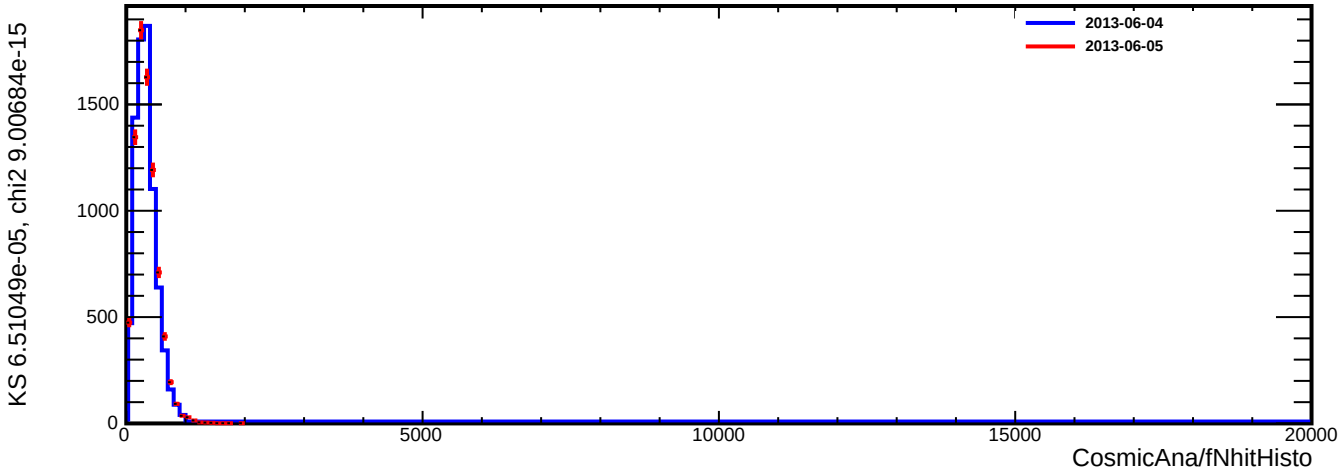
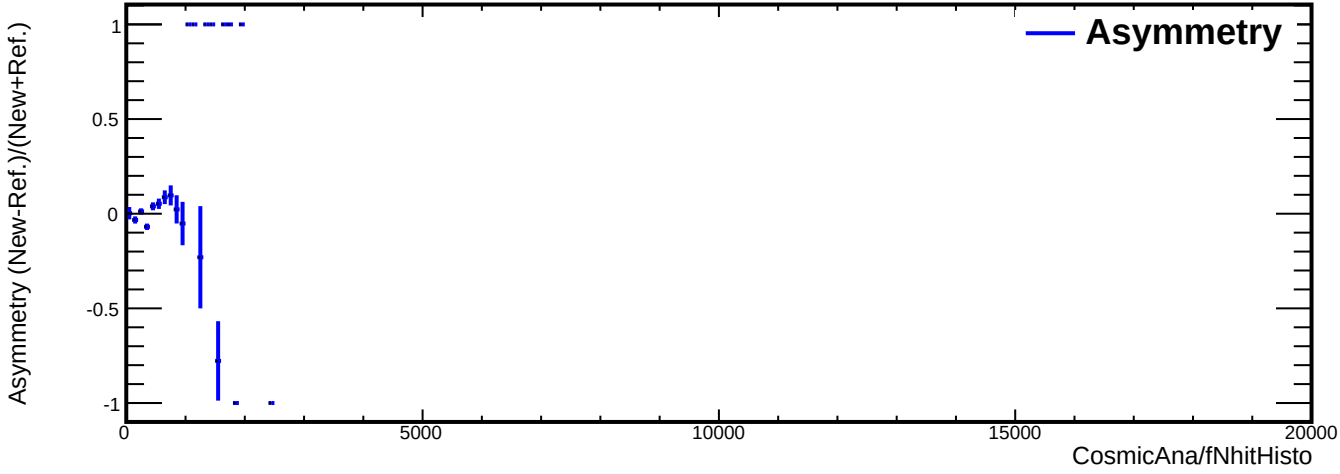
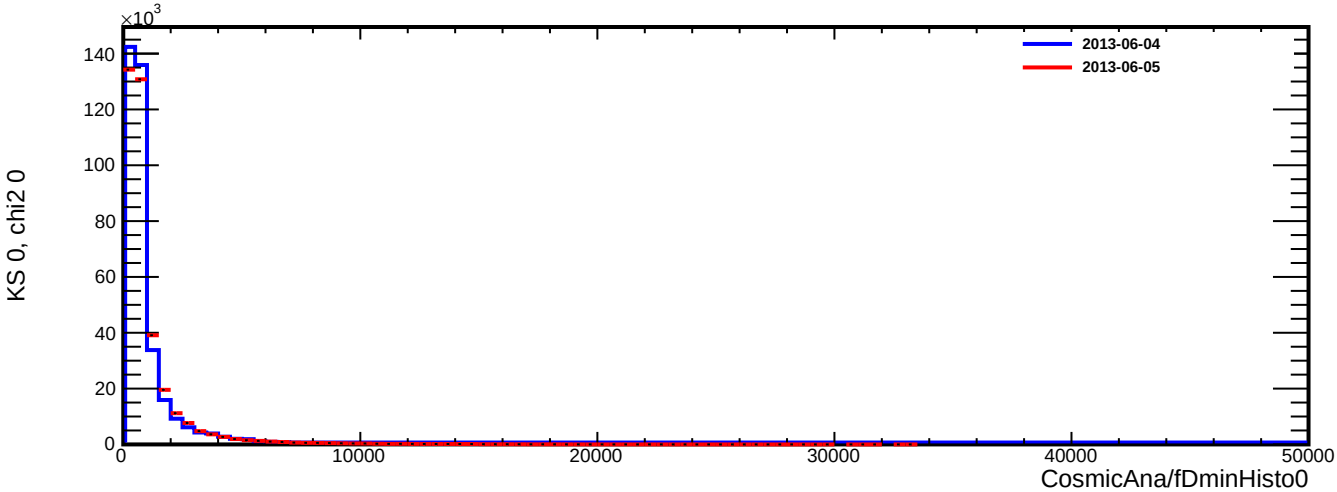
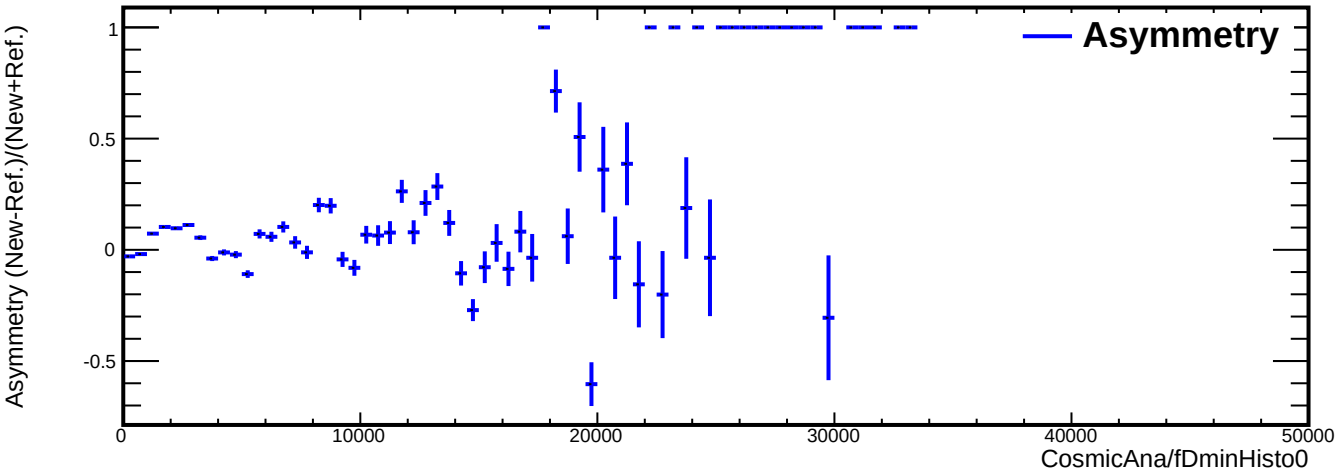
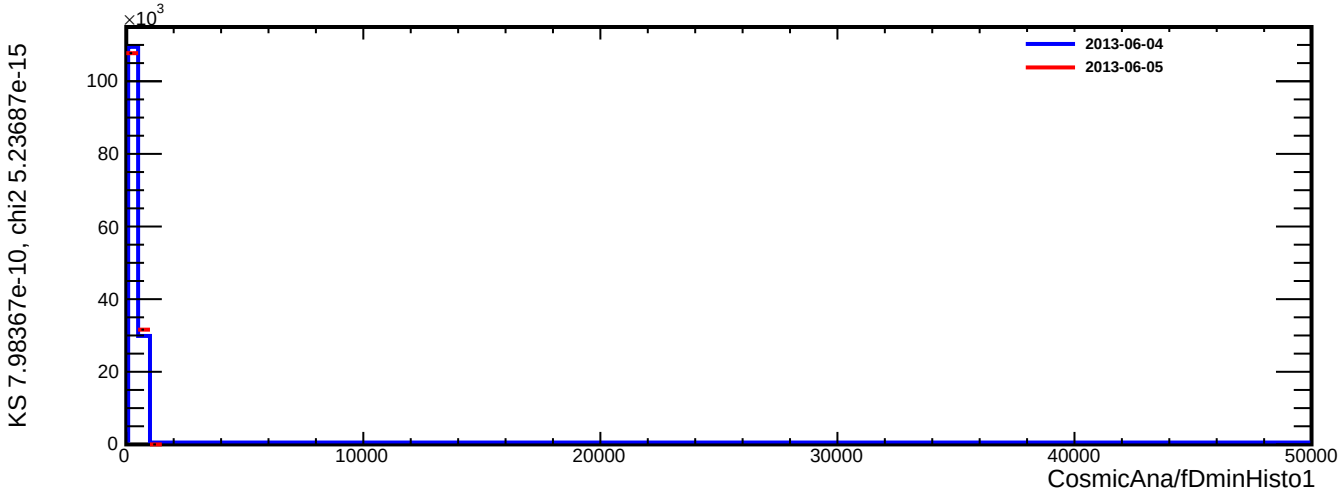

KS 6.51049e-05, chi2 9.00684e-15
2013-06-04
2013-06-05
1500
1000
500
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto


Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
5000
10000
15000
20000
CosmicAna/fNhitHisto


×10^3
140
120
100
80
60
40
20
0
KS 0, chi2 0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
2013-06-04
2013-06-05


1
0.5
0
-0.5
Asymmetry (New-Ref.)/(New+Ref.)
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
Asymmetry


KS 7.98367e-10, chi2 5.23687e-15
×10^3
100
80
60
40
20
0
0
10000
20000
30000
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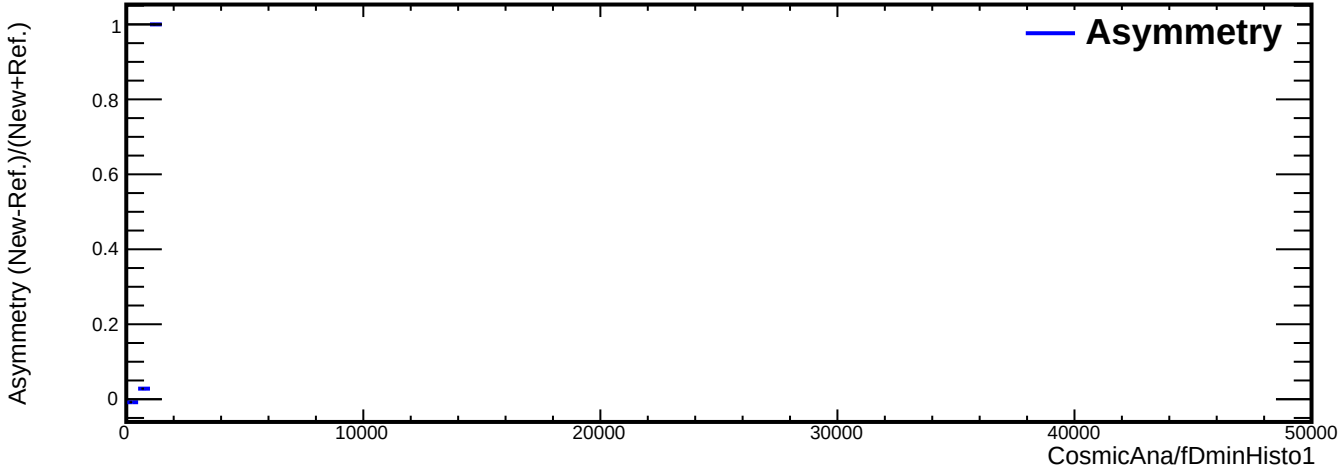
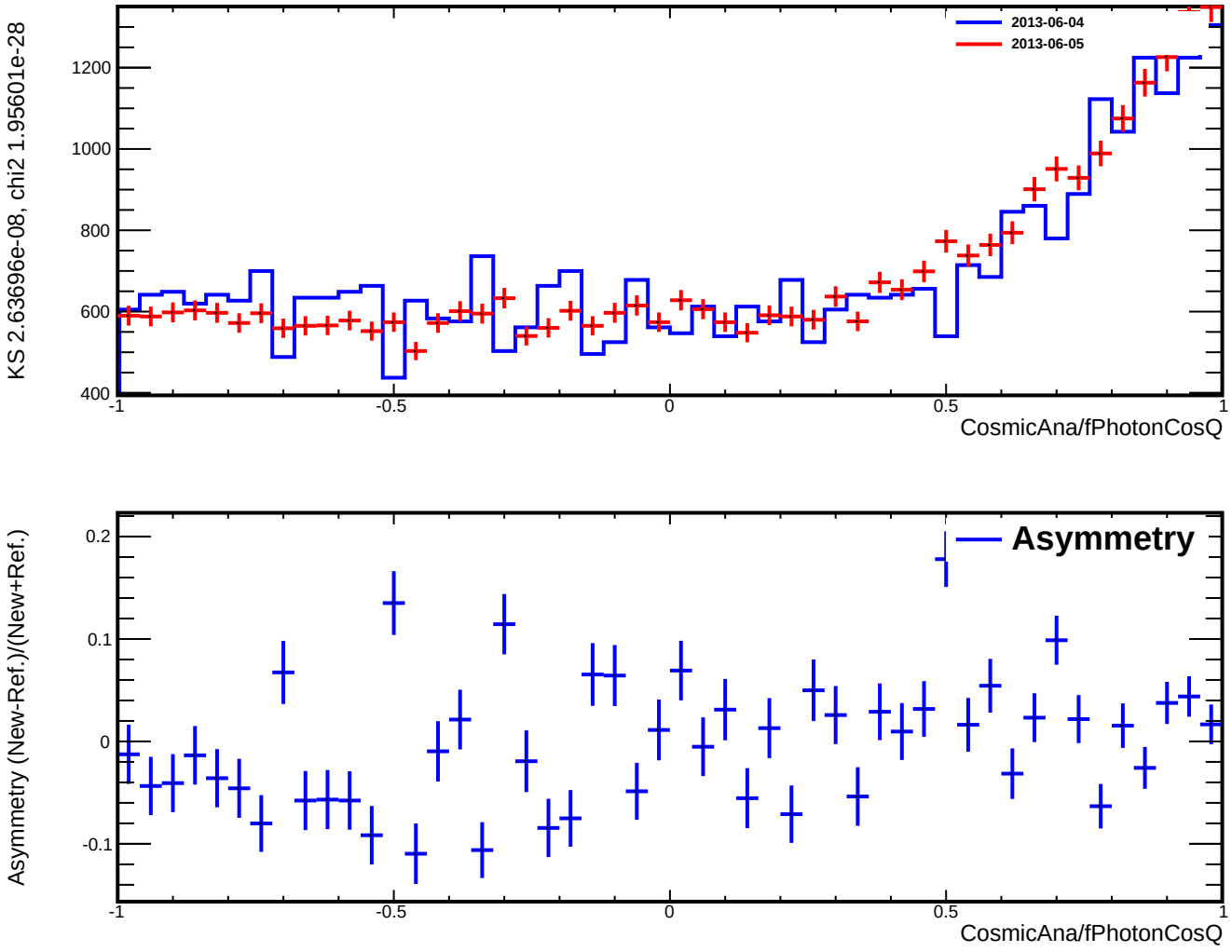
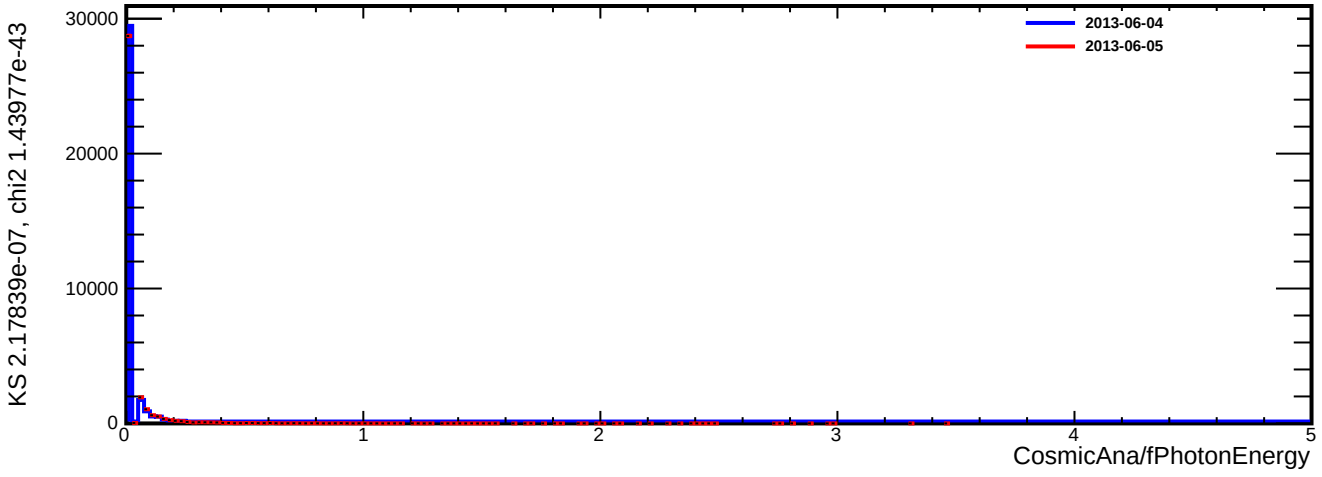
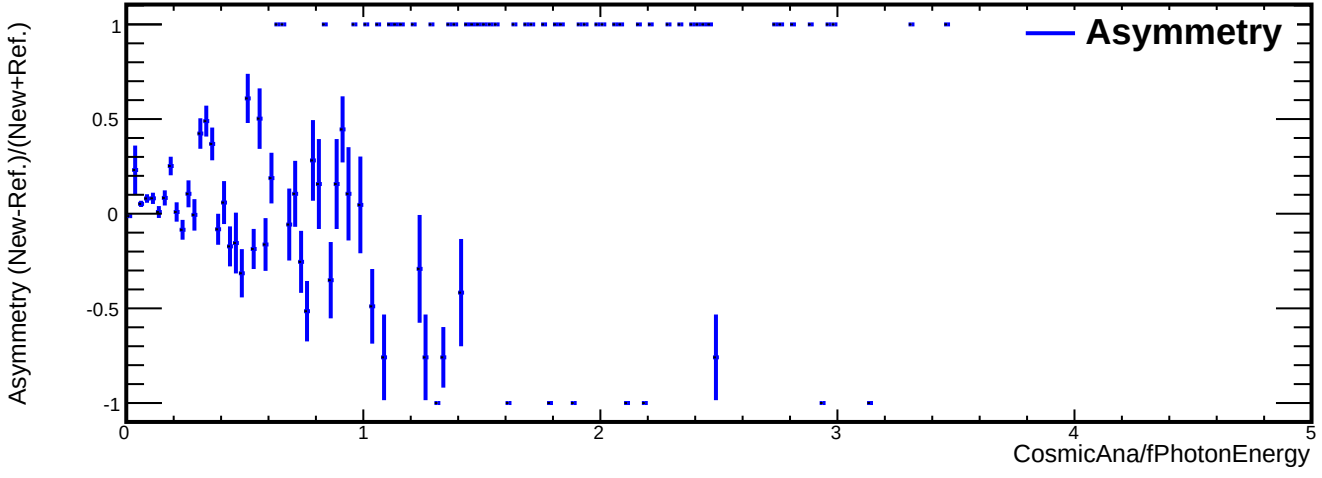
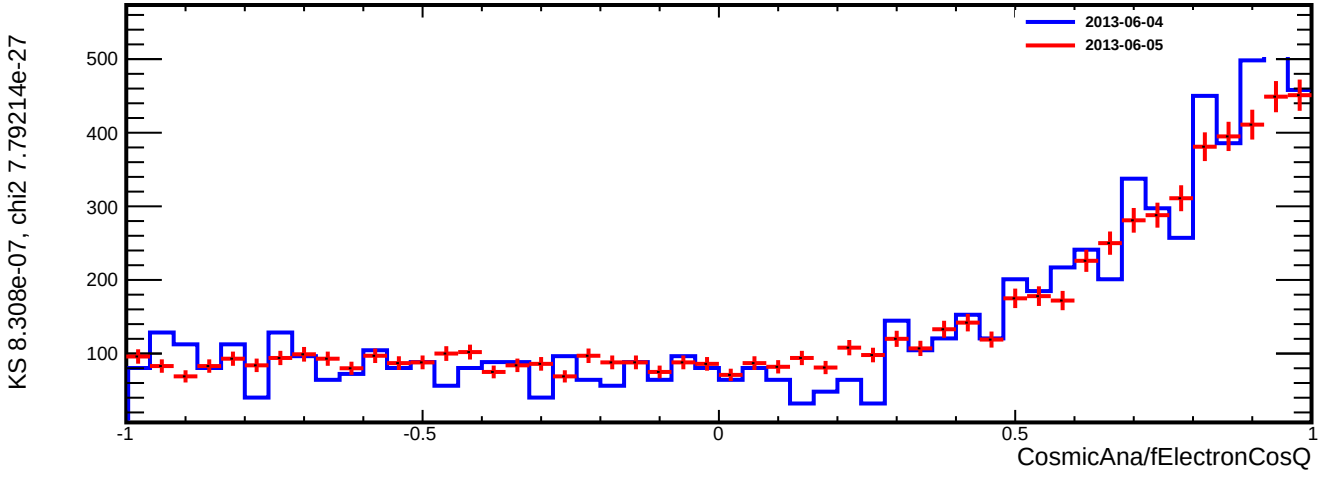
50000
CosmicAna/fDminHisto1
2013-06-04
2013-06-05

