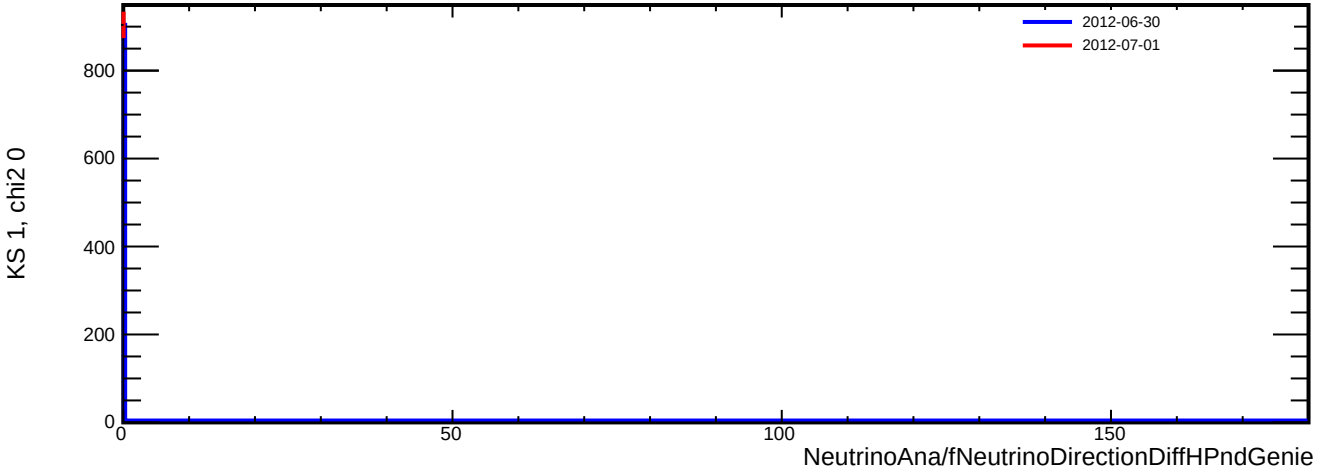
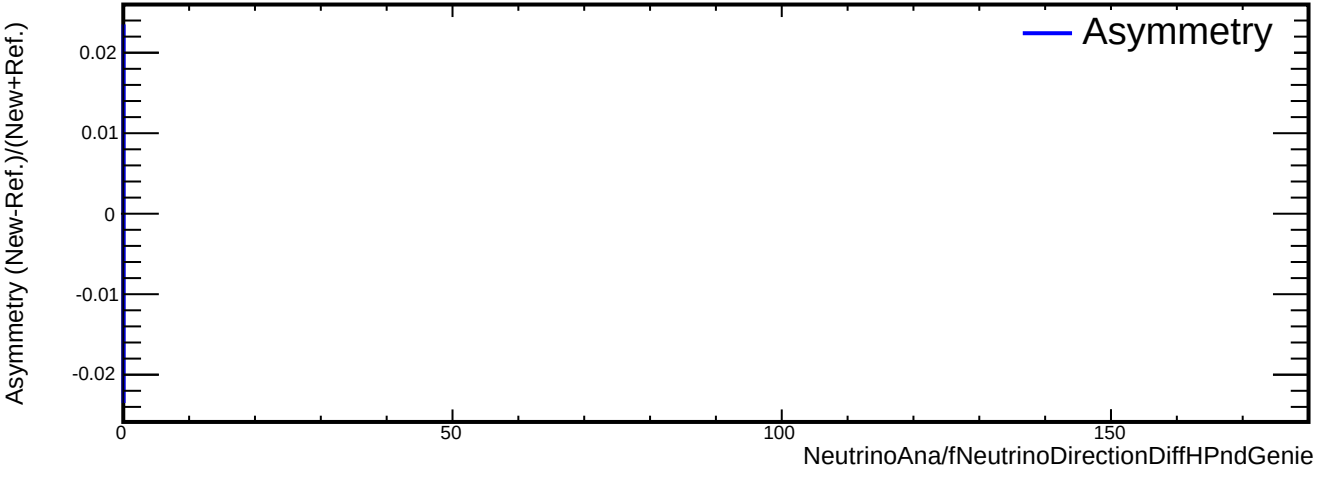
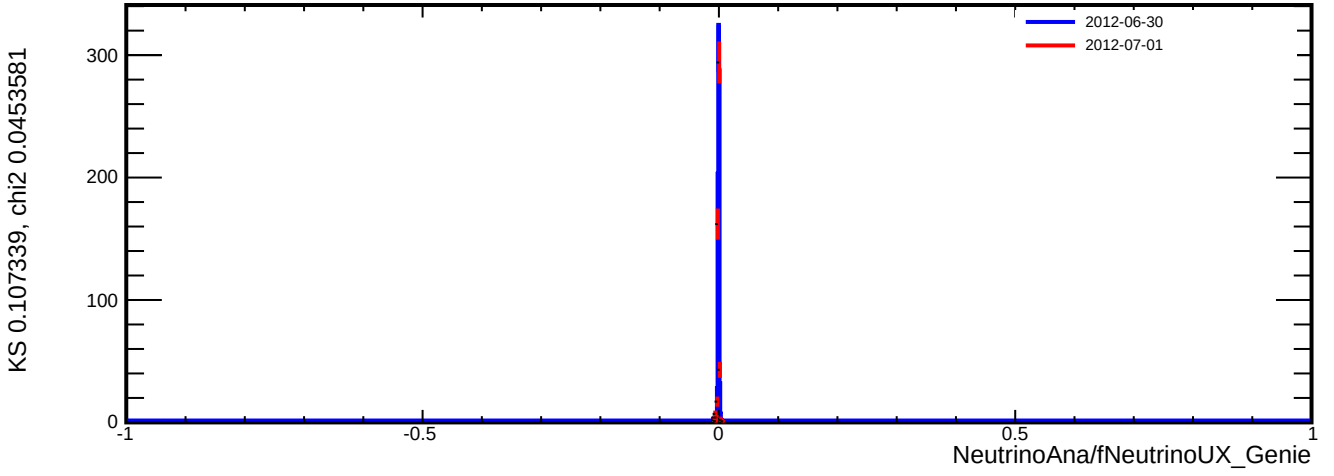
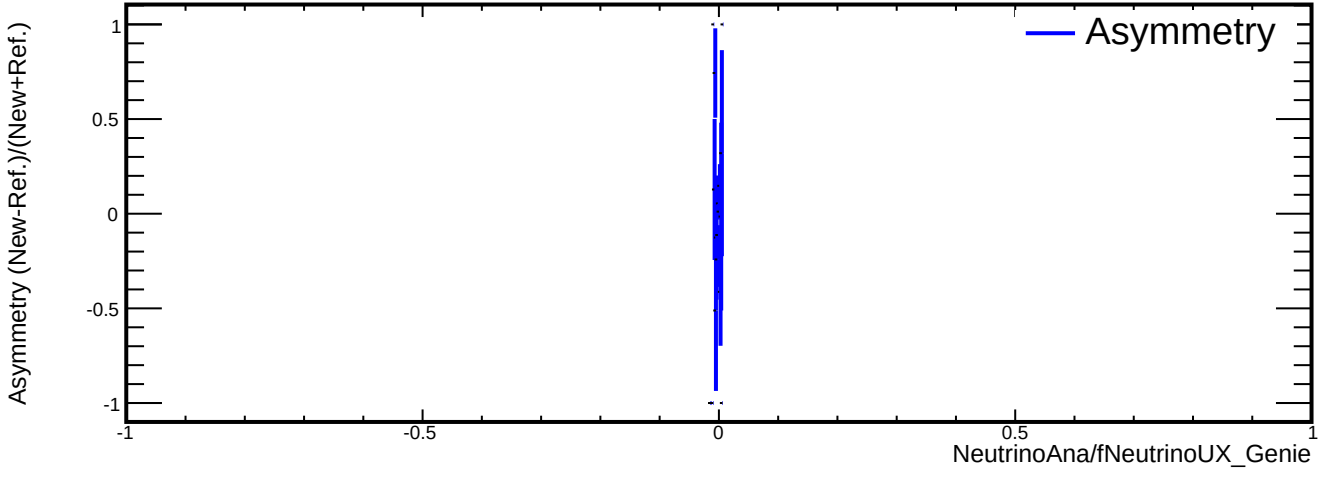
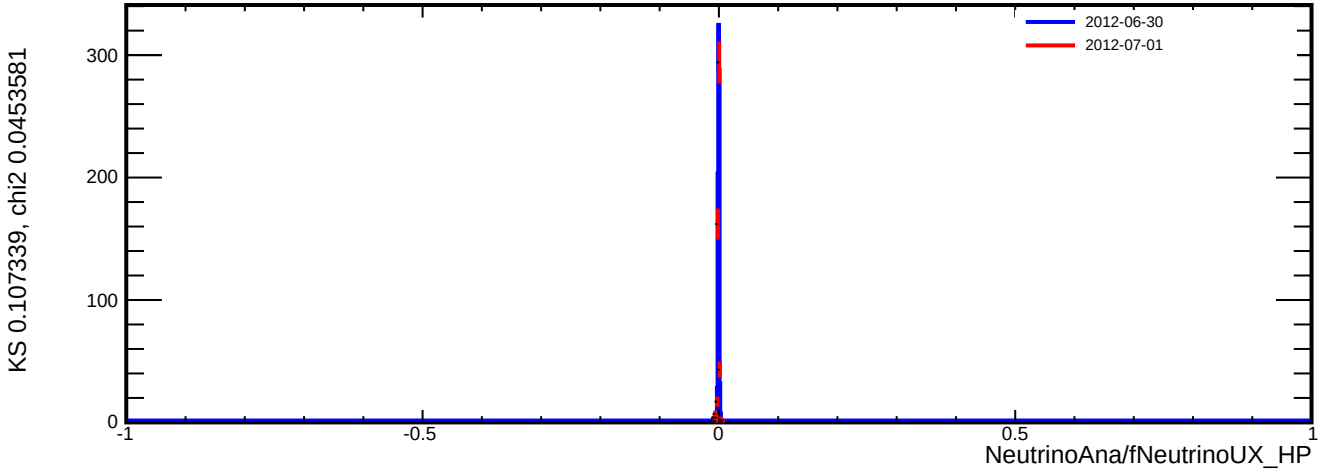
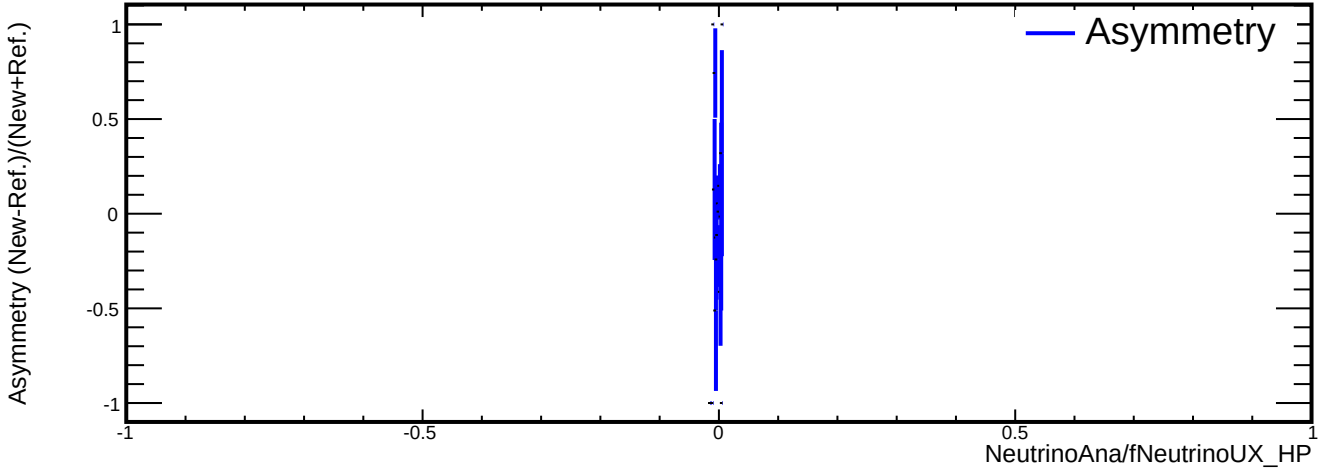

2012-06-30
2012-07-01
KS 1, chi2 0
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

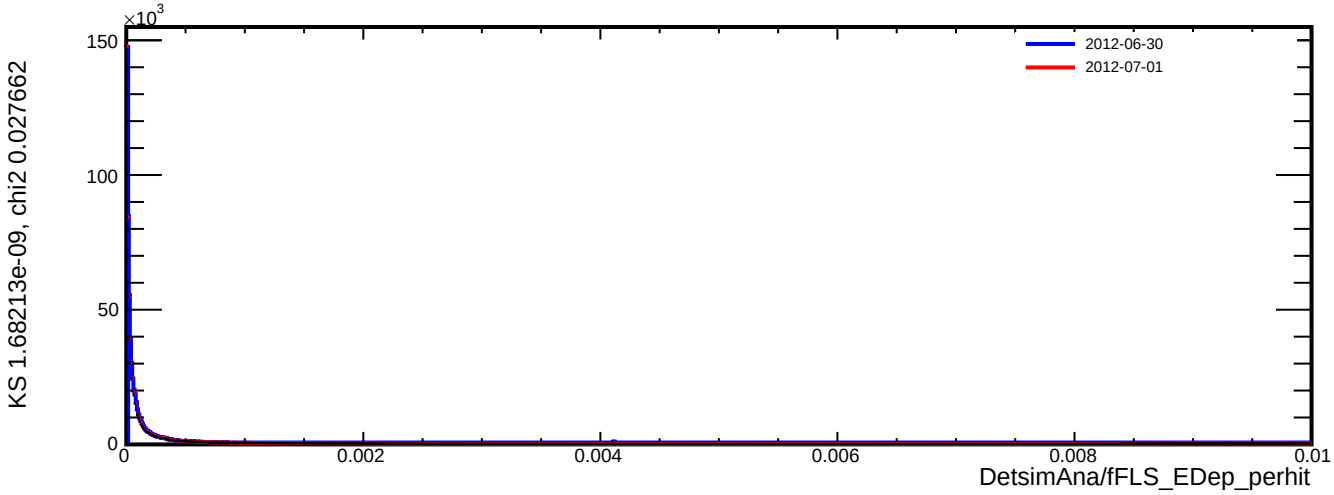

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

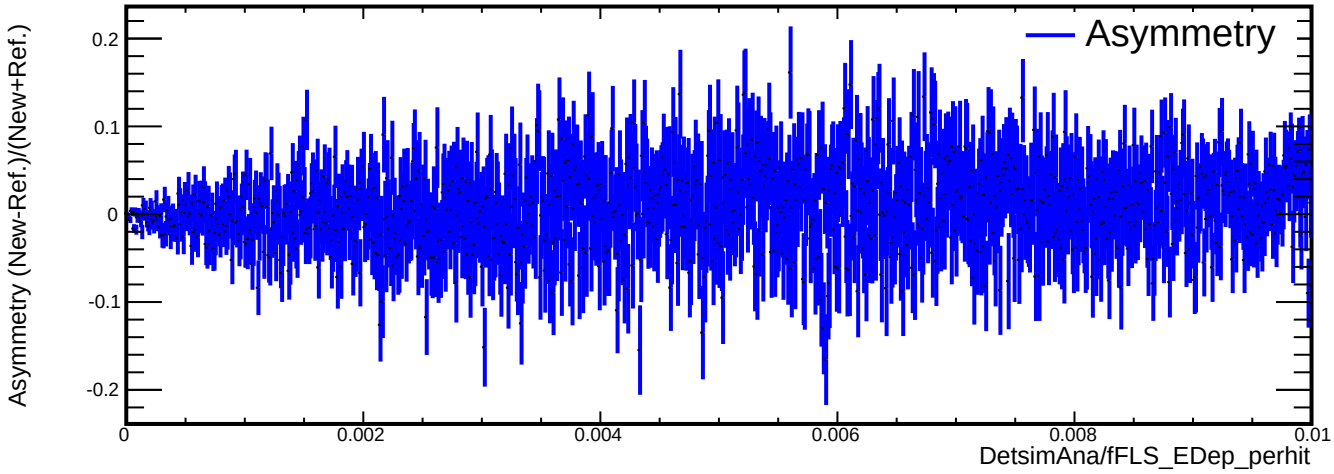

KS 0.107339, chi2 0.0453581
2012-06-30
2012-07-01
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

