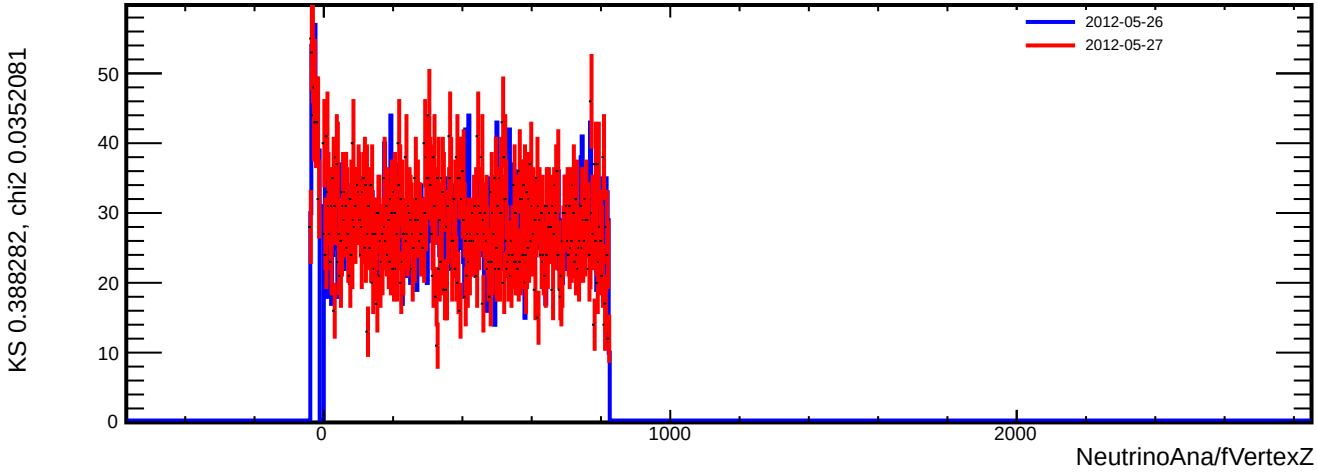
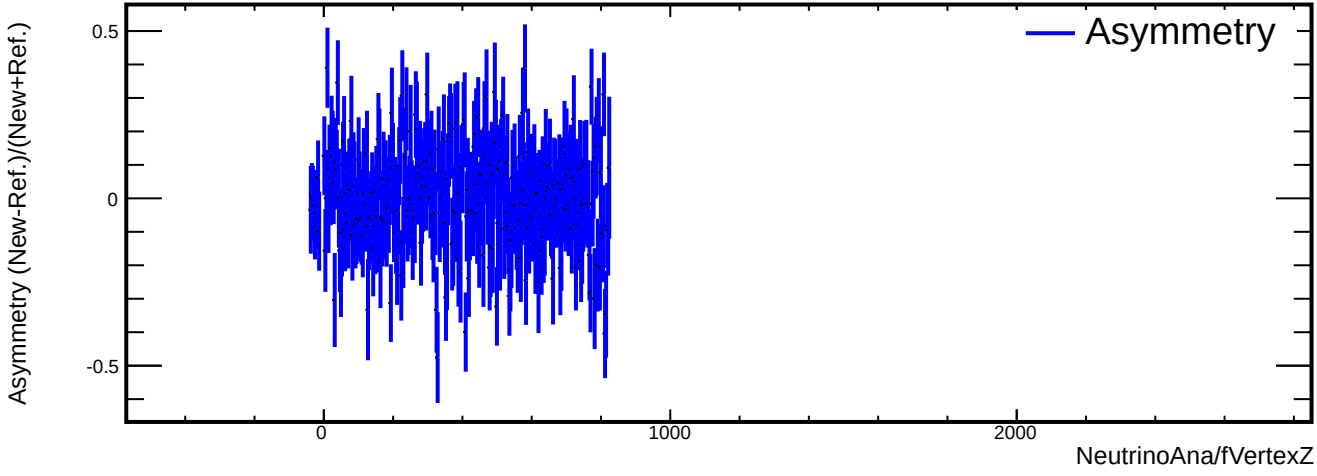
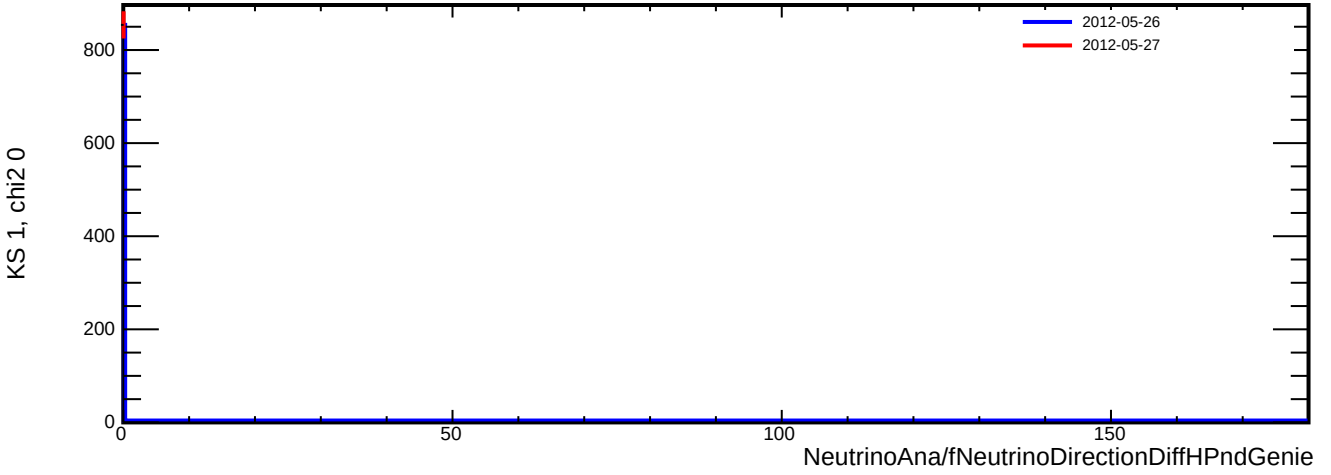
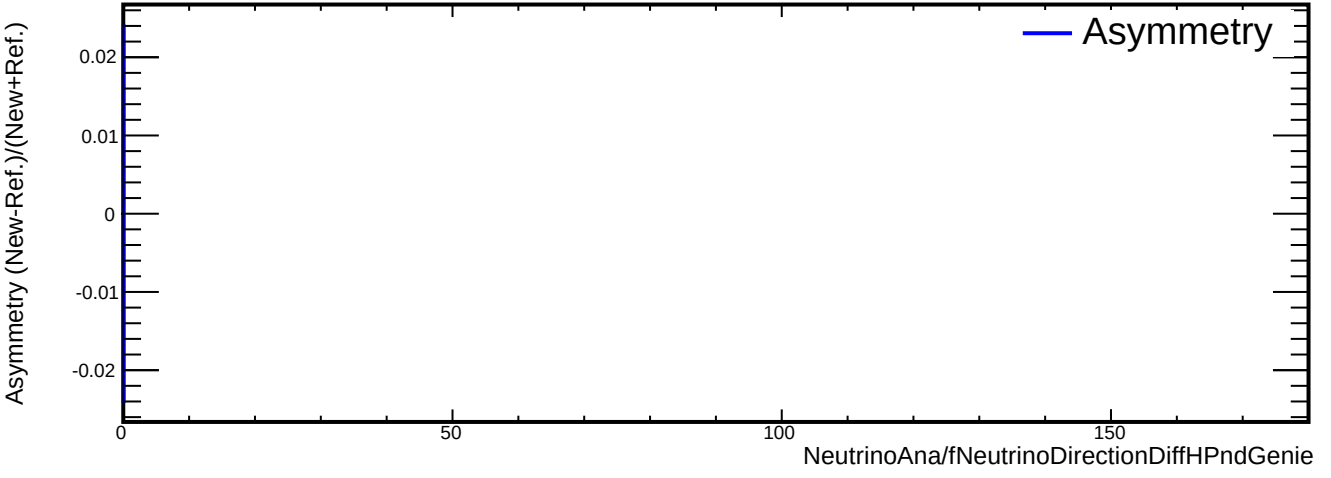
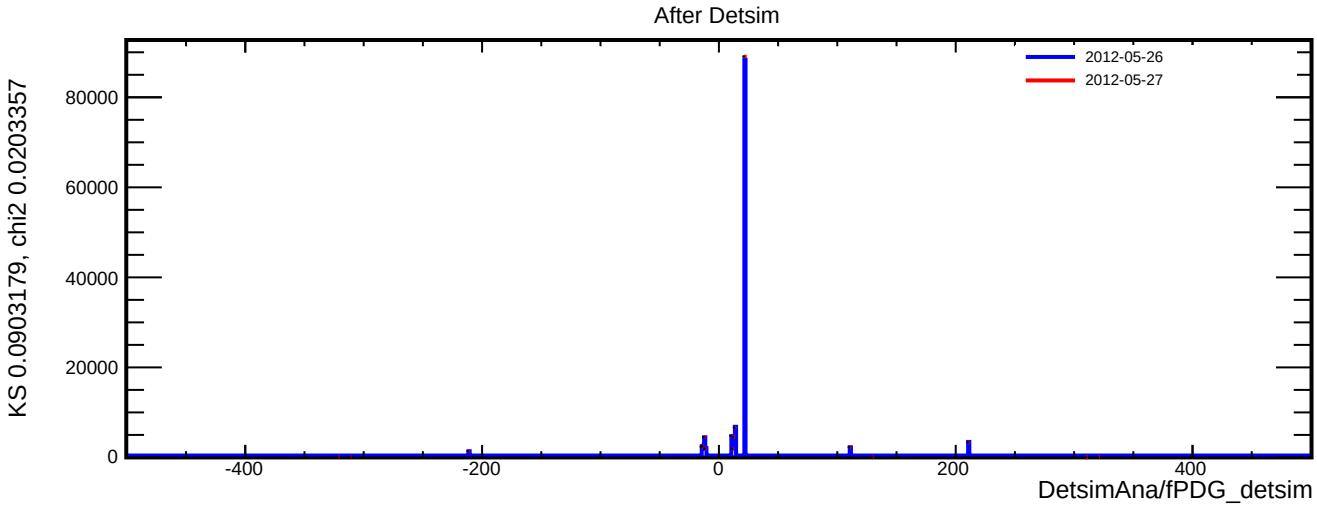
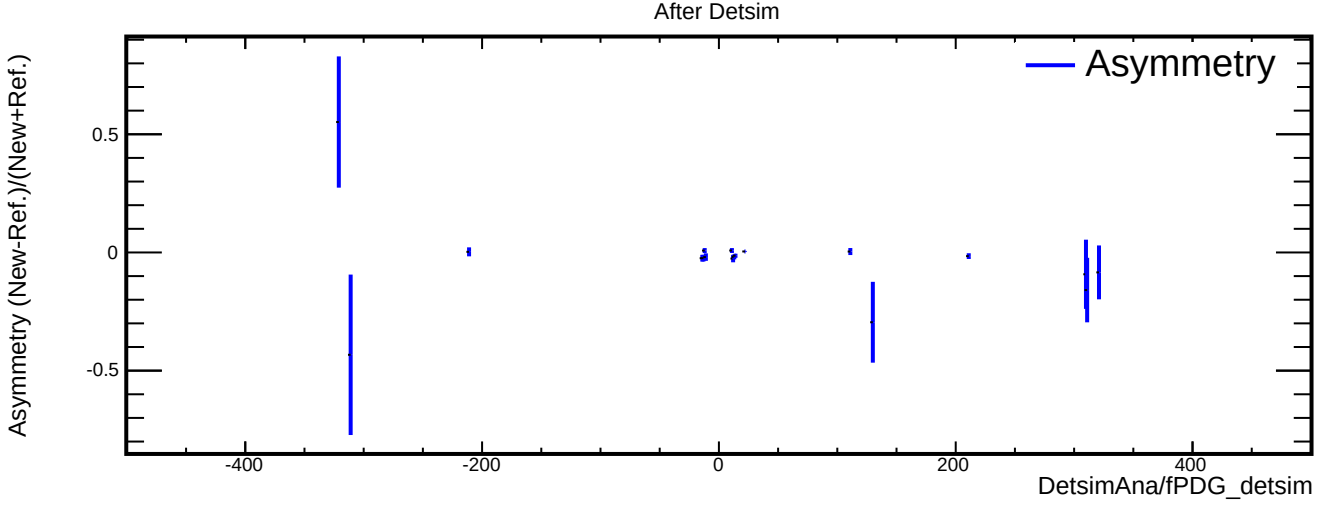