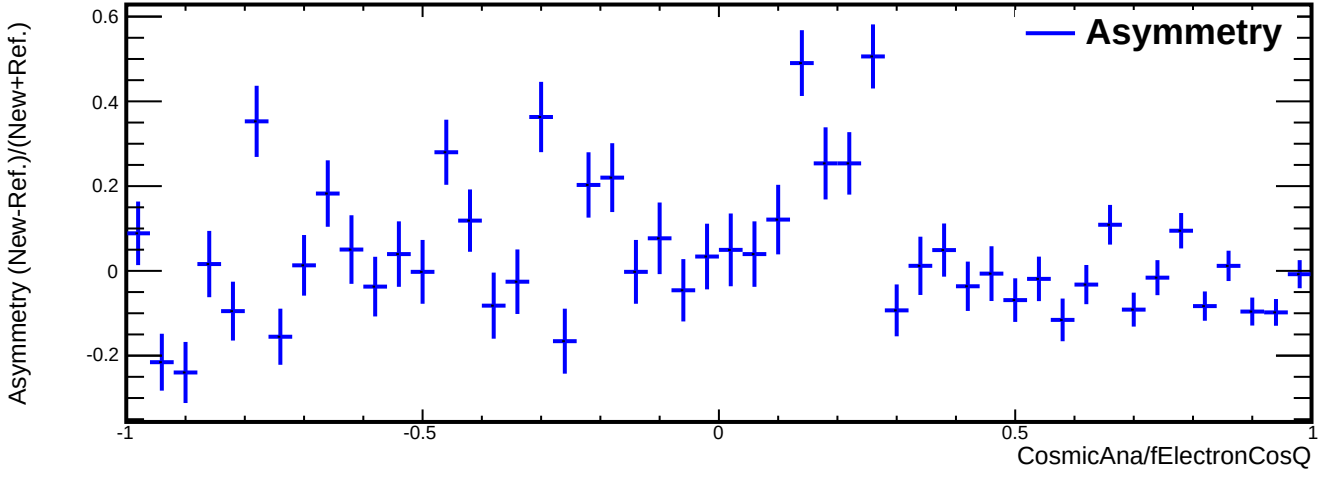

Asymmetry (New-Ref.)/(New+Ref.)
1
0.8
0.6
0.4
0.2
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1
Asymmetry

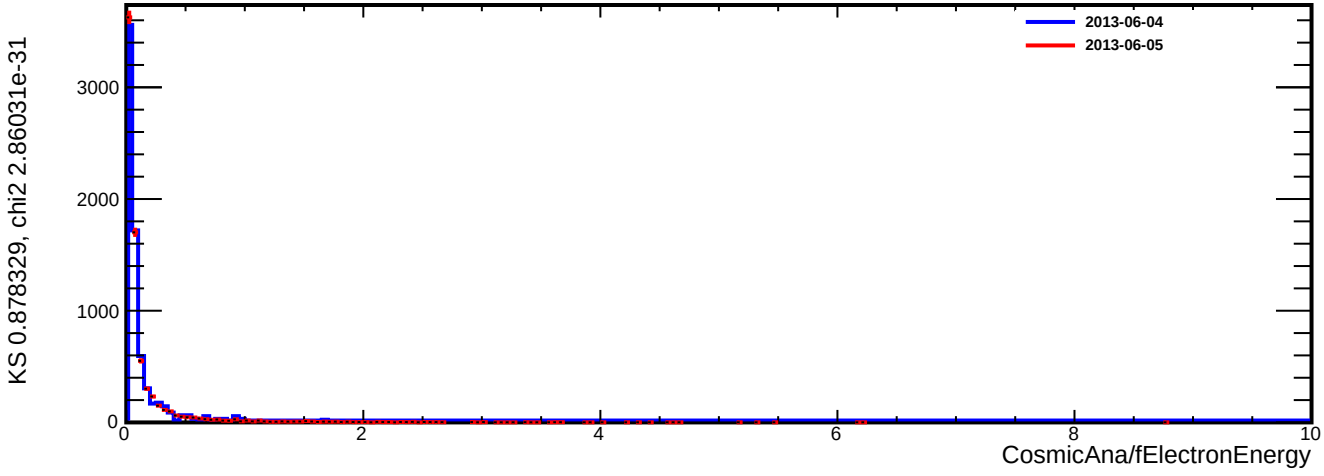

KS 2.63696e-08, chi2 1.95601e-28
2013-06-04
2013-06-05
1200
1000
800
600
400
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ

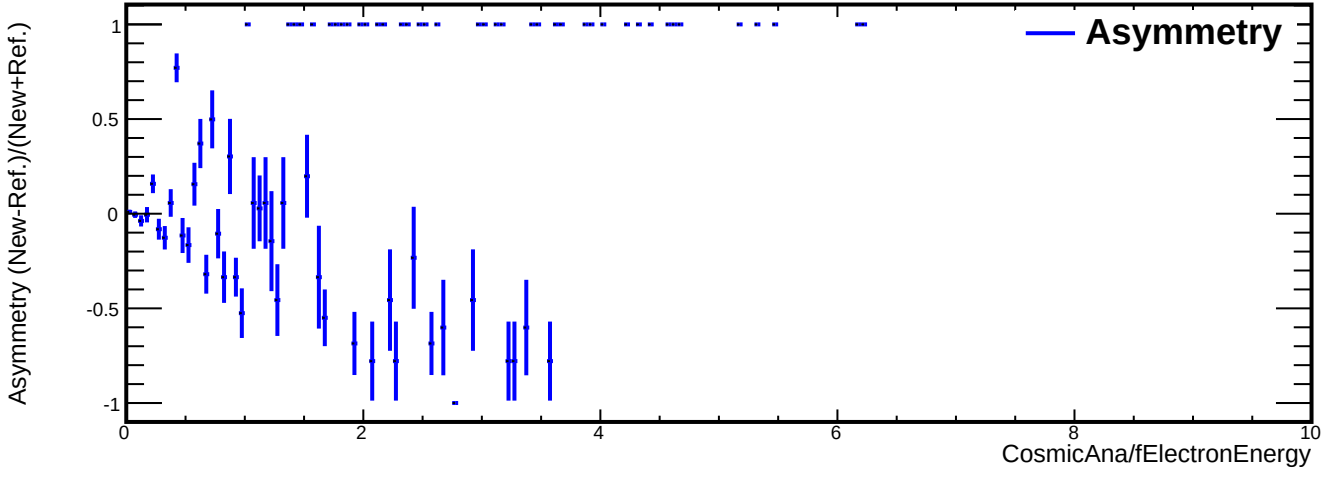

KS 2.17839e-07, chi2 1.43977e-43
30000
20000
10000
0
0
1
2
3
4
5
CosmicAna/fPhotonEnergy
2013-06-04
2013-06-05

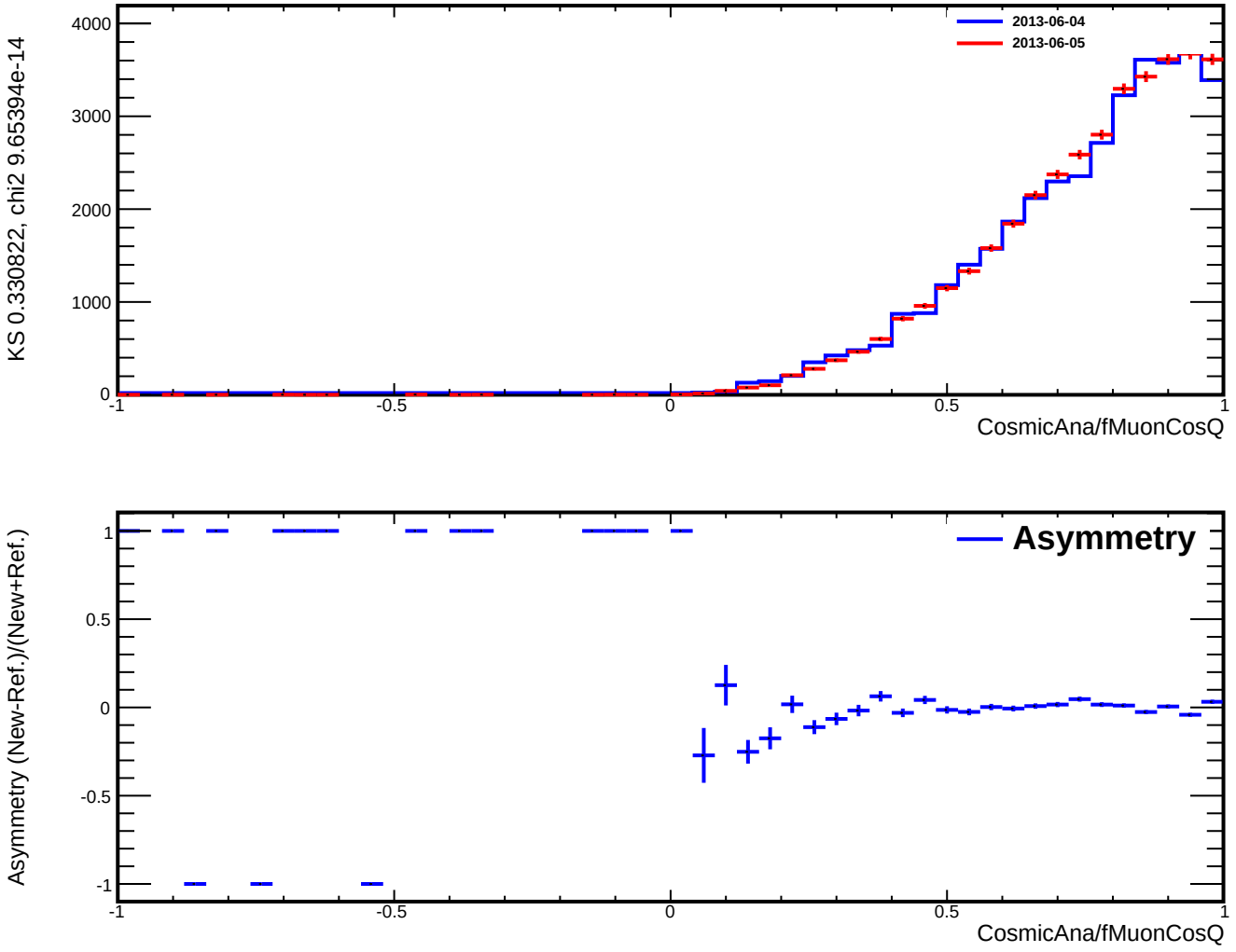

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1
2
3
4
5
CosmicAna/fPhotonEnergy
Asymmetry

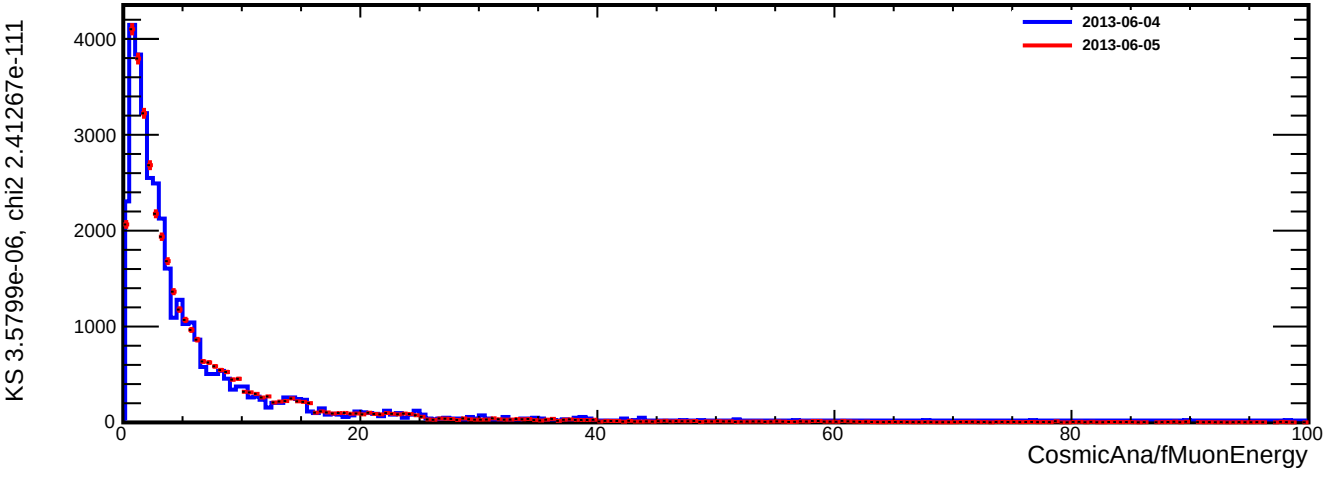

KS 8.308e-07, chi2 7.79214e-27
2013-06-04
2013-06-05
500
400
300
200
100
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

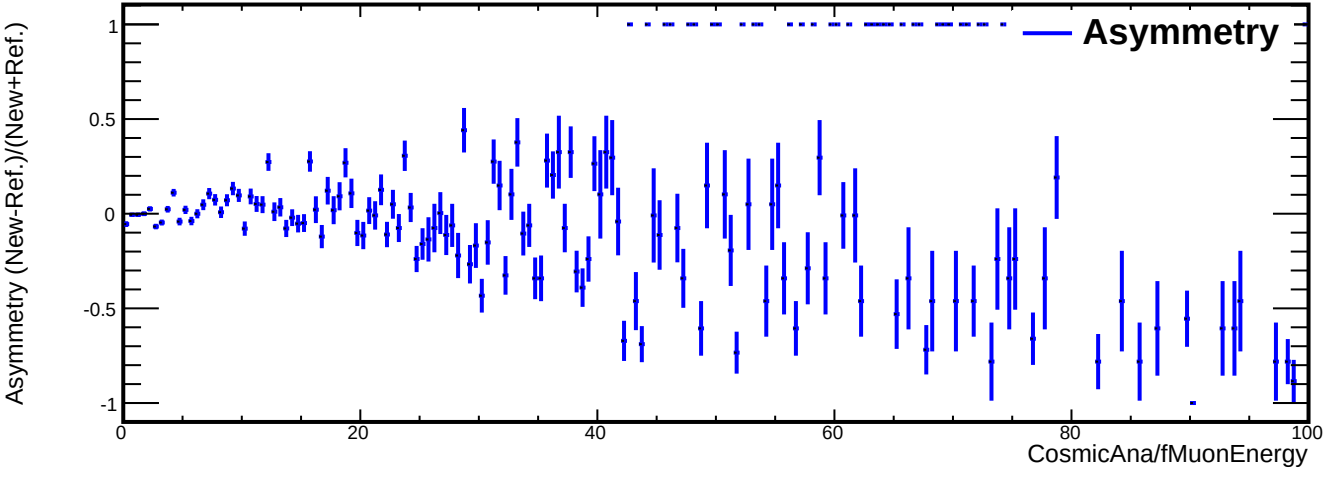

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.6
0.4
0.2
0
-0.2
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

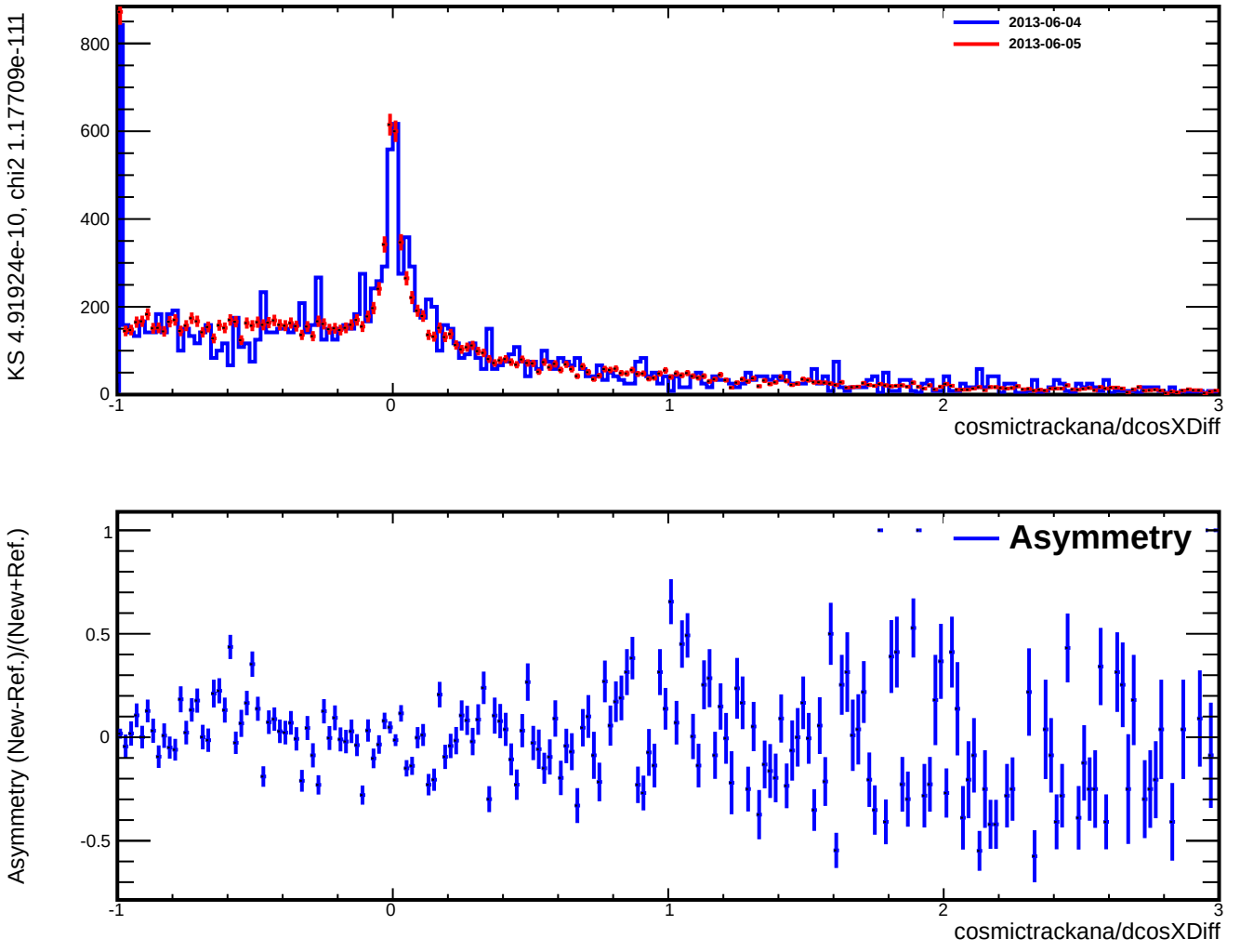

KS 0.878329, chi2 2.86031e-31
2013-06-04
2013-06-05
3000
2000
1000
0
0
2
4
6
8
10
CosmicAna/fElectronEnergy

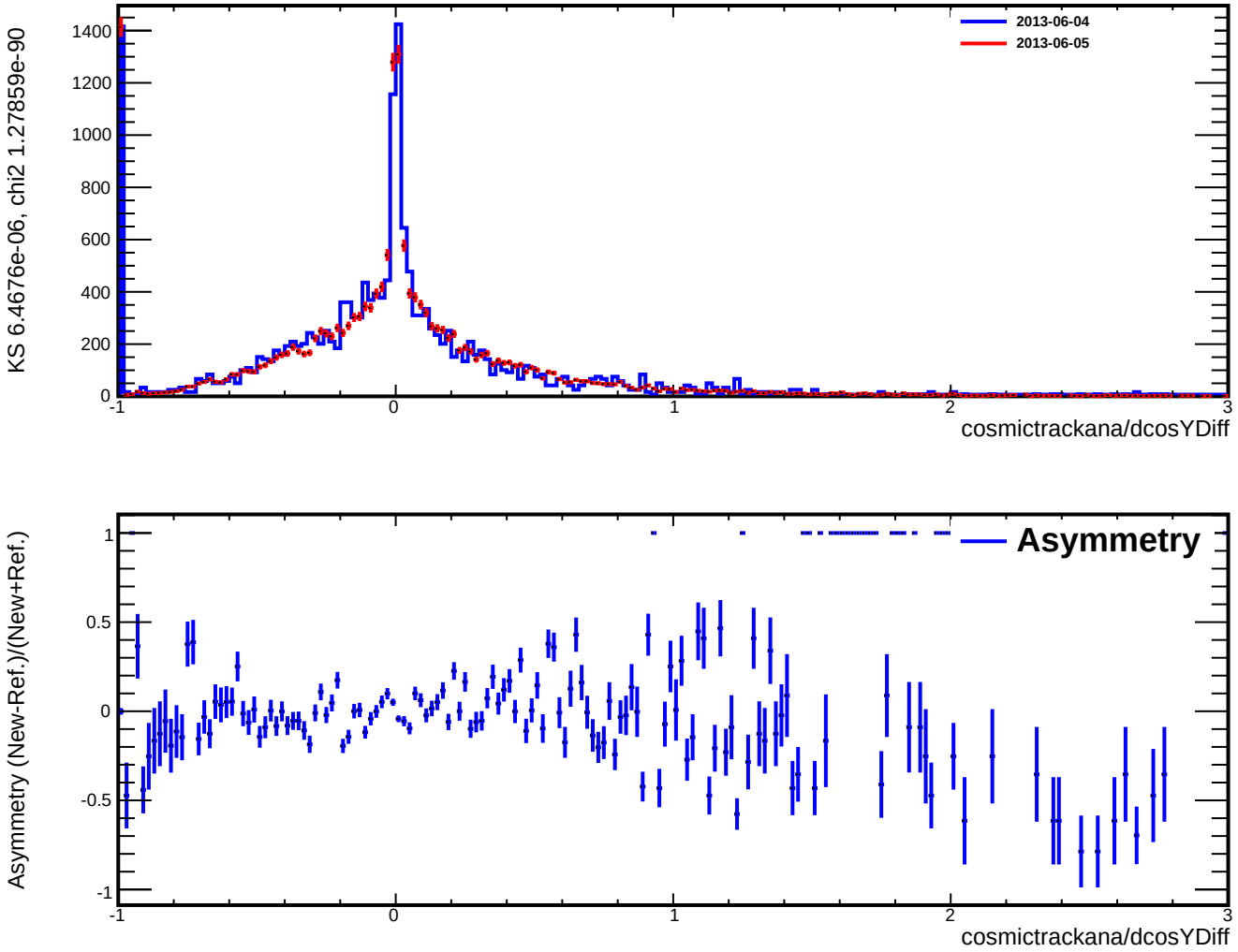

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
2
4
6
8
10
CosmicAna/fElectronEnergy