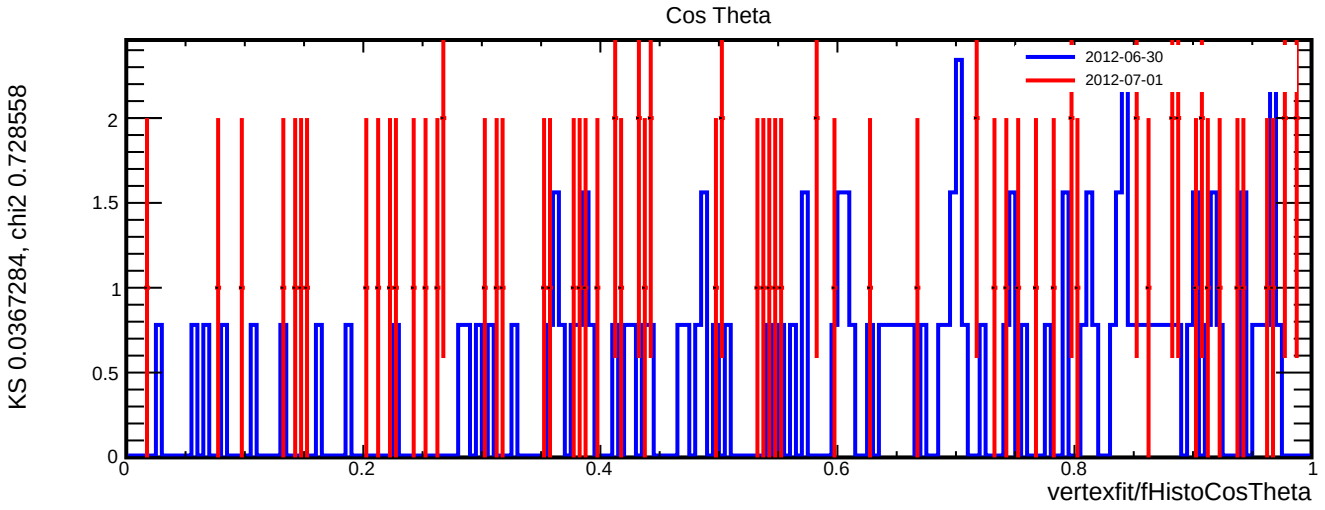

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

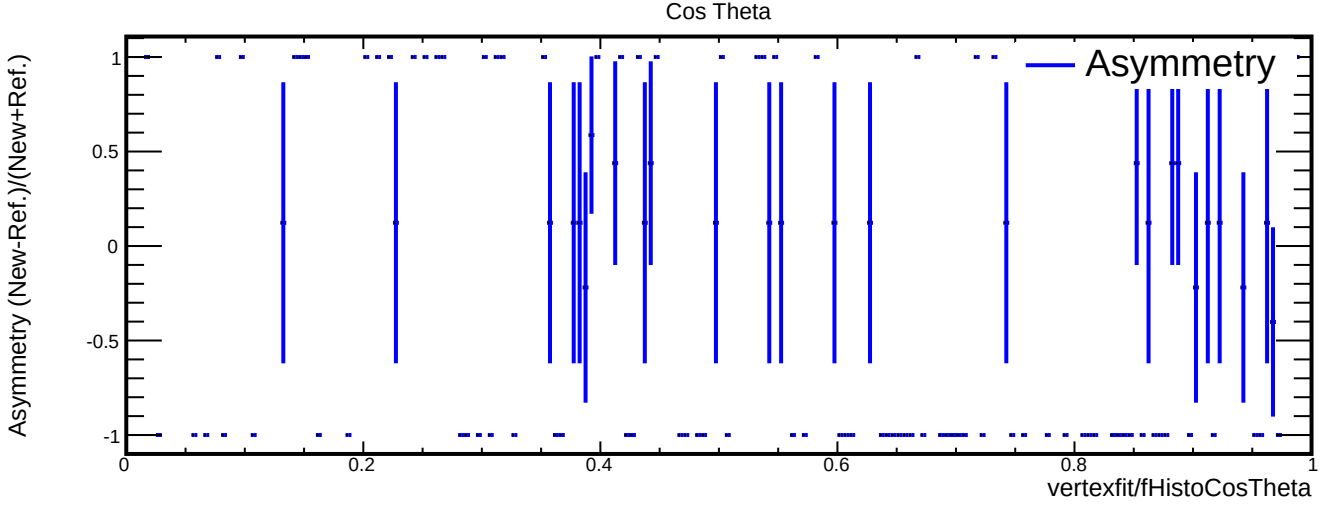

KS 0.107339, chi2 0.0453581
2012-06-30
2012-07-01
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

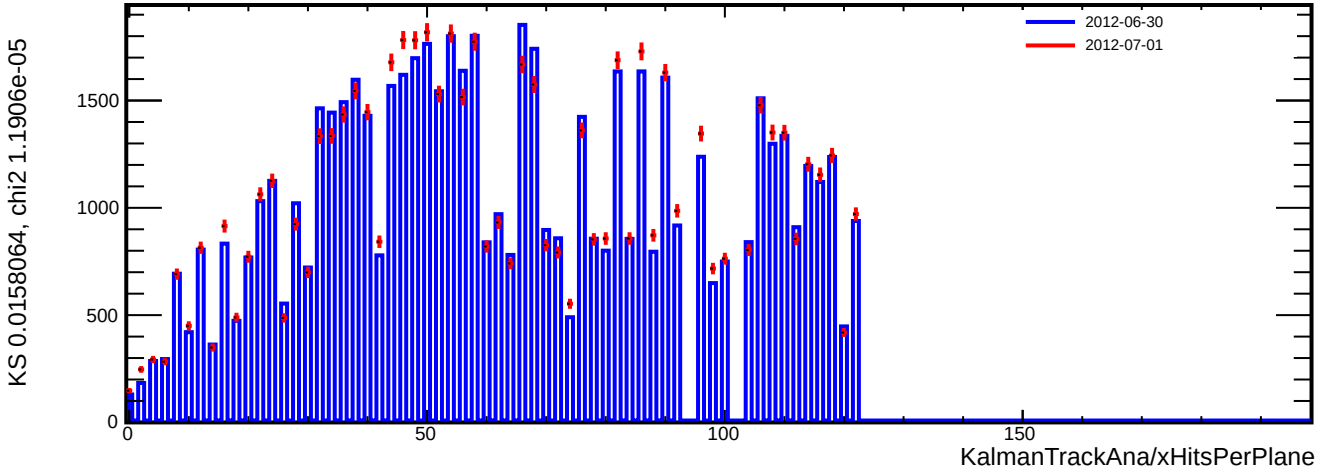

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

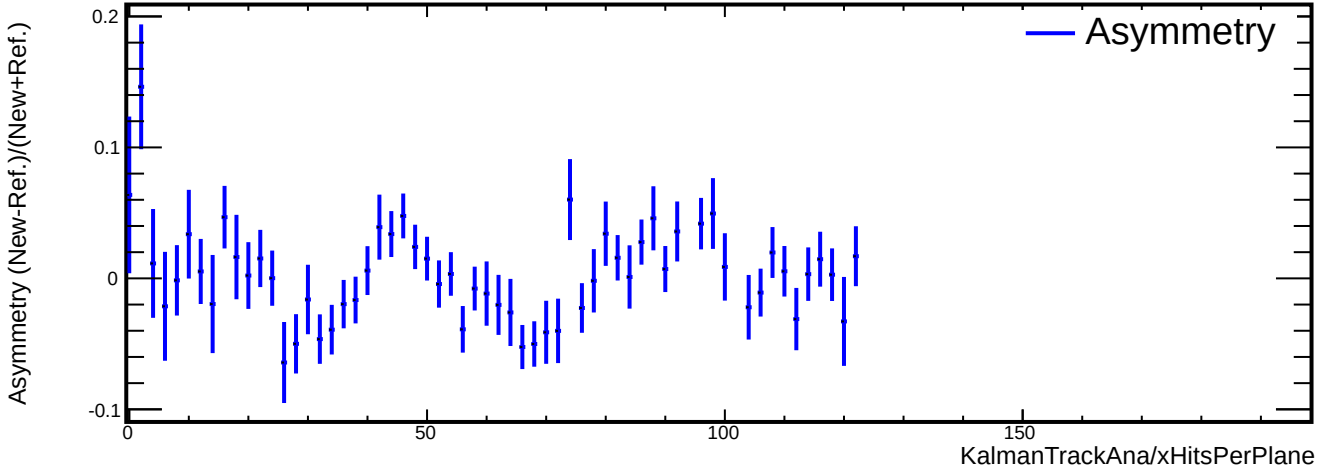

×10^3
150
100
50
0
0
0.002
0.004
0.006
0.008
0.01
2012-06-30
2012-07-01
KS 1.68213e-09, chi2 0.027662
DetsimAna/fFLS_EDep_perhit

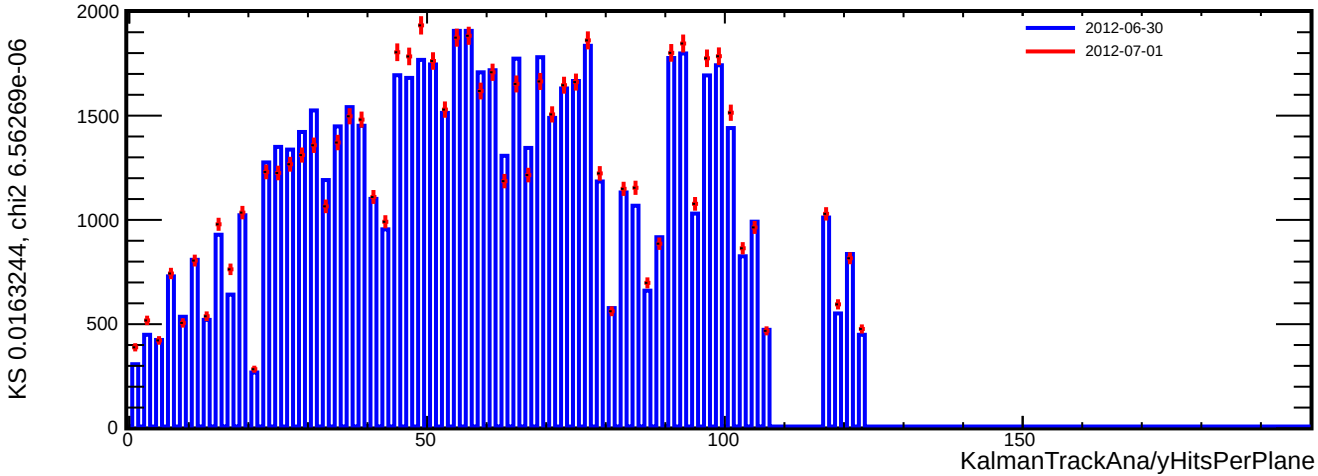

Asymmetry
0.2
0.1
0
-0.1
-0.2
0
0.002
0.004
0.006
0.008
0.01
Asymmetry (New-Ref.)/(New+Ref.)
DetsimAna/fFLS_EDep_perhit

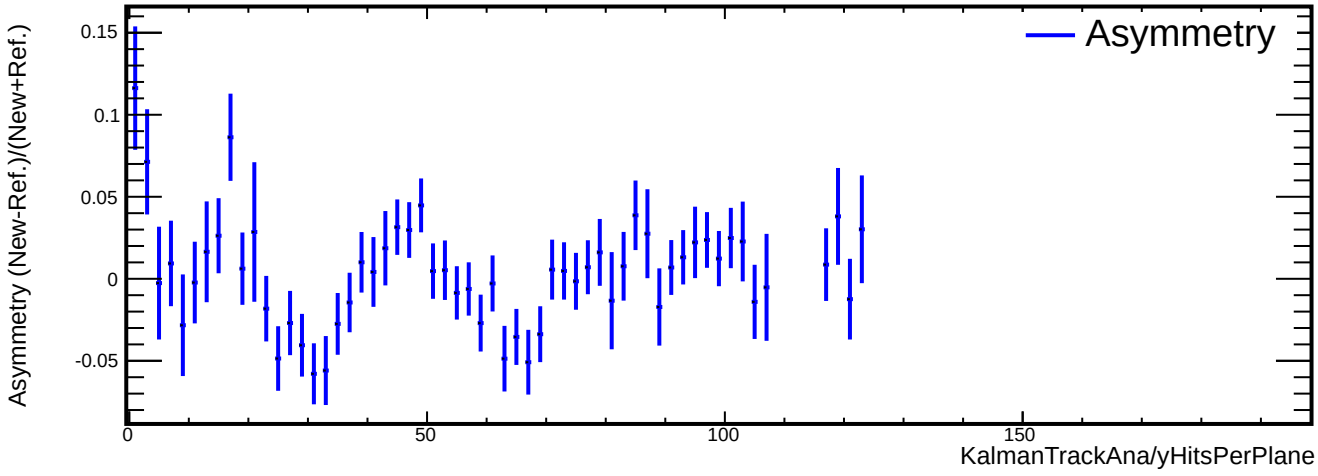

Cos Theta
2012-06-30
2012-07-01
KS 0.0367284, chi2 0.728558
vertexfit/fHistoCosTheta

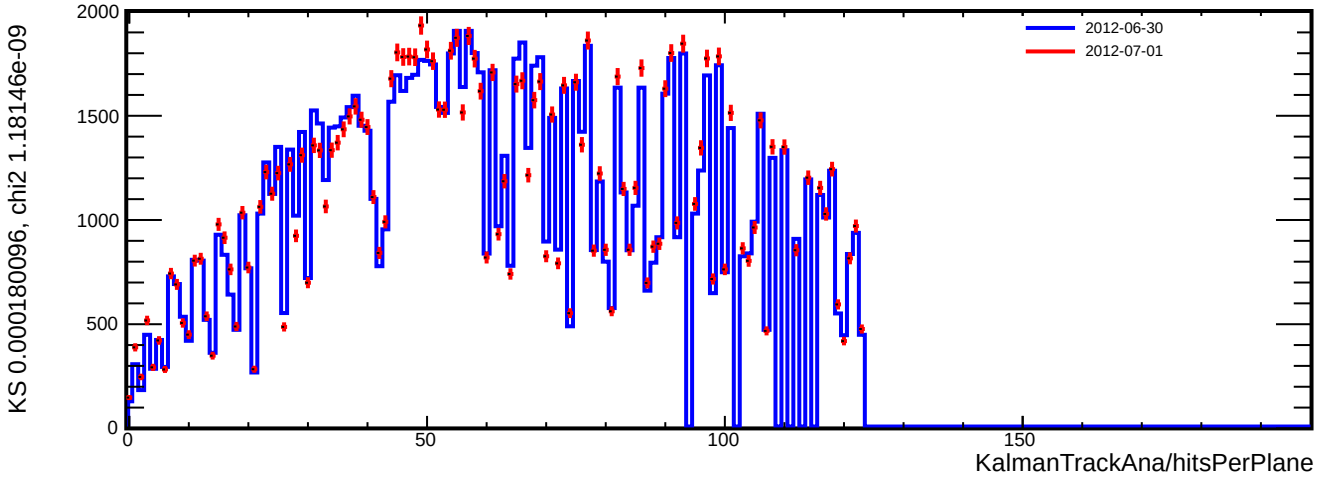

Cos Theta
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
vertexfit/fHistoCosTheta

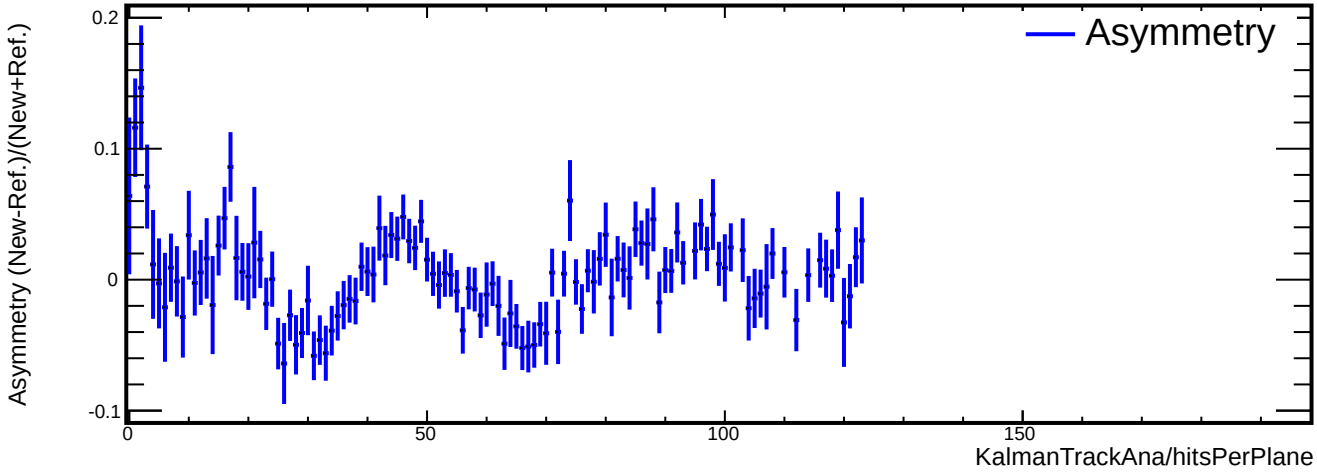

KS 0.0158064, chi2 1.1906e-05
2012-06-30
2012-07-01
0
500
1000
1500
0
50
100
150
KalmanTrackAna/xHitsPerPlane

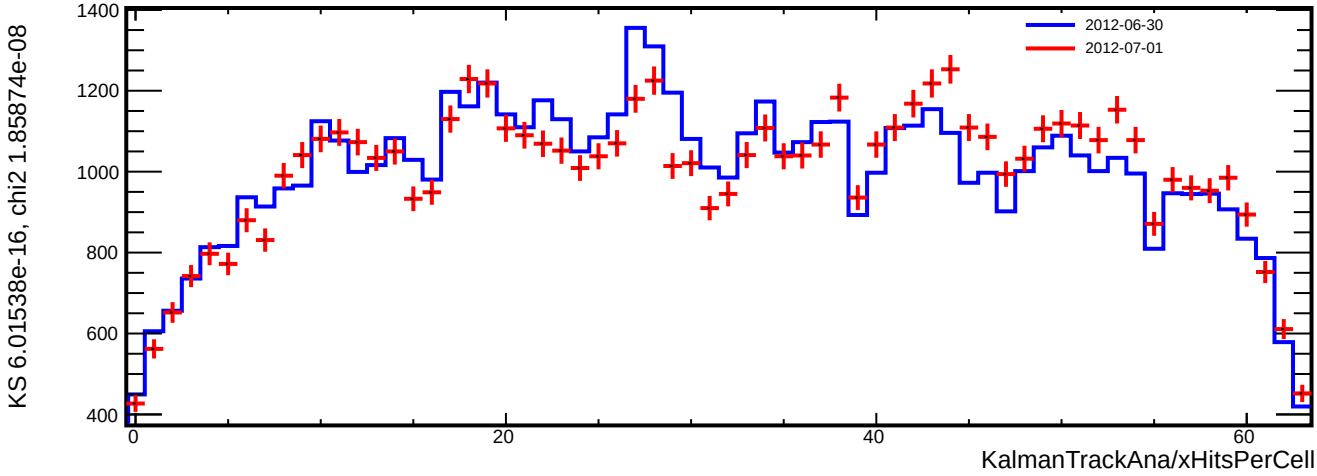

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
0
50
100
150
KalmanTrackAna/xHitsPerPlane