KS 0.388282, chi2 0.0352081
2012-05-26
2012-05-27
0
10
20
30
40
50
0
1000
2000
NeutrinoAna/fVertexZ

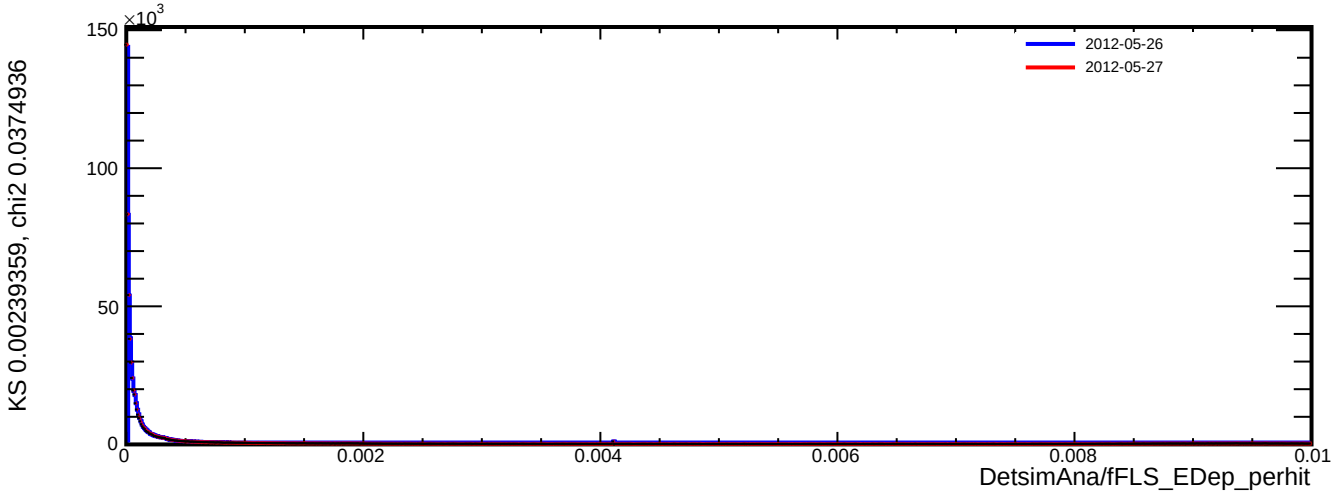

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
0
1000
2000
NeutrinoAna/fVertexZ

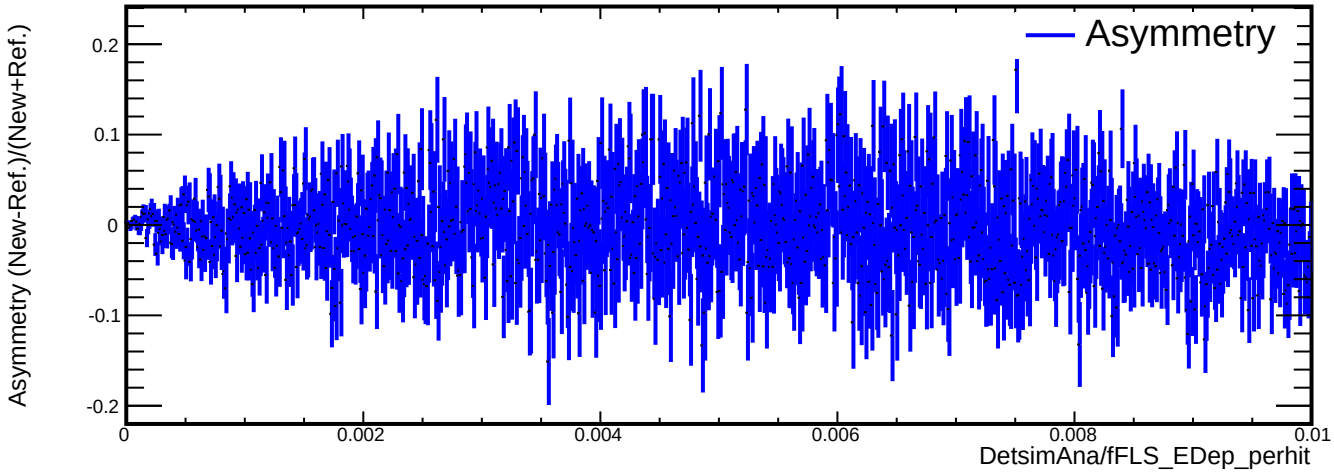

2012-05-26
2012-05-27
KS 1, chi2 0
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