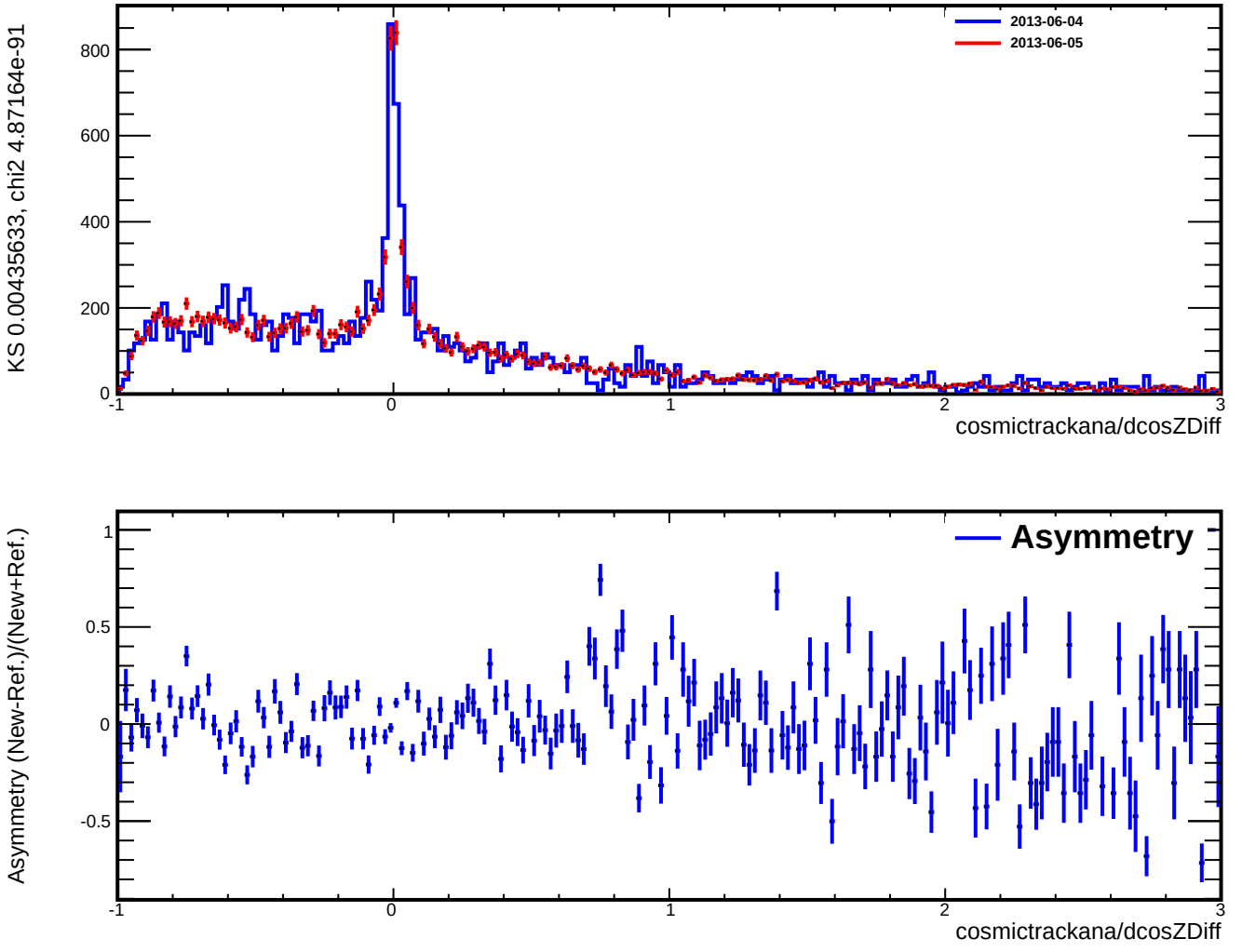

KS 0.330822, chi2 9.65394e-14
2013-06-04
2013-06-05
CosmicAna/fMuonCosQ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
CosmicAna/fMuonCosQ

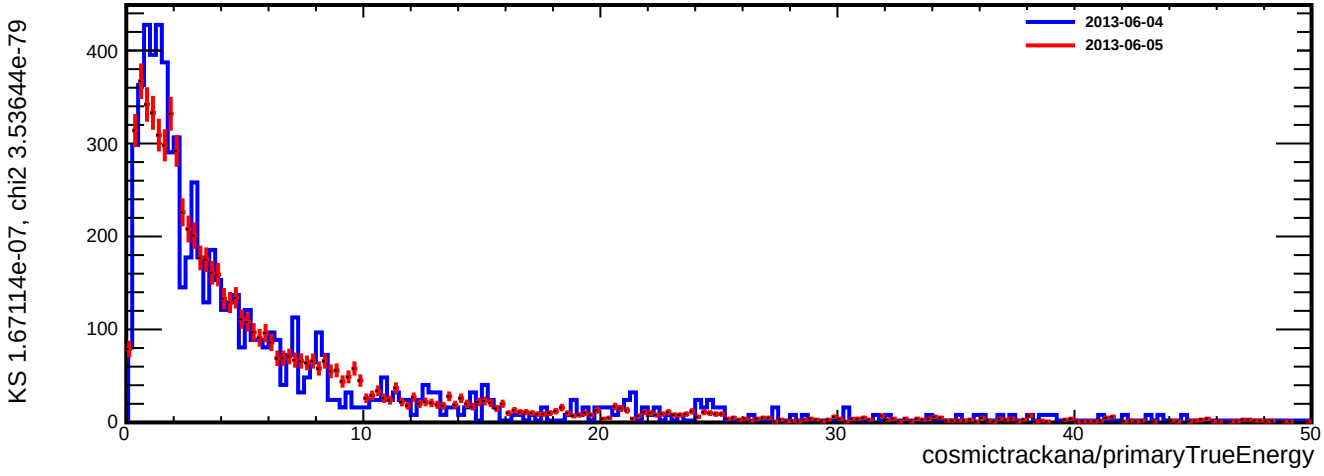

KS 3.5799e-06, chi2 2.41267e-111
2013-06-04
2013-06-05
4000
3000
2000
1000
0
0
20
40
60
80
100
CosmicAna/fMuonEnergy

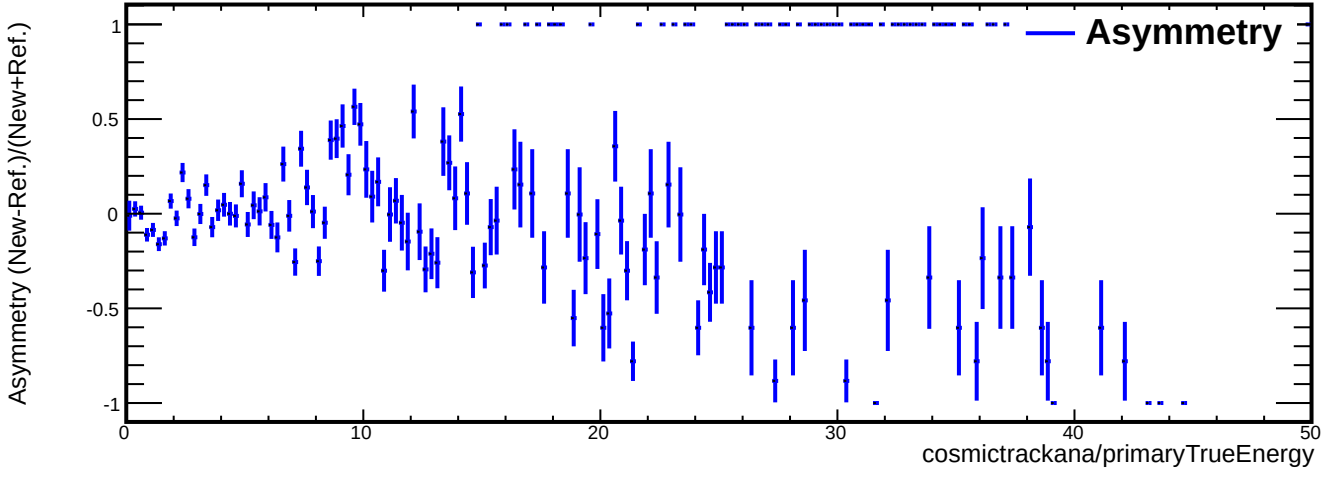

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
20
40
60
80
100
CosmicAna/fMuonEnergy

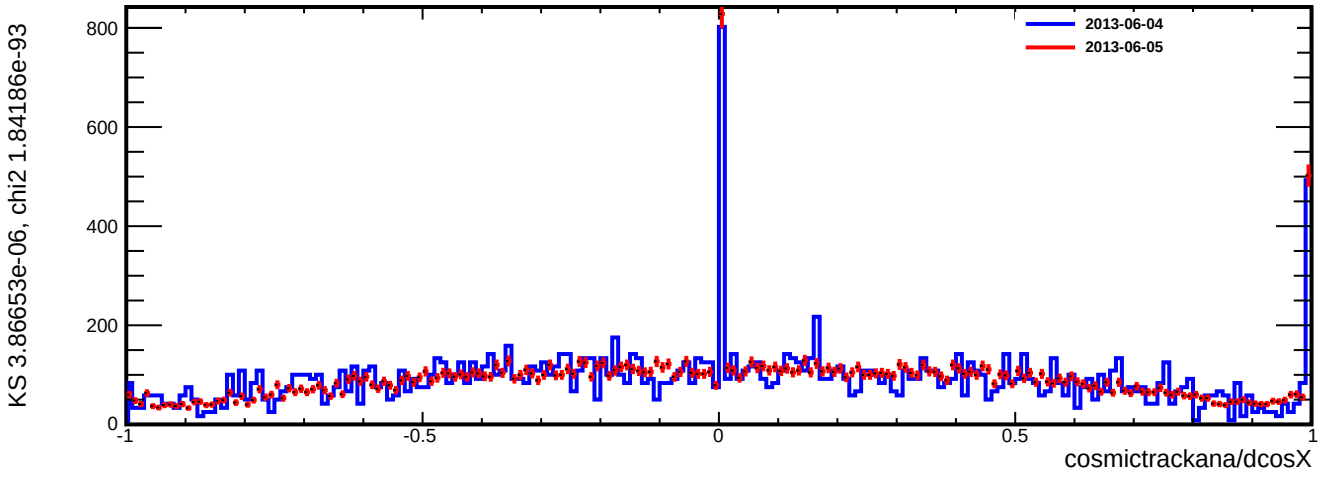

KS 4.91924e-10, chi2 1.17709e-111
2013-06-04
2013-06-05
cosmictrackana/dcosXDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosXDiff

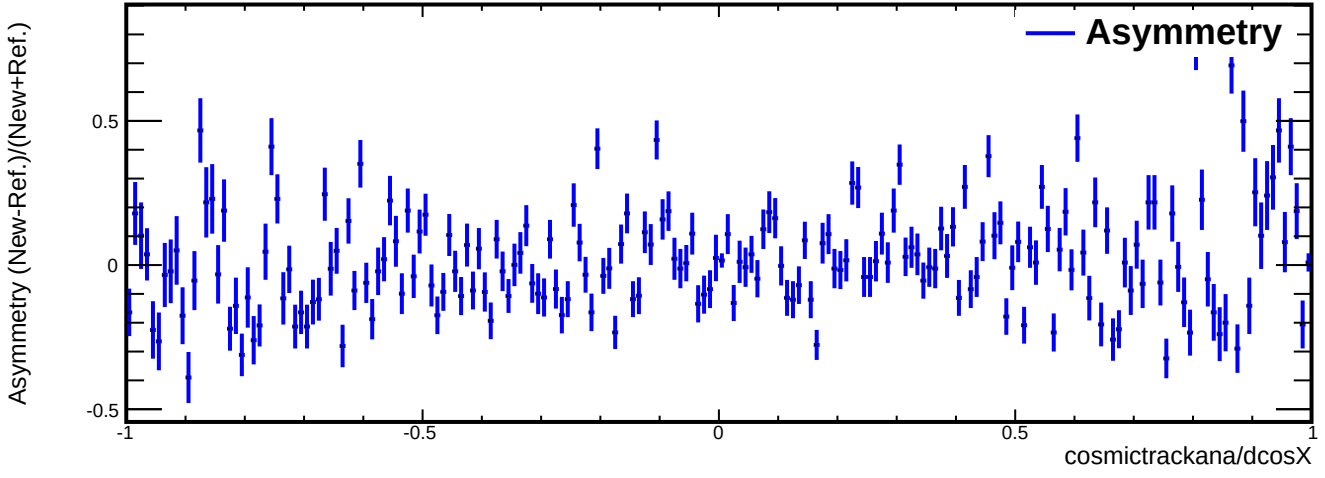

KS 6.4676e-06, chi2 1.27859e-90
2013-06-04
2013-06-05
cosmictrackana/dcosYDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosYDiff

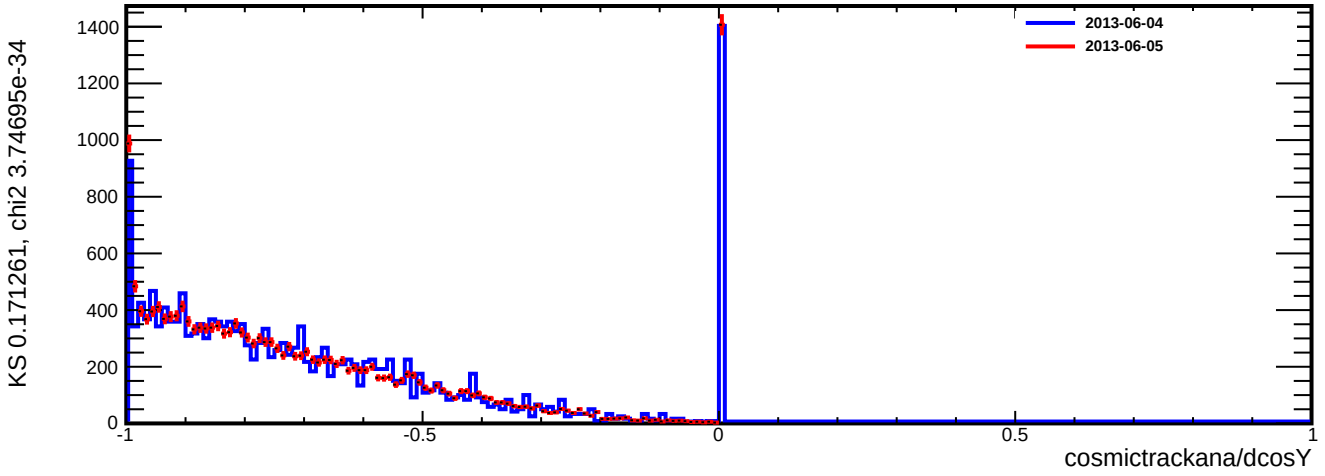

KS 0.00435633, chi2 4.87164e-91
2013-06-04
2013-06-05
cosmictrackana/dcosZDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosZDiff

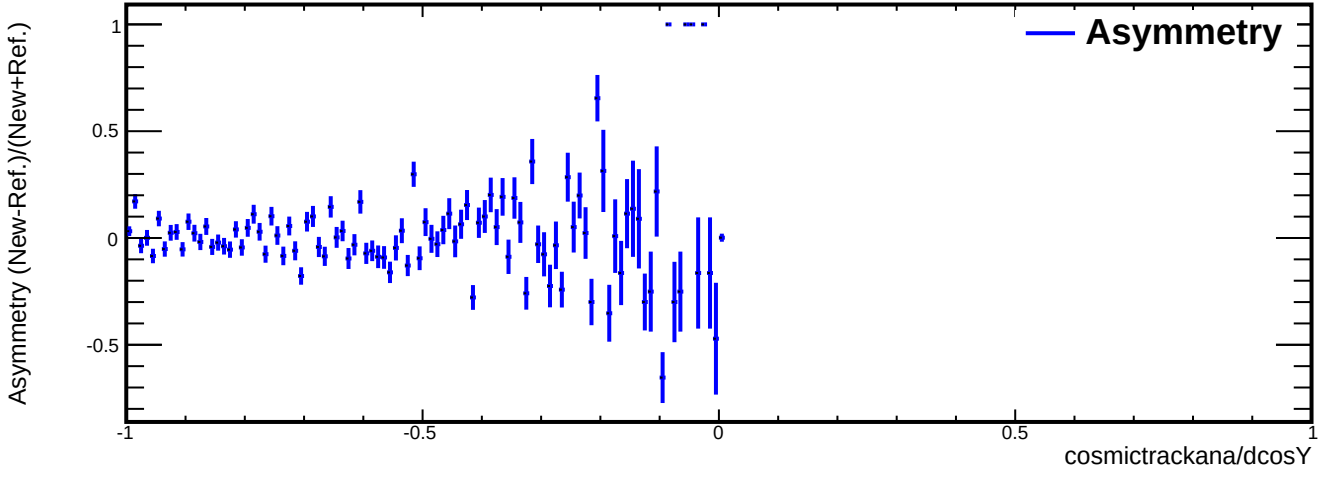

KS 1.67114e-07, chi2 3.53644e-79
2013-06-04
2013-06-05
cosmictrackana/primaryTrueEnergy

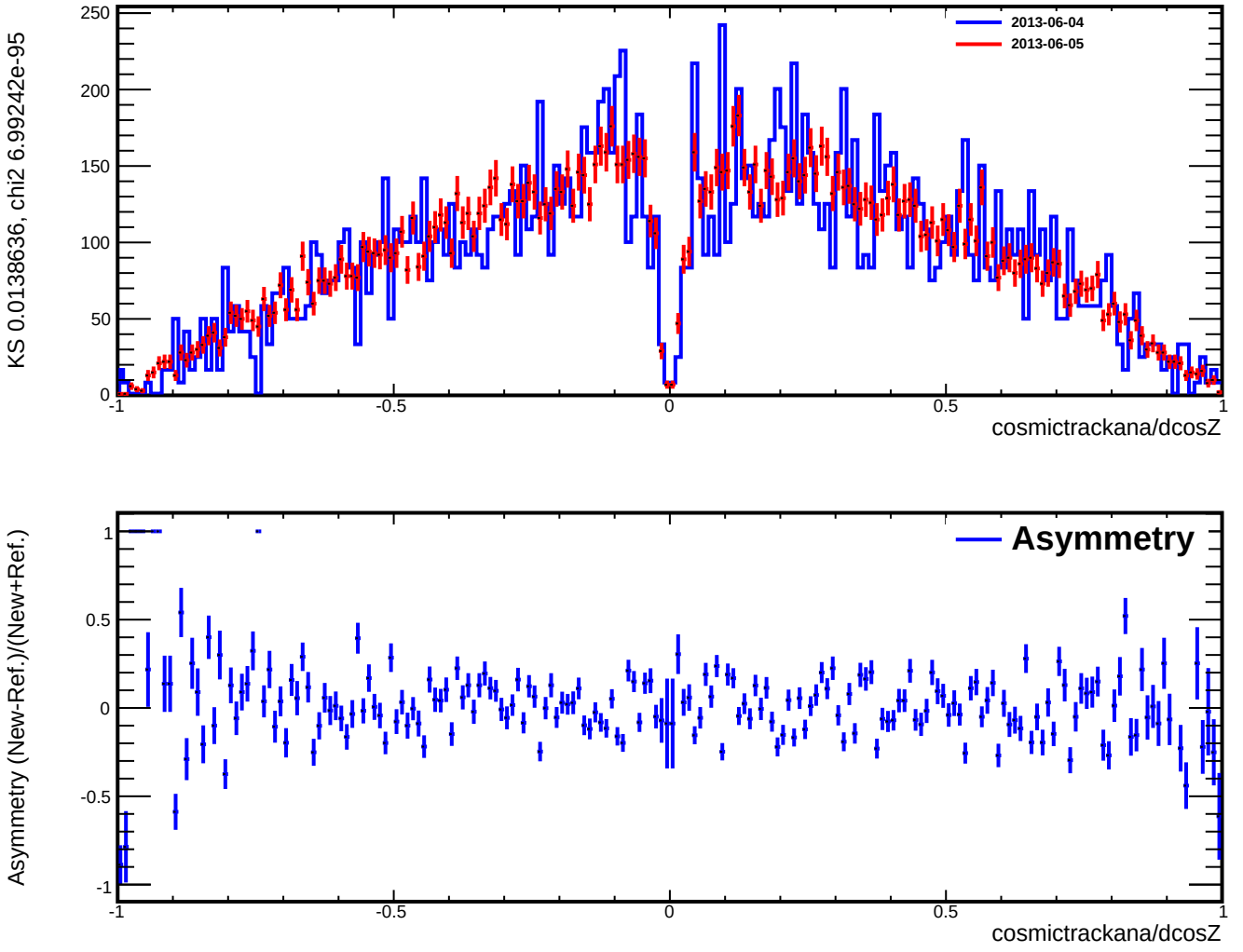

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/primaryTrueEnergy

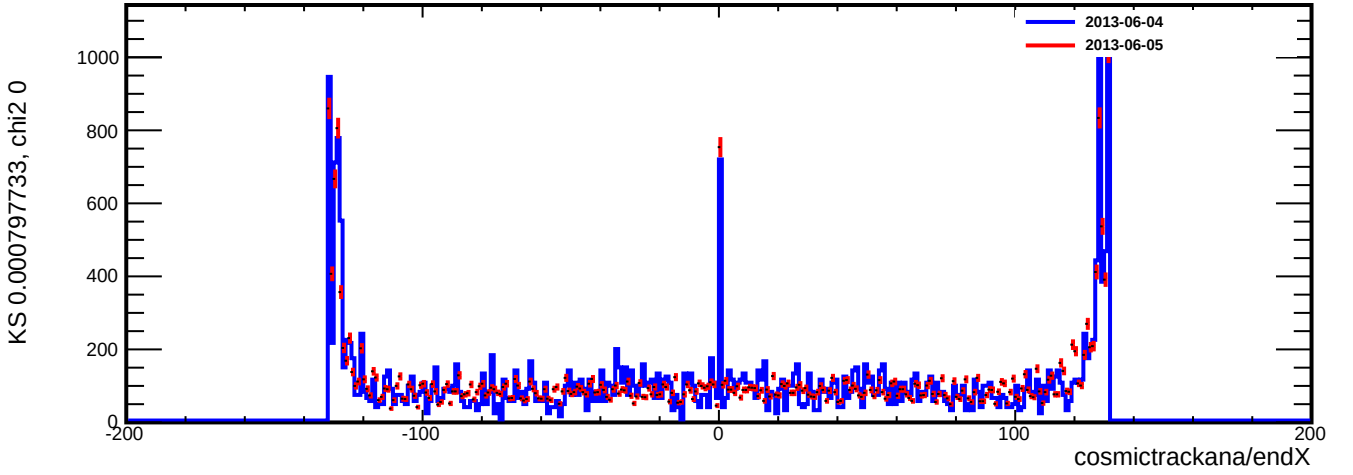

KS 3.86653e-06, chi2 1.84186e-93
2013-06-04
2013-06-05
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

