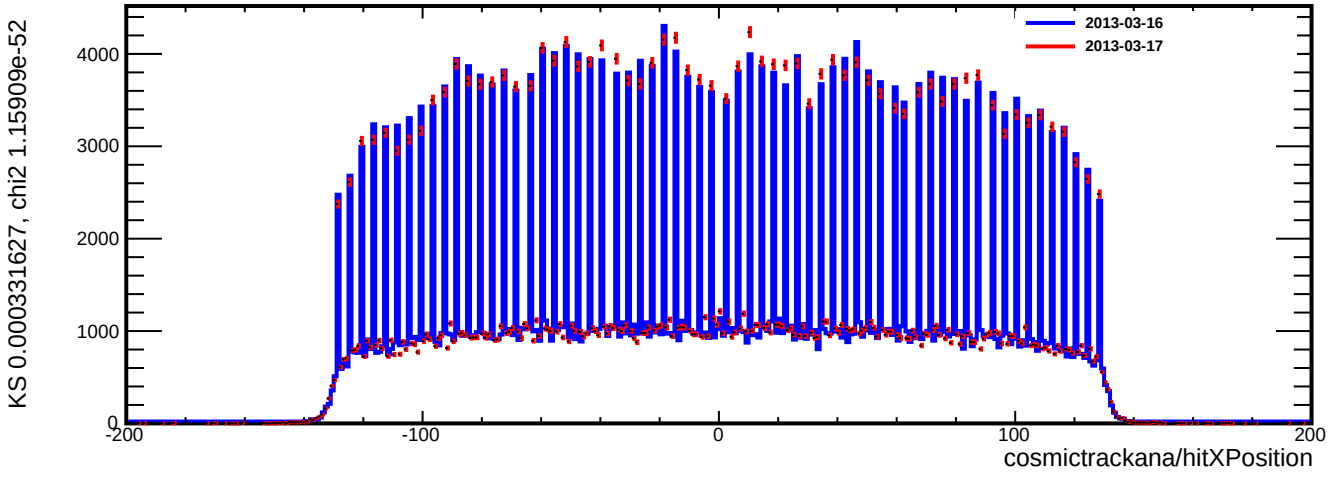

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ

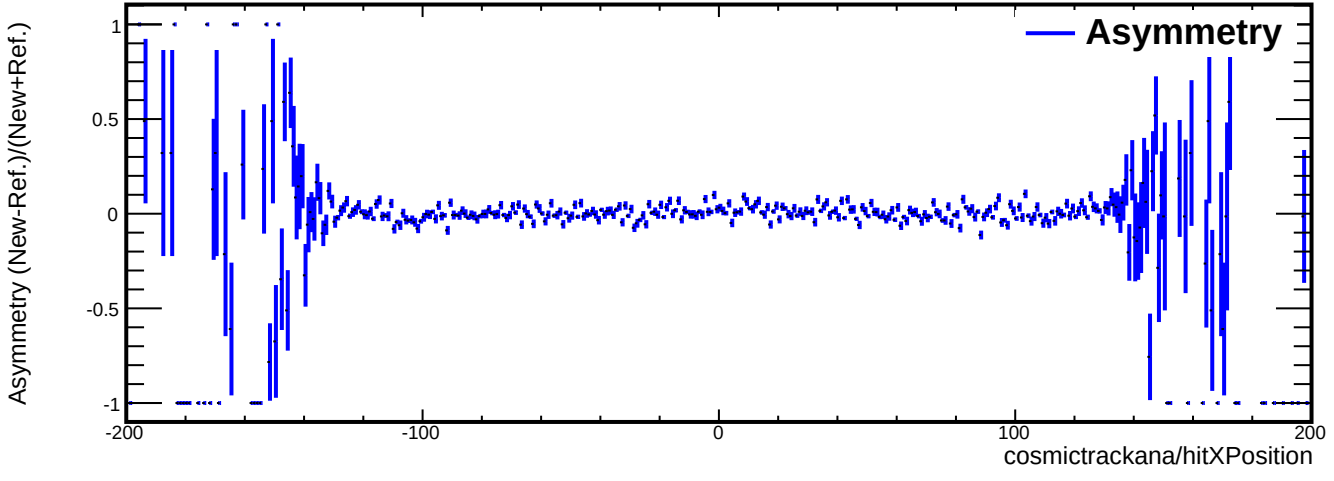

KS 0.0904021, chi2 0.0083926
1500
1000
500
0
-400
-200
0
200
400
cosmictrackana/diffY
2013-03-16
2013-03-17