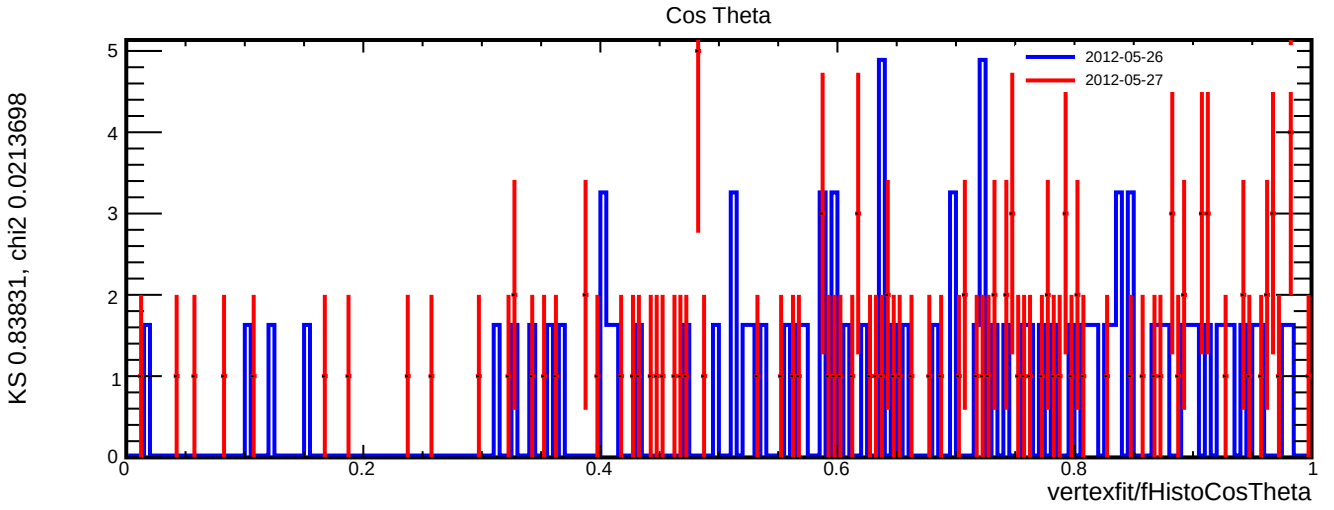

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

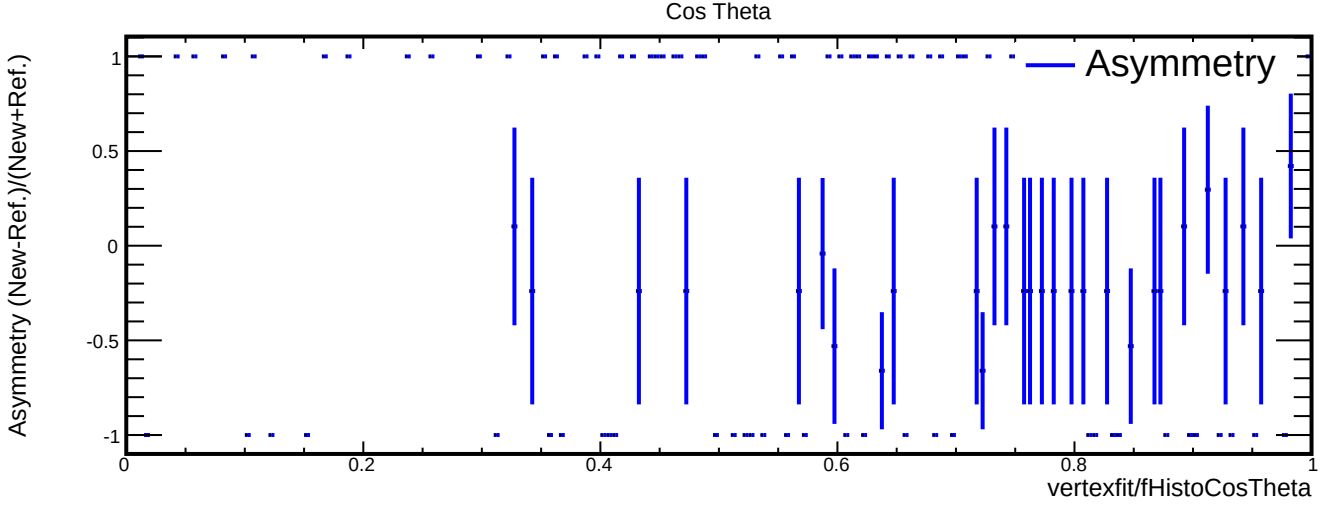

After Detsim
KS 0.0903179, chi2 0.0203357
2012-05-26
2012-05-27
80000
60000
40000
20000
0
-400
-200
0
200
400
DetsimAna/fPDG_detsim

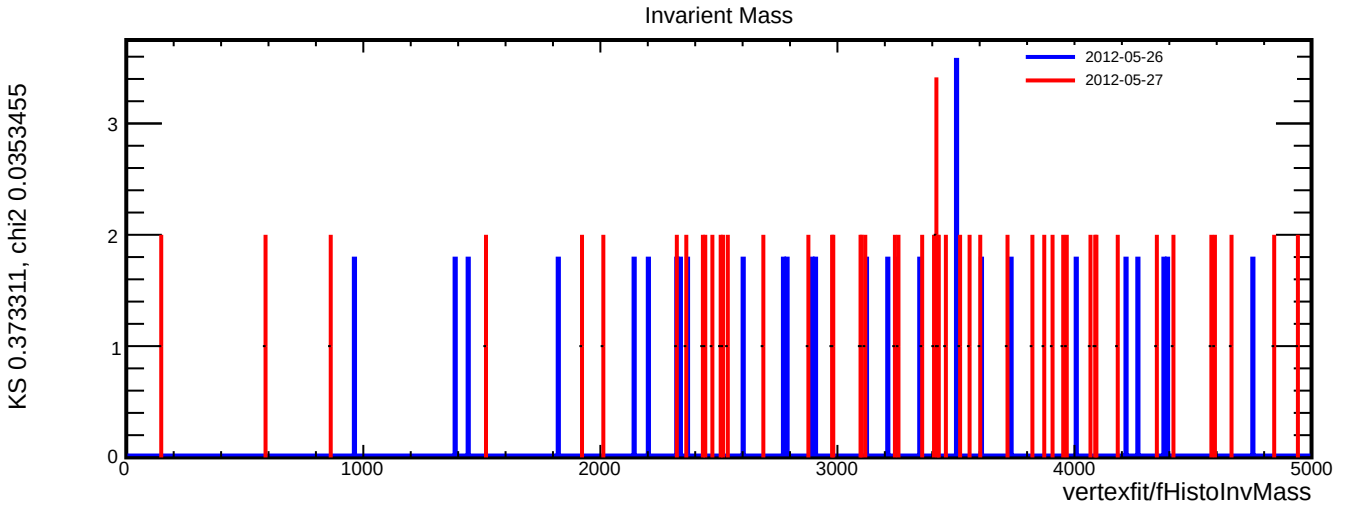

After Detsim
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-400
-200
0
200
400
DetsimAna/fPDG_detsim