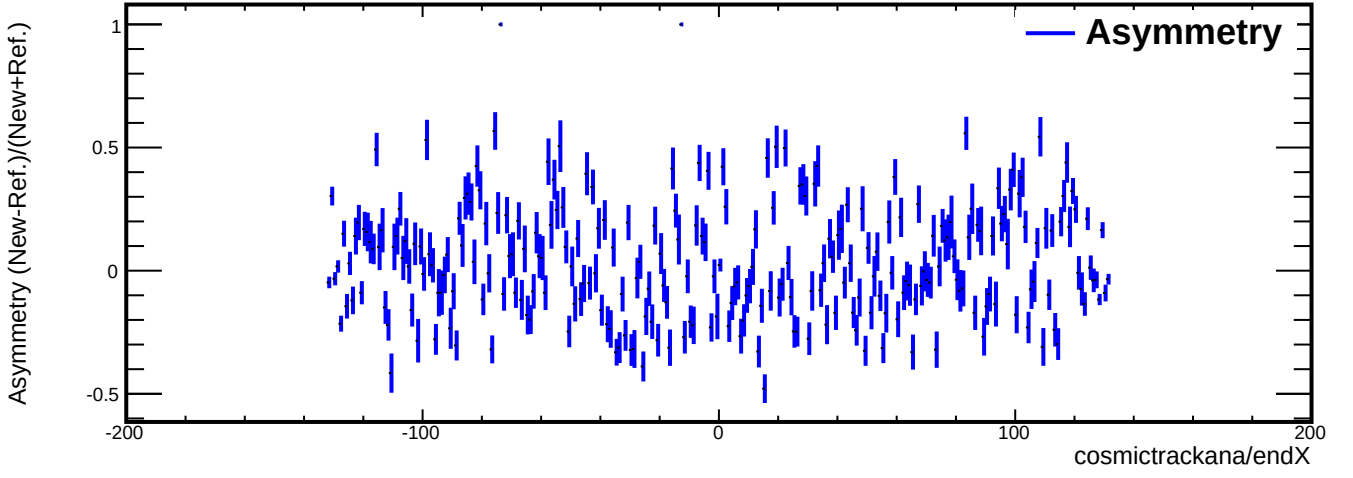

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

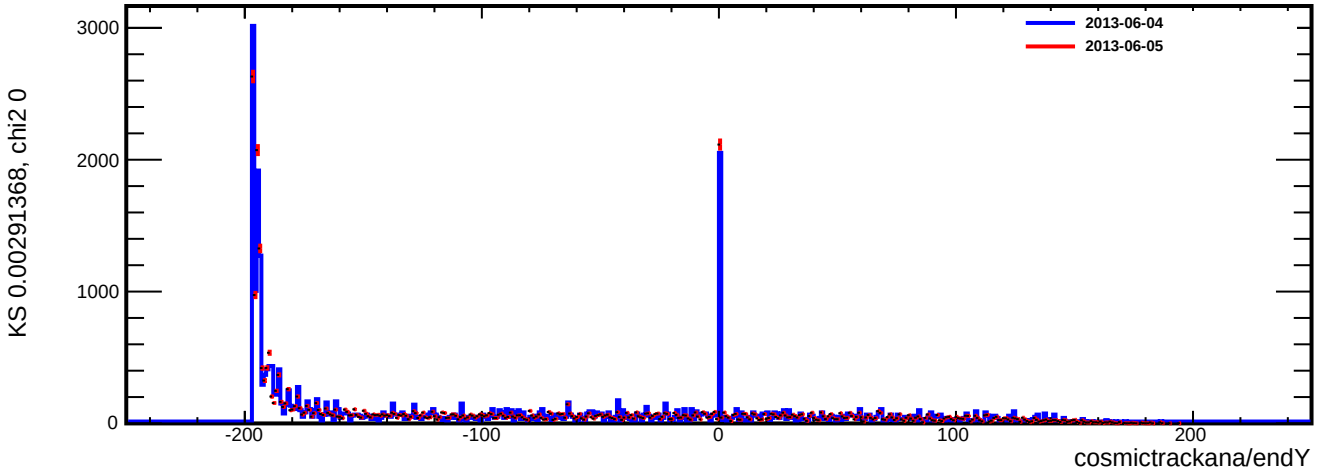

KS 0.171261, chi2 3.74695e-34
2013-06-04
2013-06-05
cosmictrackana/dcosY

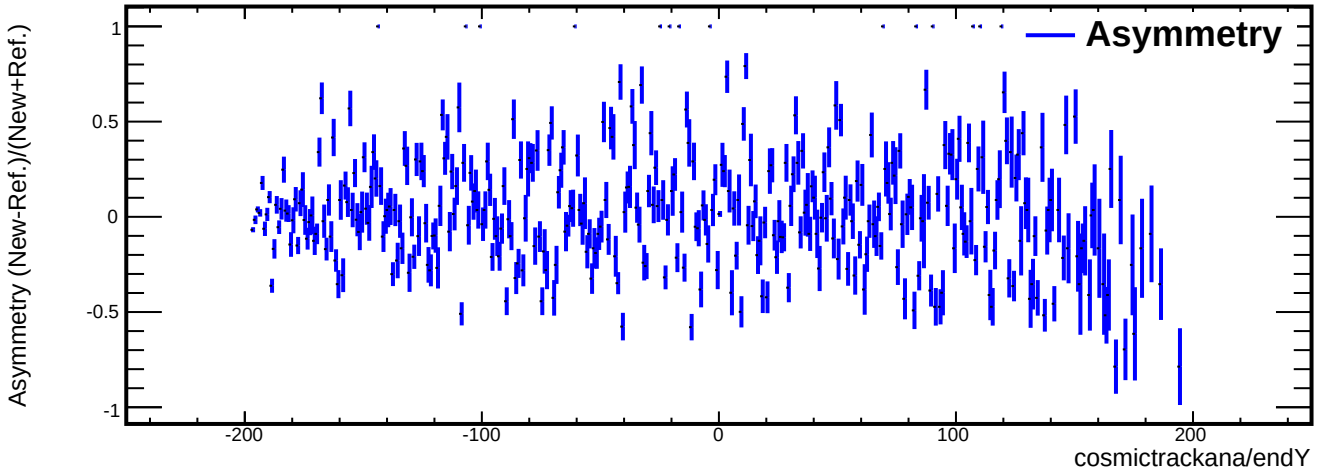

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosY

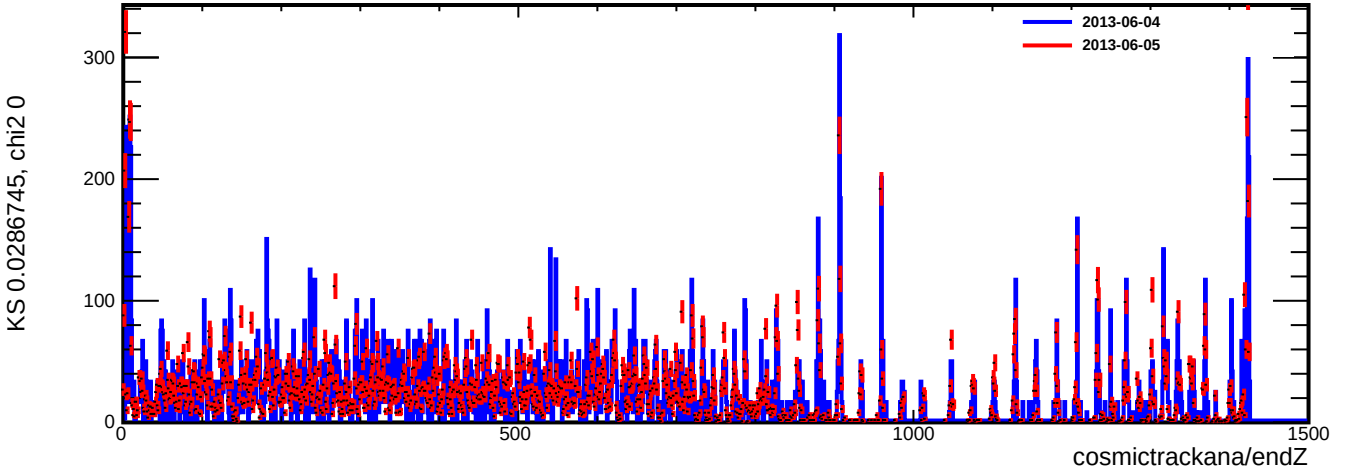

KS 0.0138636, chi2 6.99242e-95
2013-06-04
2013-06-05
cosmictrackana/dcosZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosZ

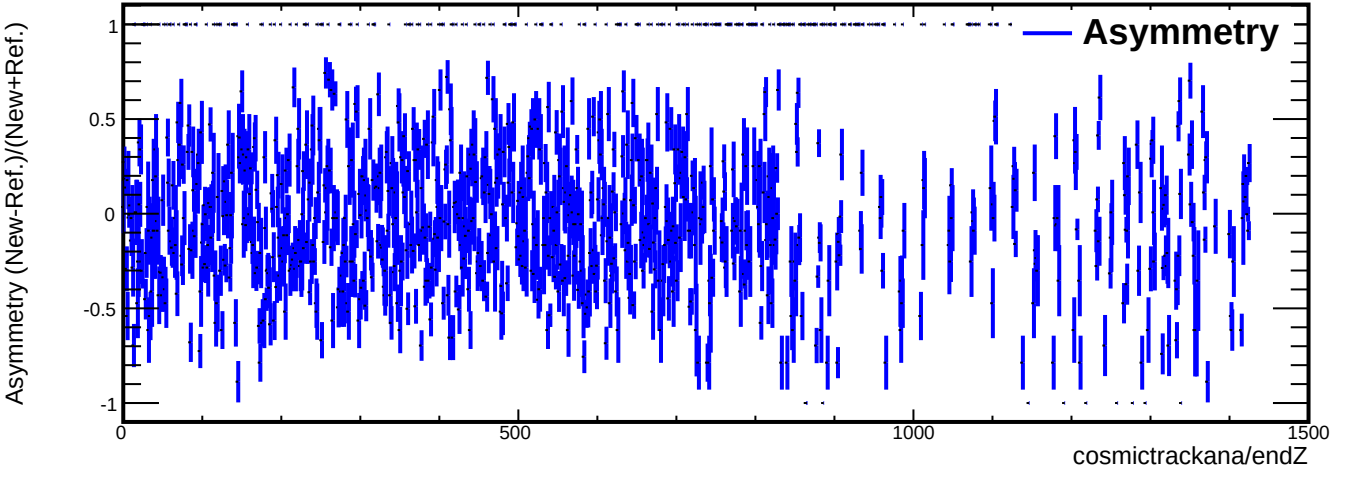

2013-06-04
2013-06-05
KS 0.000797733, chi2 0
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX

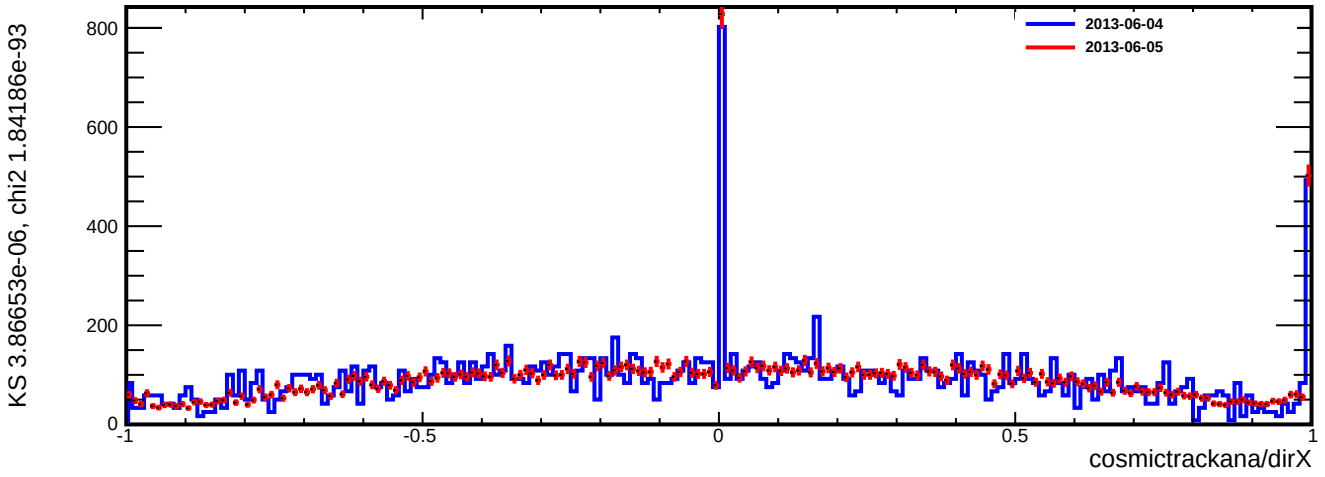

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/endX

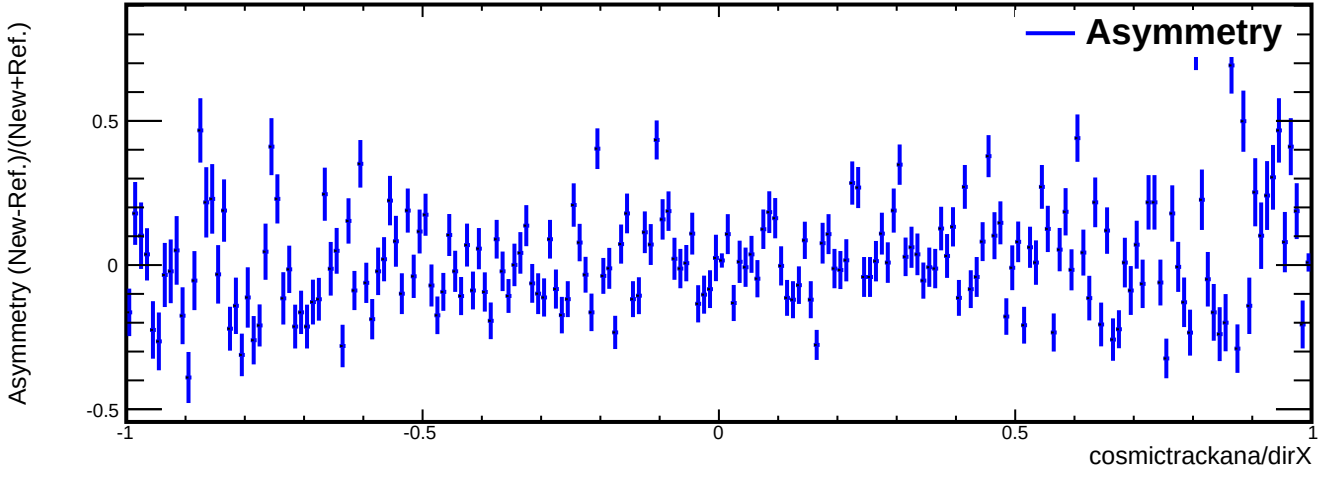

KS 0.00291368, chi2 0
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/endY
2013-06-04
2013-06-05

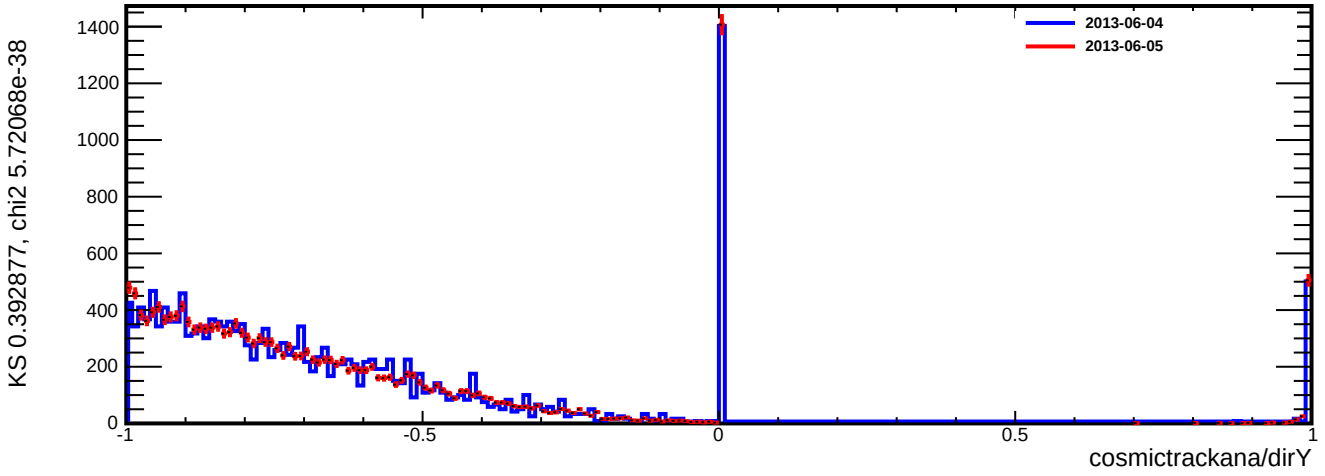

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY
Asymmetry

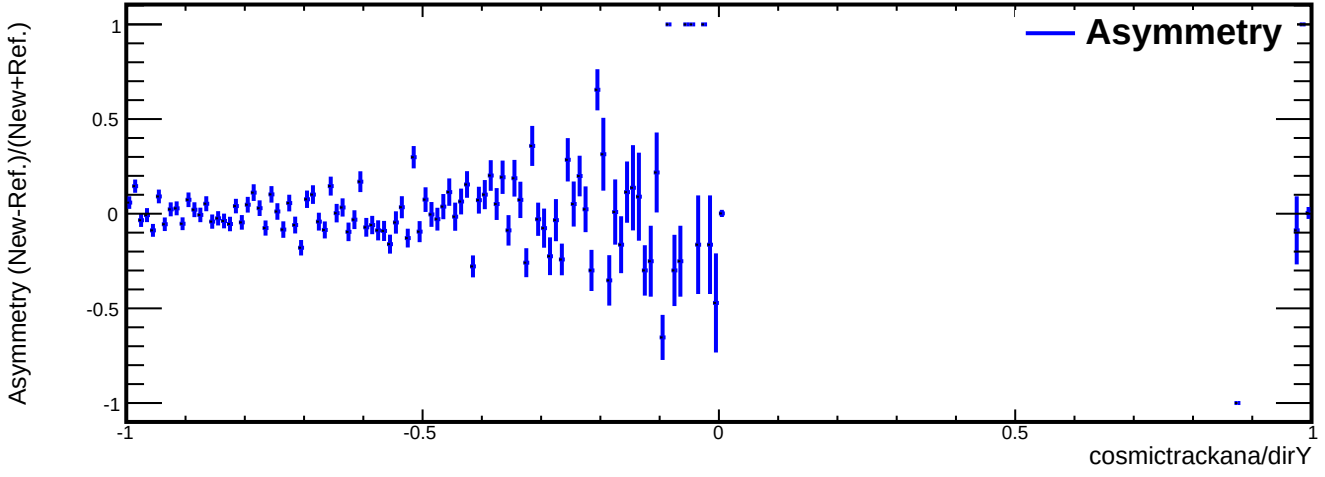

2013-06-04
2013-06-05
KS 0.0286745, chi2 0
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