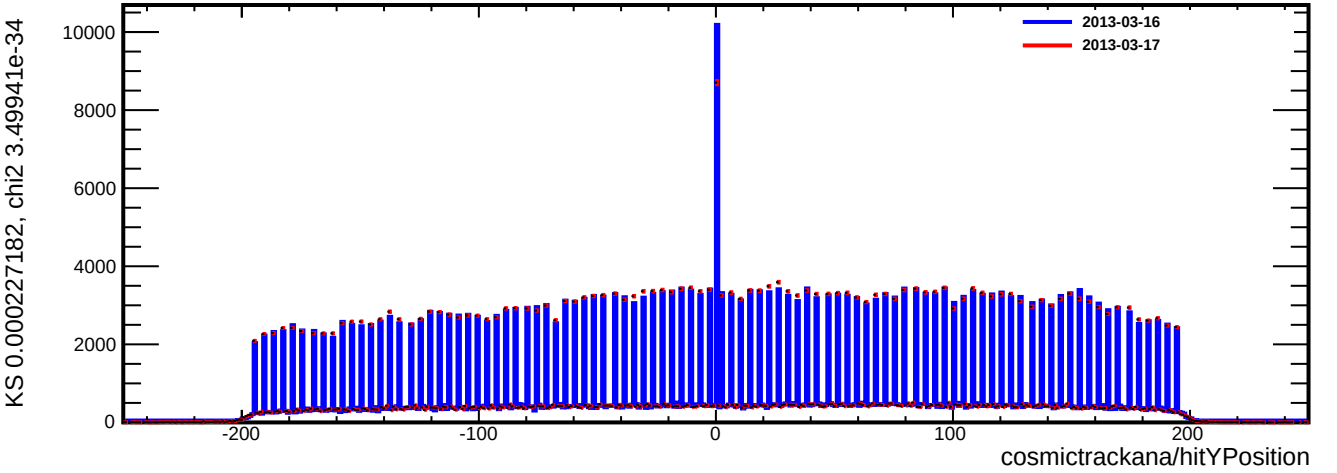

Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffY
Asymmetry

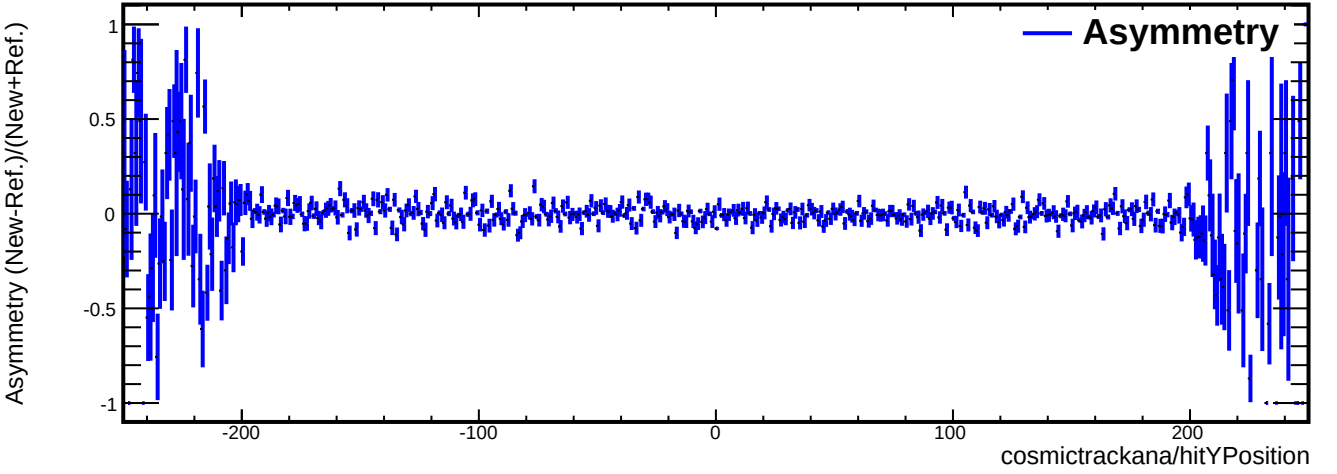

KS 0.0486258, chi2 0.738511
2013-03-16
2013-03-17
0
20
40
60
0
500
1000
1500
cosmictrackana/trackLength