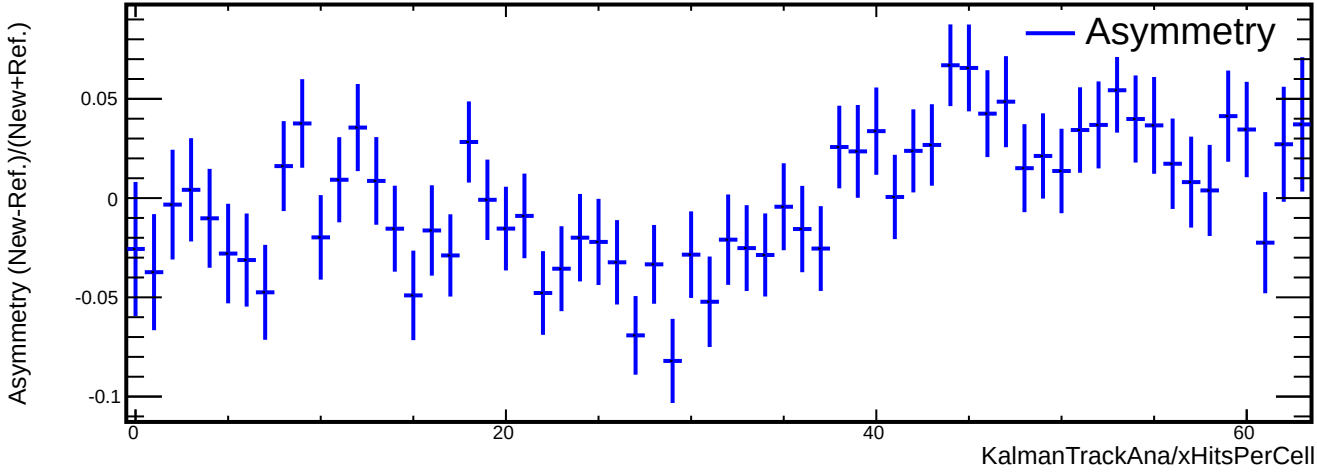

KS 0.0163244, chi2 6.56269e-06
2012-06-30
2012-07-01
KalmanTrackAna/yHitsPerPlane

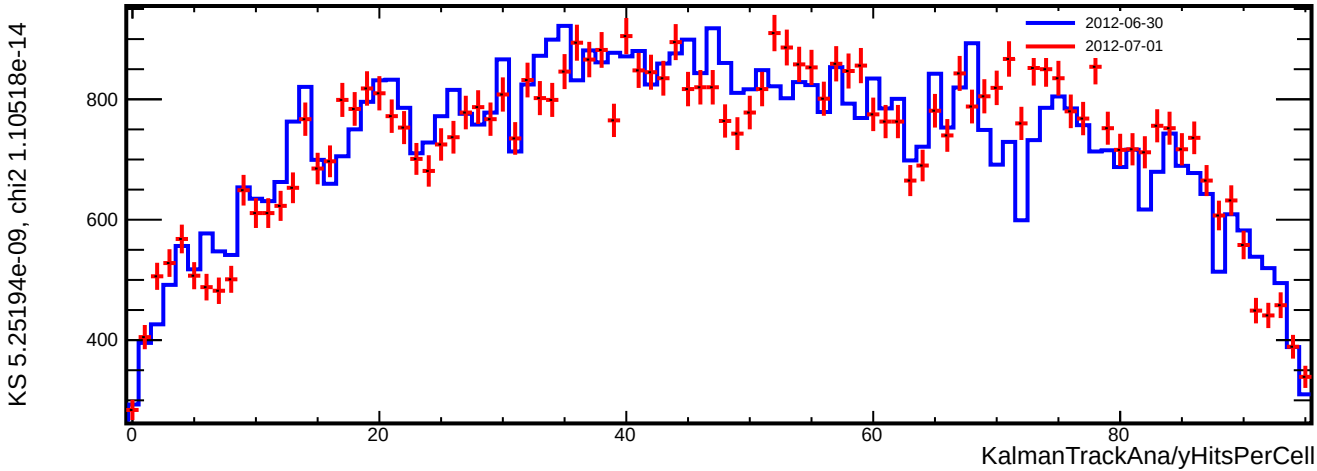

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerPlane

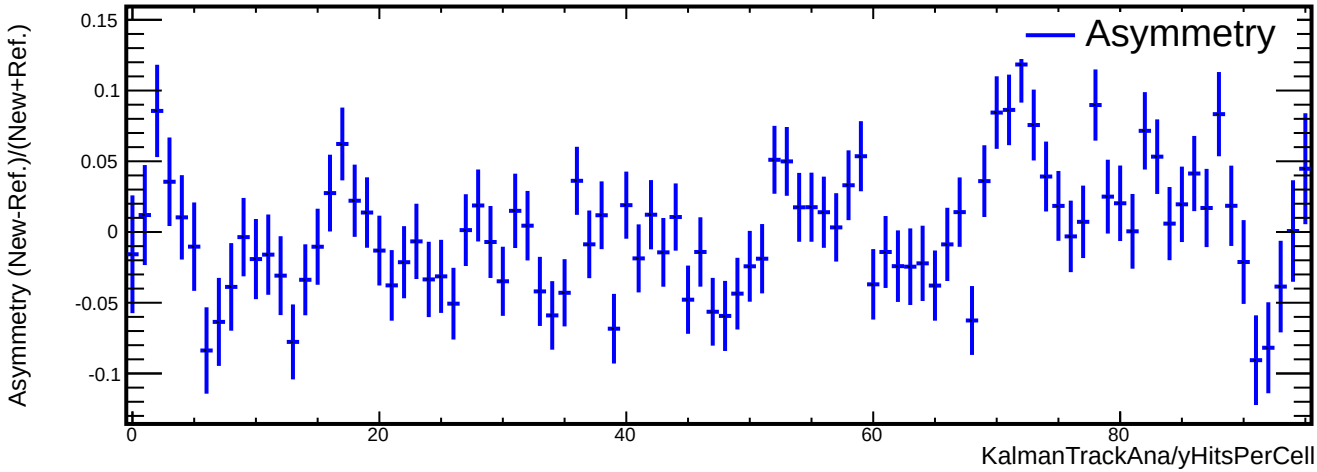

KS 0.000180096, chi2 1.18146e-09
2012-06-30
2012-07-01
KalmanTrackAna/hitsPerPlane

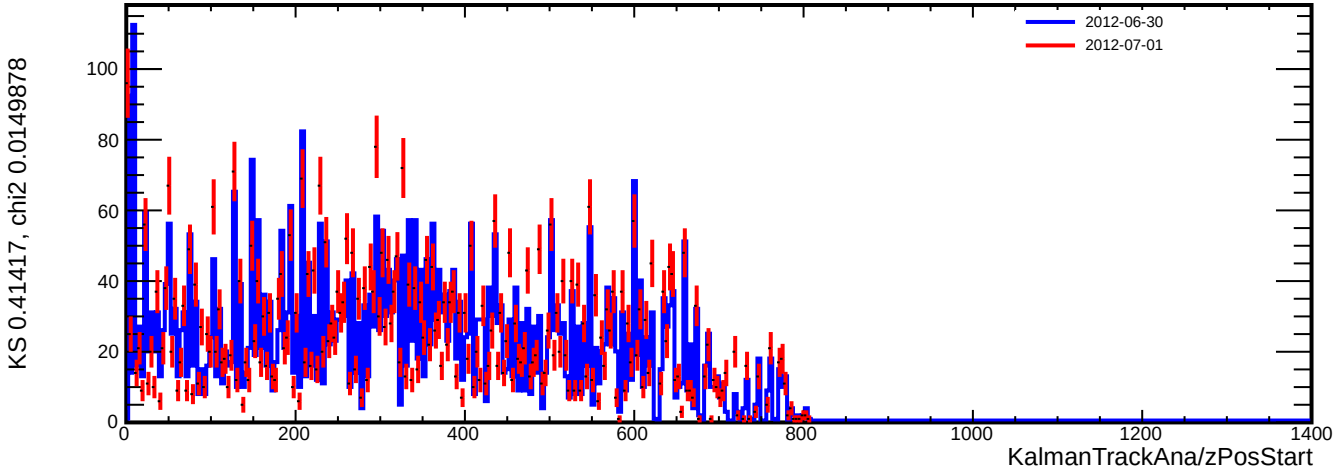

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/hitsPerPlane

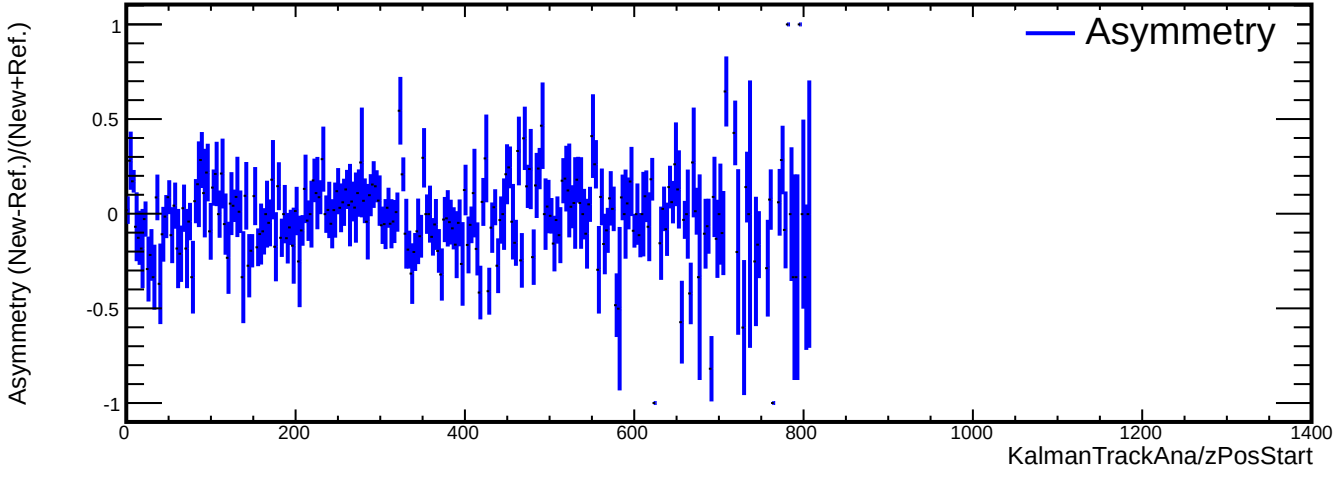

KS 6.01538e-16, chi2 1.85874e-08
1400
1200
1000
800
600
400
0
20
40
60
KalmanTrackAna/xHitsPerCell
2012-06-30
2012-07-01

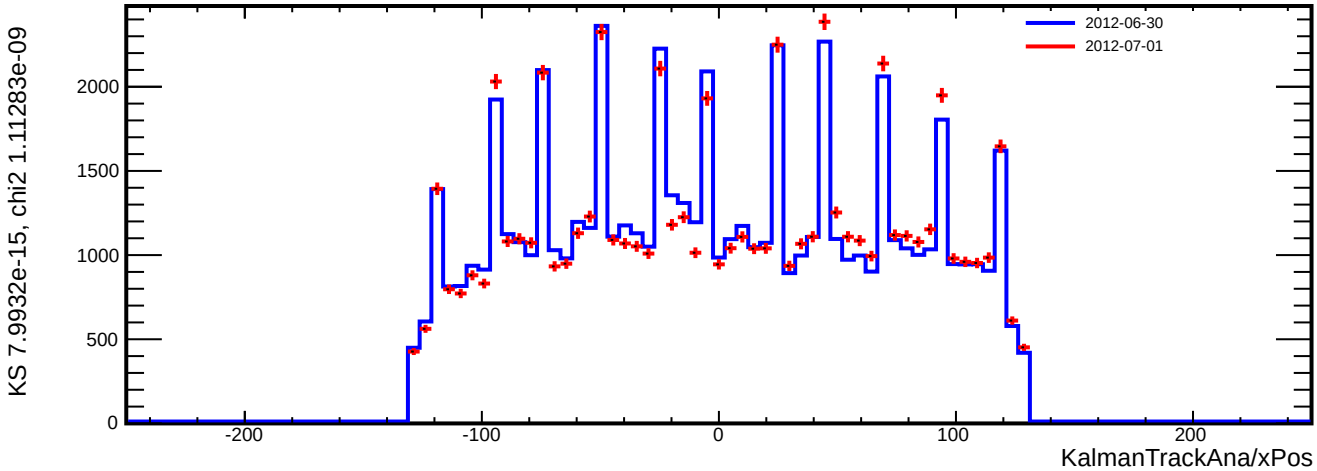

Asymmetry (New-Ref.)/(New+Ref.)
0.05
0
-0.05
-0.1
0
20
40
60
KalmanTrackAna/xHitsPerCell
Asymmetry

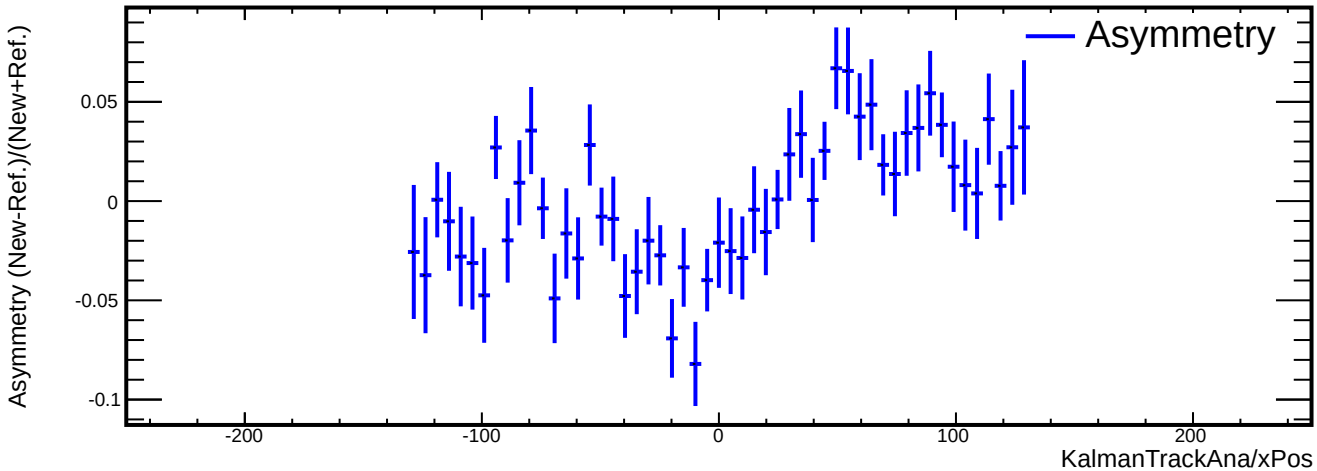

KS 5.25194e-09, chi2 1.10518e-14
2012-06-30
2012-07-01
800
600
400
0
20
40
60
80
KalmanTrackAna/yHitsPerCell

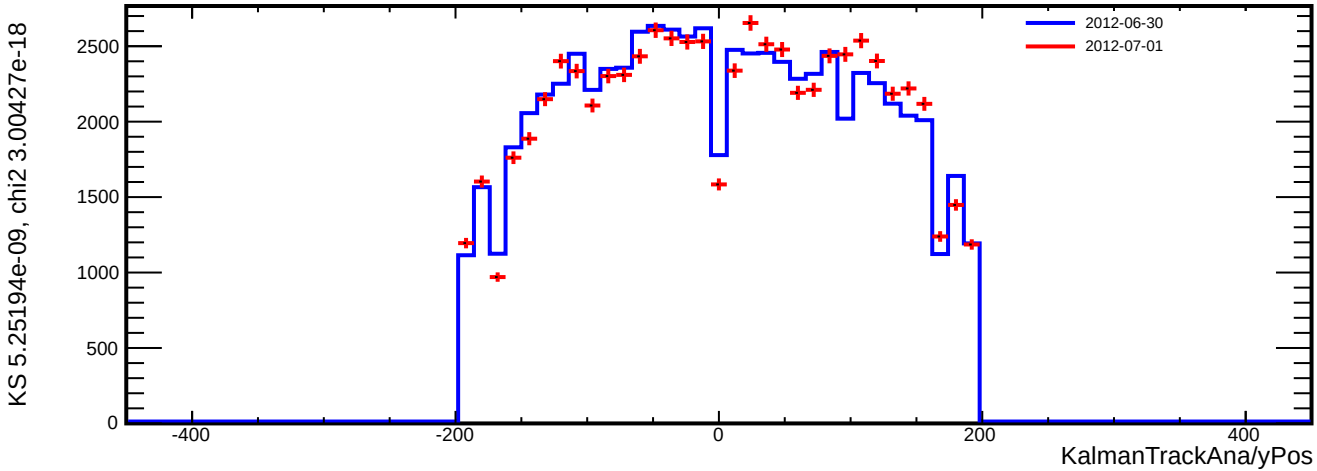

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.15
0.1
0.05
0
-0.05
-0.1
0
20
40
60
80
KalmanTrackAna/yHitsPerCell

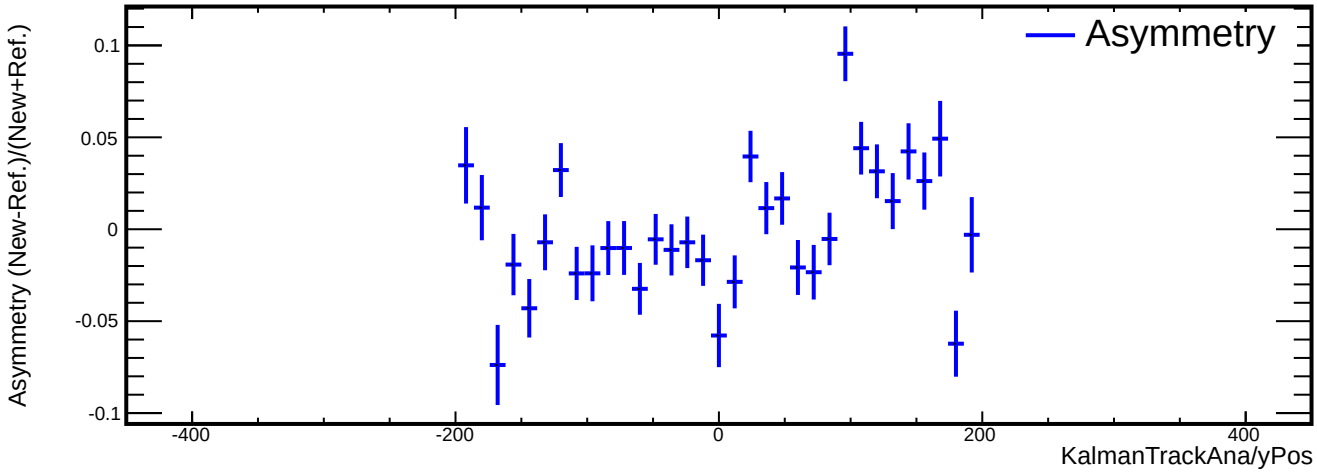

KS 0.41417, chi2 0.0149878
2012-06-30
2012-07-01
0
20
40
60
80
100
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosStart