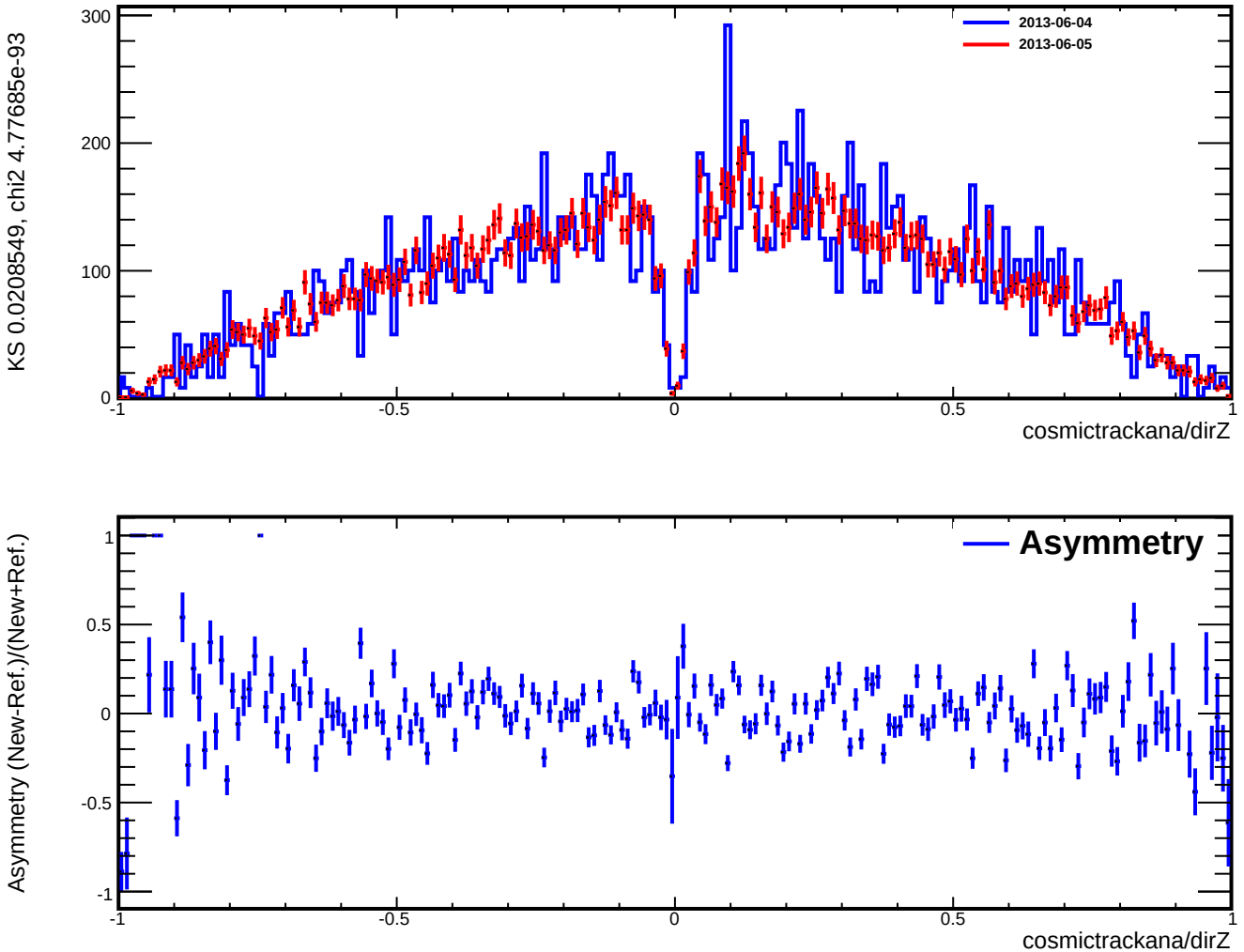

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

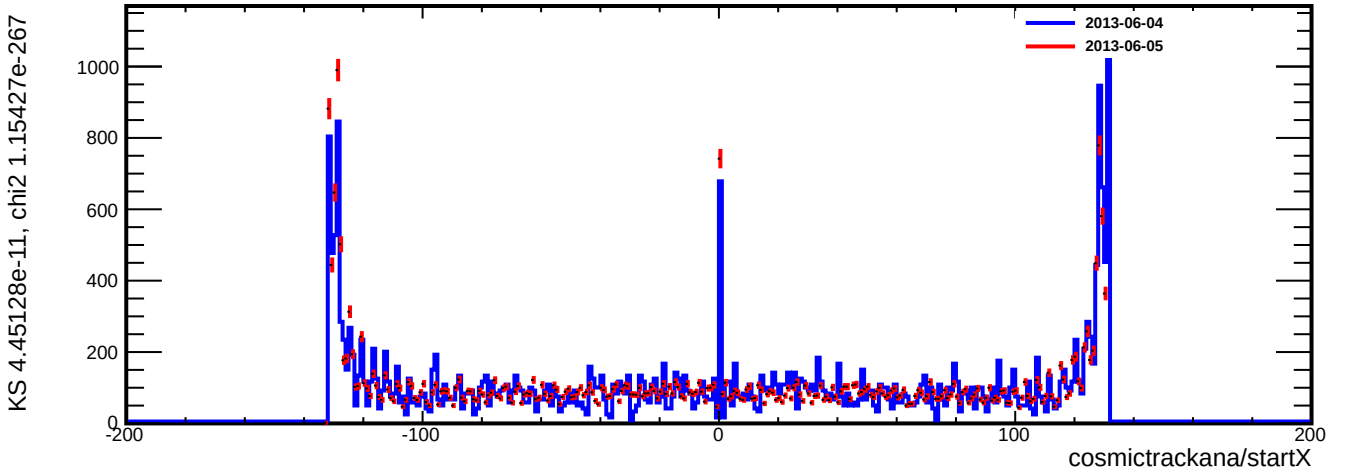

KS 3.86653e-06, chi2 1.84186e-93
2013-06-04
2013-06-05
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dirX

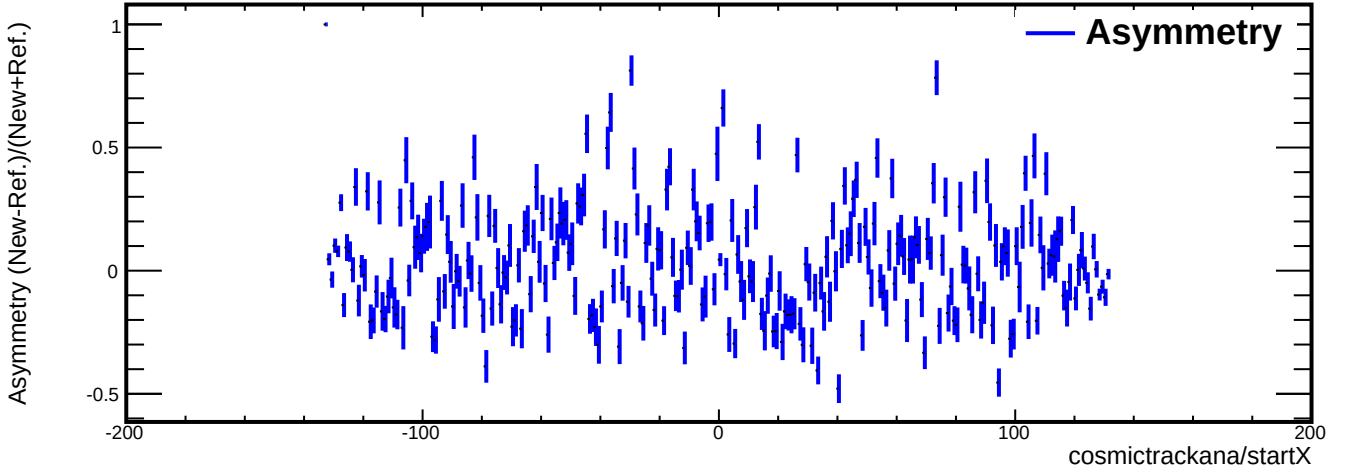

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dirX

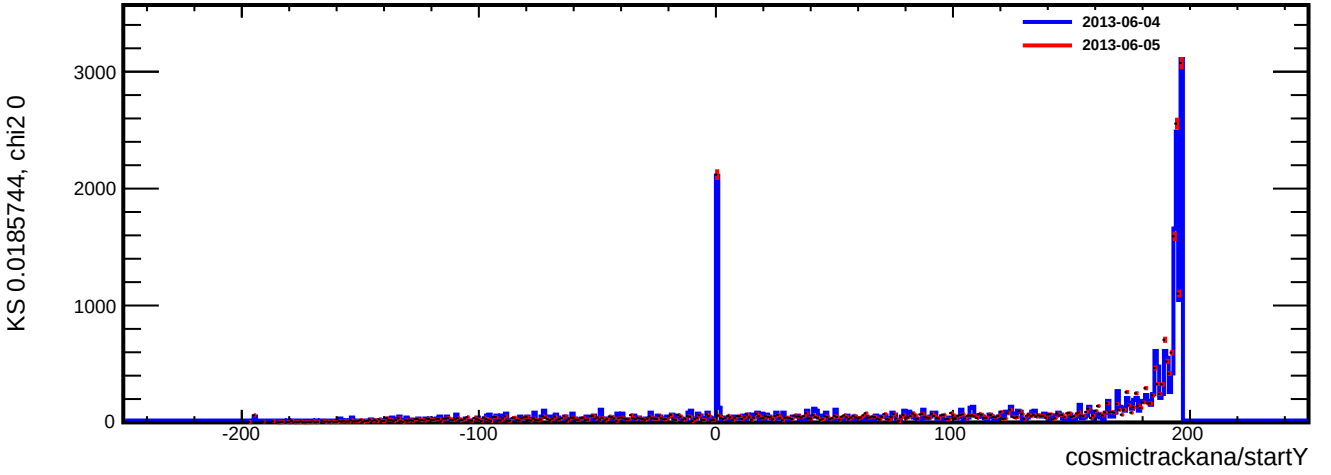

KS 0.392877, chi2 5.72068e-38
2013-06-04
2013-06-05
cosmictrackana/dirY

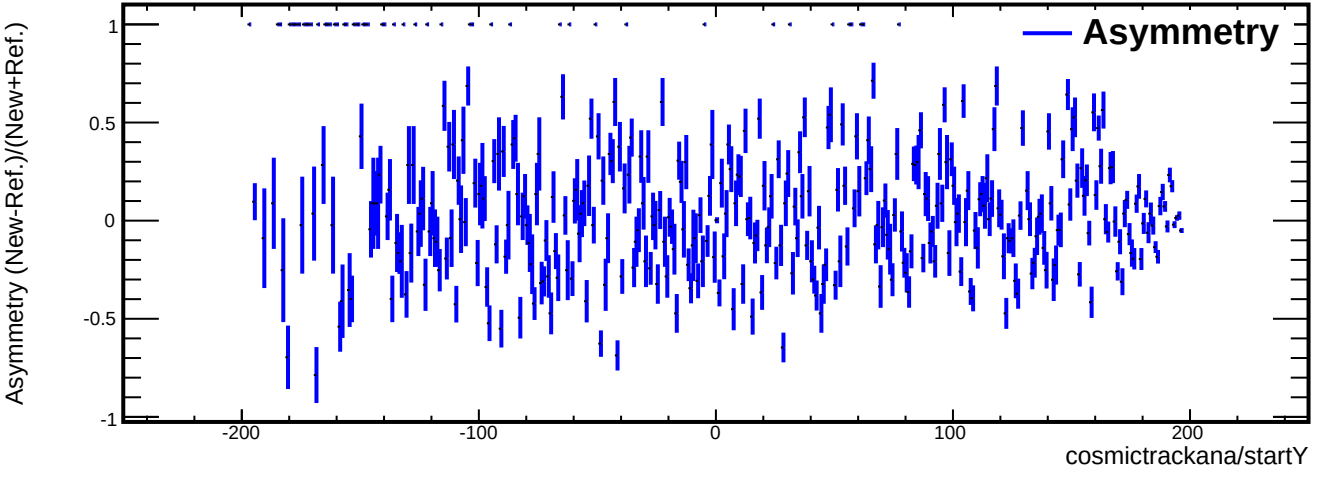

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirY

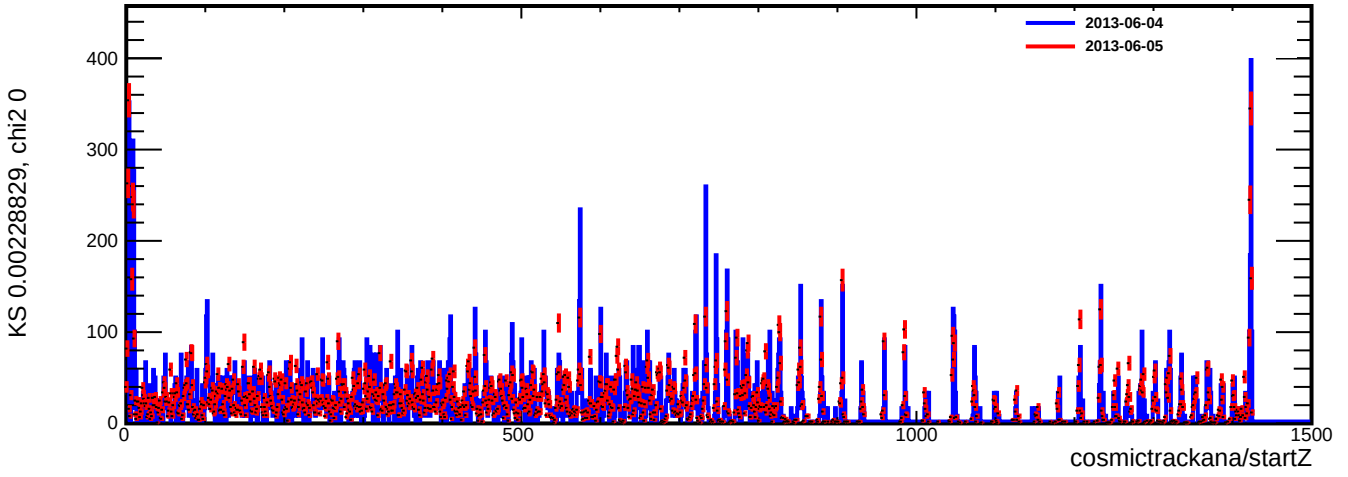

KS 0.0208549, chi2 4.77685e-93
2013-06-04
2013-06-05
cosmictrackana/dirZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirZ

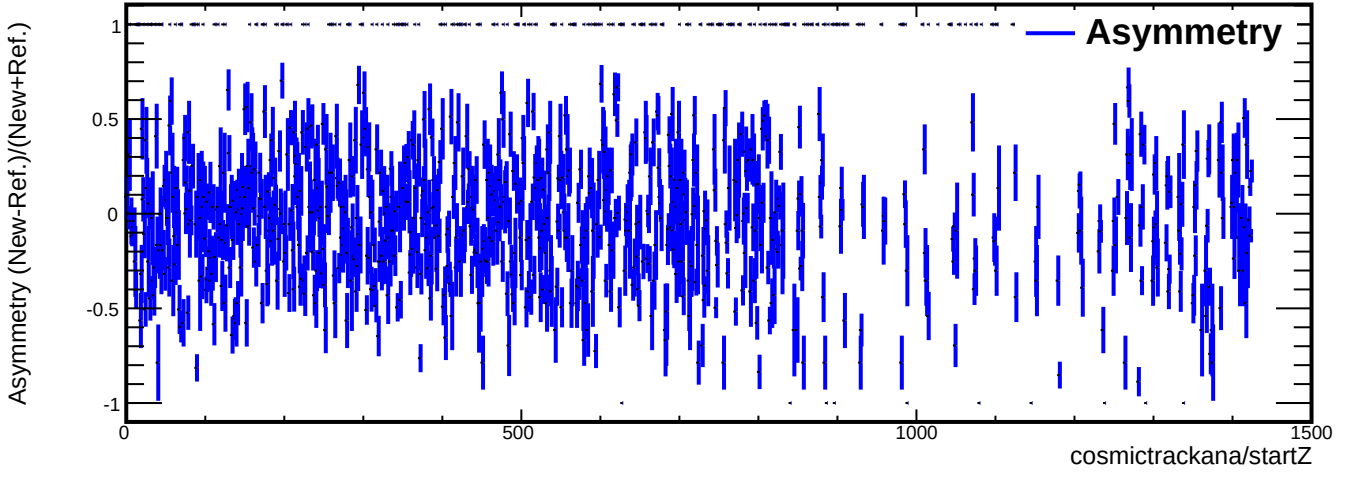

KS 4.45128e-11, chi2 1.15427e-267
2013-06-04
2013-06-05
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

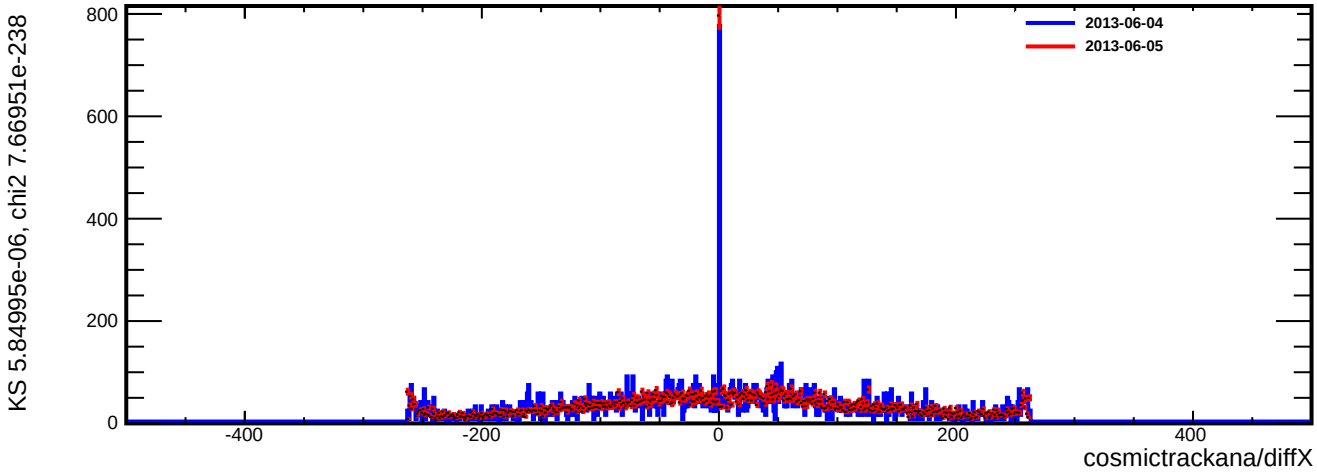

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/startX

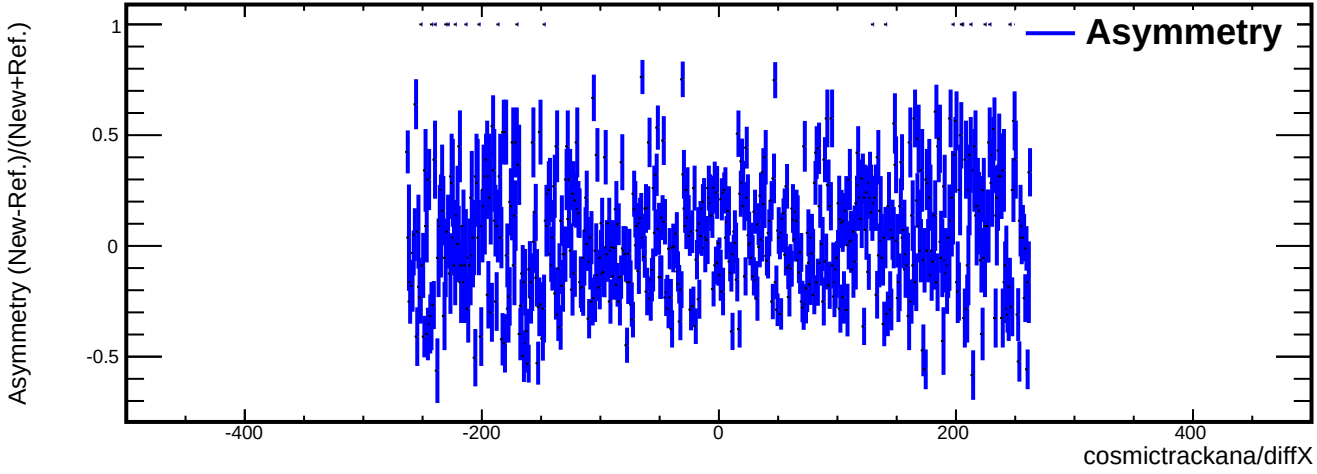

2013-06-04
2013-06-05
KS 0.0185744, chi2 0
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

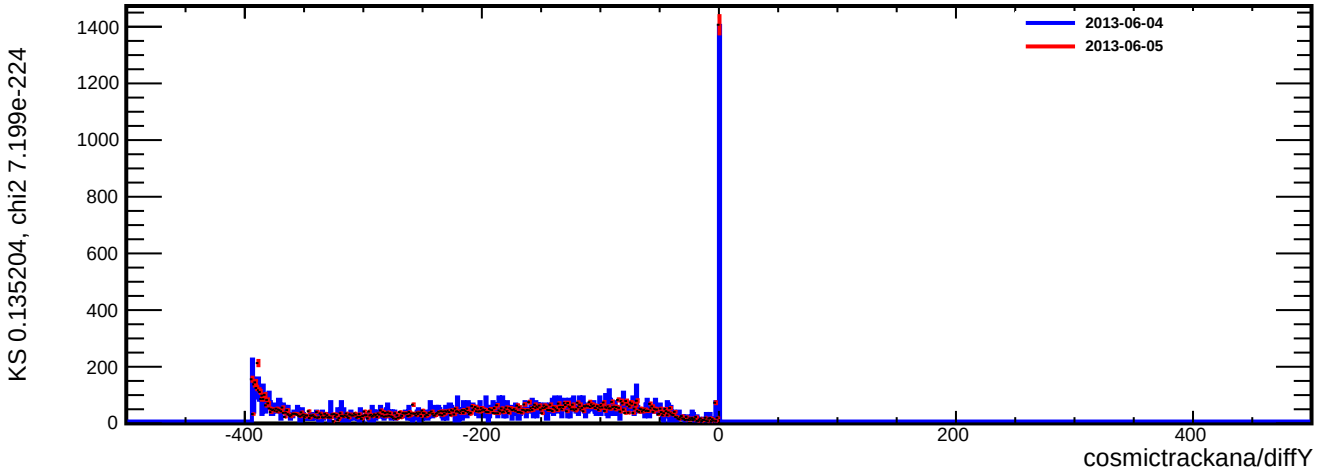

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY

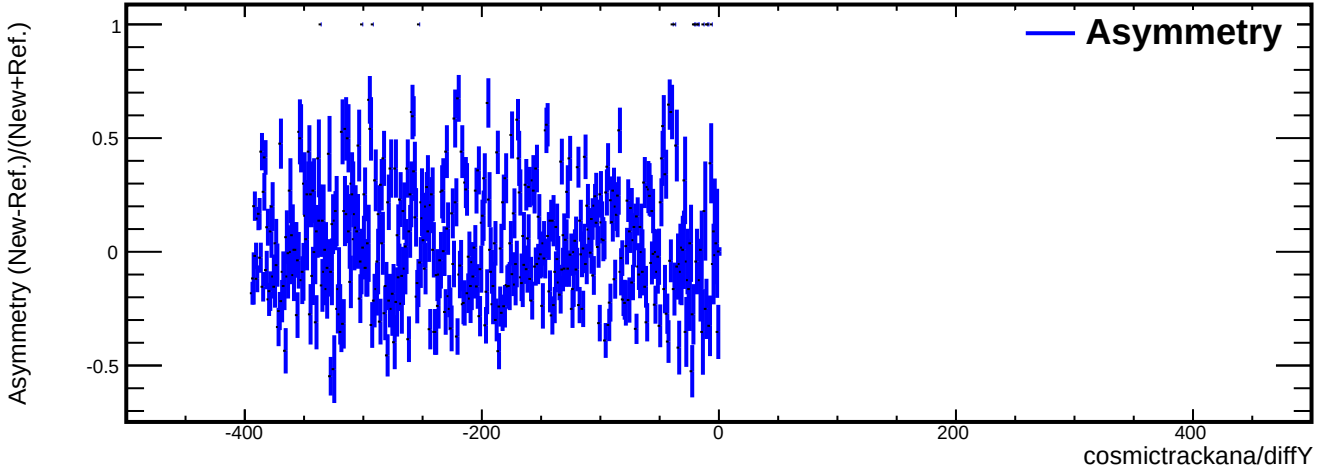

2013-06-04
2013-06-05
KS 0.00228829, chi2 0
400
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