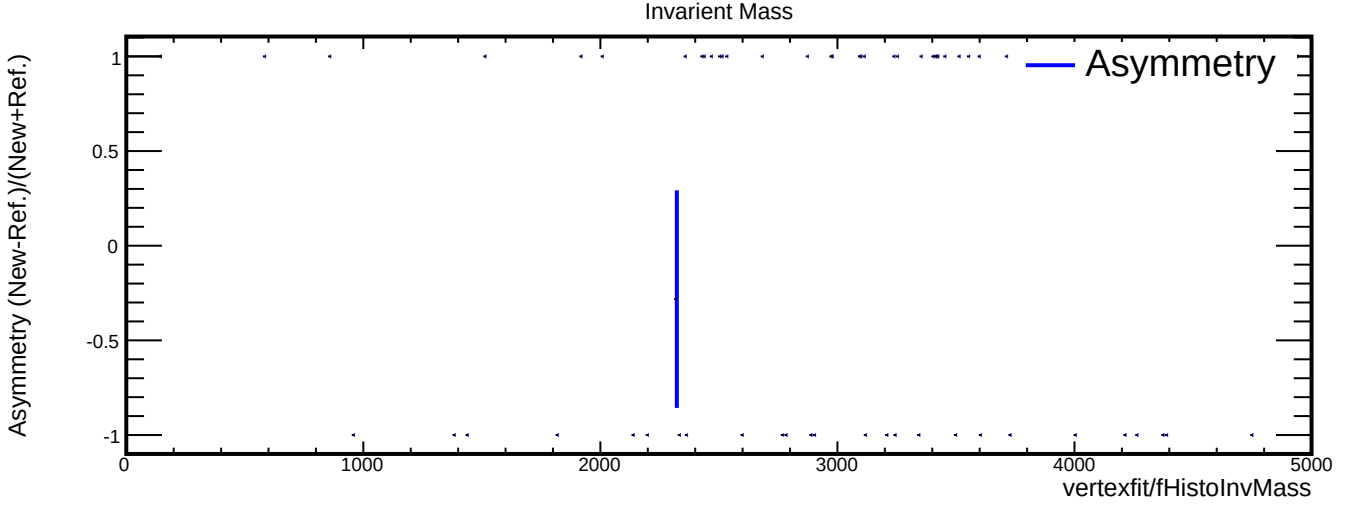

KS 0.00239359, chi2 0.0374936
×10^3
150
100
50
0
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit
2012-05-26
2012-05-27

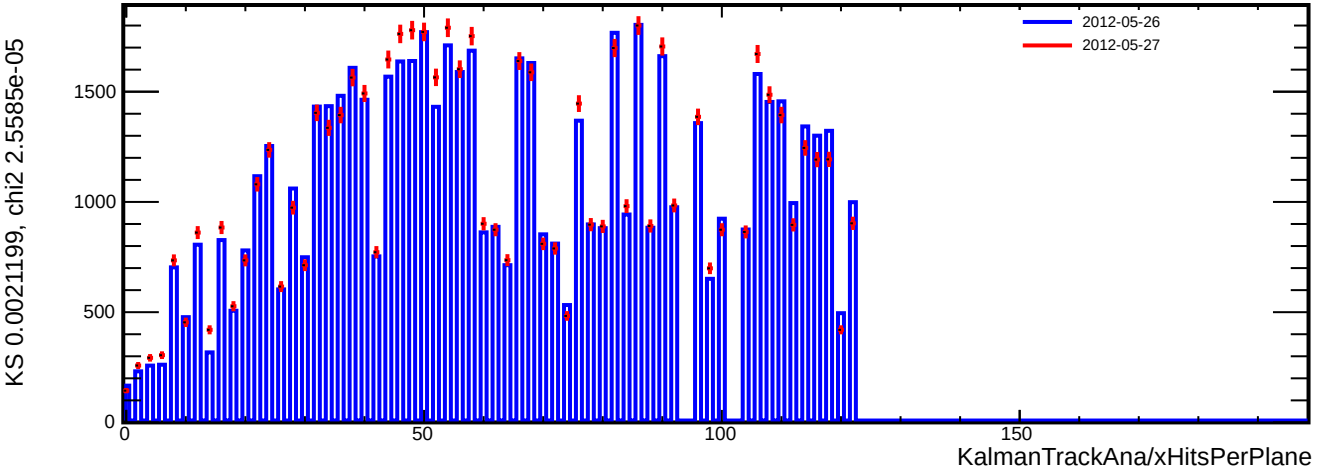

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0.1
0
-0.1
-0.2
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit
Asymmetry

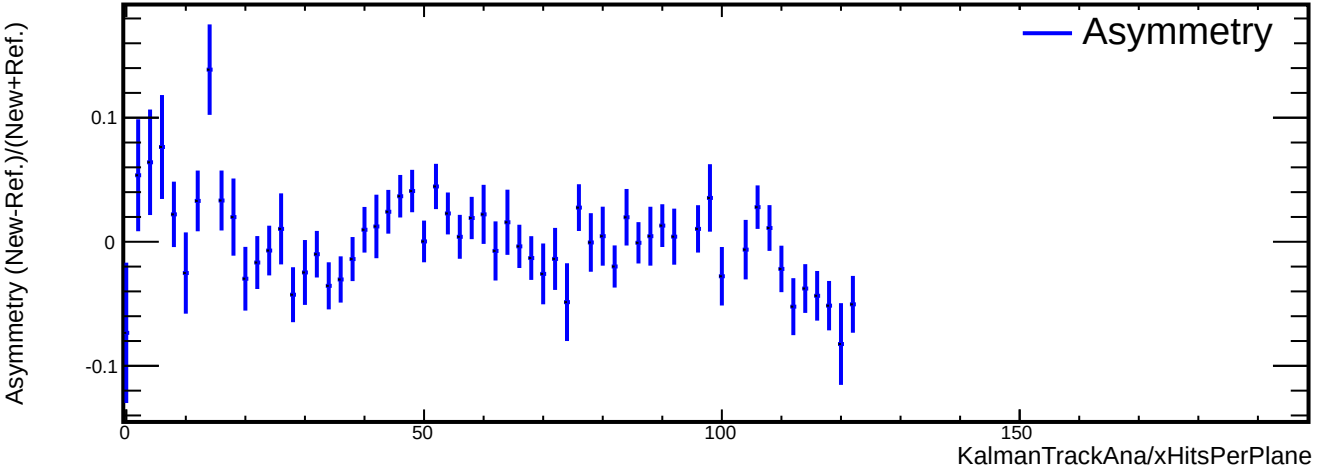

Cos Theta
KS 0.83831, chi2 0.0213698
2012-05-26
2012-05-27
vertexfit/fHistoCosTheta

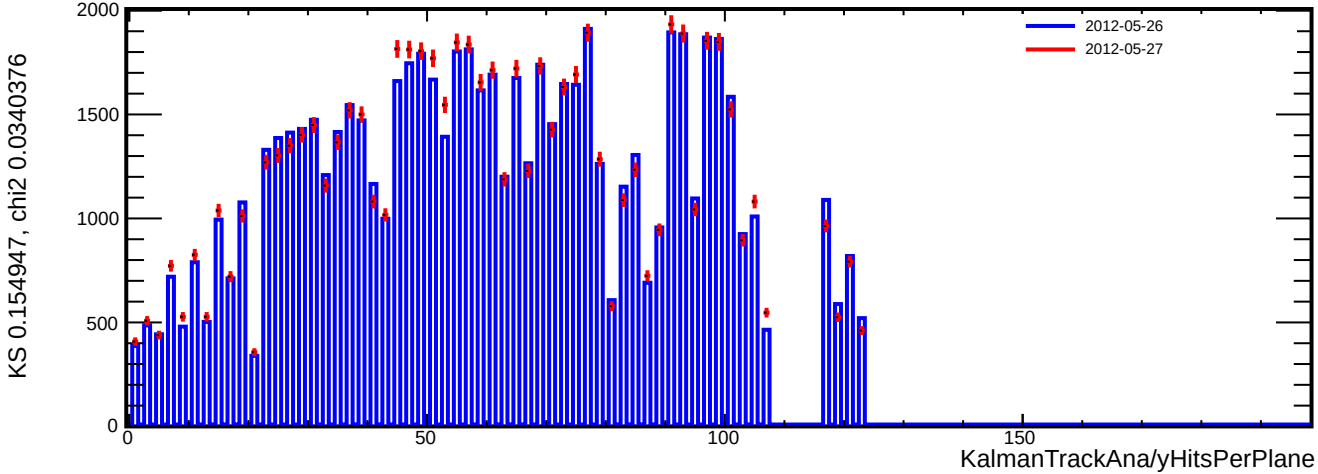

Cos Theta
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
vertexfit/fHistoCosTheta