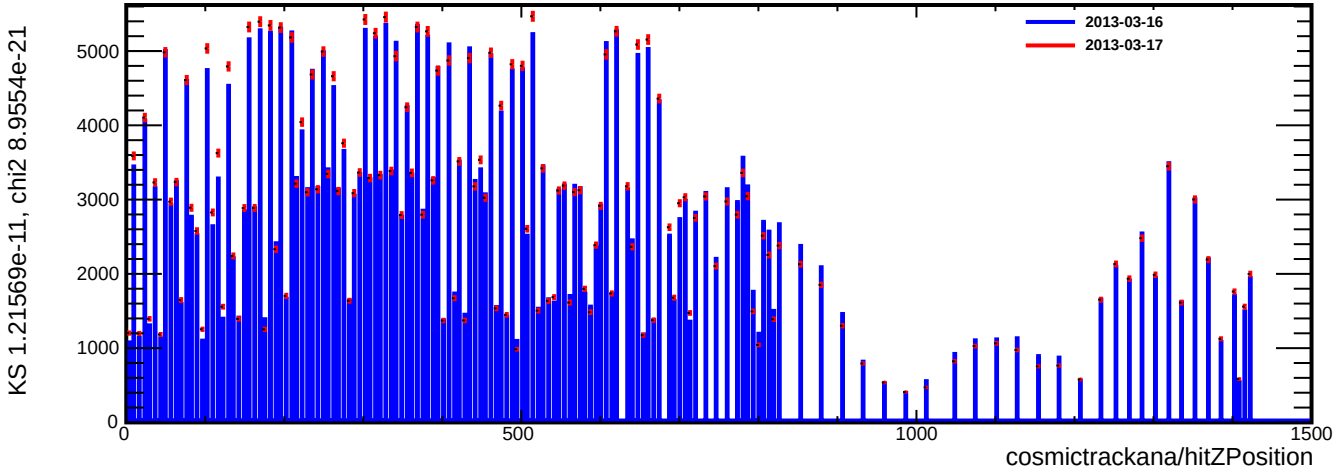

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/trackLength

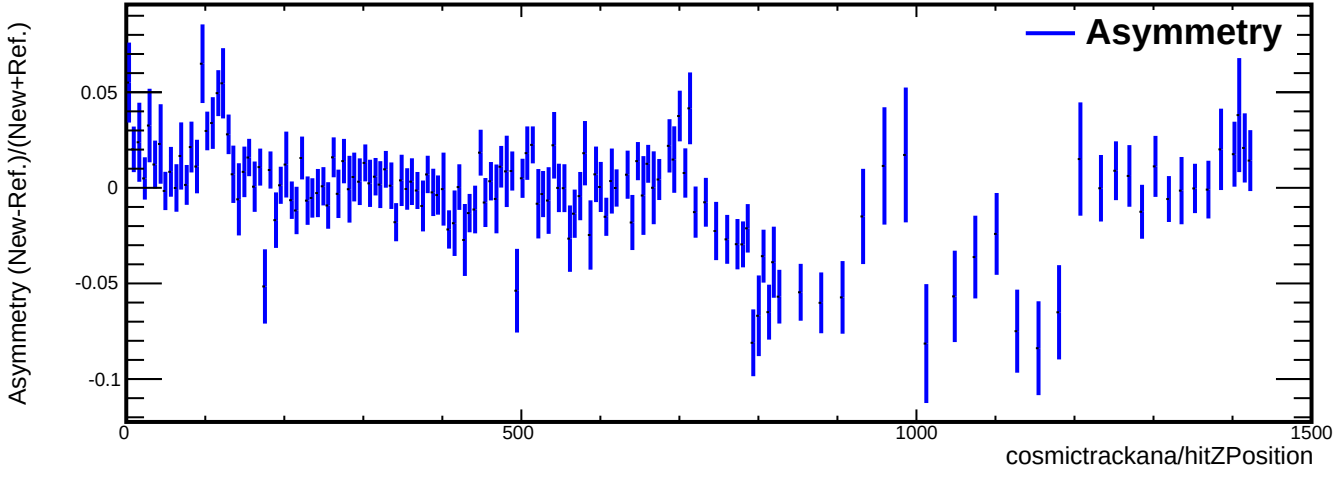

KS 0.000331627, chi2 1.15909e-52
2013-03-16
2013-03-17
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