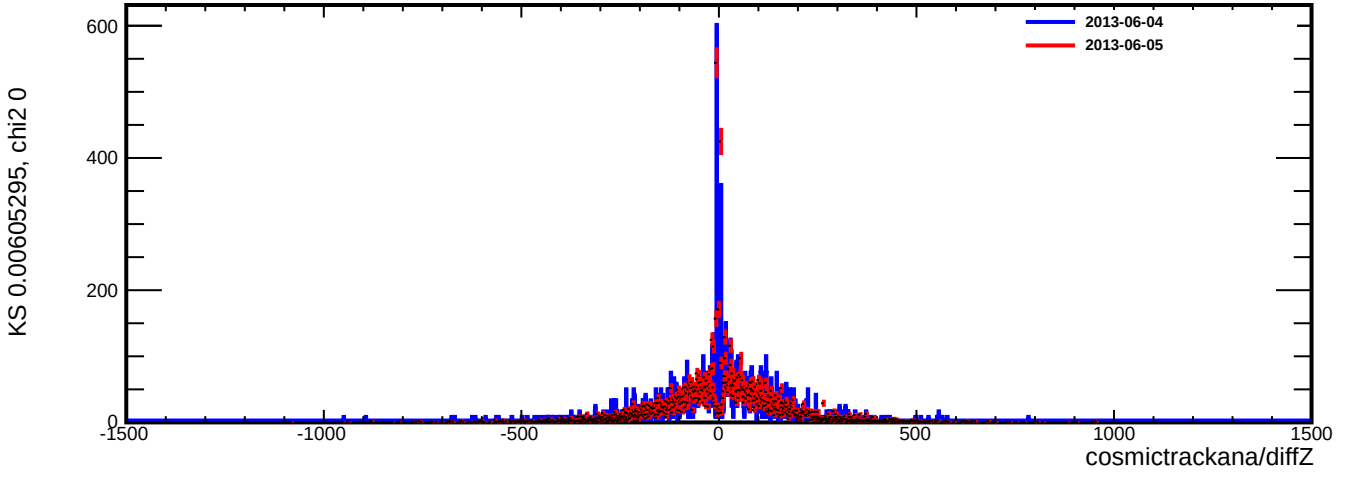

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ

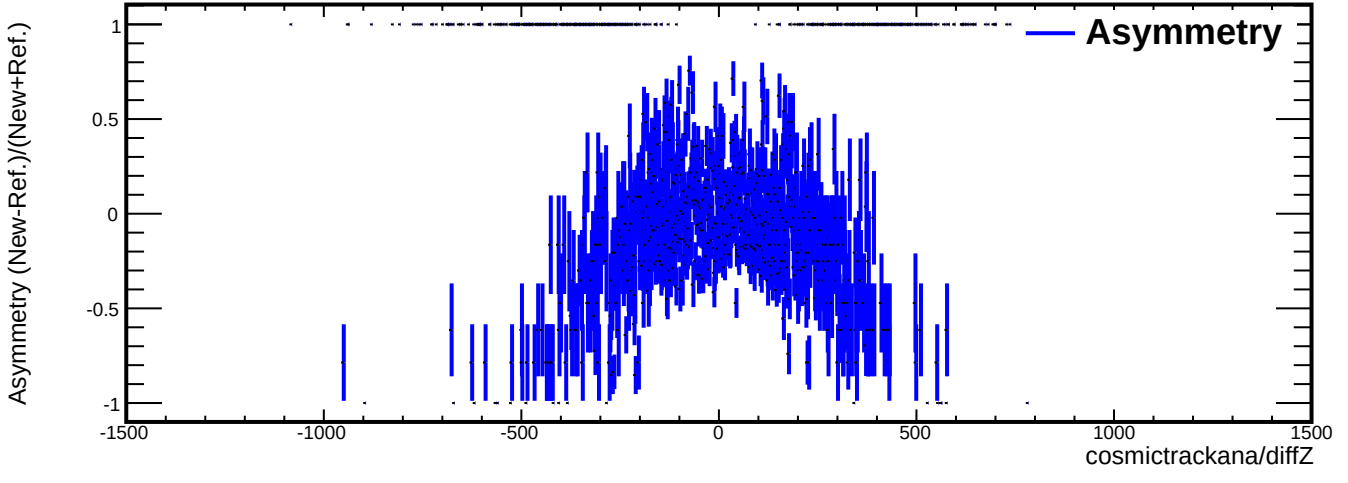

KS 5.84995e-06, chi2 7.66951e-238
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX
2013-06-04
2013-06-05

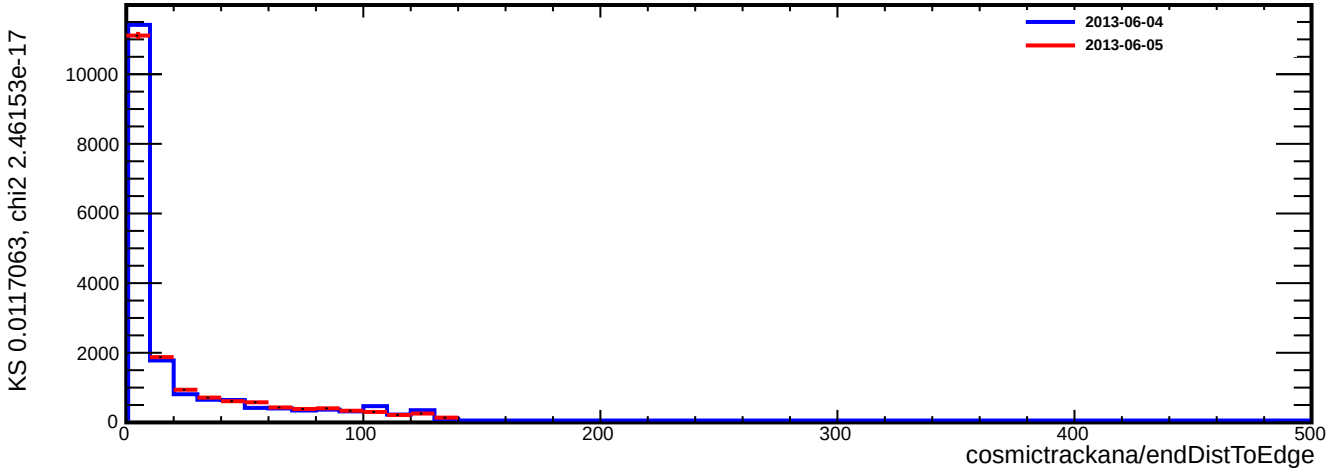

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffX
Asymmetry

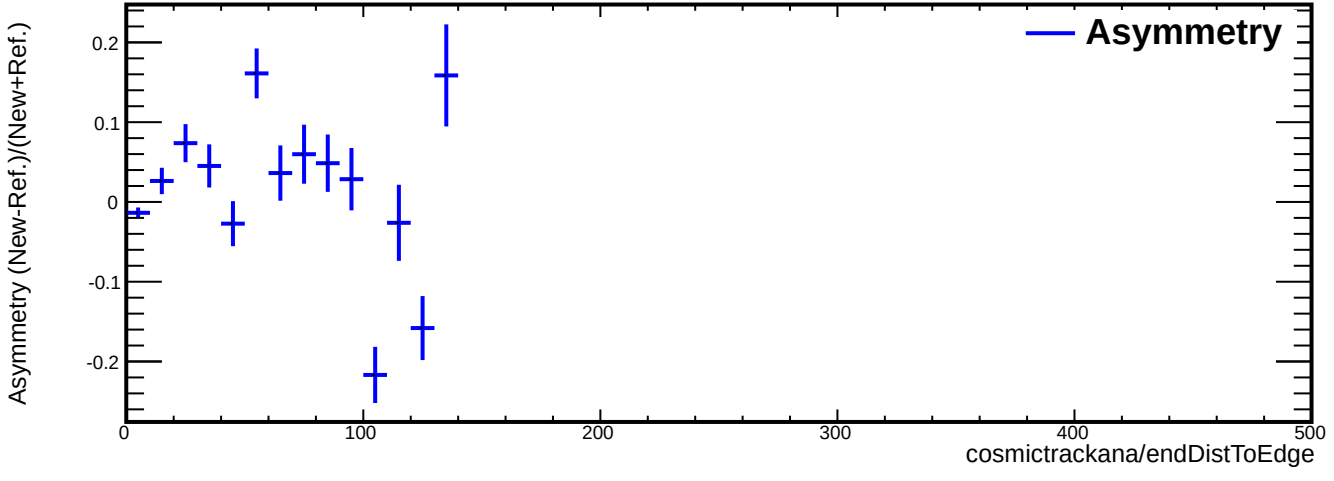

KS 0.135204, chi2 7.199e-224
2013-06-04
2013-06-05
cosmictrackana/diffY

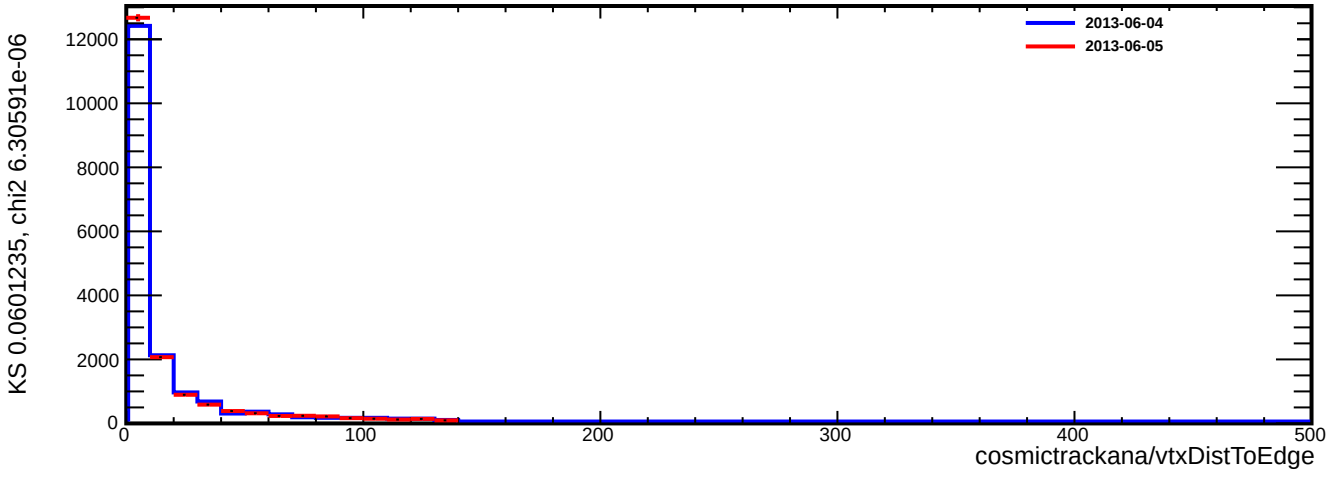

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/diffY

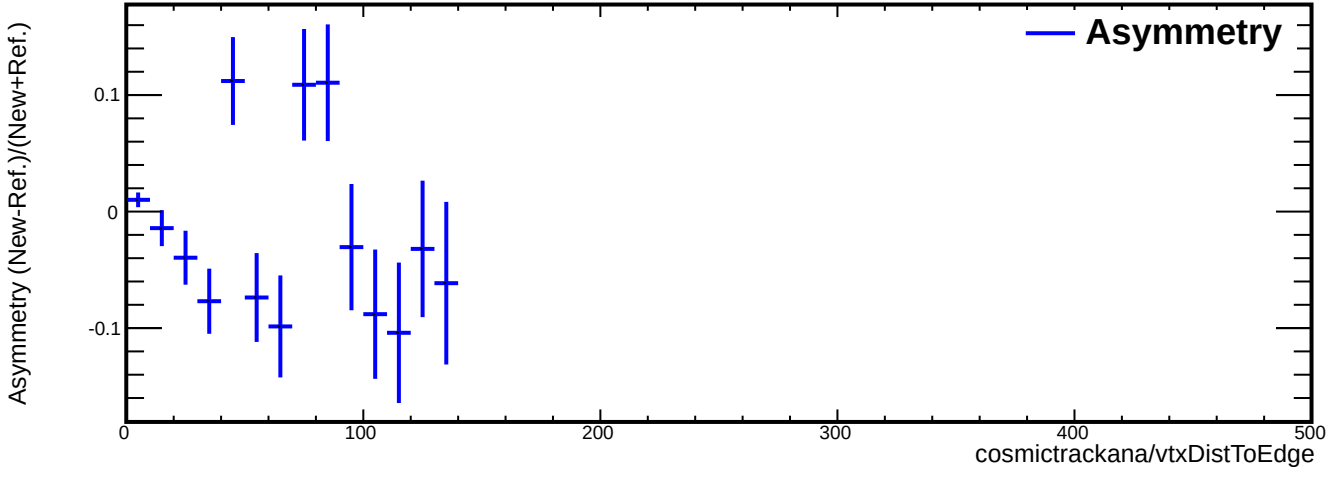

KS 0.00605295, chi2 0
600
400
200
0
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ
2013-06-04
2013-06-05

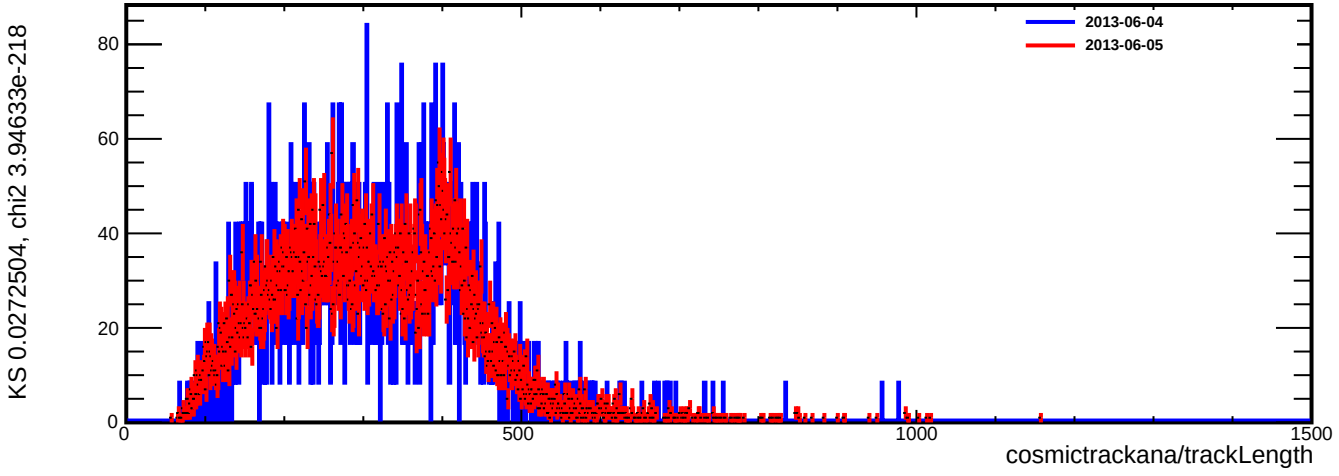

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ
Asymmetry

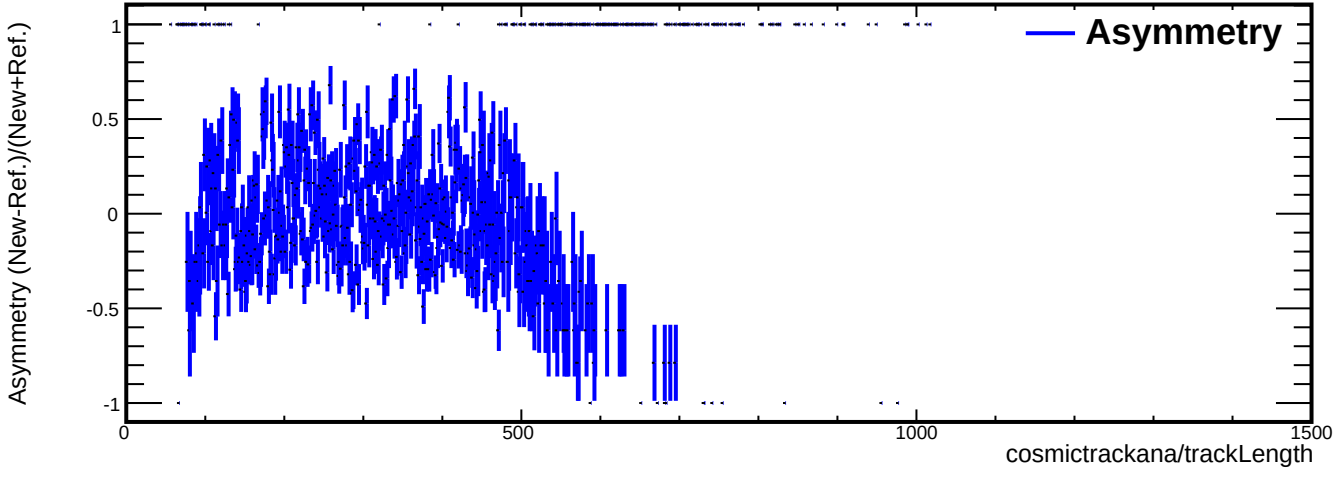

KS 0.0117063, chi2 2.46153e-17
2013-06-04
2013-06-05
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/endDistToEdge

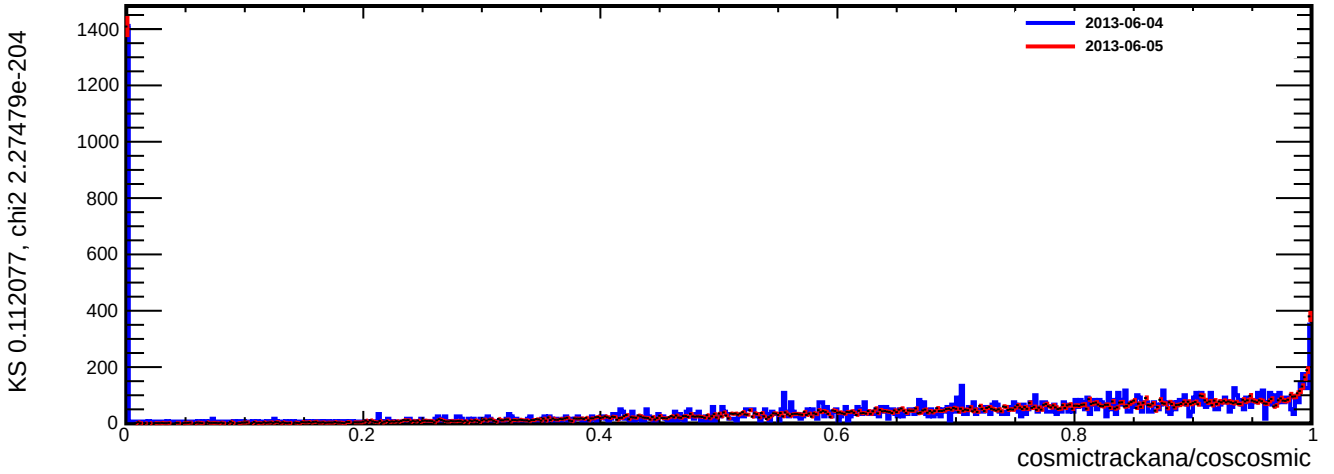

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
-0.2
0
100
200
300
400
500
cosmictrackana/endDistToEdge

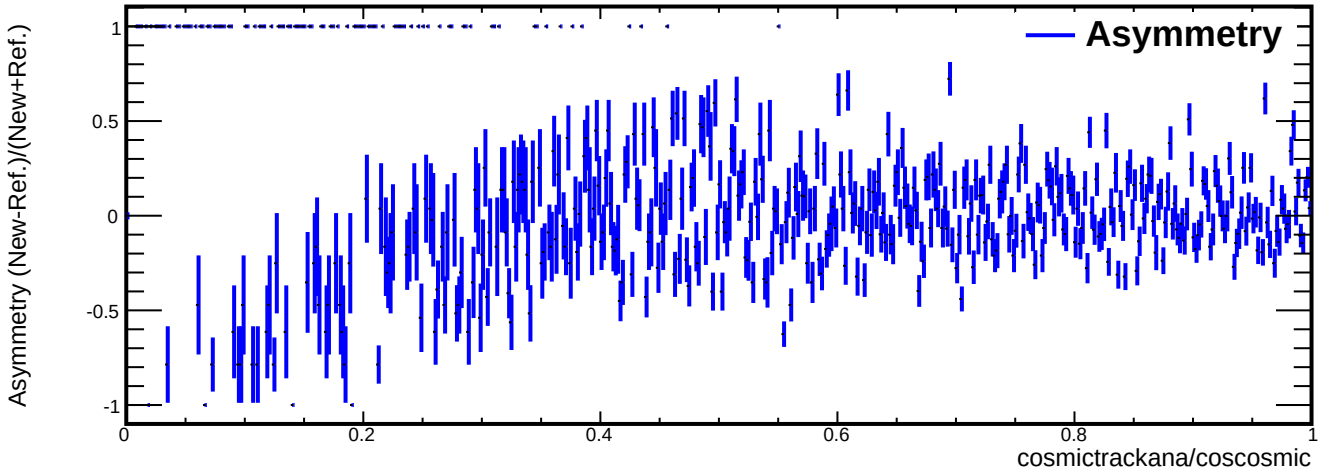

KS 0.0601235, chi2 6.30591e-06
2013-06-04
2013-06-05
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