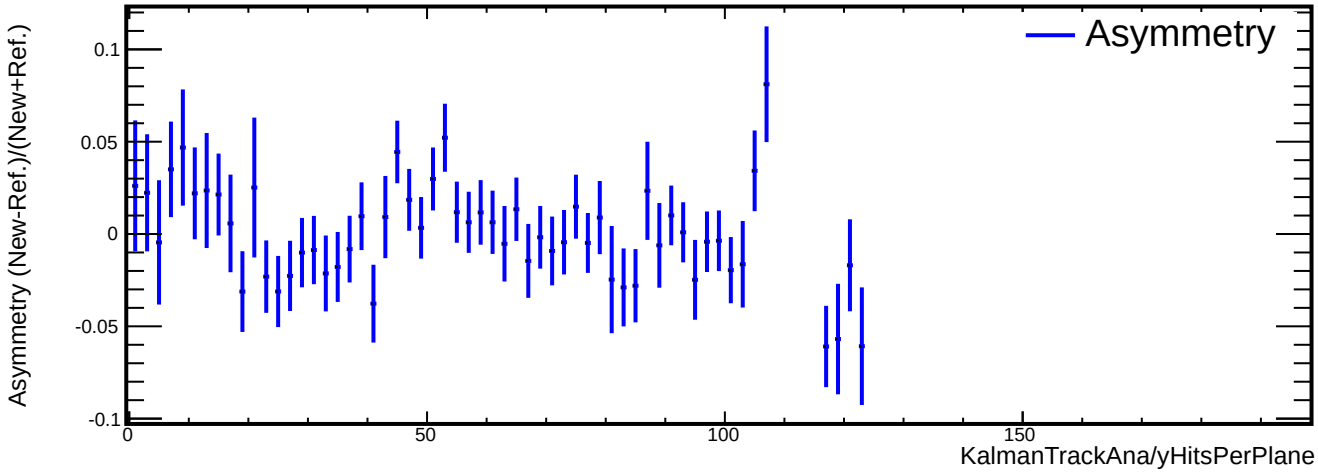

Invarient Mass
KS 0.373311, chi2 0.0353455
2012-05-26
2012-05-27
0
1
2
3
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

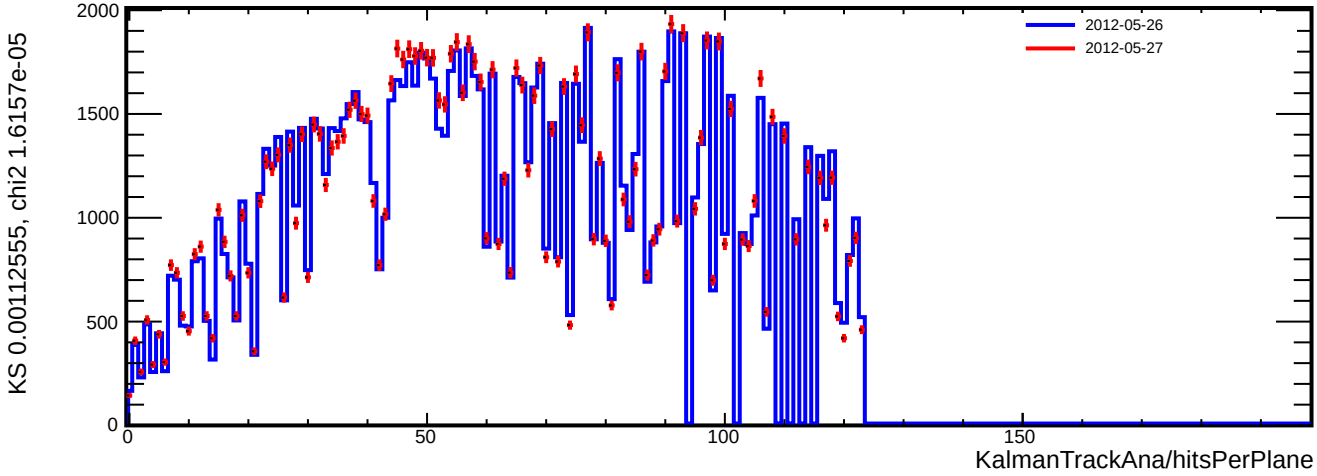

Invarient Mass
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

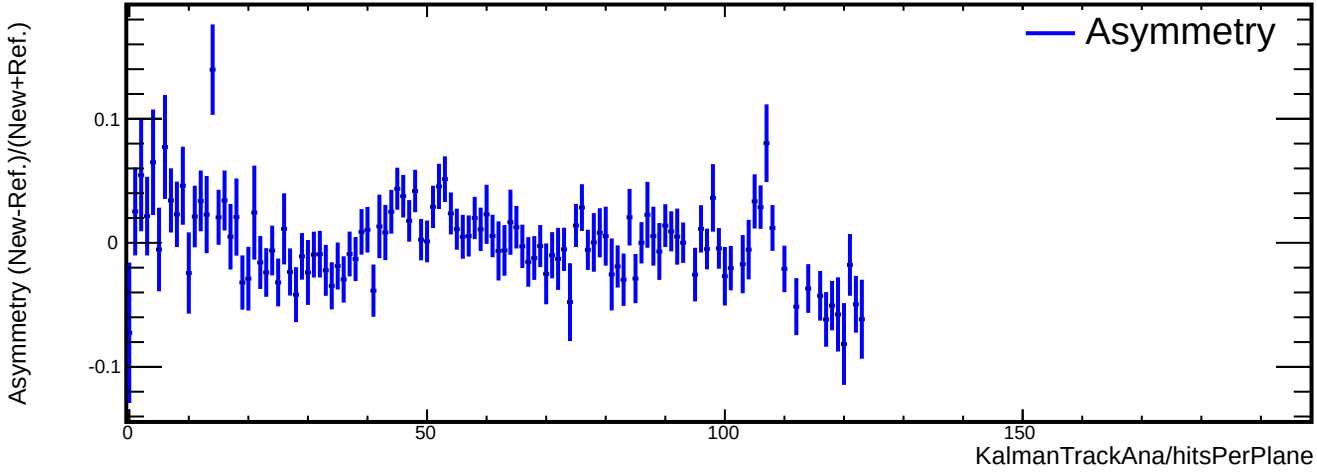

KS 0.0021199, chi2 2.5585e-05
2012-05-26
2012-05-27
0
500
1000
1500
0
50
100
150
KalmanTrackAna/xHitsPerPlane

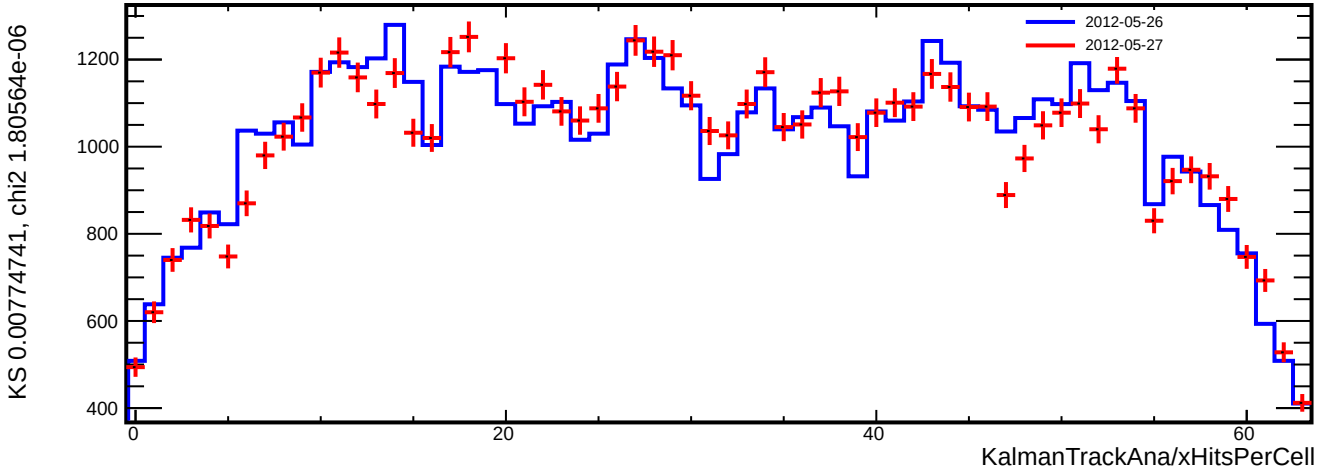

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
0
50
100
150
KalmanTrackAna/xHitsPerPlane