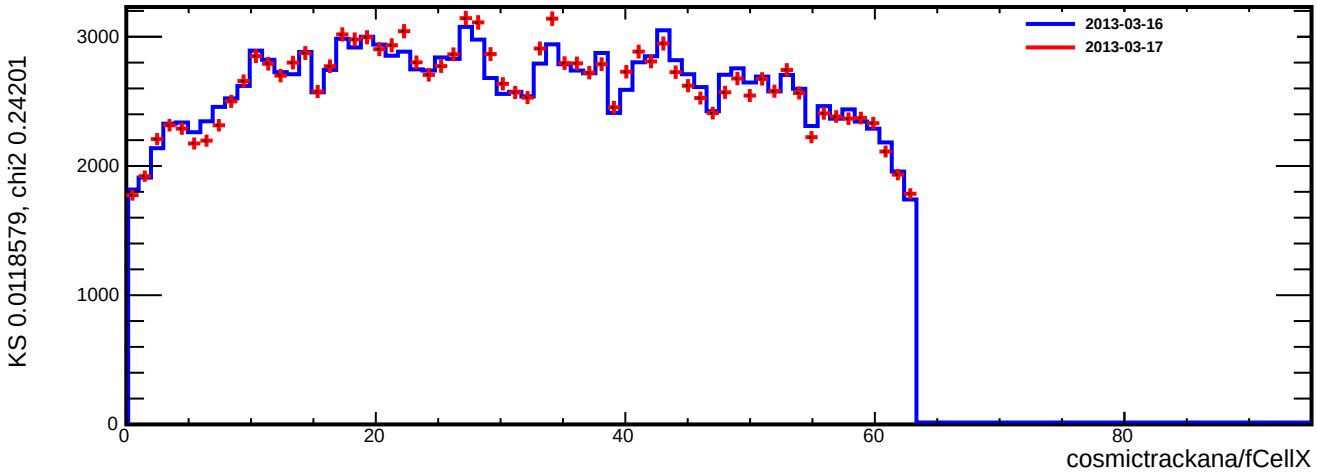

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

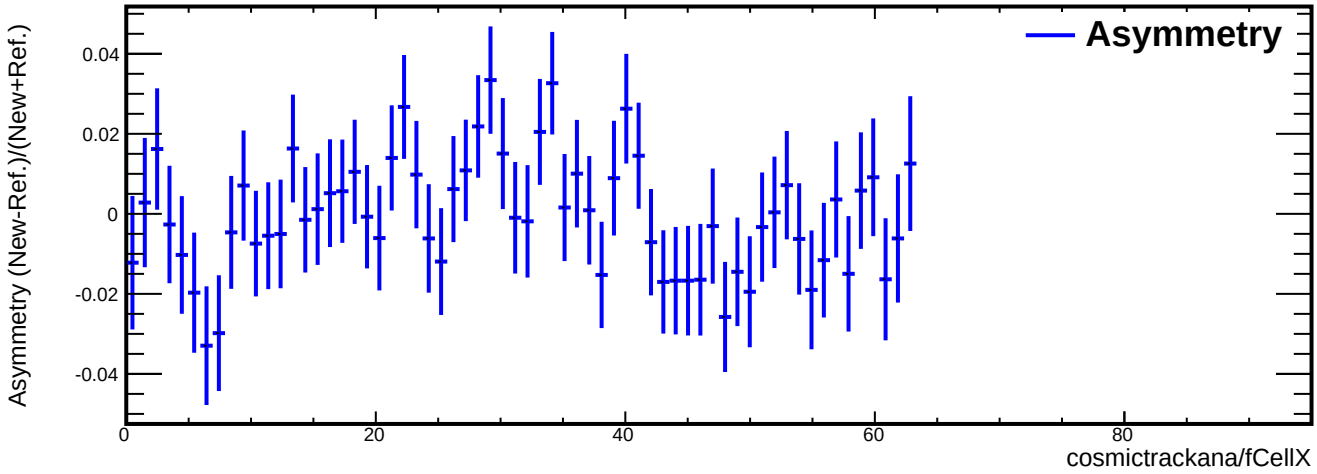

KS 0.000227182, chi2 3.49941e-34
10000
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition
2013-03-16
2013-03-17

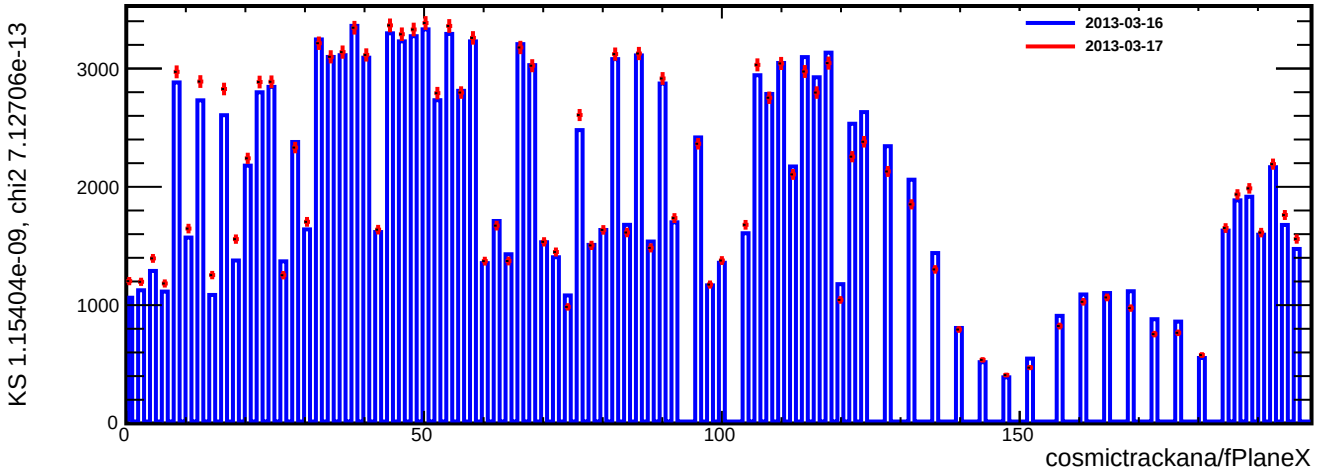

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition
Asymmetry

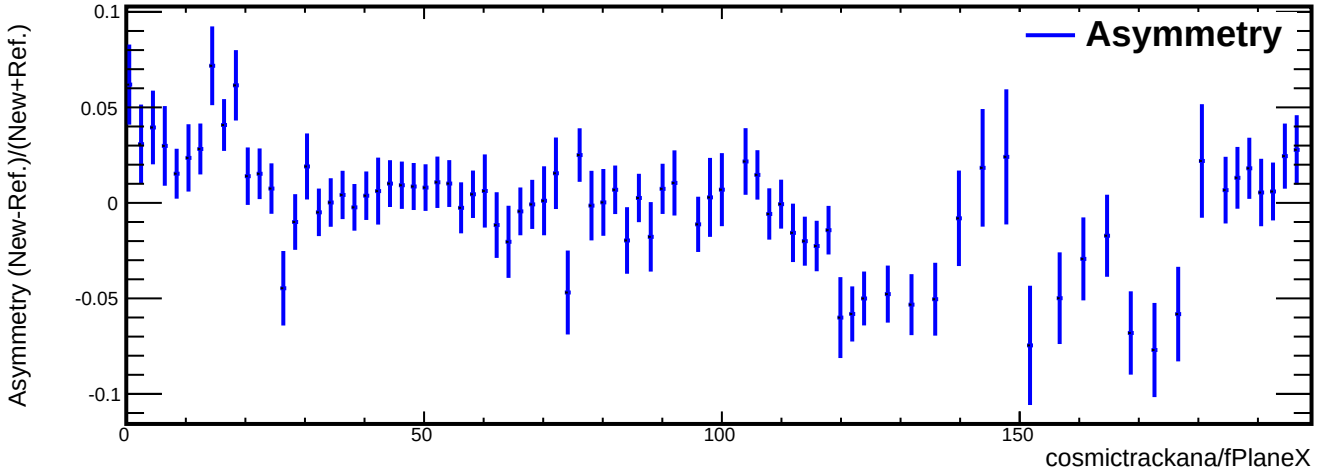

KS 1.21569e-11, chi2 8.9554e-21
2013-03-16
2013-03-17
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