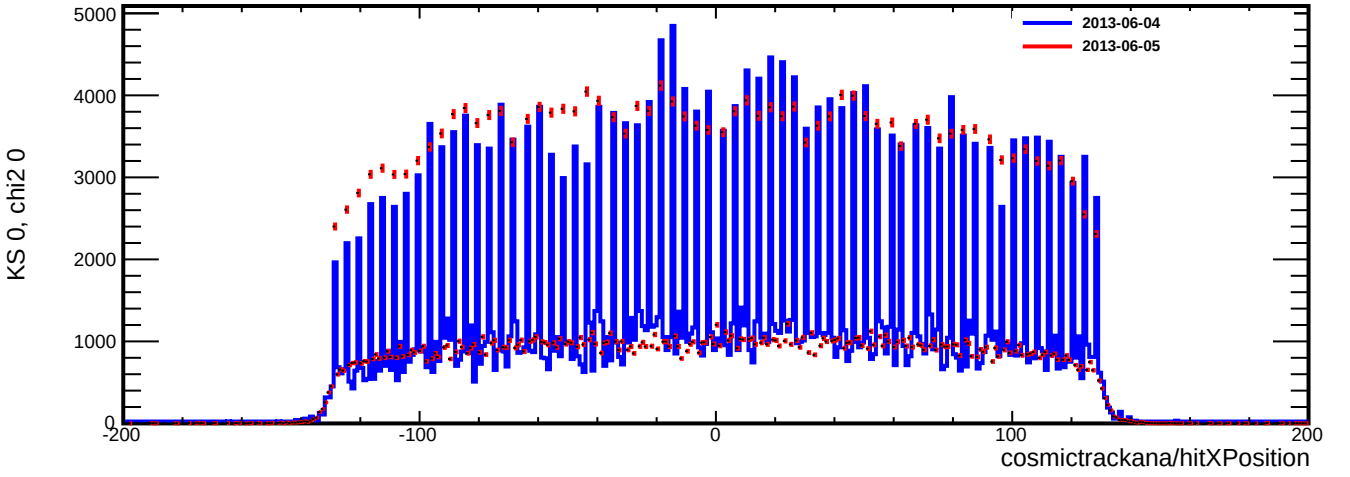

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

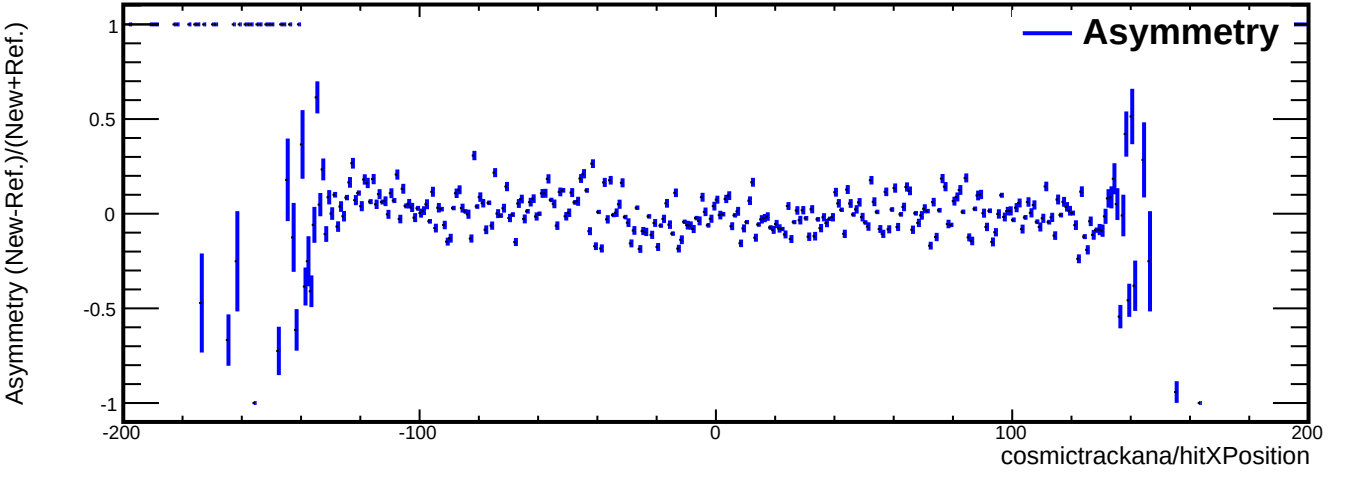

KS 0.0272504, chi2 3.94633e-218
2013-06-04
2013-06-05
0
20
40
60
80
0
500
1000
1500
cosmictrackana/trackLength

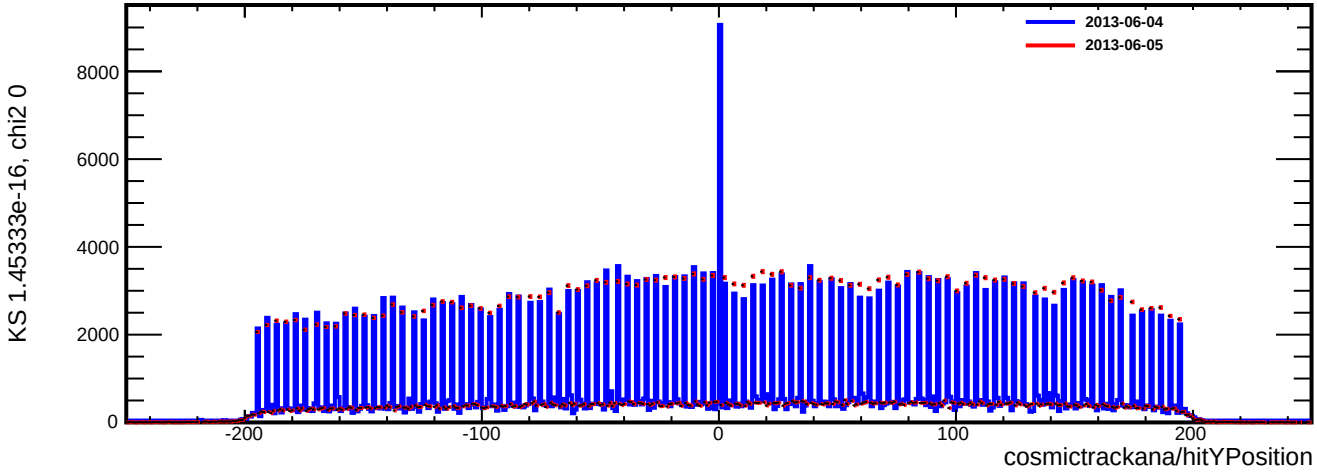

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/trackLength

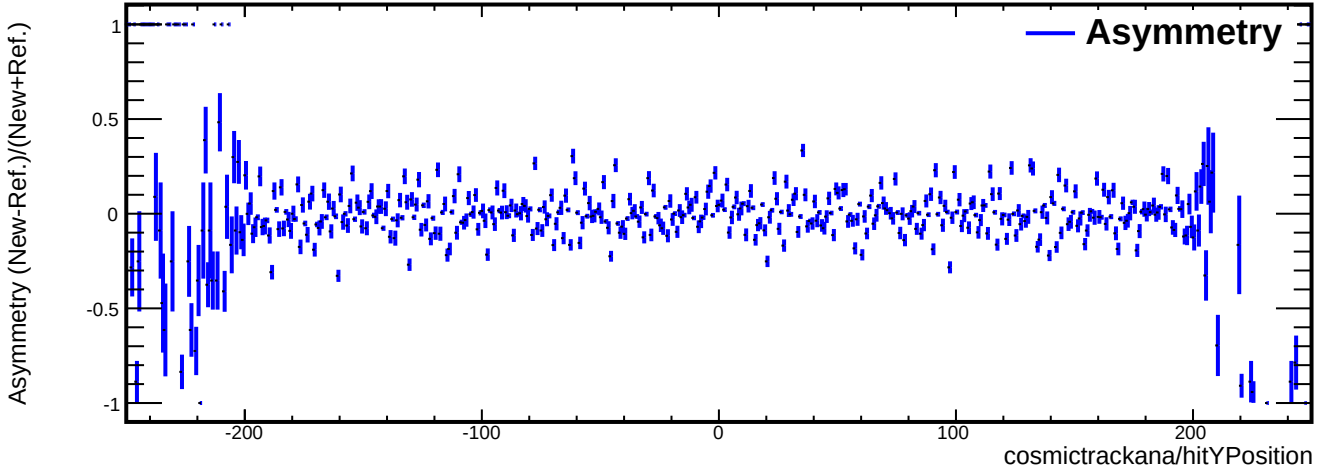

KS 0.112077, chi2 2.27479e-204
2013-06-04
2013-06-05
cosmictrackana/coscosmic

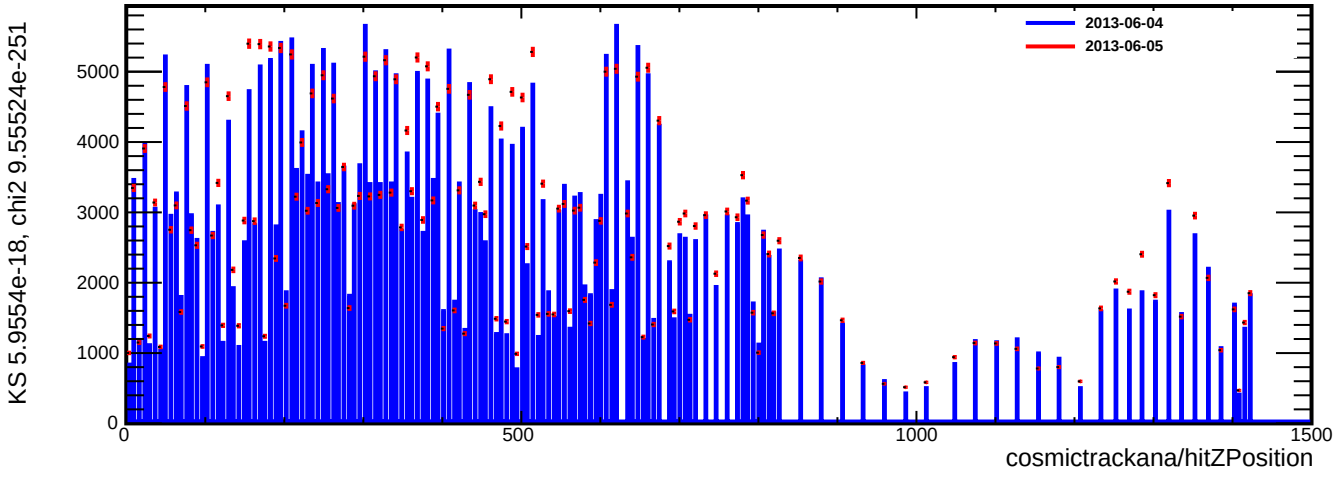

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/coscosmic

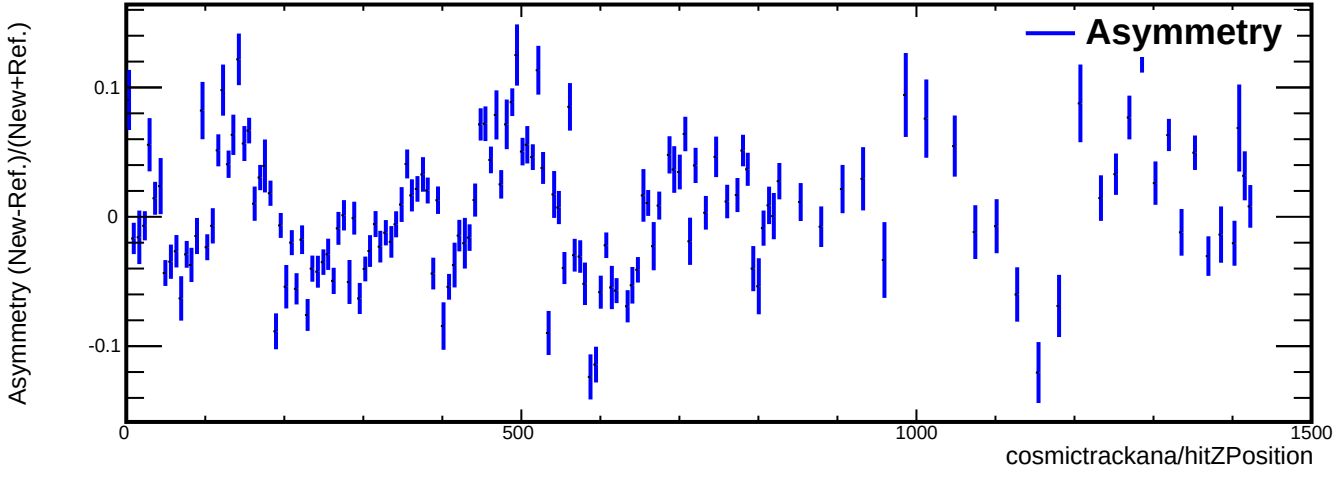

2013-06-04
2013-06-05
KS 0, chi2 0
cosmictrackana/hitXPosition

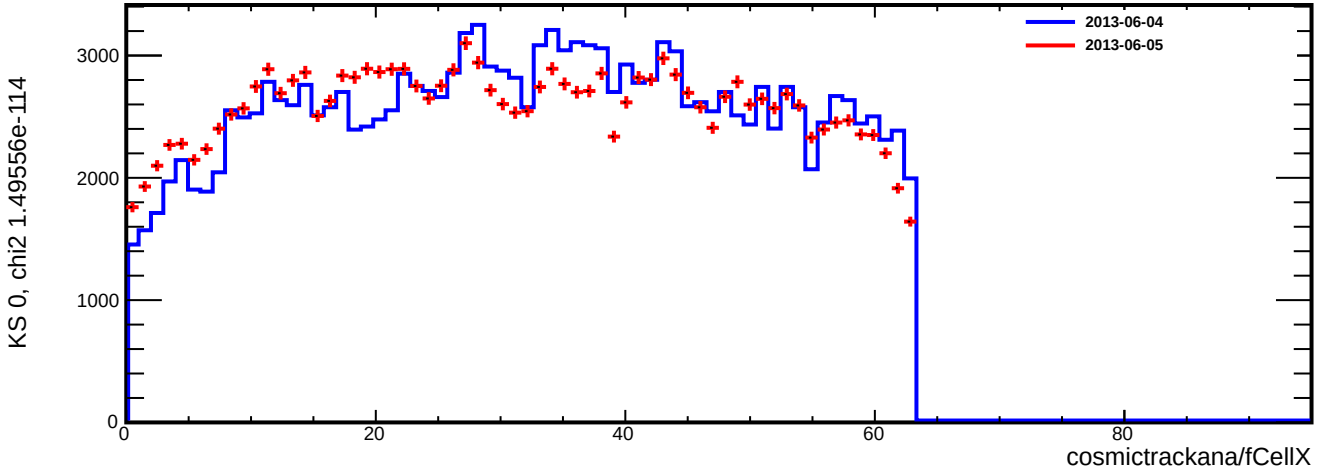

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
cosmictrackana/hitXPosition

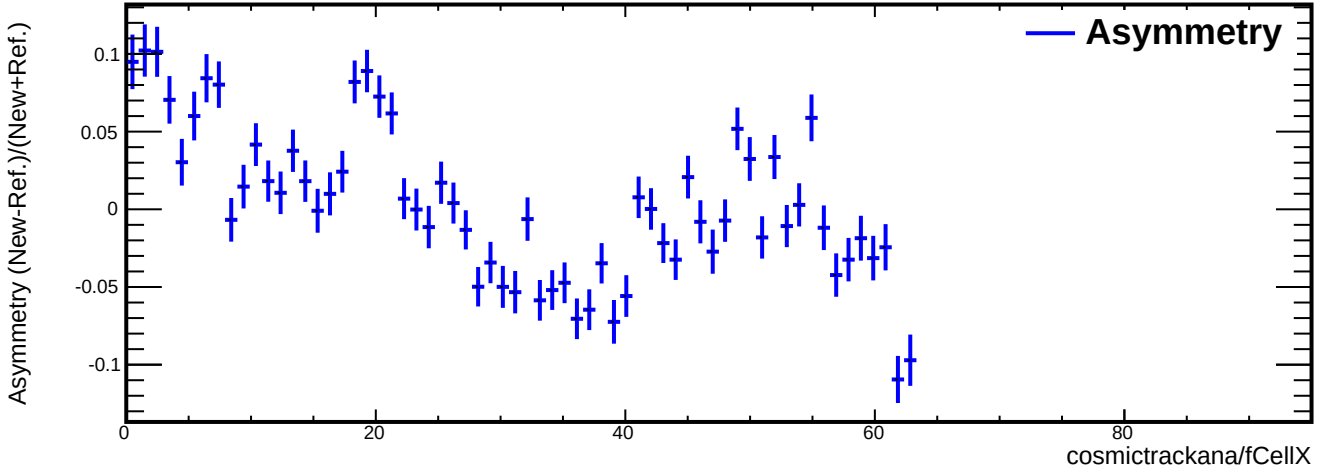

2013-06-04
2013-06-05
KS 1.45333e-16, chi2 0
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition

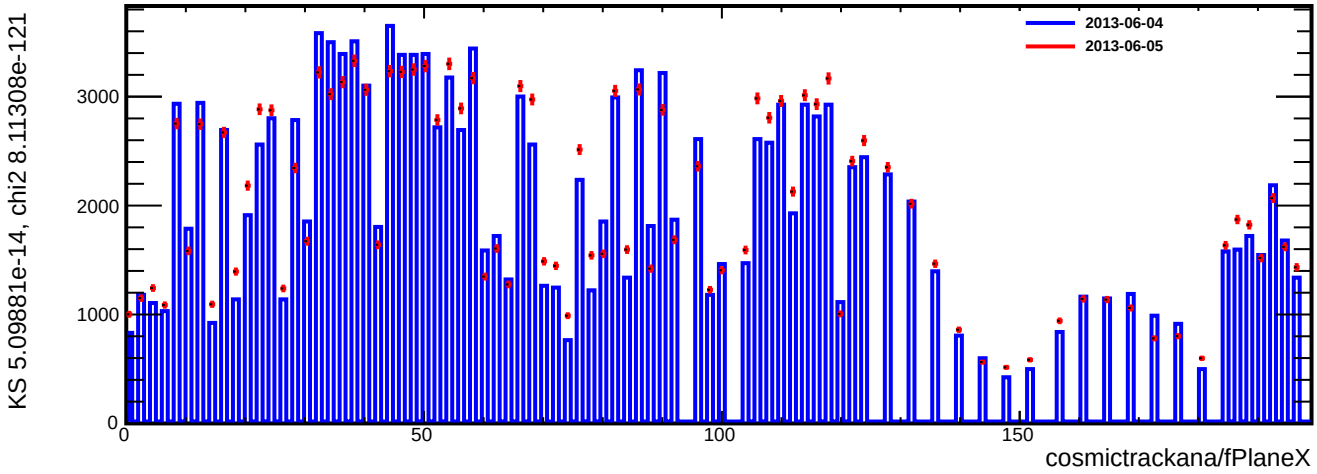

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition

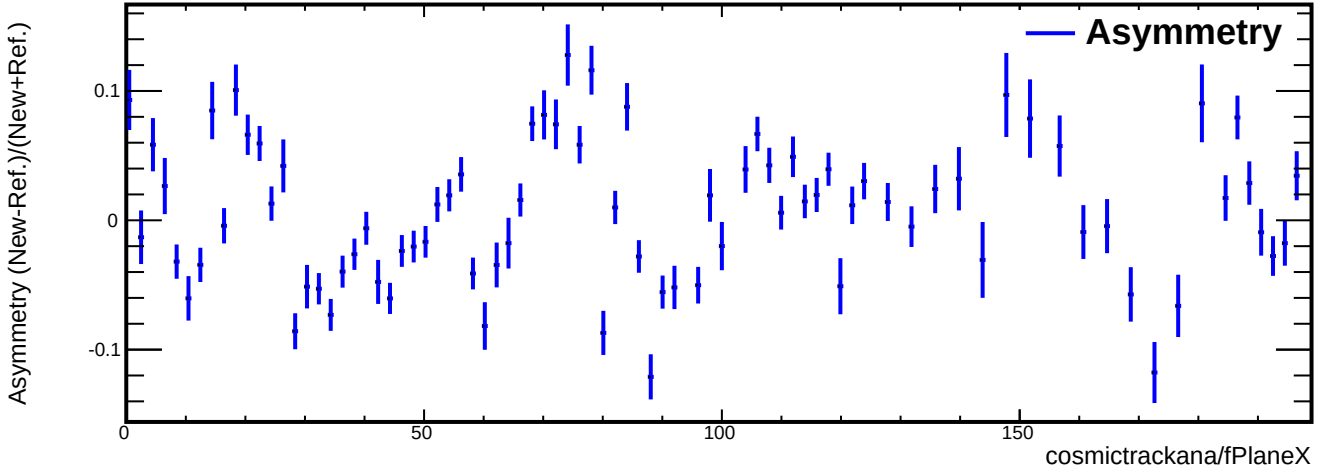

KS 5.9554e-18, chi2 9.55524e-251
2013-06-04
2013-06-05
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

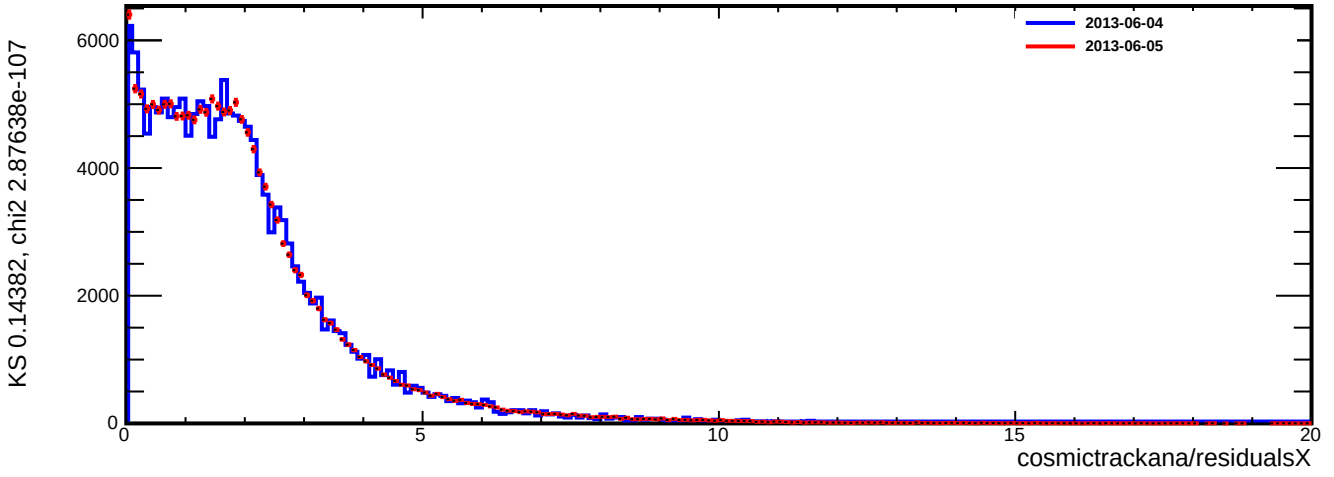

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
0
500
1000
1500
cosmictrackana/hitZPosition