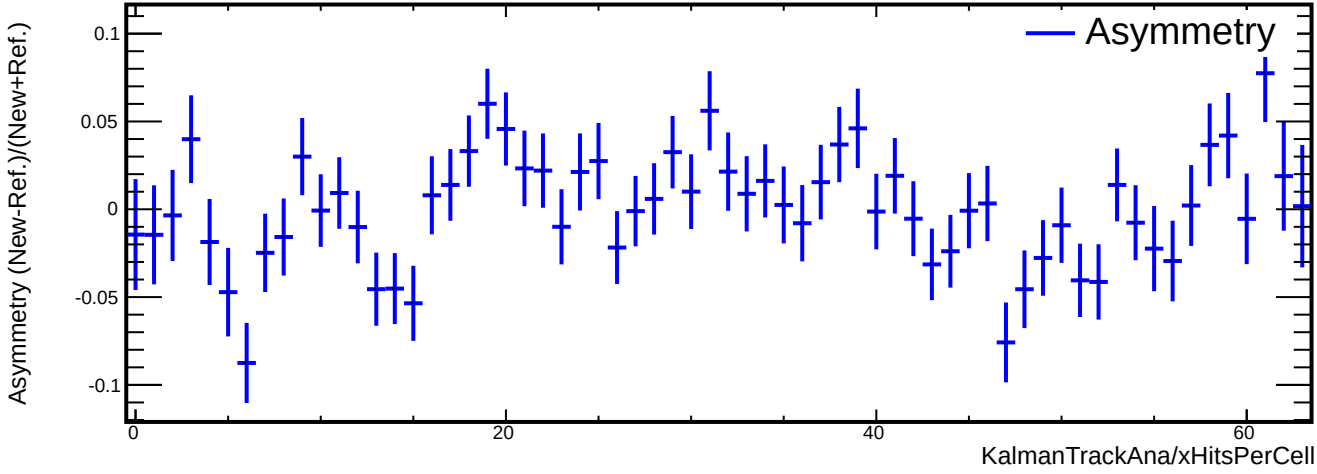

KS 0.154947, chi2 0.0340376
2012-05-26
2012-05-27
KalmanTrackAna/yHitsPerPlane

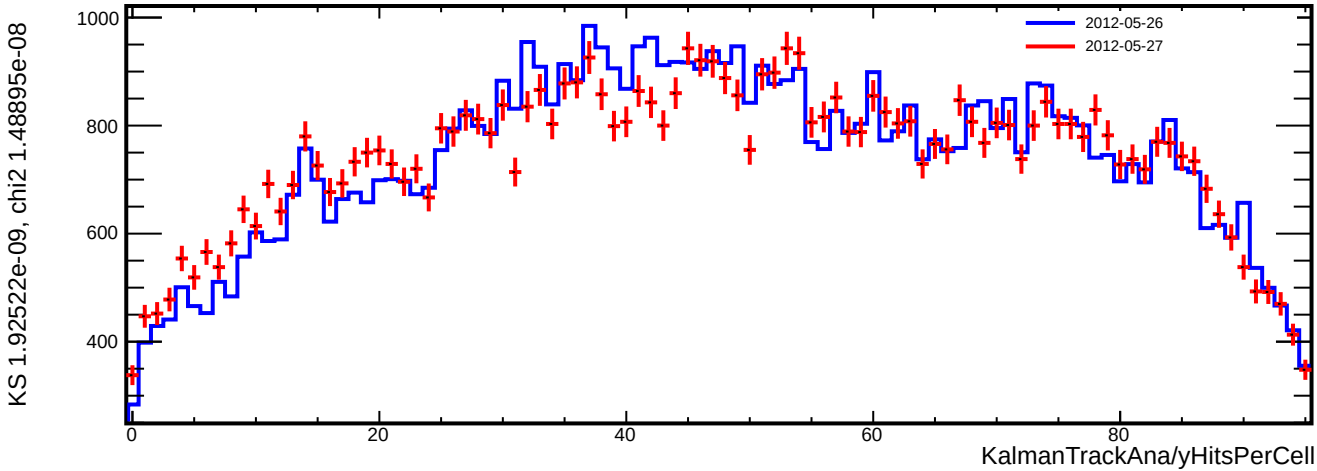

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerPlane

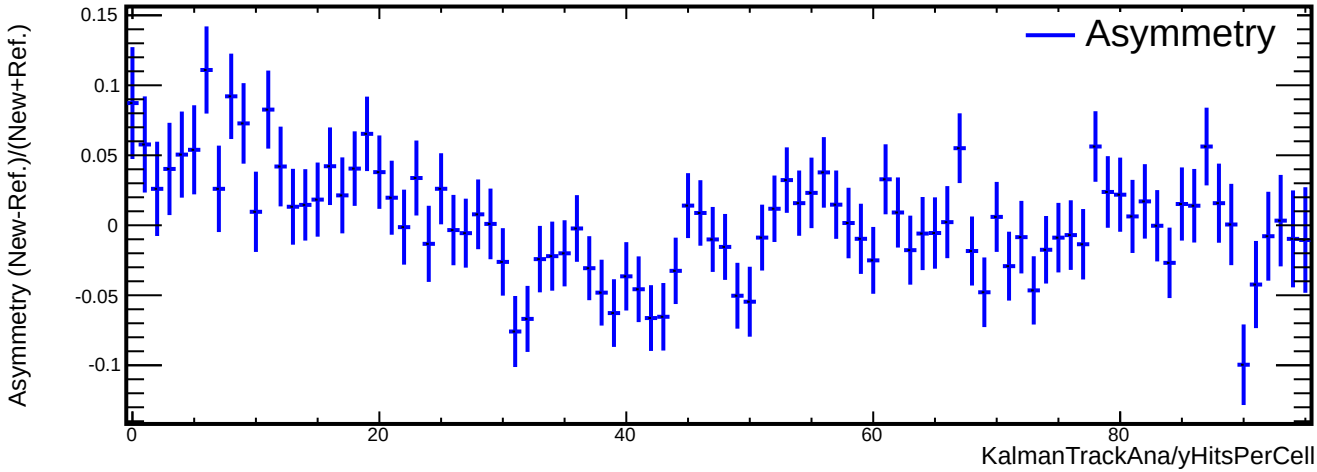

KS 0.00112555, chi2 1.6157e-05
2012-05-26
2012-05-27
KalmanTrackAna/hitsPerPlane

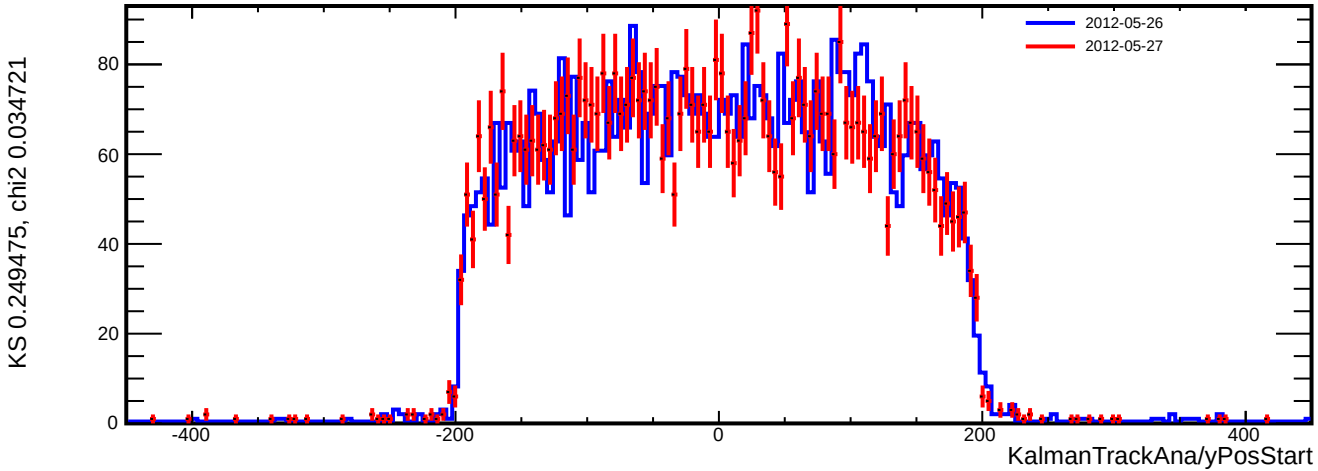

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/hitsPerPlane

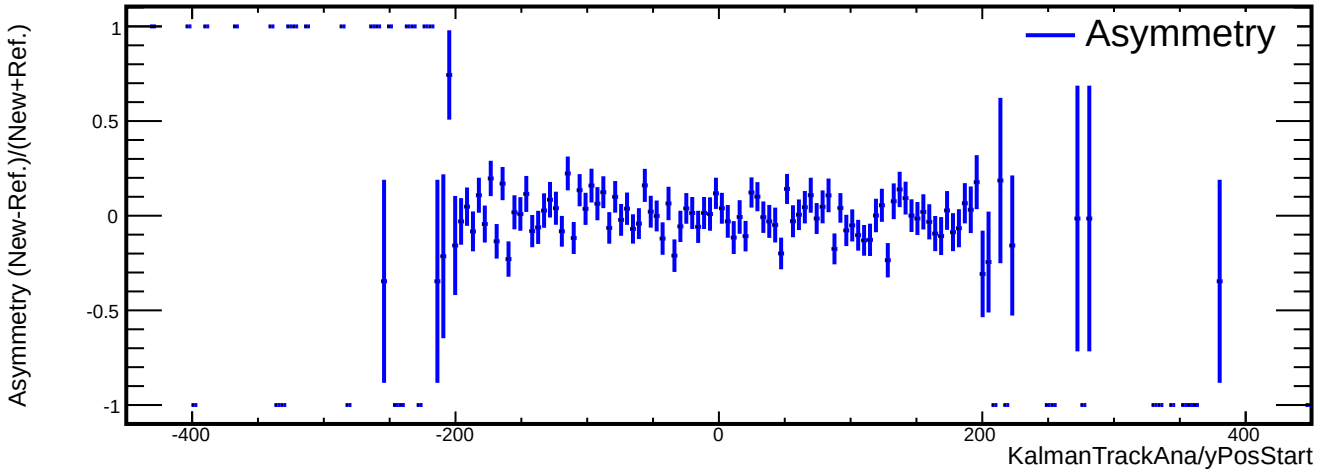

KS 0.00774741, chi2 1.80564e-06