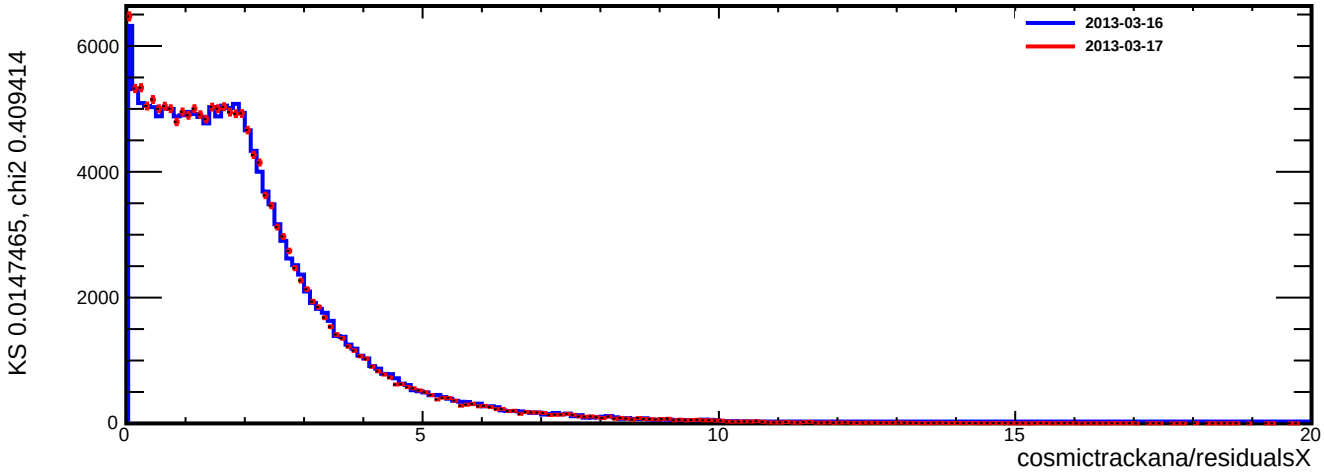

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
-0.1
0
500
1000
1500
cosmictrackana/hitZPosition