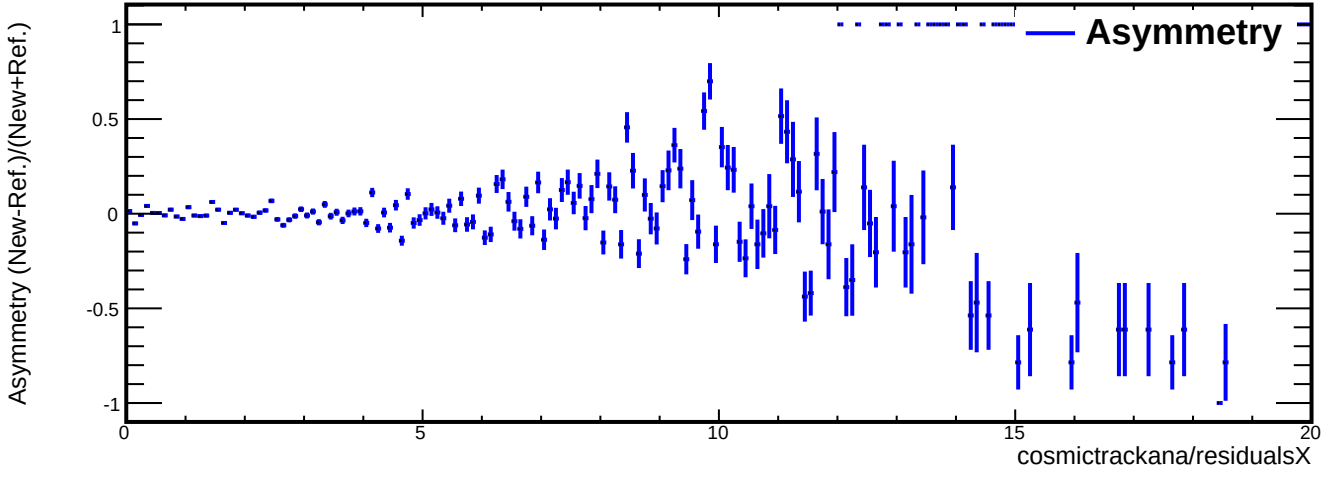

2013-06-04
2013-06-05
KS 0, chi2 1.49556e-114
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX

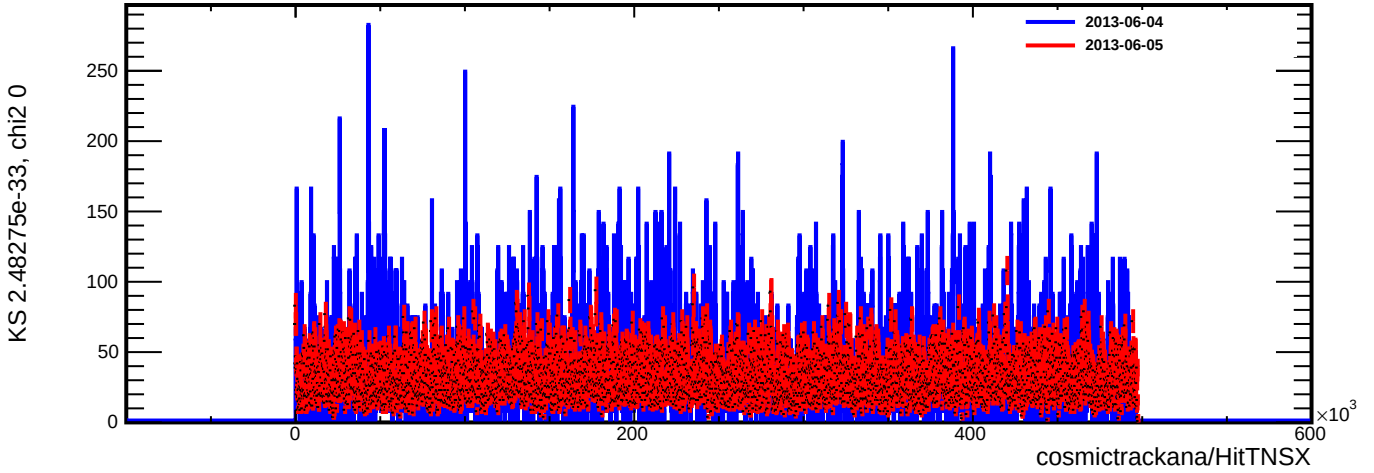

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.1
0.05
0
-0.05
-0.1
0
20
40
60
80
cosmictrackana/fCellX

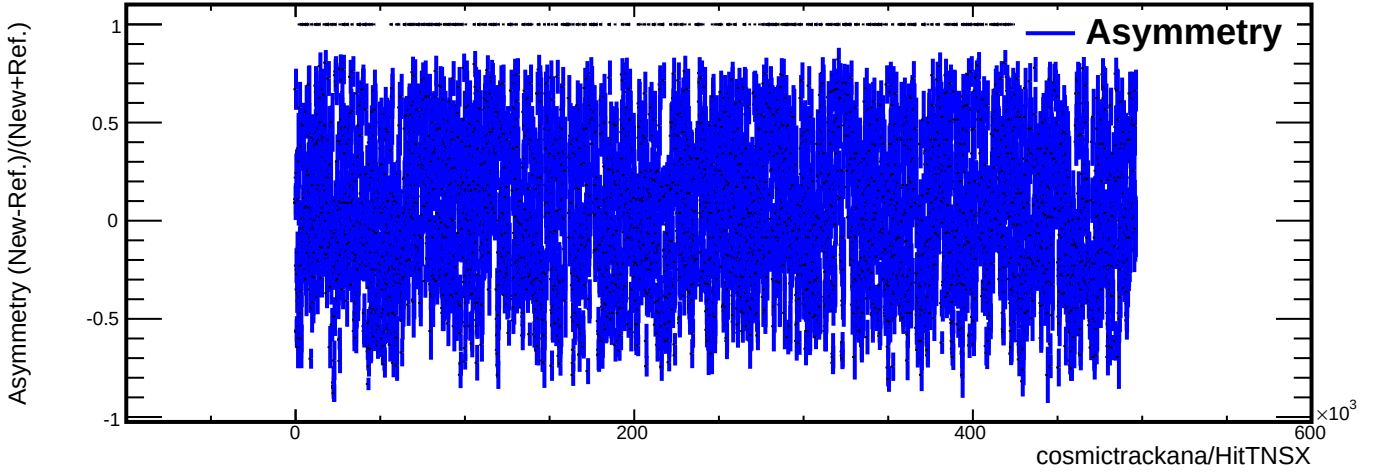

KS 5.09881e-14, chi2 8.11308e-121
2013-06-04
2013-06-05
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

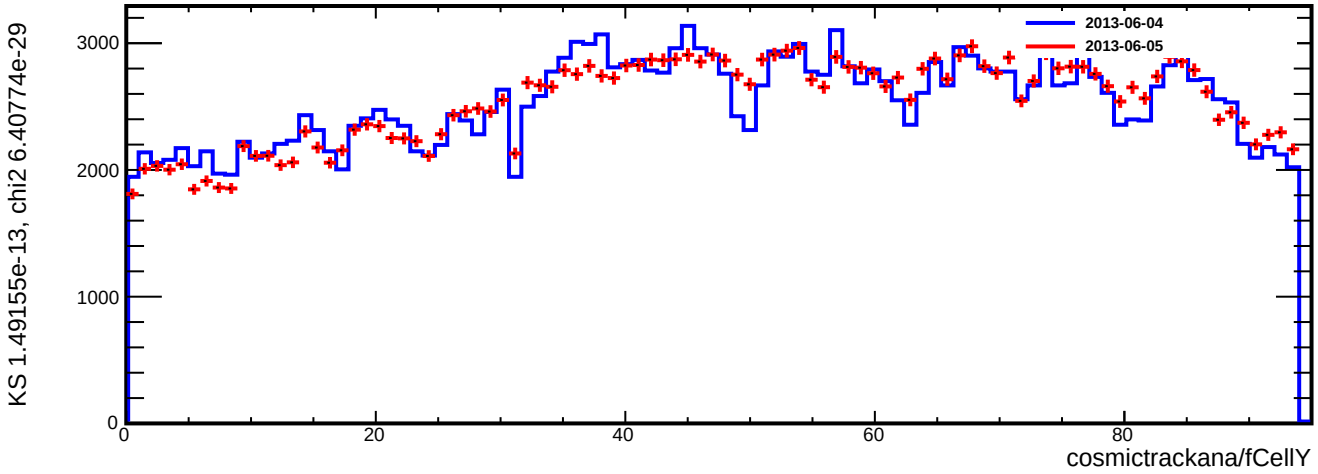

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
0
50
100
150
cosmictrackana/fPlaneX

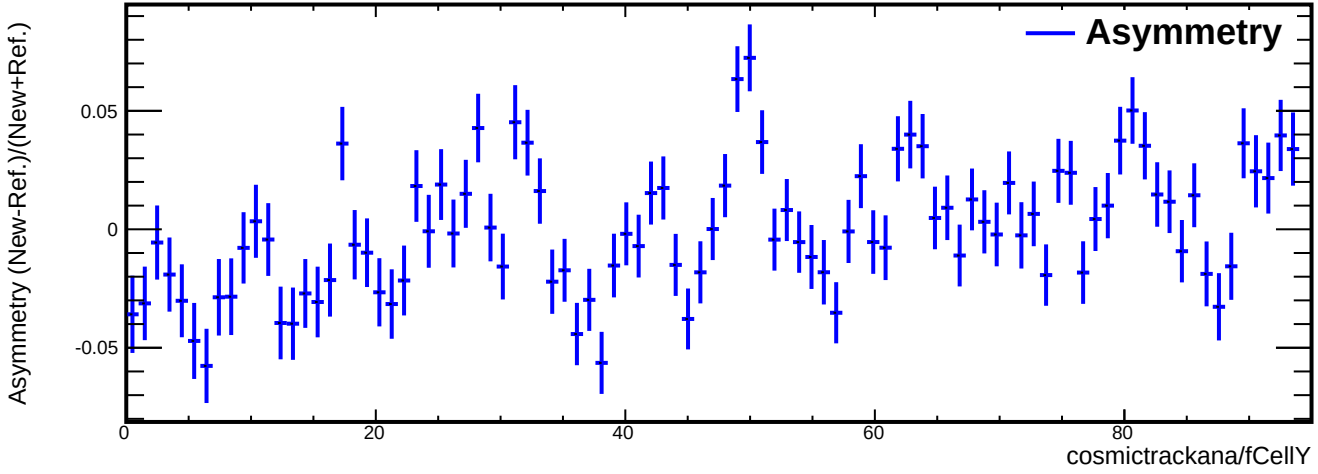

KS 0.14382, chi2 2.87638e-107
2013-06-04
2013-06-05
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsX

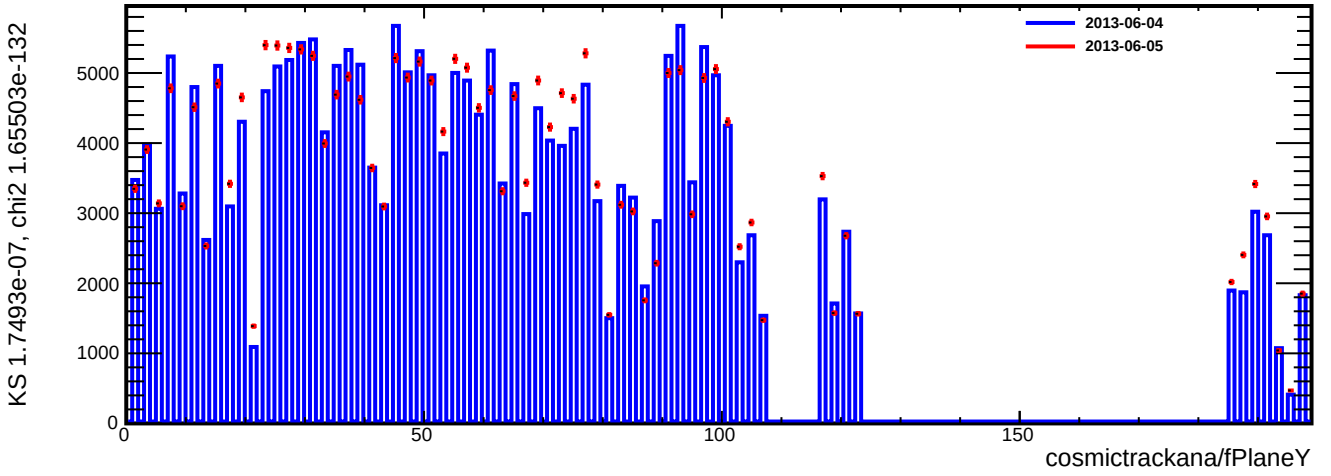

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
5
10
15
20
cosmictrackana/residualsX

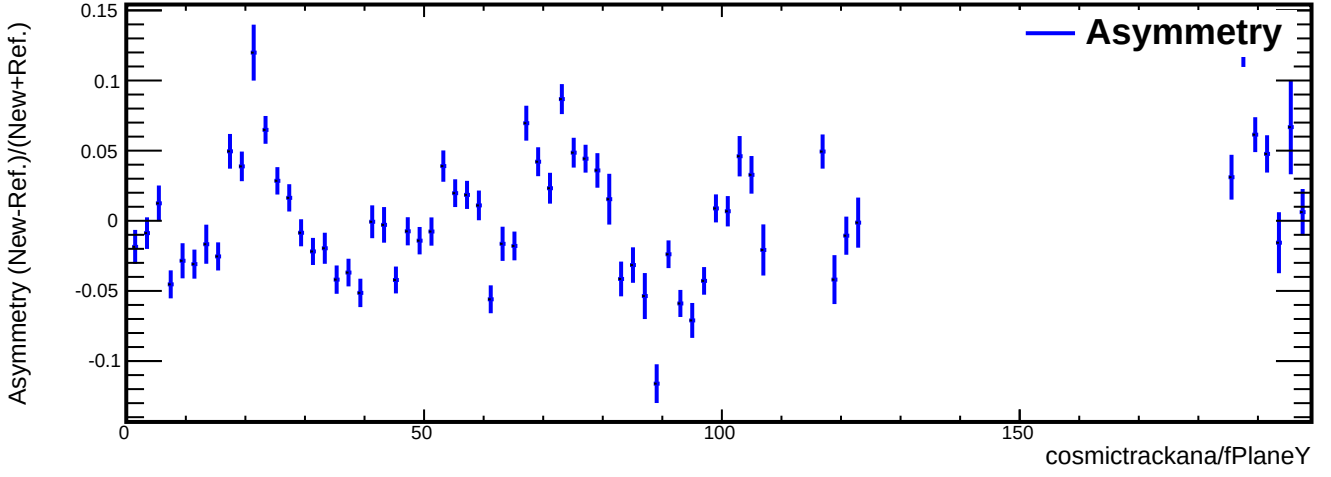

2013-06-04
2013-06-05
KS 2.48275e-33, chi2 0
250
200
150
100
50
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX

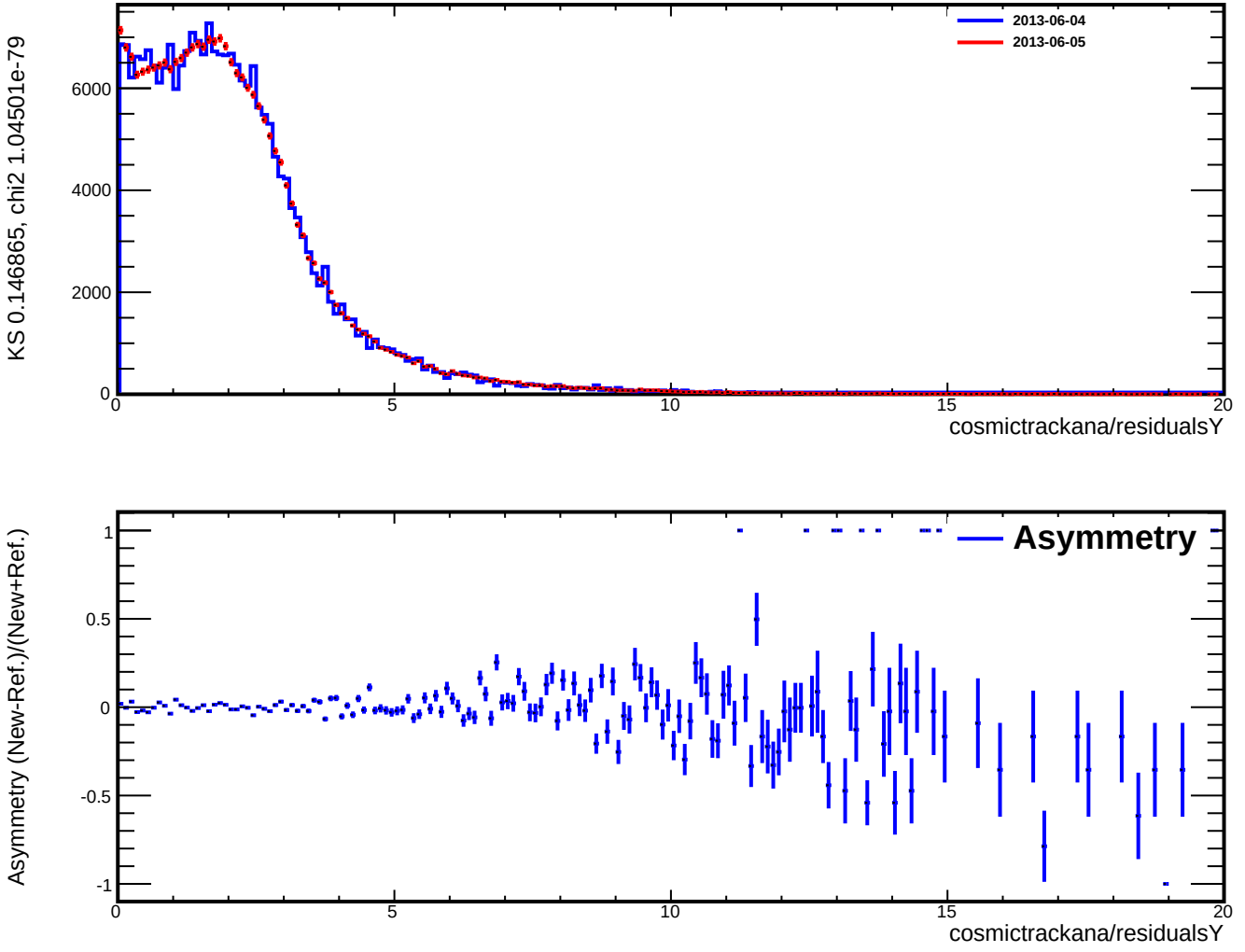

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX

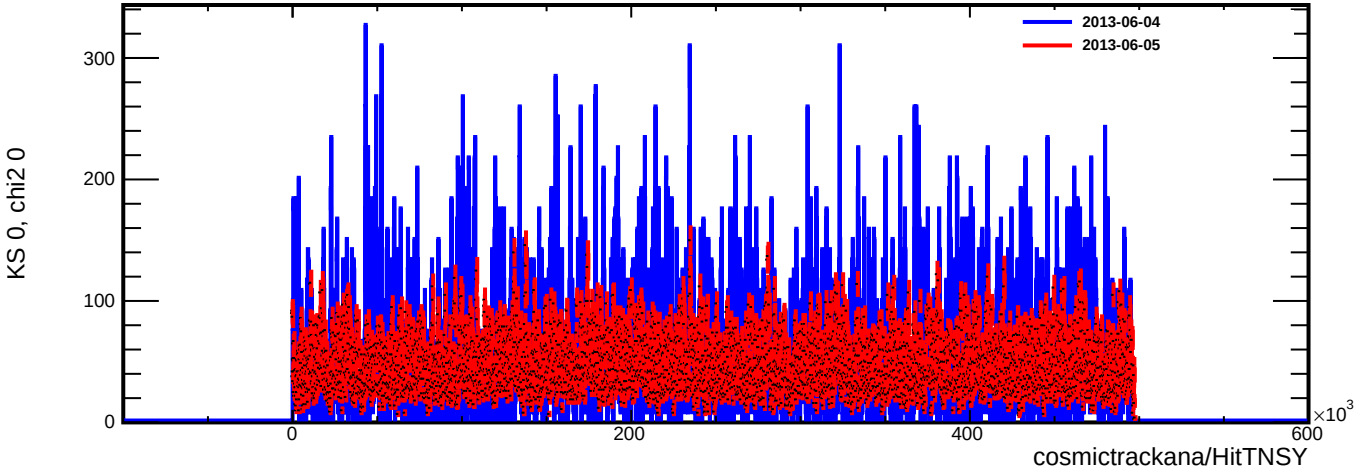

KS 1.49155e-13, chi2 6.40774e-29
2013-06-04
2013-06-05
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellY

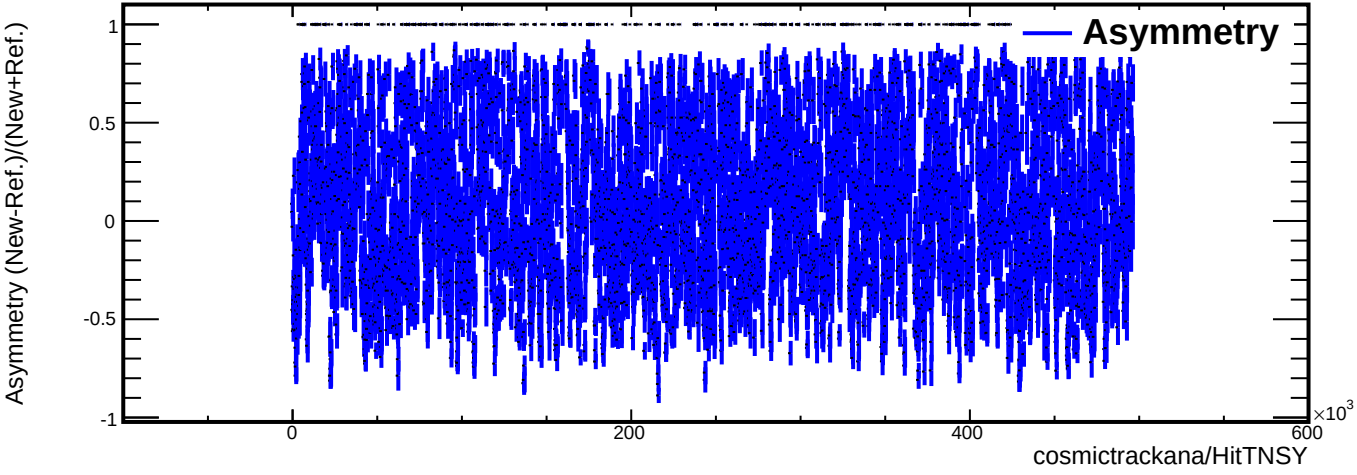

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellY


KS 1.7493e-07, chi2 1.65503e-132
2013-06-04
2013-06-05
0
1000
2000
3000
4000
5000
0
50
100
150
cosmictrackana/fPlaneY


Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.15
0.1
0.05
0
-0.05
-0.1
0
50
100
150
cosmictrackana/fPlaneY


KS 0.146865, chi2 1.04501e-79
2013-06-04
2013-06-05
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


2013-06-04
2013-06-05
KS 0, chi2 0
300
200
100
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY


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