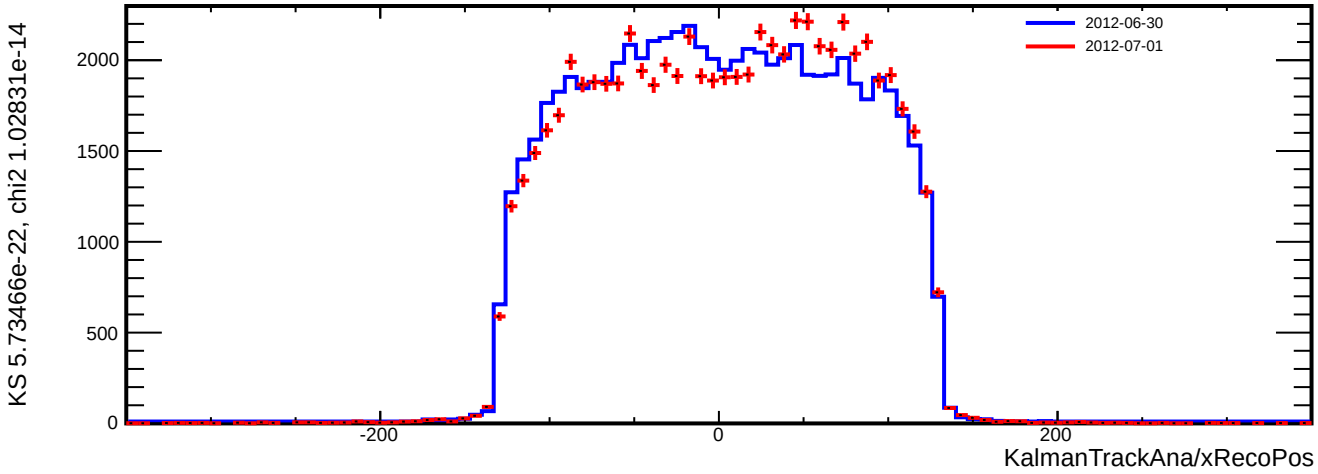

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosStart

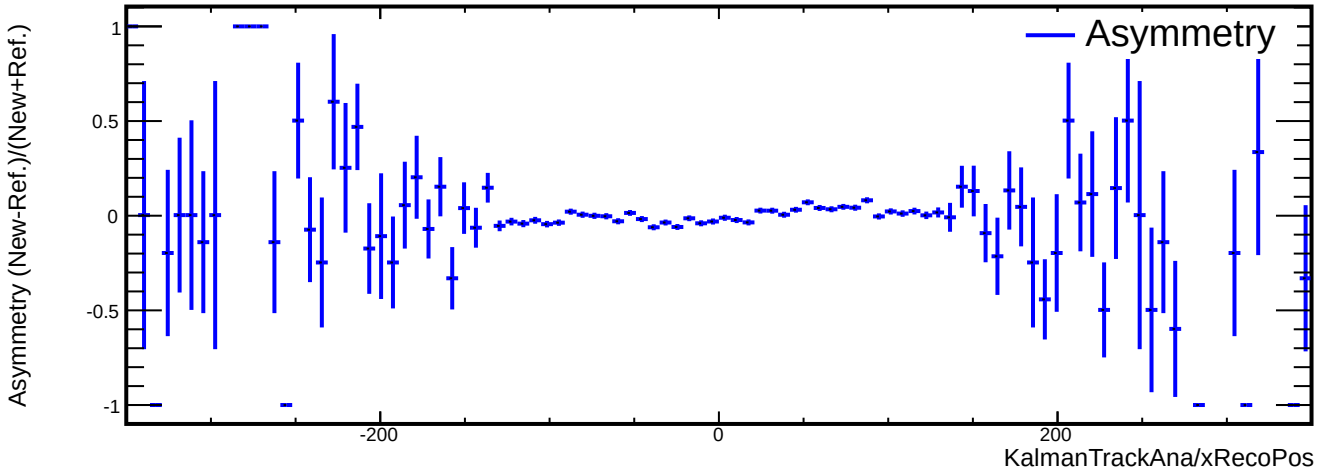

KS 7.9932e-15, chi2 1.11283e-09
2012-06-30
2012-07-01
2000
1500
1000
500
0
-200
-100
0
100
200
KalmanTrackAna/xPos

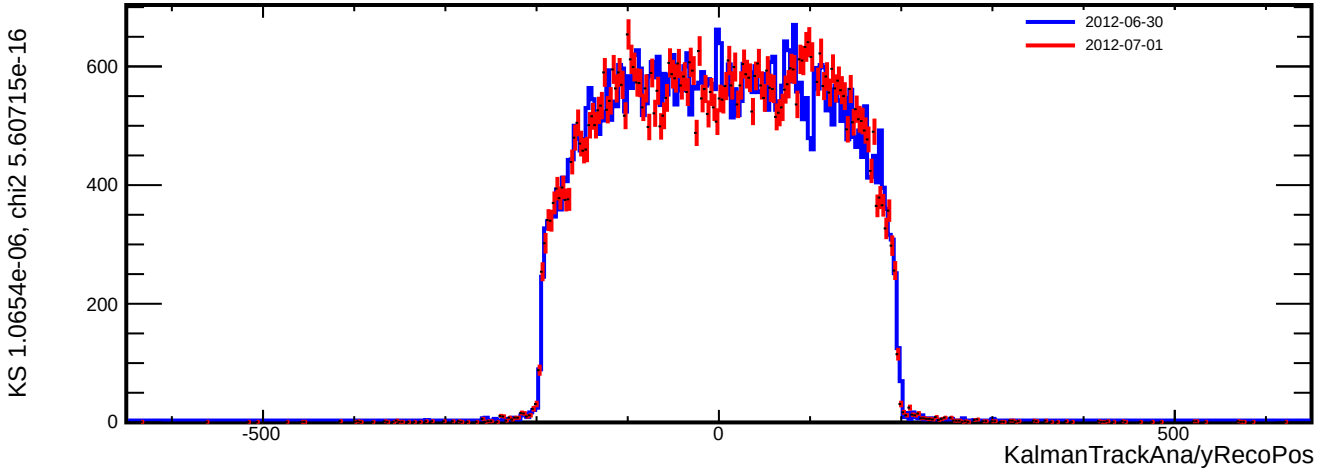

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
-0.1
-200
-100
0
100
200
KalmanTrackAna/xPos

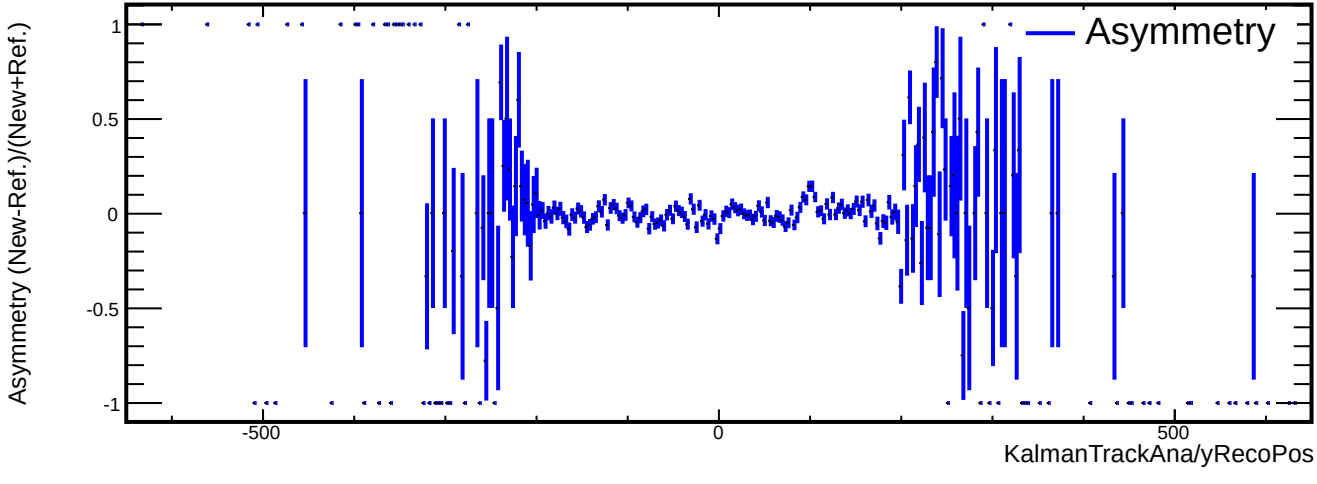

KS 5.25194e-09, chi2 3.00427e-18
2012-06-30
2012-07-01
KalmanTrackAna/yPos

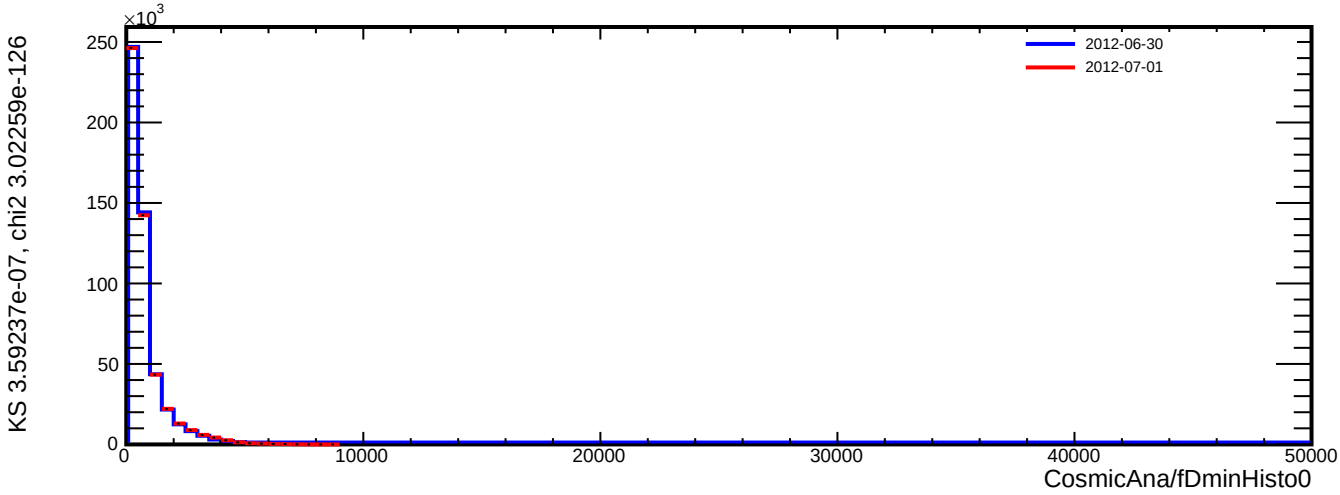

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yPos

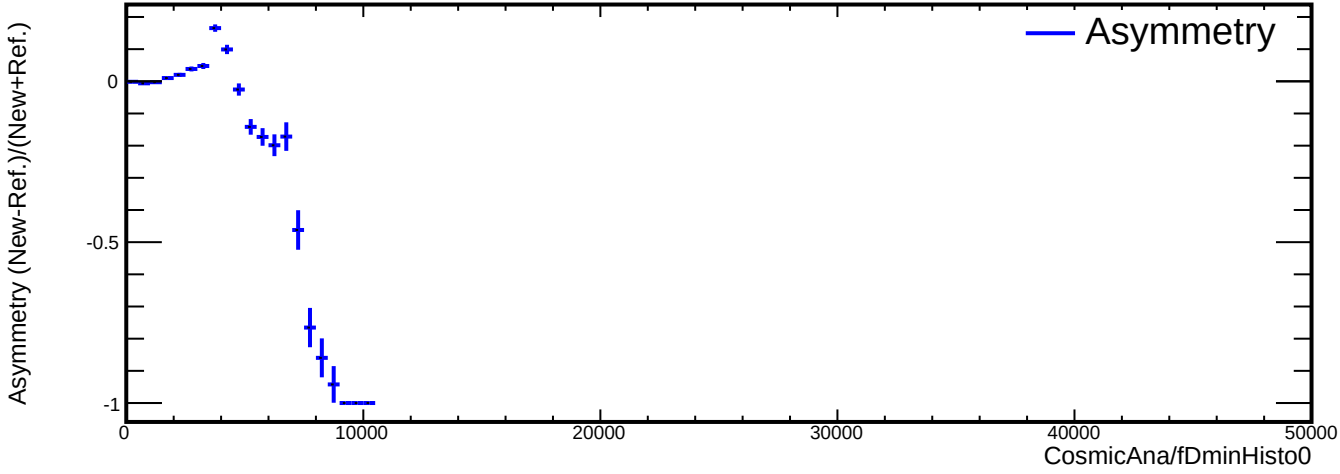

KS 5.73466e-22, chi2 1.02831e-14
2012-06-30
2012-07-01
2000
1500
1000
500
0
-200
0
200
KalmanTrackAna/xRecoPos

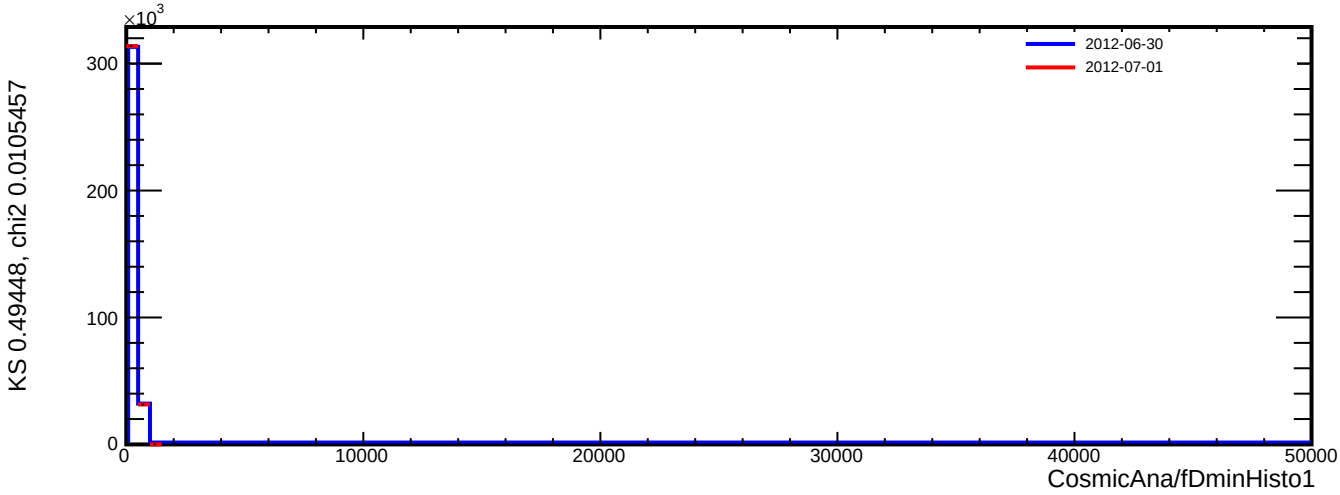

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
0
200
KalmanTrackAna/xRecoPos

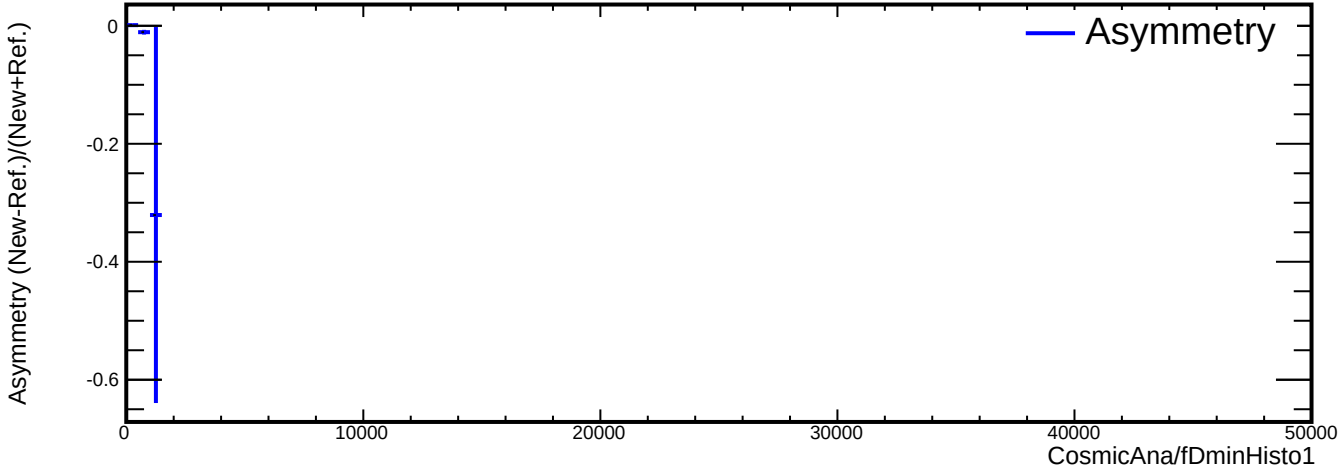

KS 1.0654e-06, chi2 5.60715e-16
2012-06-30
2012-07-01
600
400
200
0
-500
0
500
KalmanTrackAna/yRecoPos