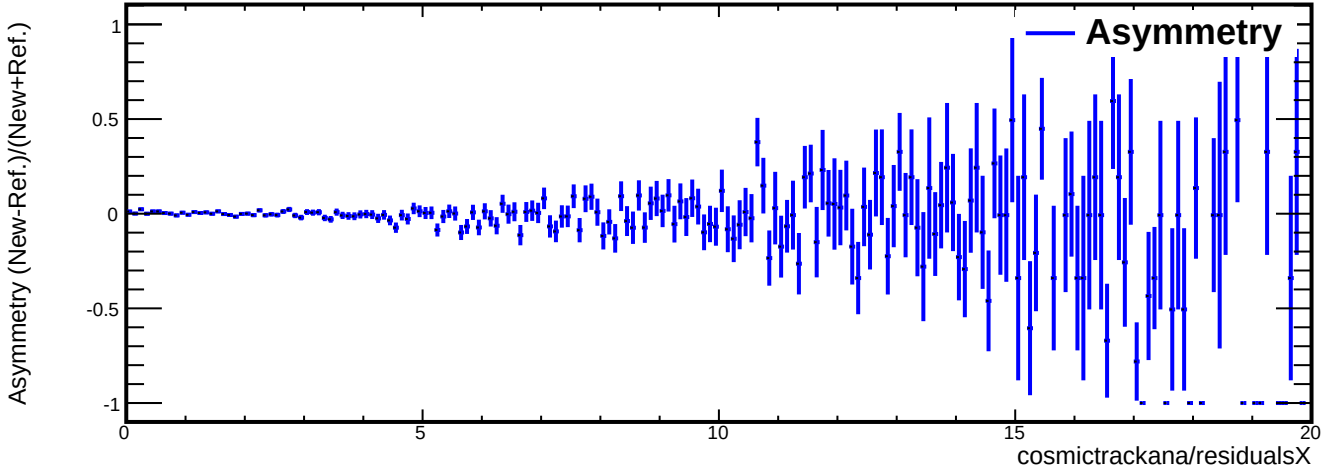

KS 0.0118579, chi2 0.24201
2013-03-16
2013-03-17
cosmictrackana/fCellX

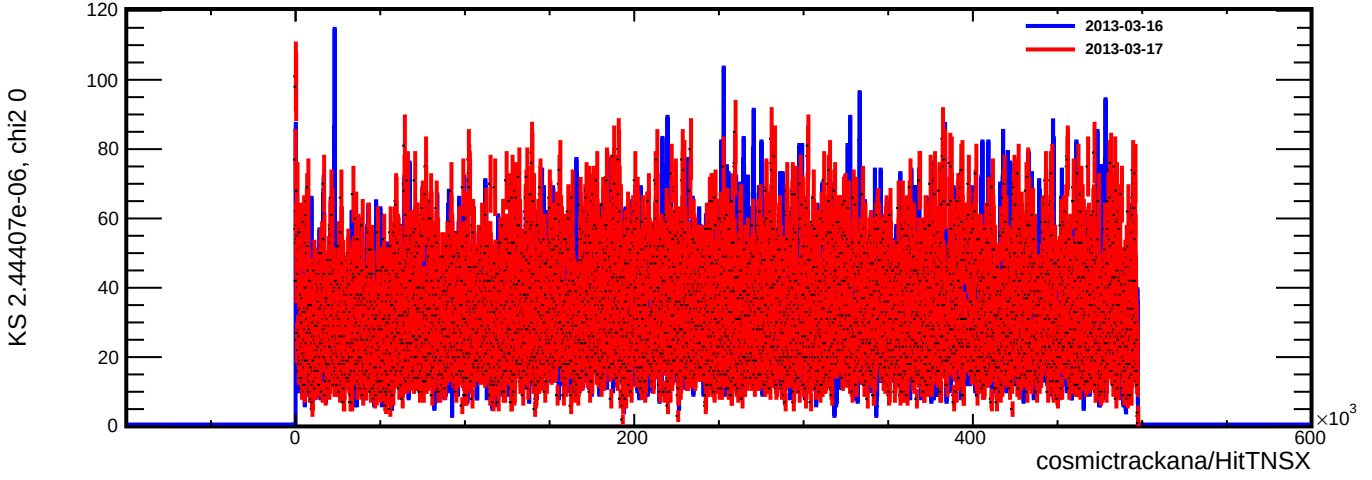

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/fCellX

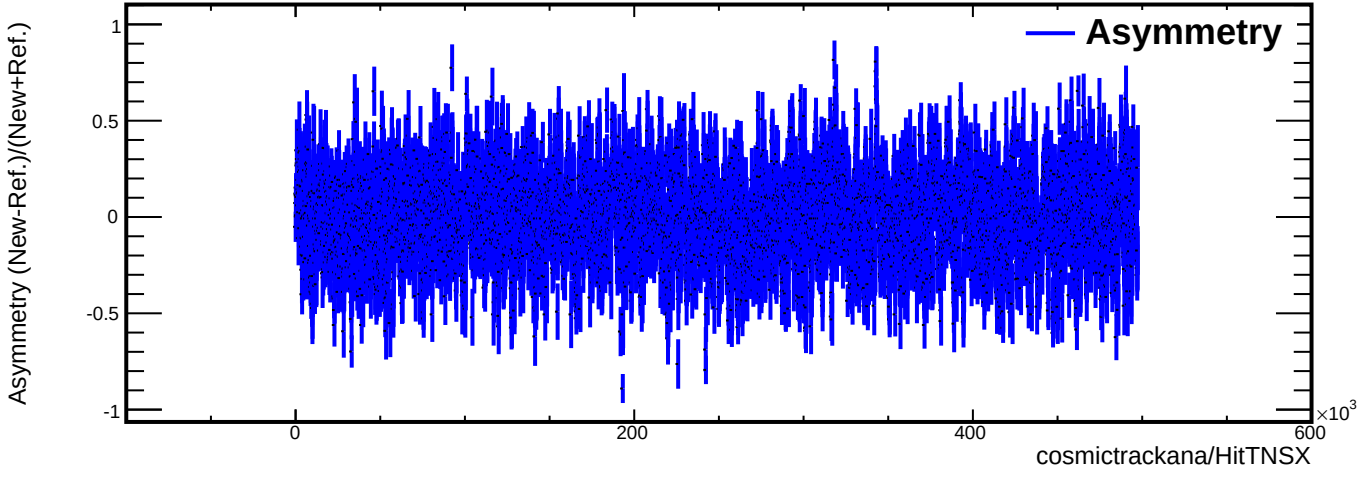

KS 1.15404e-09, chi2 7.12706e-13
2013-03-16
2013-03-17
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

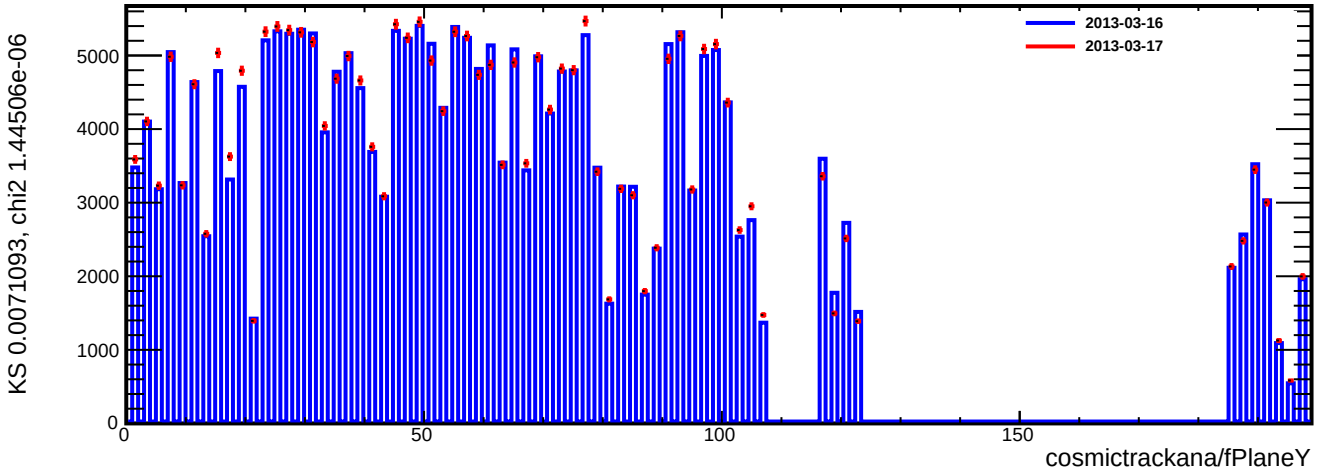

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
-0.1
0
50
100
150
cosmictrackana/fPlaneX