2012-05-26
2012-05-27
1200
1000
800
600
400
0
20
40
60
KalmanTrackAna/xHitsPerCell

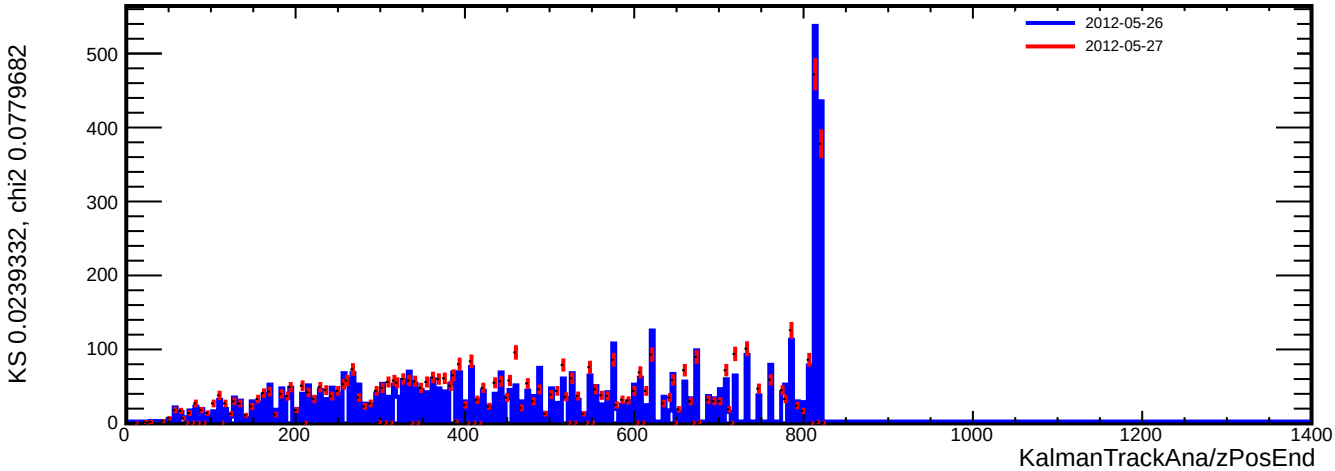

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
-0.1
0
20
40
60
KalmanTrackAna/xHitsPerCell

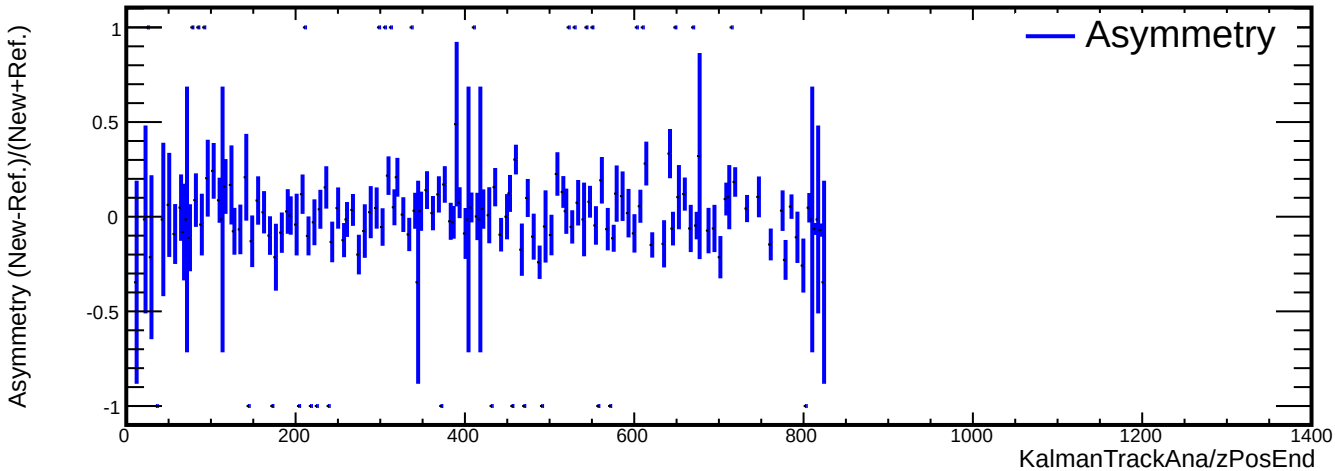

KS 1.92522e-09, chi2 1.48895e-08
1000
800
600
400
0
20
40
60
80
KalmanTrackAna/yHitsPerCell
2012-05-26
2012-05-27

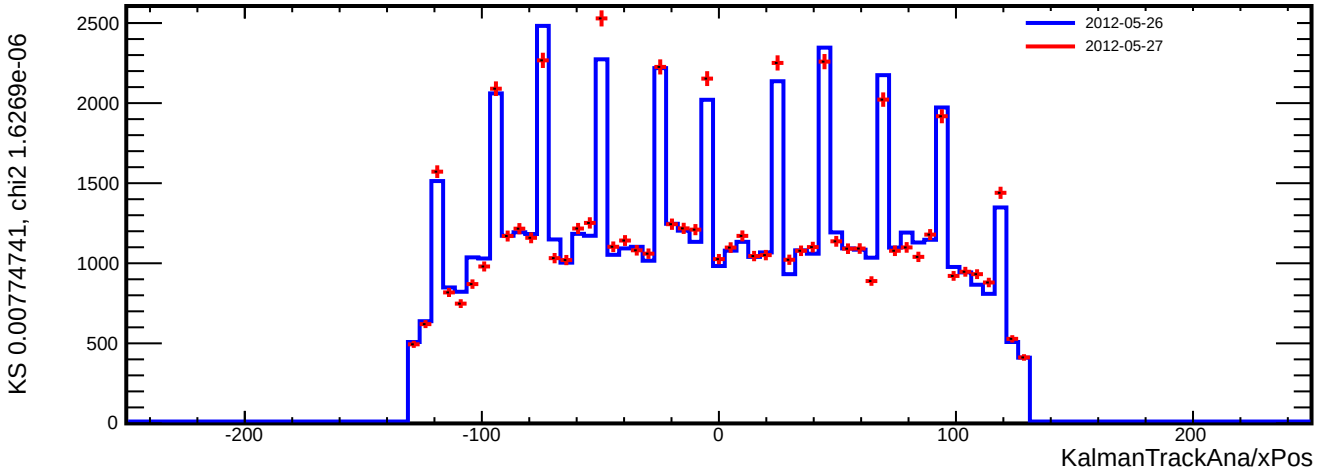

Asymmetry (New-Ref.)/(New+Ref.)
0.15
0.1
0.05
0
-0.05
-0.1
0
20
40
60
80
KalmanTrackAna/yHitsPerCell
Asymmetry