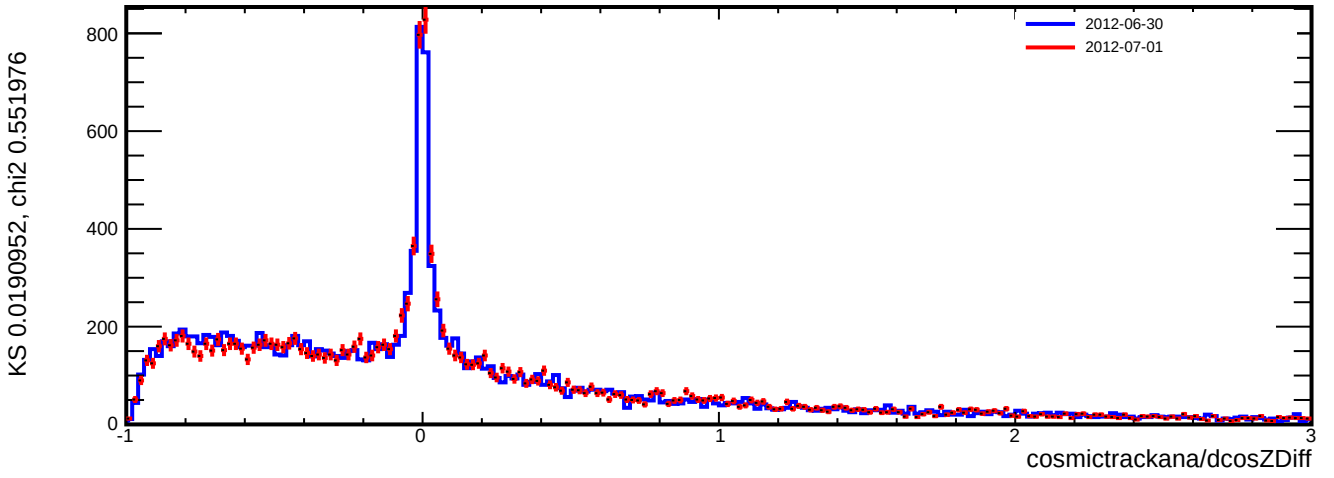

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-500
0
500
KalmanTrackAna/yRecoPos

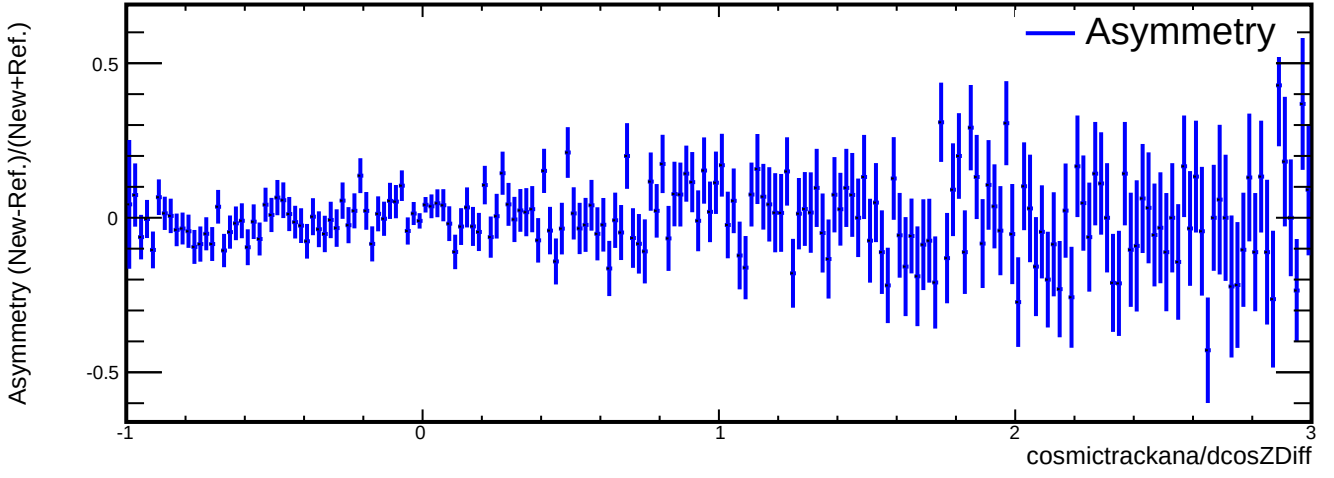

×10^3
250
200
150
100
50
0
0
10000
20000
30000
40000
50000
2012-06-30
2012-07-01
KS 3.59237e-07, chi2 3.02259e-126
CosmicAna/fDminHisto0

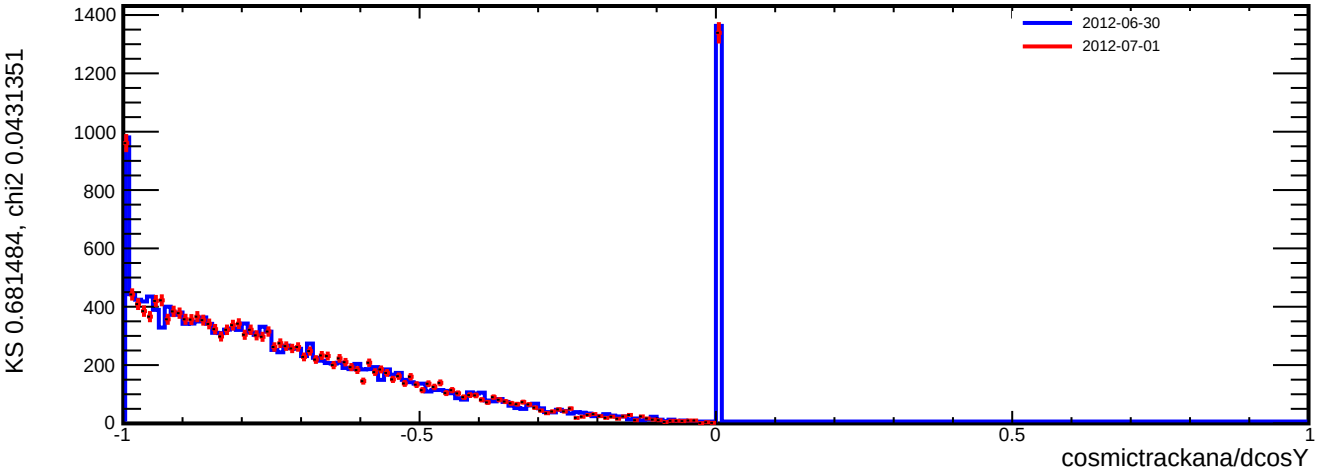

Asymmetry
0
-0.5
-1
0
10000
20000
30000
40000
50000
Asymmetry (New-Ref.)/(New+Ref.)
CosmicAna/fDminHisto0

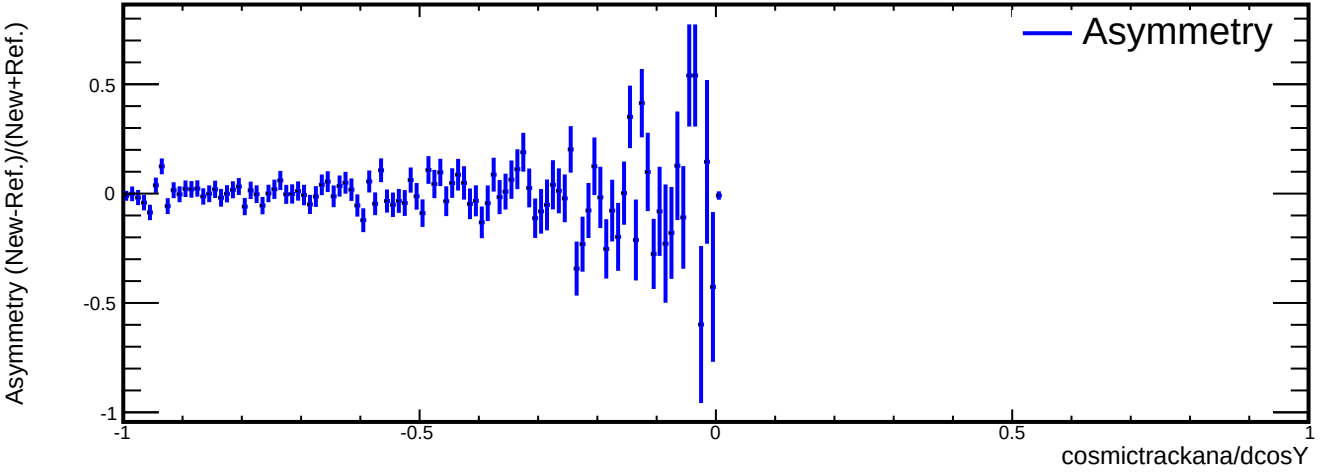

×10^3
300
200
100
0
0
10000
20000
30000
40000
50000
KS 0.49448, chi2 0.0105457
CosmicAna/fDminHisto1
2012-06-30
2012-07-01

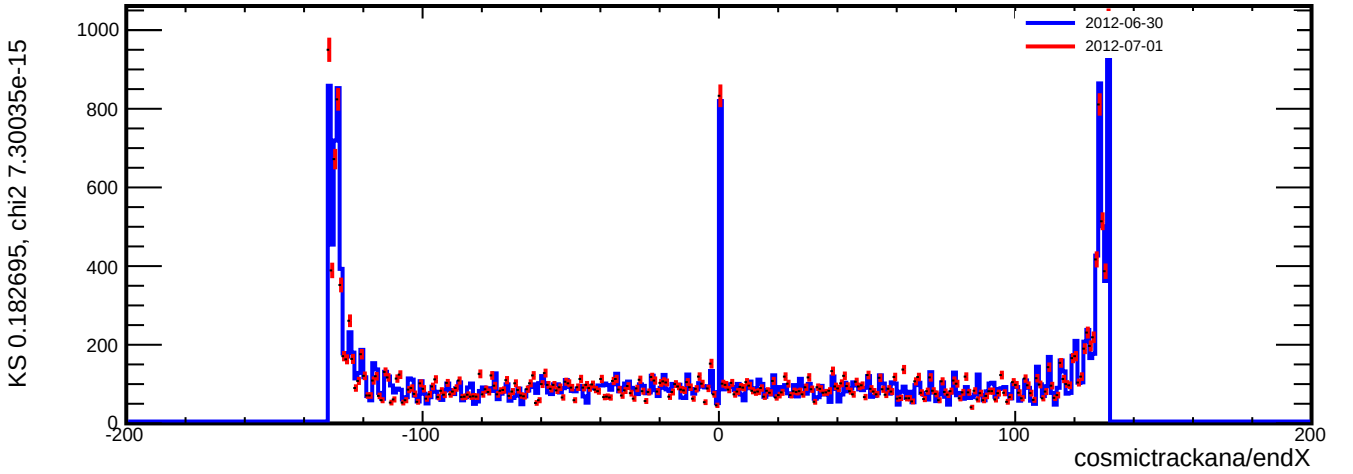

0
-0.2
-0.4
-0.6
0
10000
20000
30000
40000
50000
Asymmetry (New-Ref.)/(New+Ref.)
CosmicAna/fDminHisto1
Asymmetry

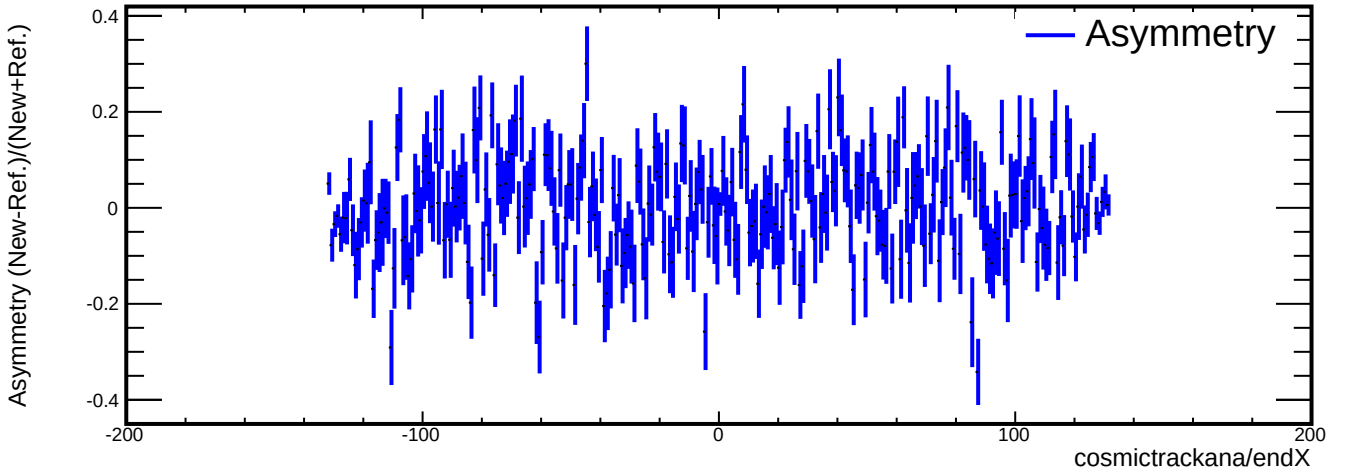

KS 0.0190952, chi2 0.551976
2012-06-30
2012-07-01
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosZDiff

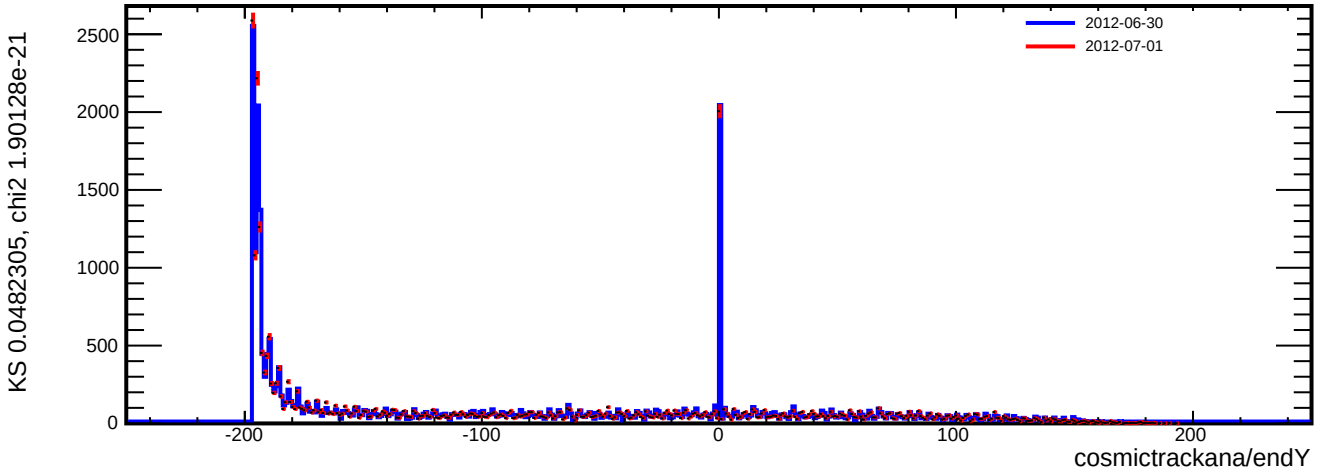

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
0
1
2
3
cosmictrackana/dcosZDiff