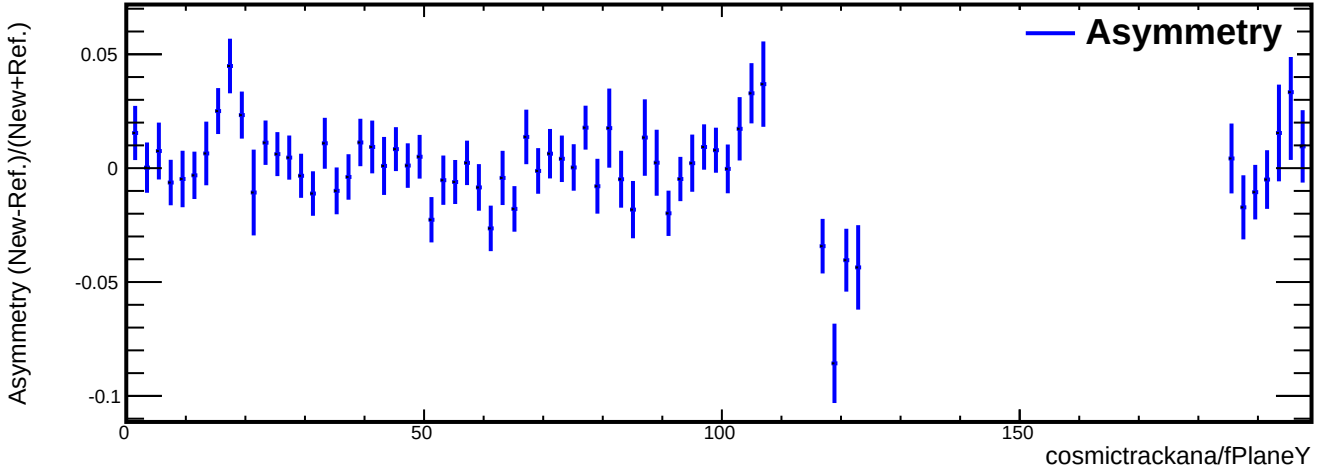

KS 0.0147465, chi2 0.409414
2013-03-16
2013-03-17
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsX

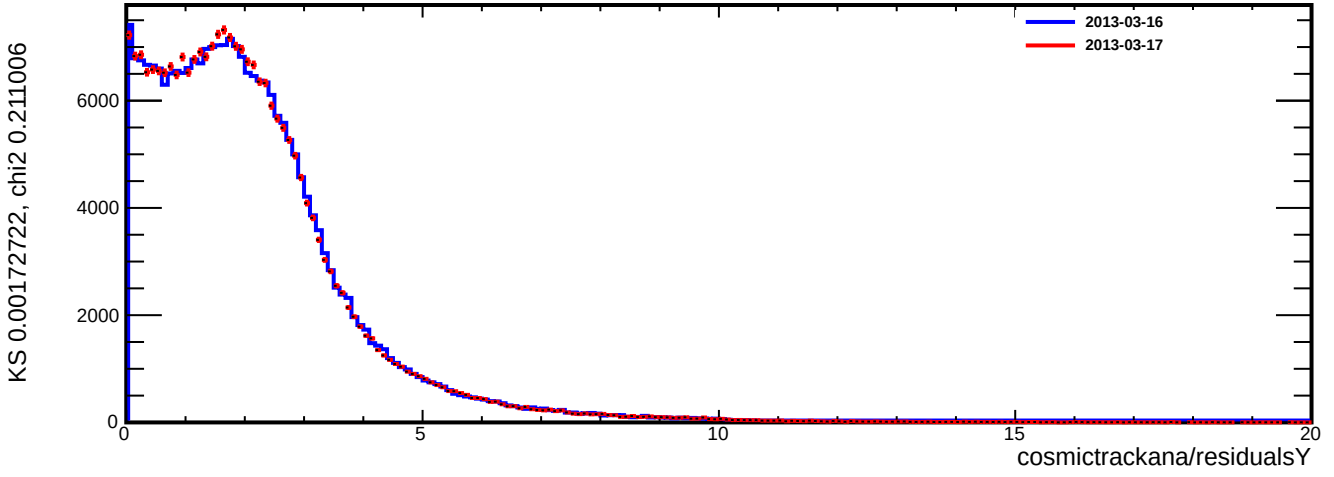

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
5
10
15
20
cosmictrackana/residualsX

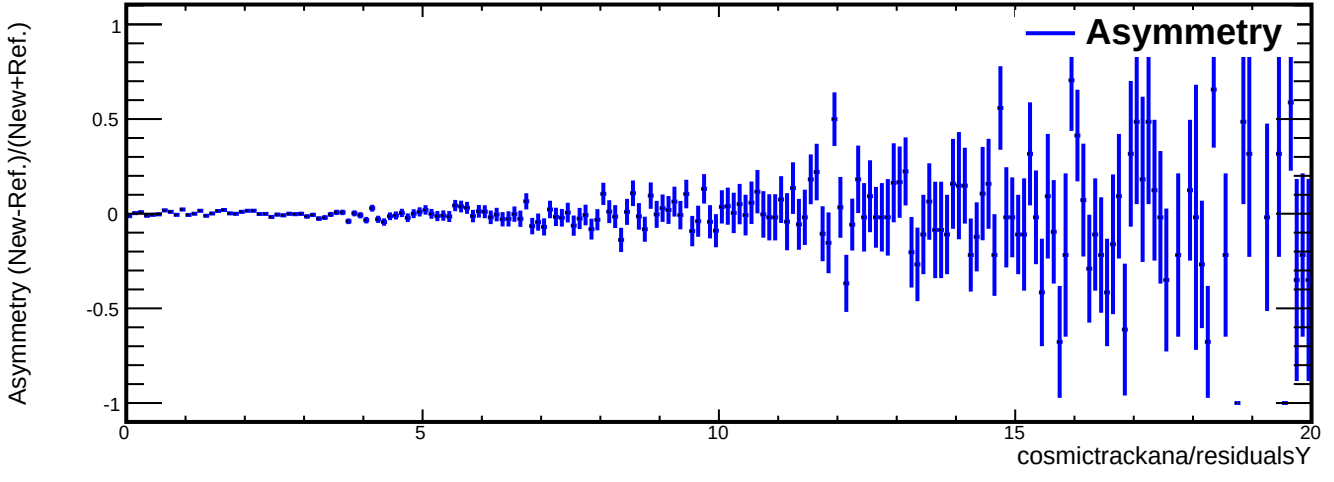

KS 2.44407e-06, chi2 0
2013-03-16
2013-03-17
120
100
80
60
40
20
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX