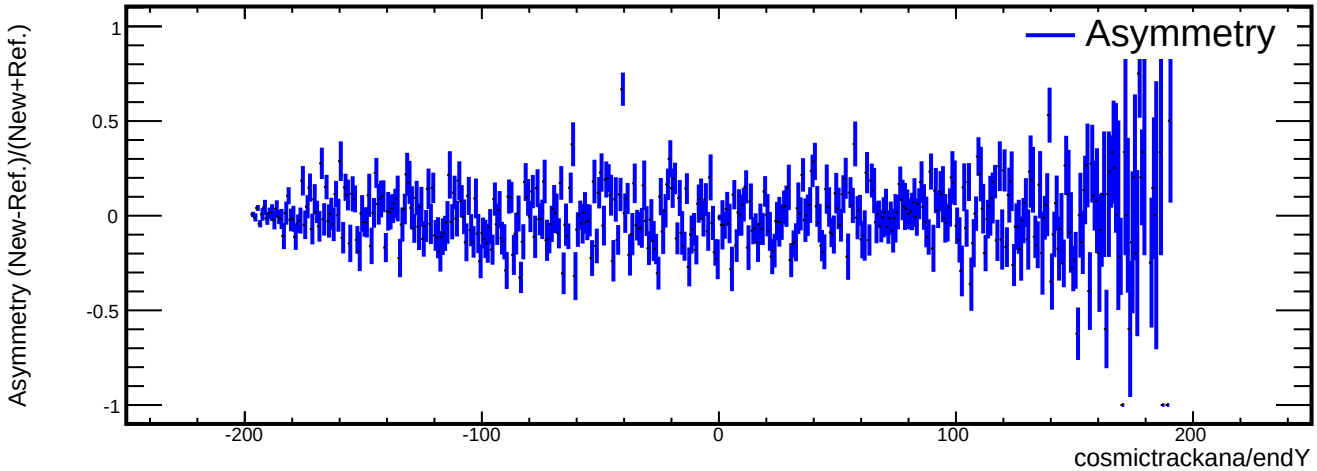

KS 0.681484, chi2 0.0431351
2012-06-30
2012-07-01
cosmictrackana/dcosY

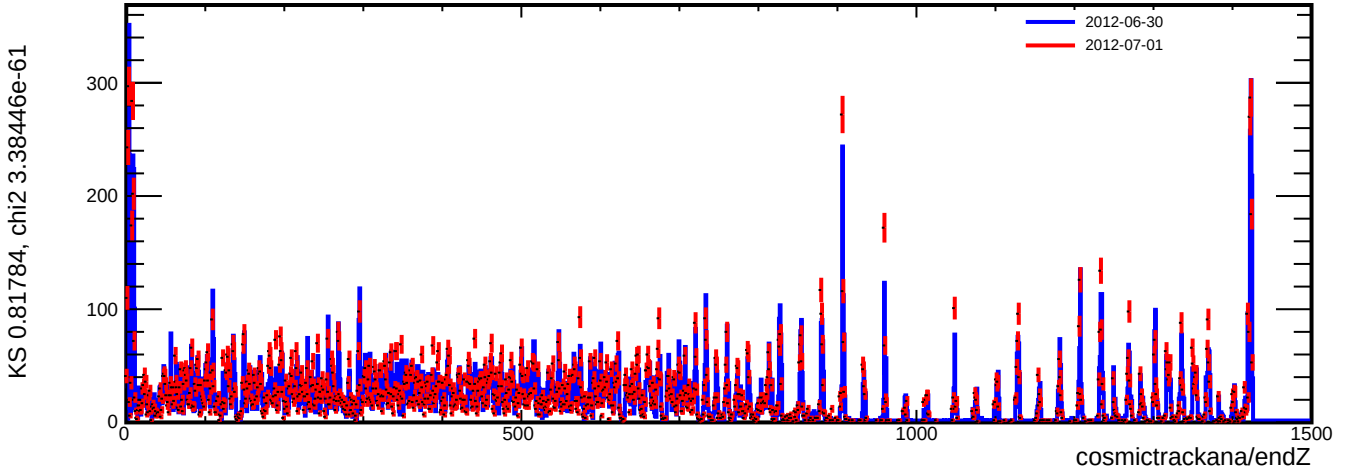

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosY

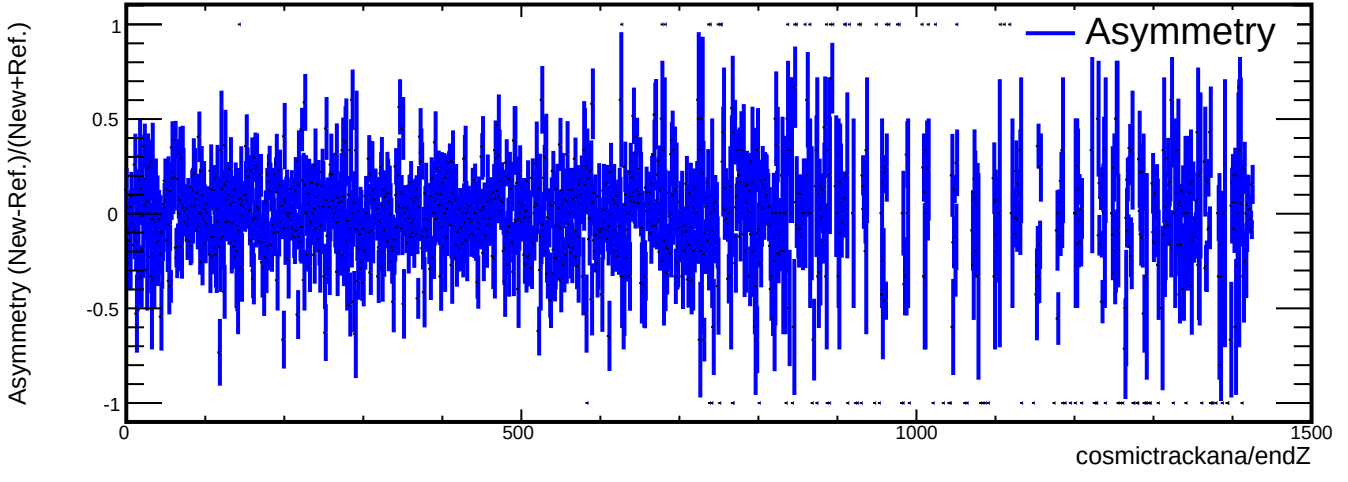

KS 0.182695, chi2 7.30035e-15
2012-06-30
2012-07-01
cosmictrackana/endX

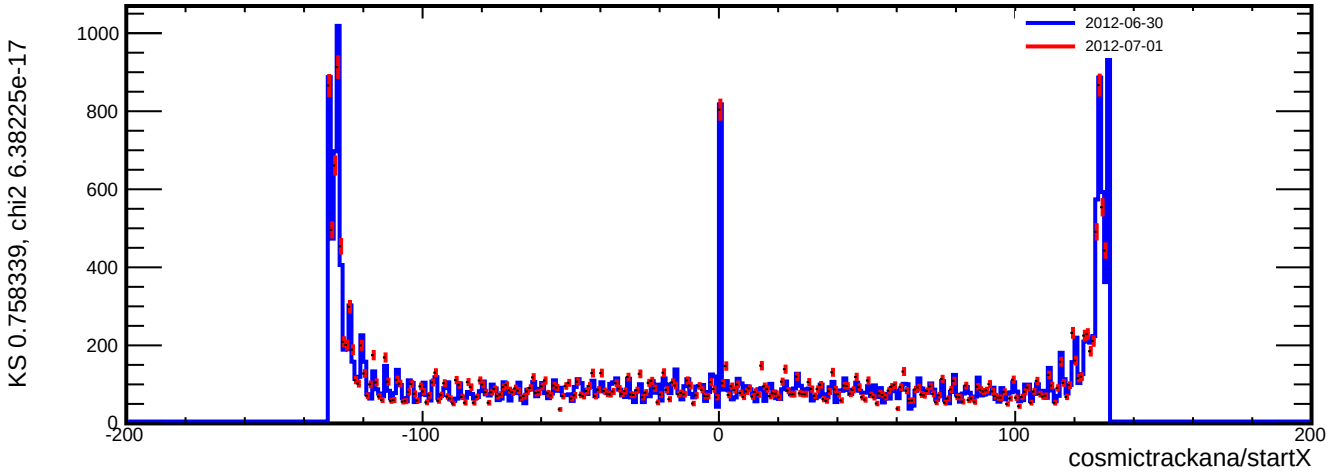

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/endX

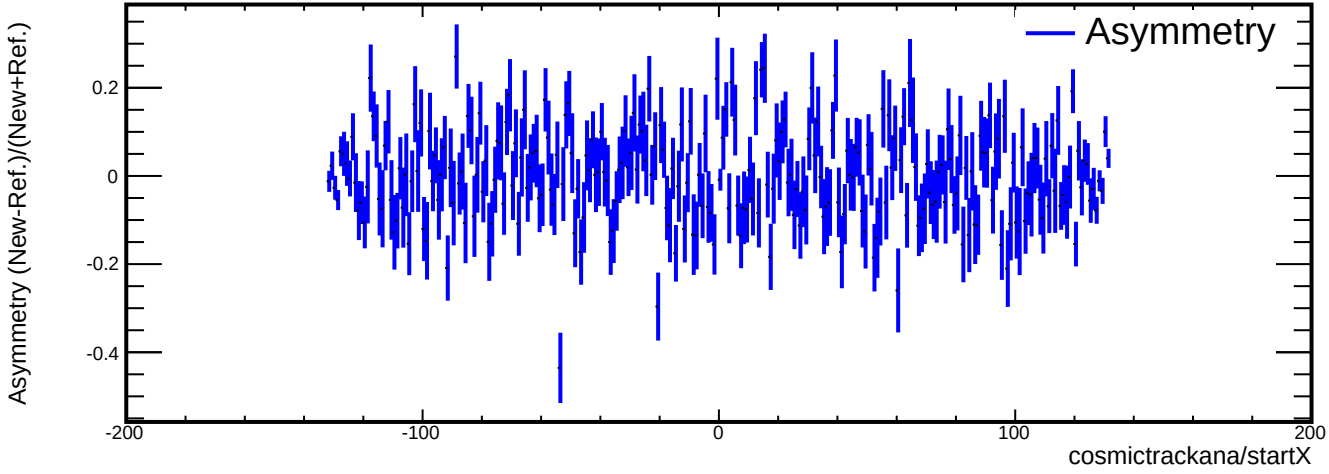

KS 0.0482305, chi2 1.90128e-21
2012-06-30
2012-07-01
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

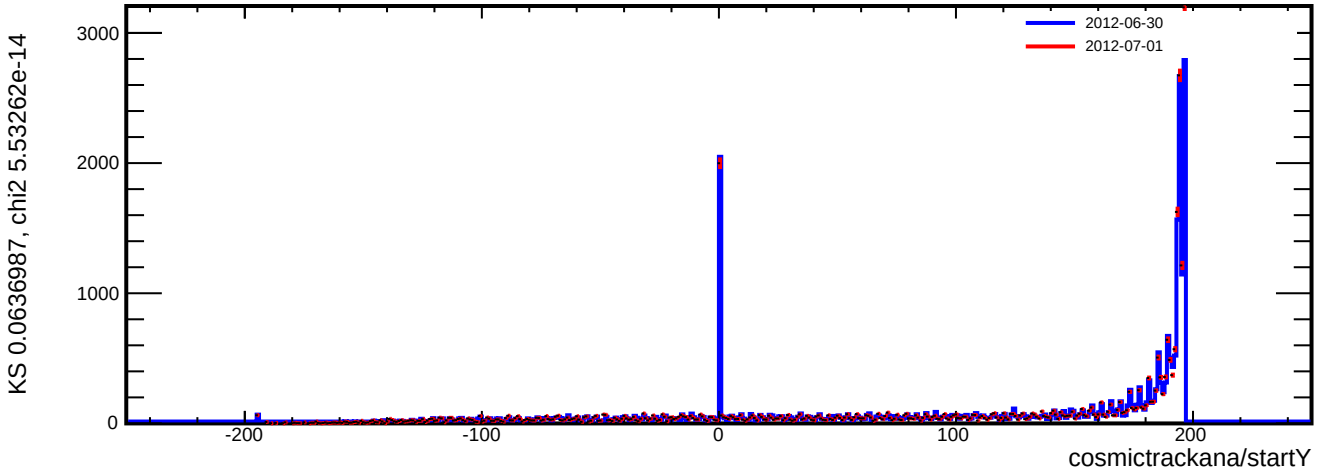

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

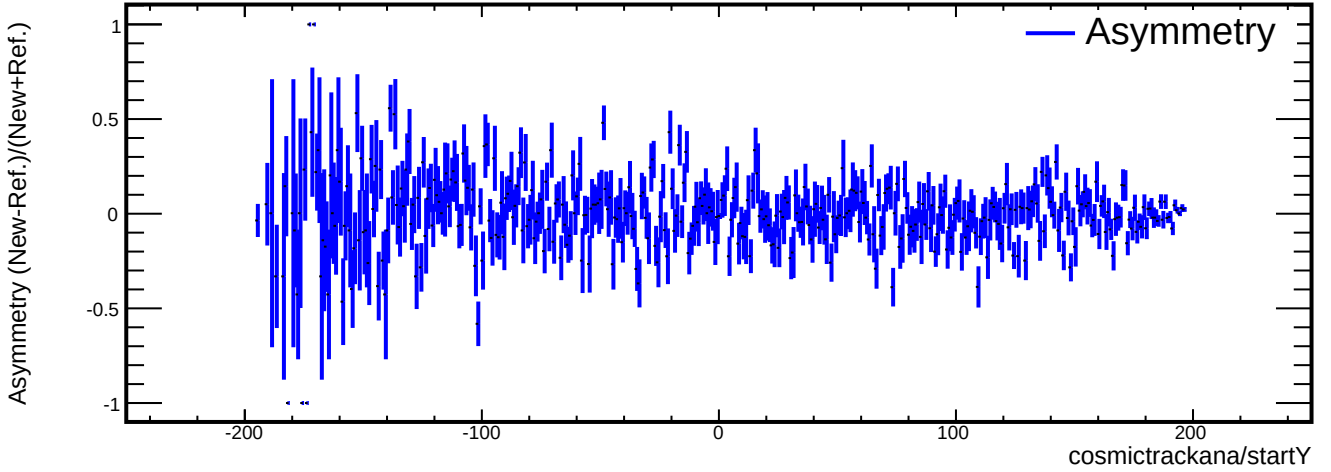

KS 0.81784, chi2 3.38446e-61
2012-06-30
2012-07-01
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

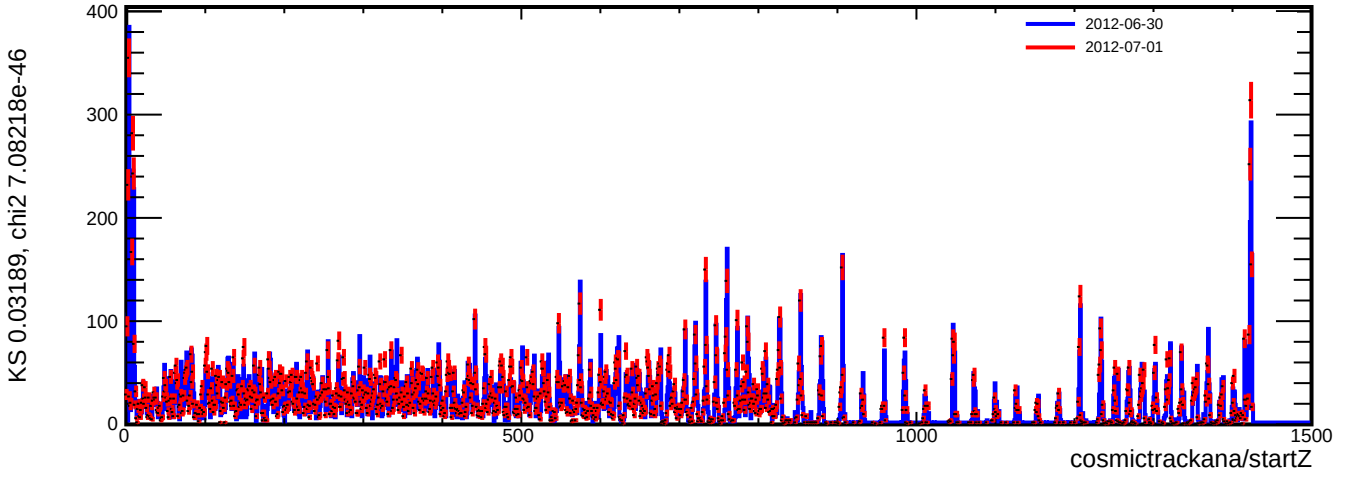

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

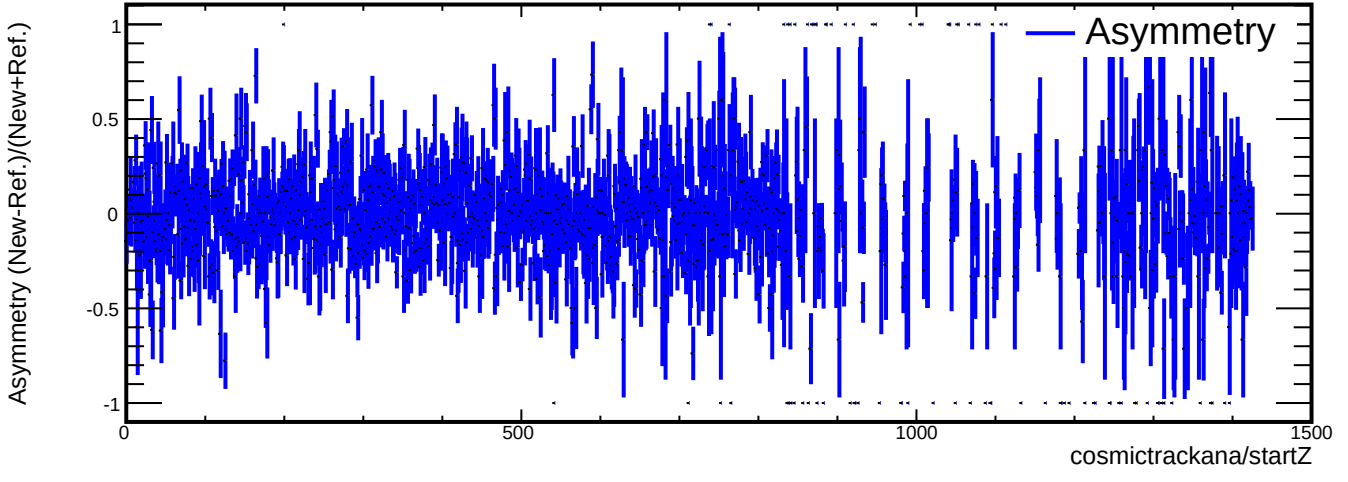

KS 0.758339, chi2 6.38225e-17
2012-06-30
2012-07-01
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

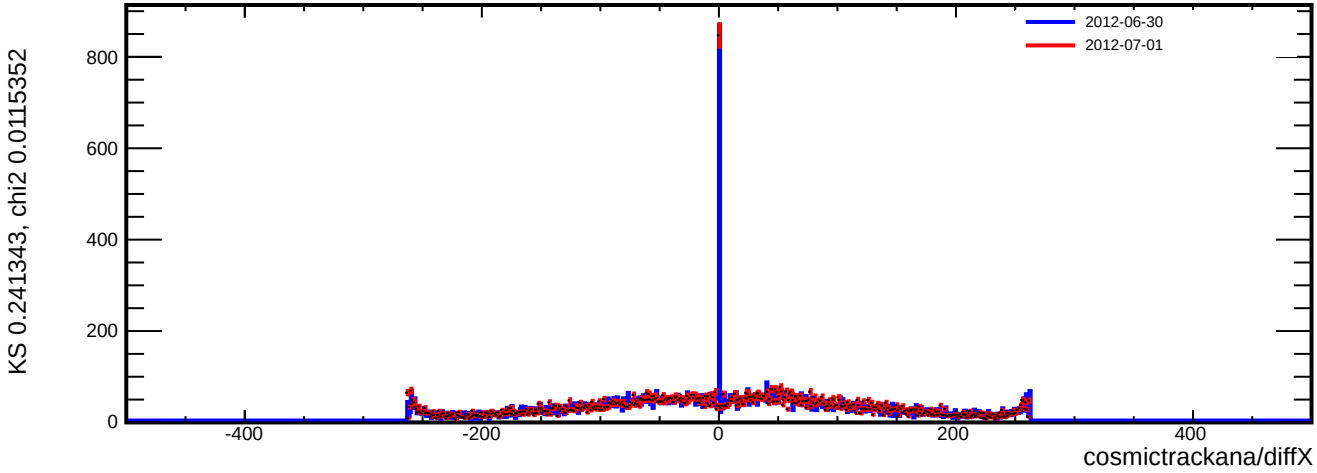

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0
-0.2
-0.4
-200
-100
0
100
200
cosmictrackana/startX