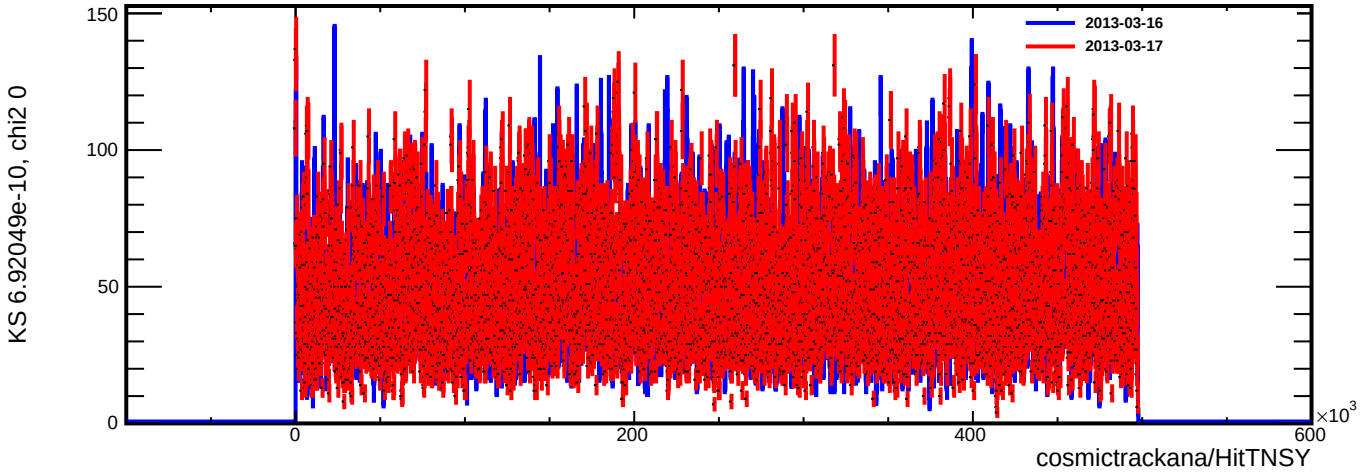

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX

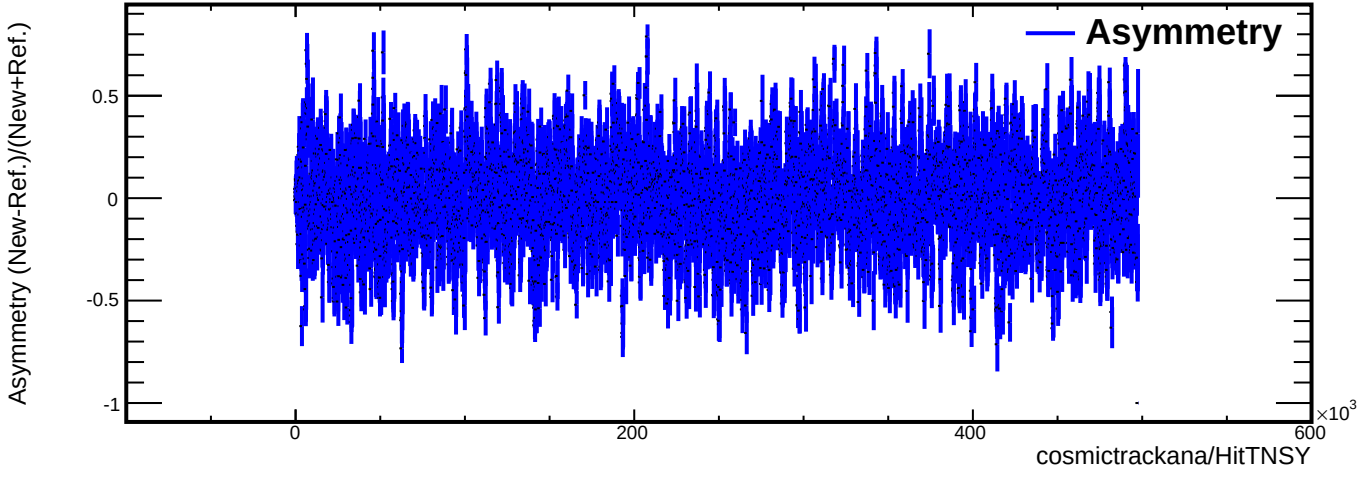

KS 0.0071093, chi2 1.44506e-06
2013-03-16
2013-03-17
0
1000
2000
3000
4000
5000
0
50
100
150
cosmictrackana/fPlaneY


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


KS 0.00172722, chi2 0.211006
2013-03-16
2013-03-17
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsY


Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
5
10
15
20
cosmictrackana/residualsY


KS 6.92049e-10, chi2 0
150
100
50
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY
2013-03-16
2013-03-17


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