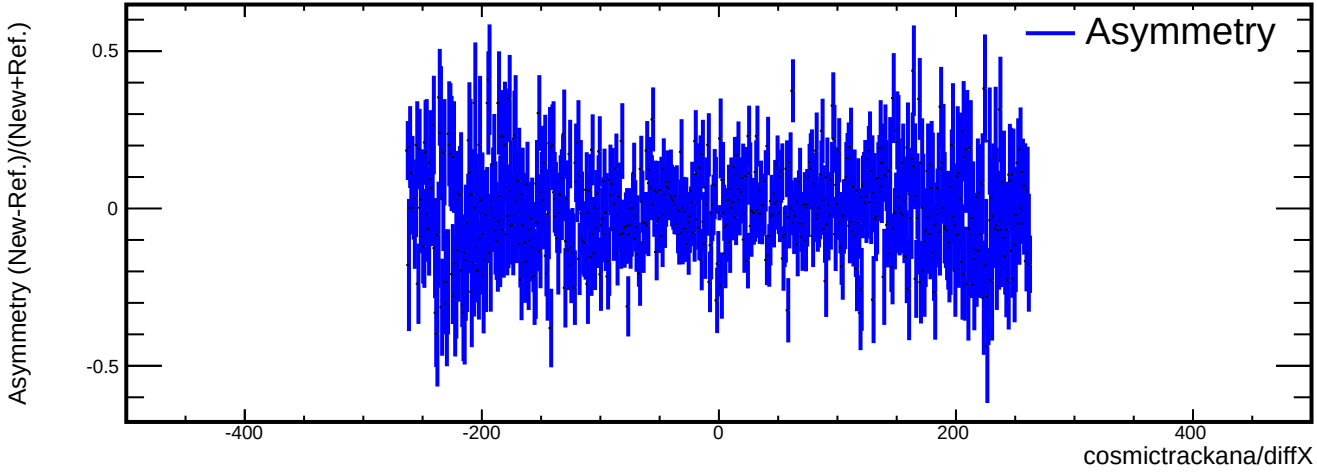

KS 0.0636987, chi2 5.53262e-14
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY
2012-06-30
2012-07-01

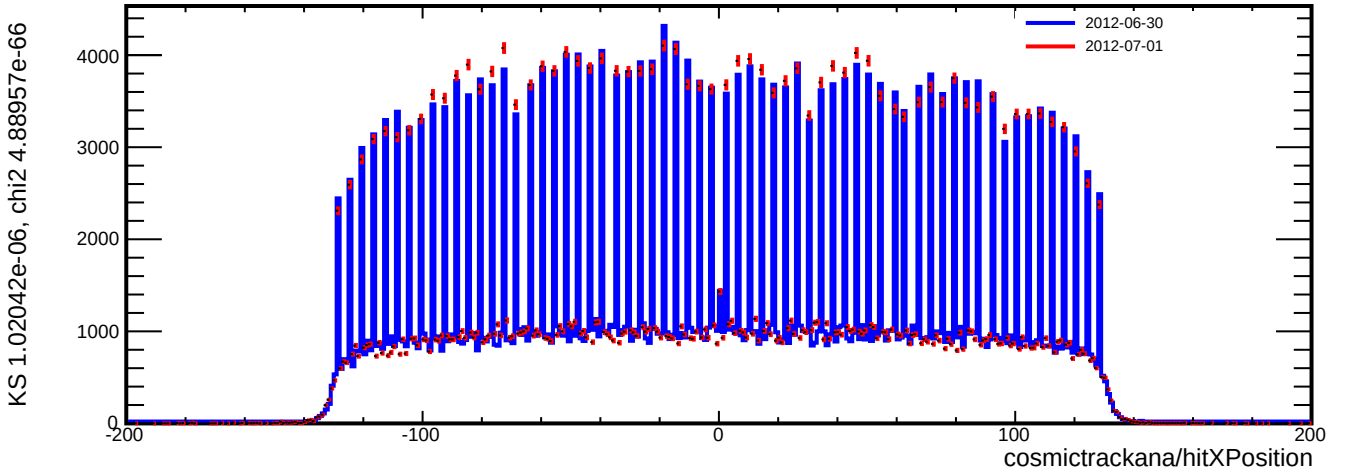

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY
Asymmetry

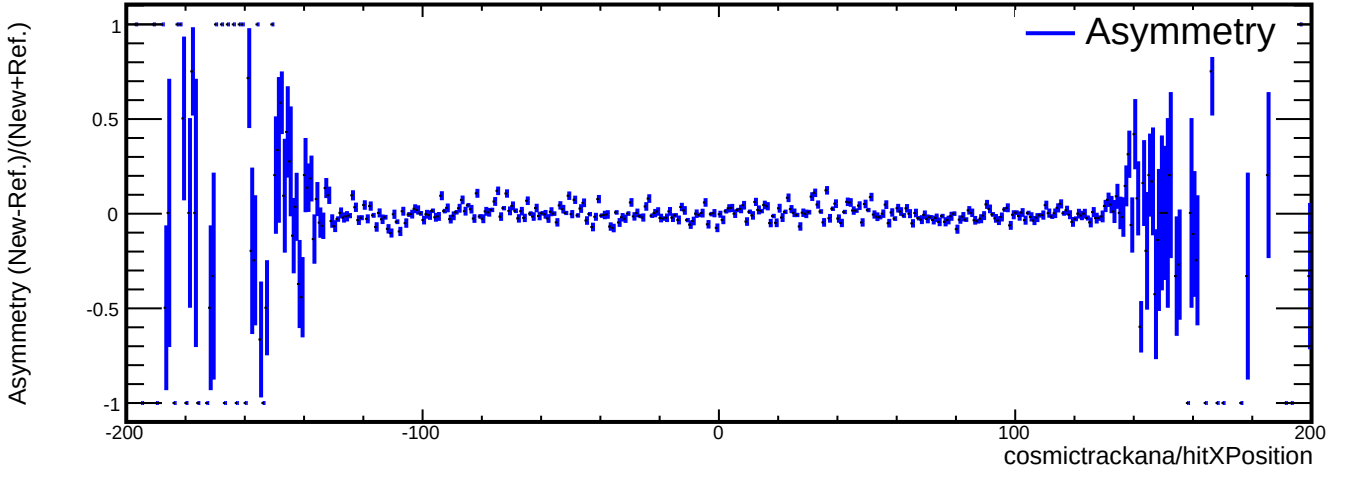

KS 0.03189, chi2 7.08218e-46
400
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ
2012-06-30
2012-07-01

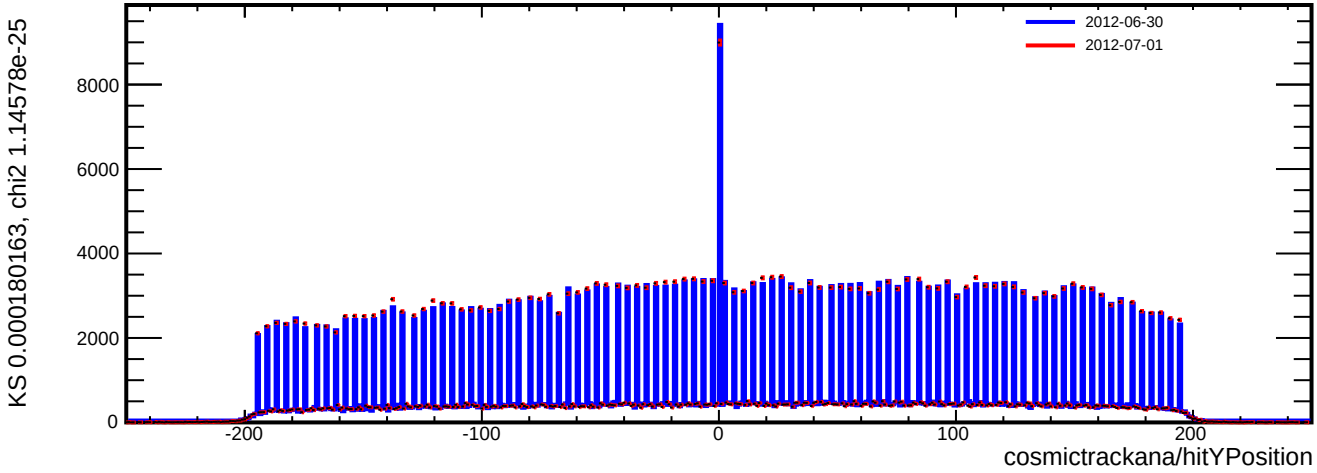

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ
Asymmetry

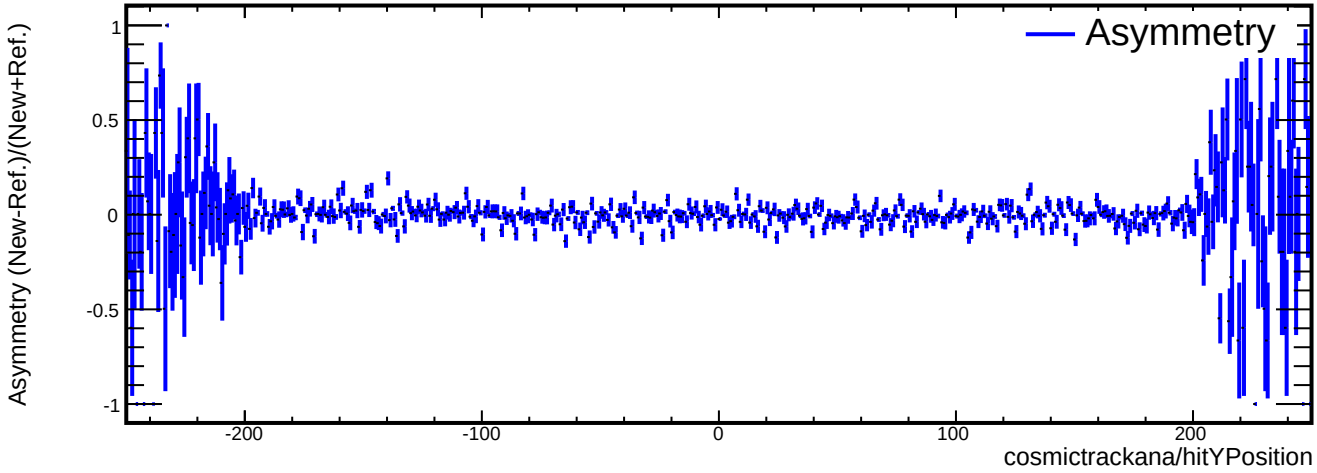

KS 0.241343, chi2 0.0115352
2012-06-30
2012-07-01
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX

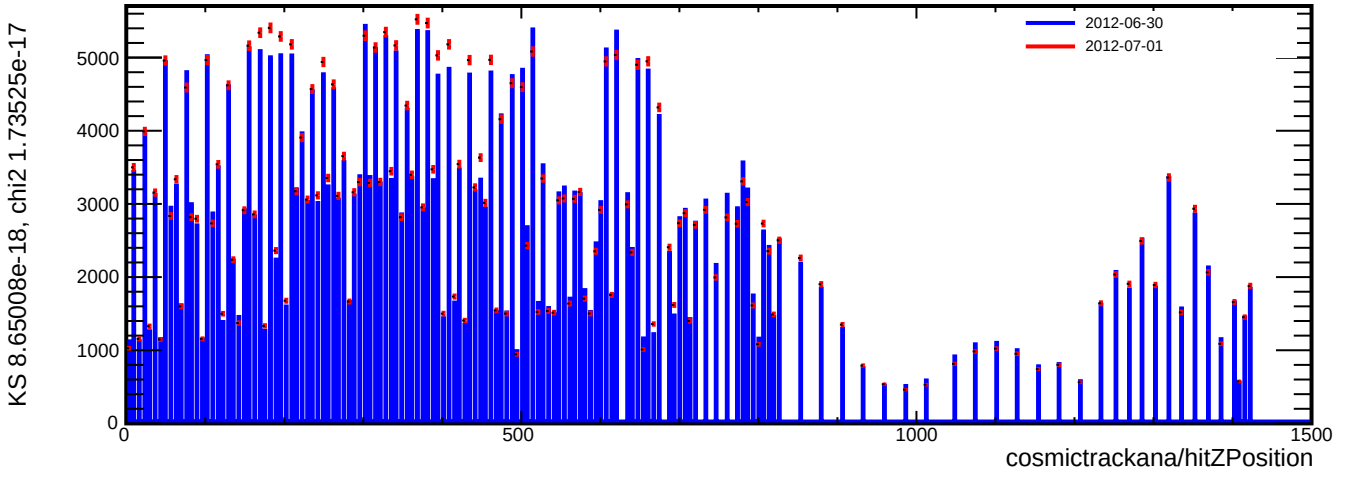

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffX

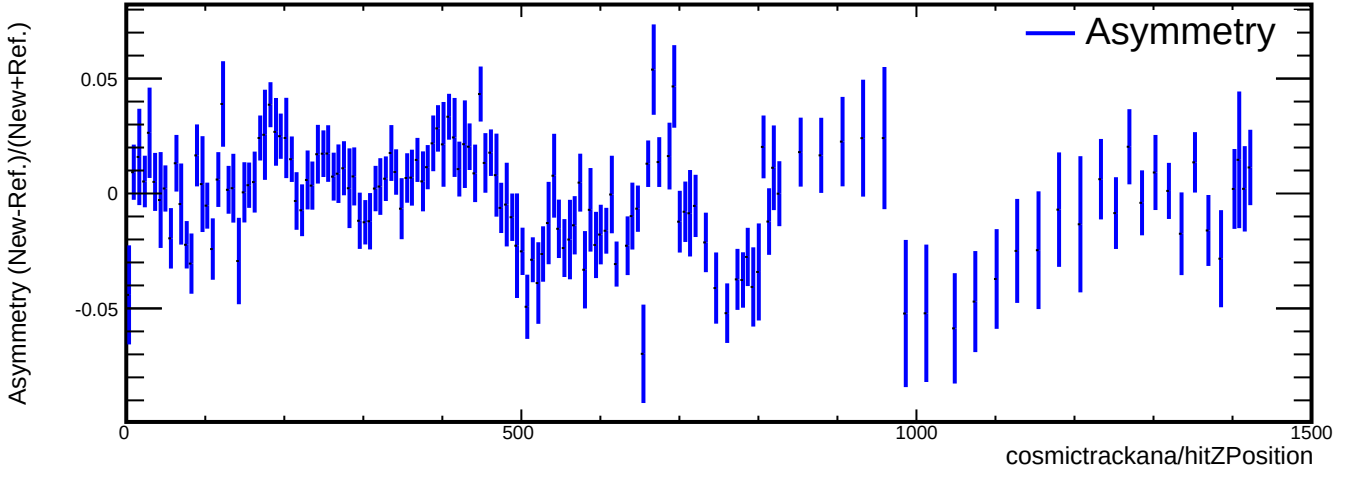

KS 1.02042e-06, chi2 4.88957e-66
2012-06-30
2012-07-01
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

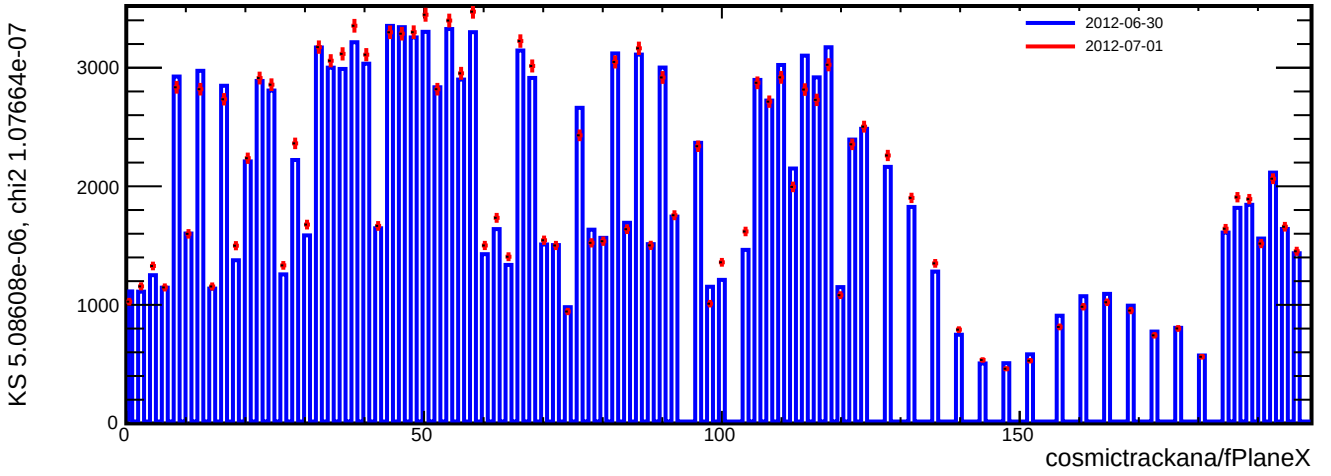

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

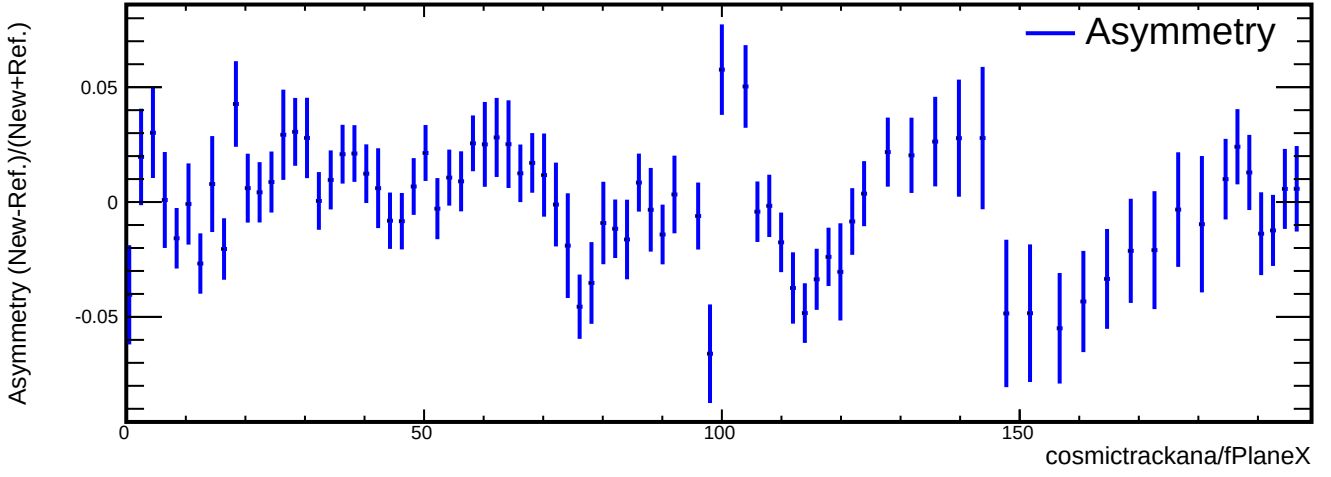

KS 0.000180163, chi2 1.14578e-25
2012-06-30
2012-07-01
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition

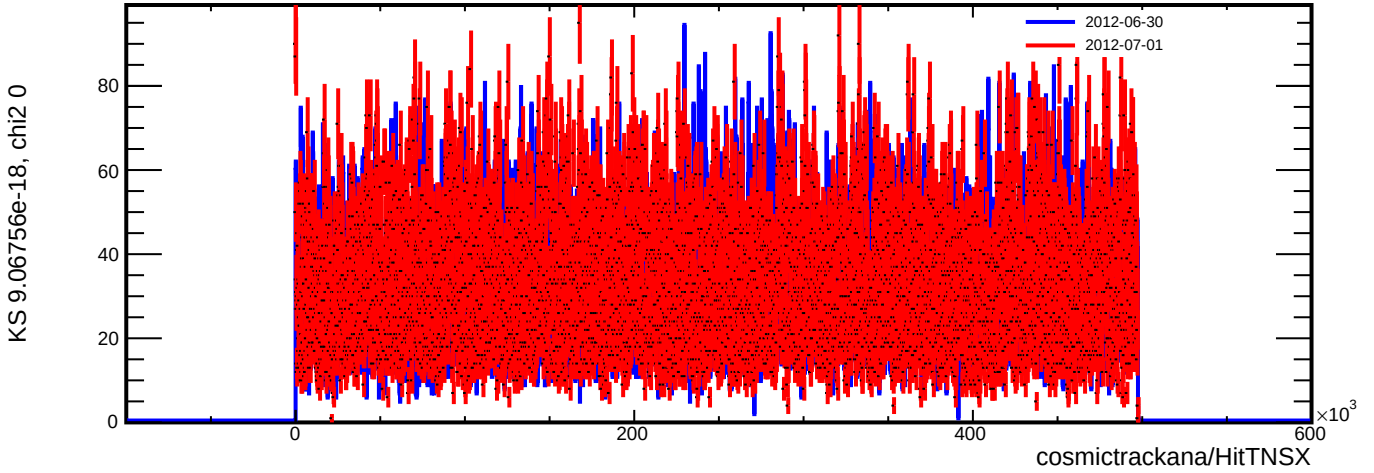

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition

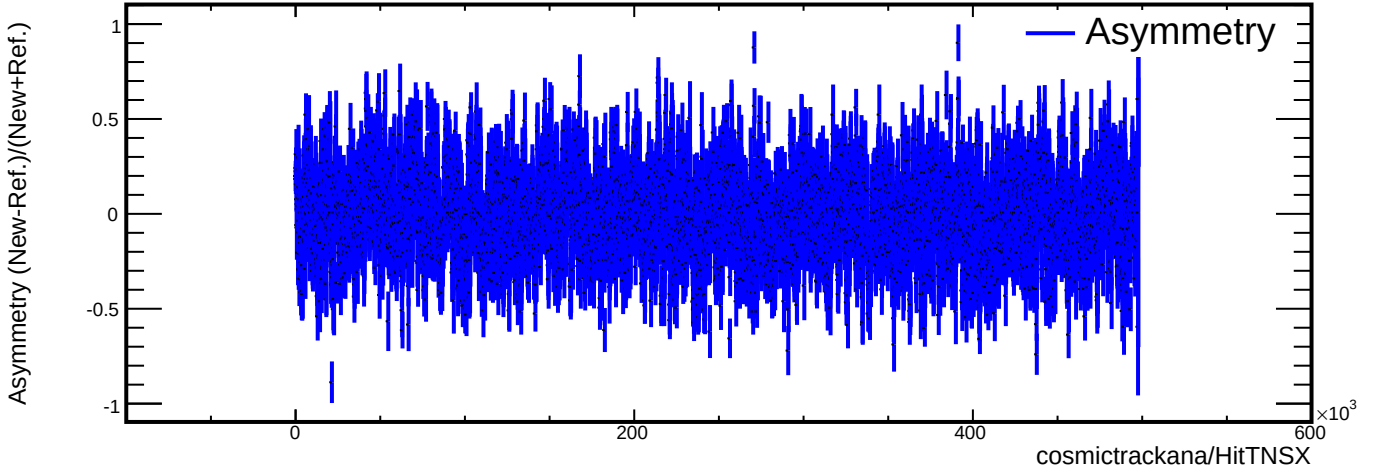

KS 8.65008e-18, chi2 1.73525e-17
2012-06-30
2012-07-01
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

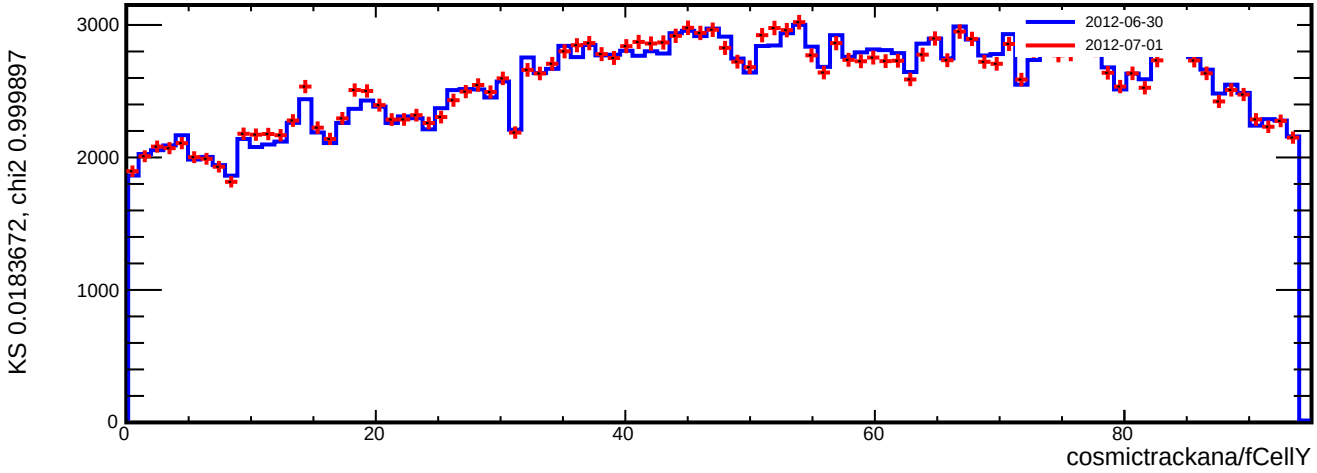

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
500
1000
1500
cosmictrackana/hitZPosition

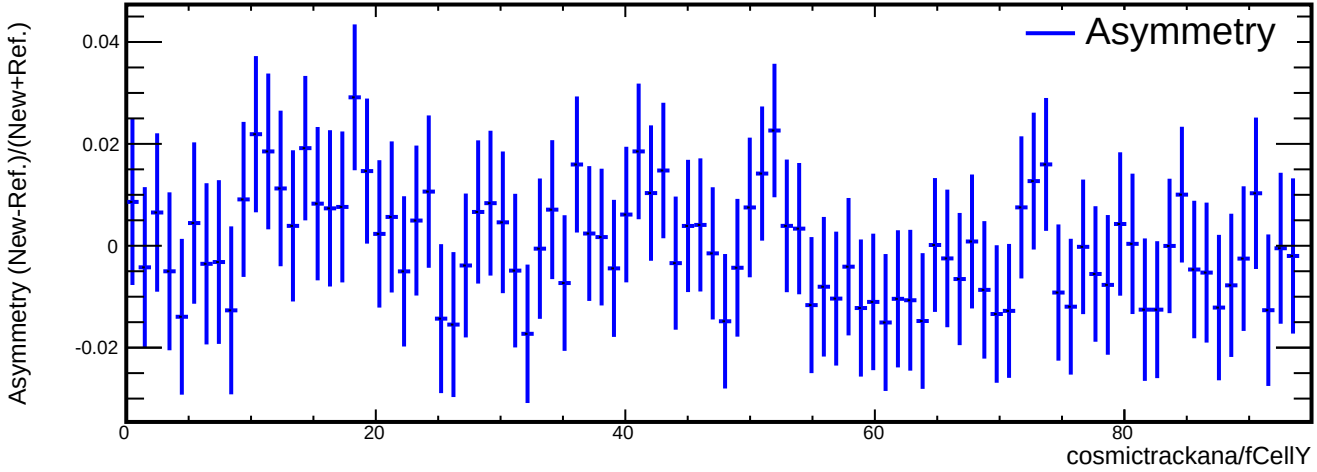

KS 5.08608e-06, chi2 1.07664e-07
2012-06-30
2012-07-01
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

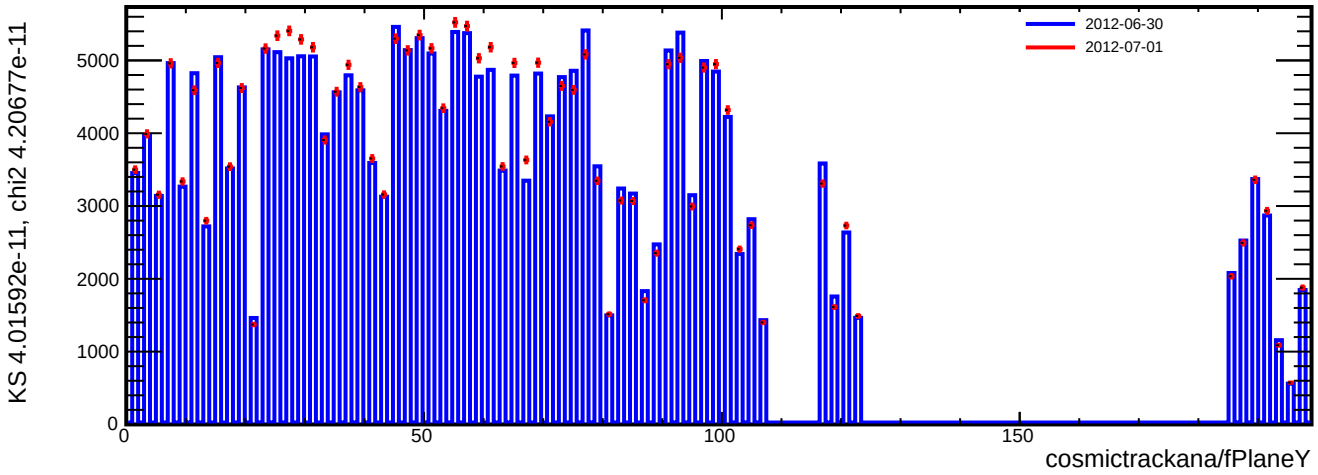

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
50
100
150
cosmictrackana/fPlaneX

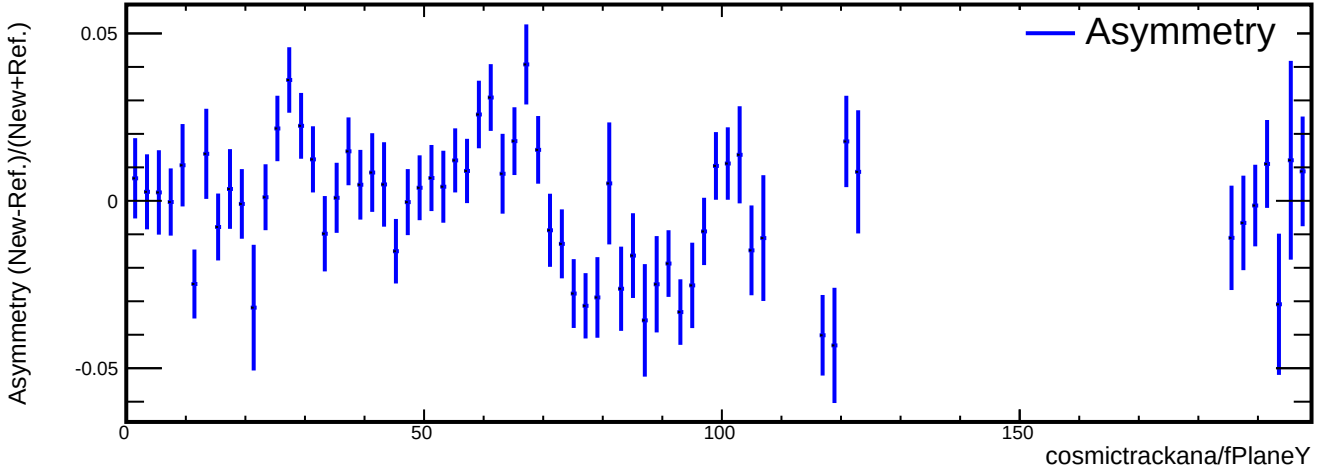

KS 9.06756e-18, chi2 0
2012-06-30
2012-07-01
0
20
40
60
80
0
200
400
600
×10^3
cosmictrackana/HitTNSX

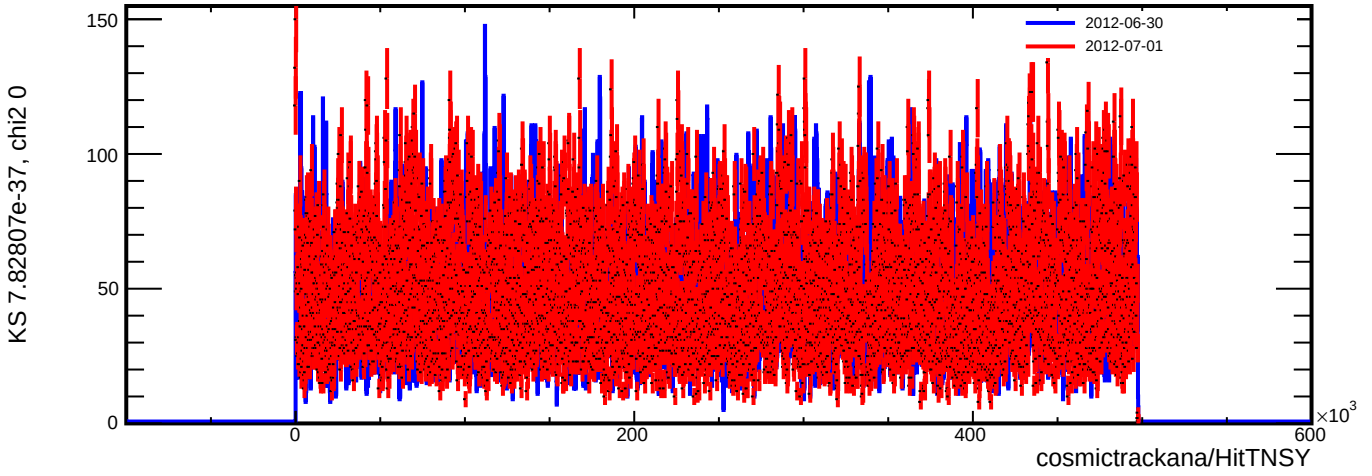

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX

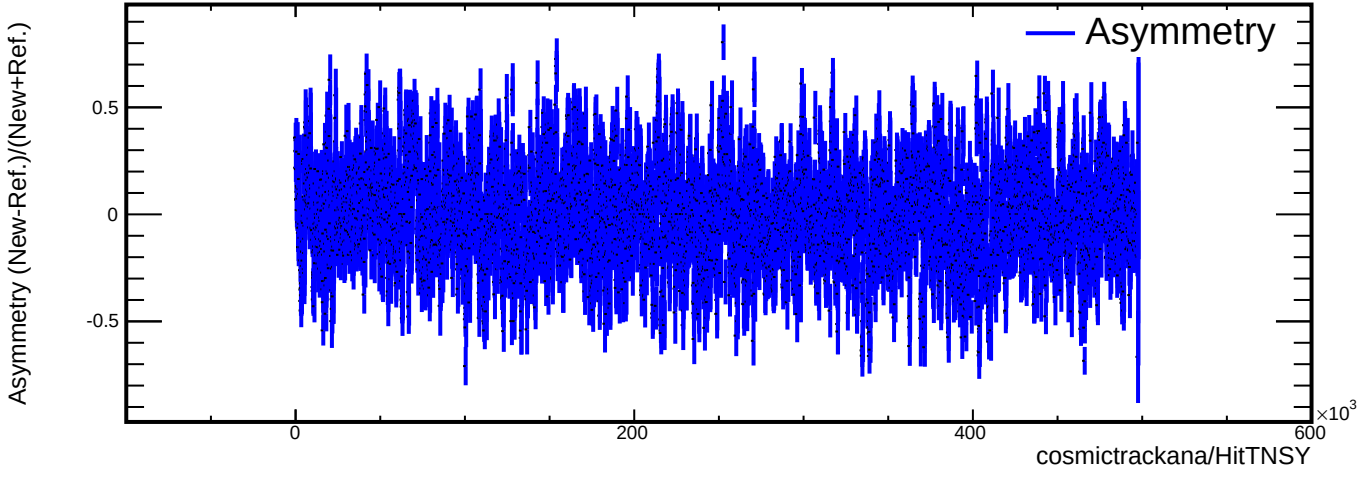

KS 0.0183672, chi2 0.999897
2012-06-30
2012-07-01
cosmictrackana/fCellY


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


KS 4.01592e-11, chi2 4.20677e-11
2012-06-30
2012-07-01
0
1000
2000
3000
4000
5000
0
50
100
150
cosmictrackana/fPlaneY


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


KS 7.82807e-37, chi2 0
150
100
50
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY
2012-06-30
2012-07-01


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