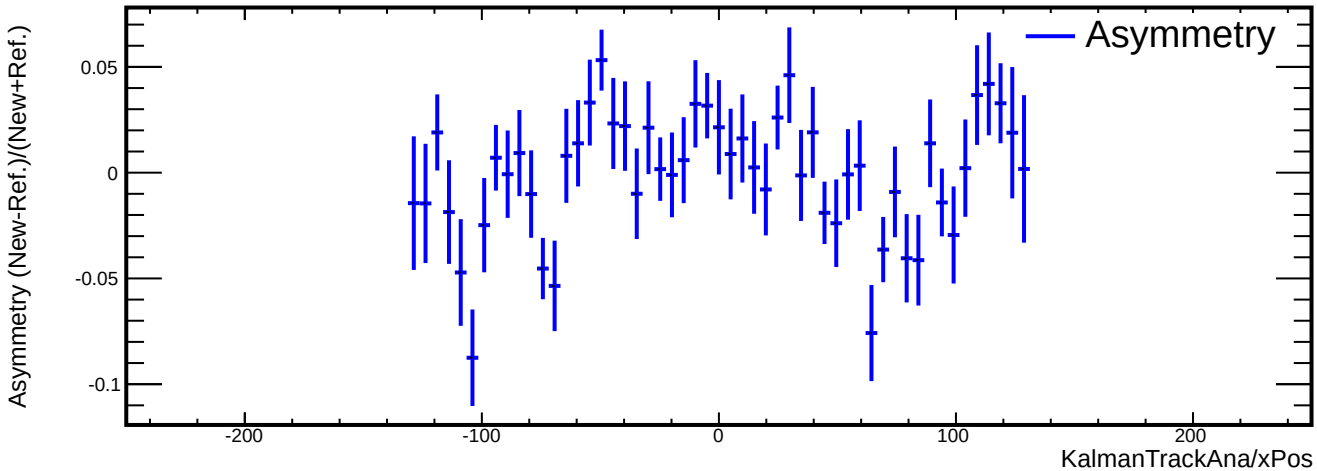

KS 0.249475, chi2 0.034721
2012-05-26
2012-05-27
80
60
40
20
0
-400
-200
0
200
400
KalmanTrackAna/yPosStart

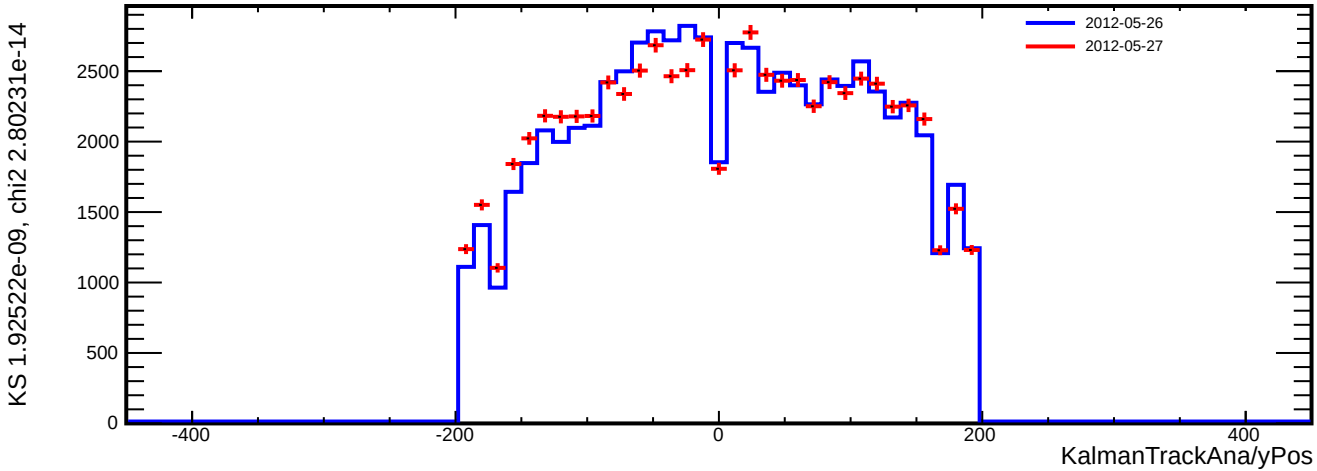

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-400
-200
0
200
400
KalmanTrackAna/yPosStart

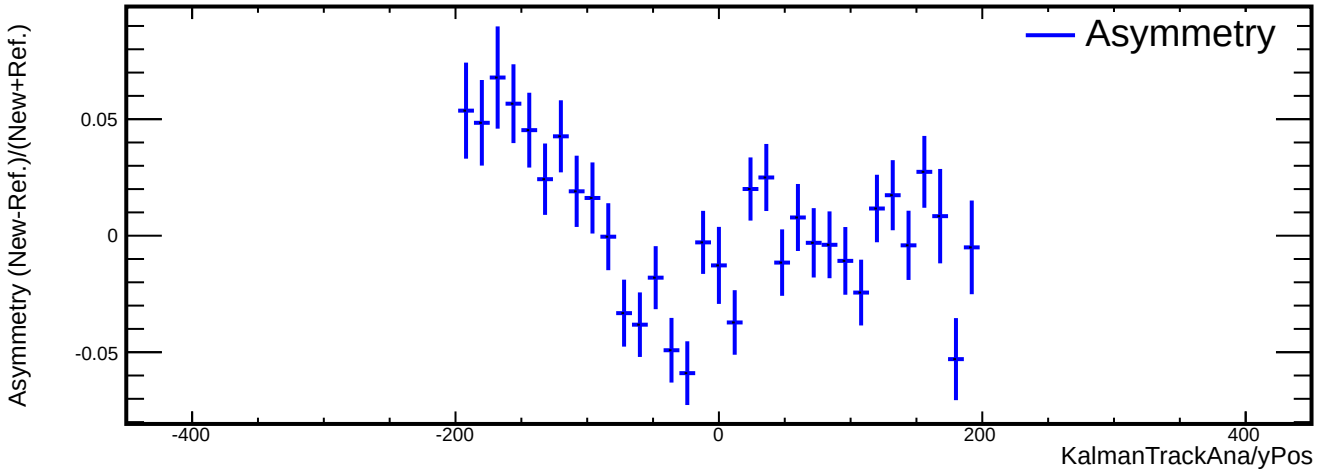

KS 0.0239332, chi2 0.0779682
2012-05-26
2012-05-27
0
100
200
300
400
500
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosEnd

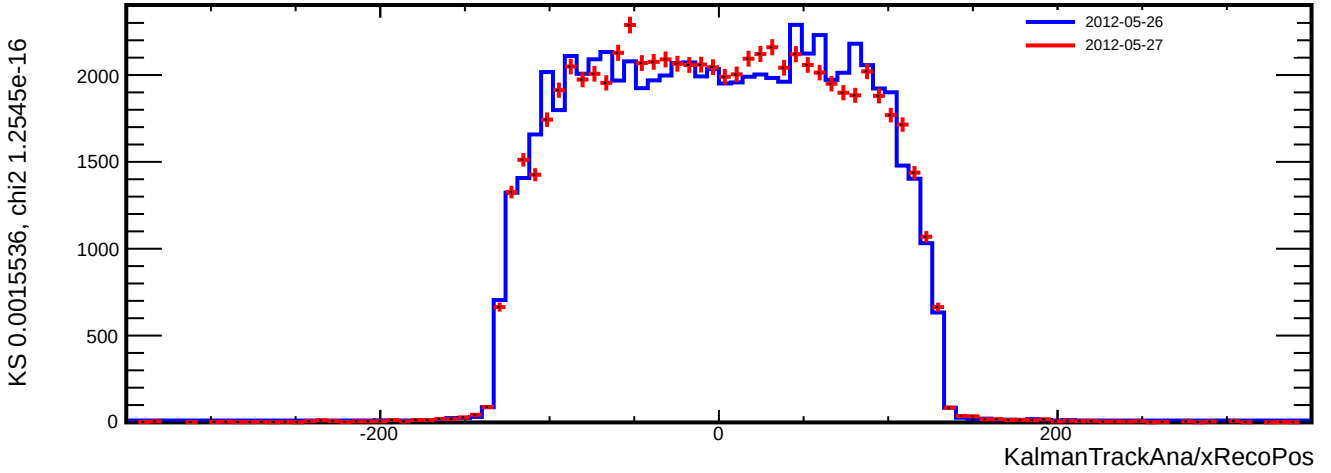

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosEnd

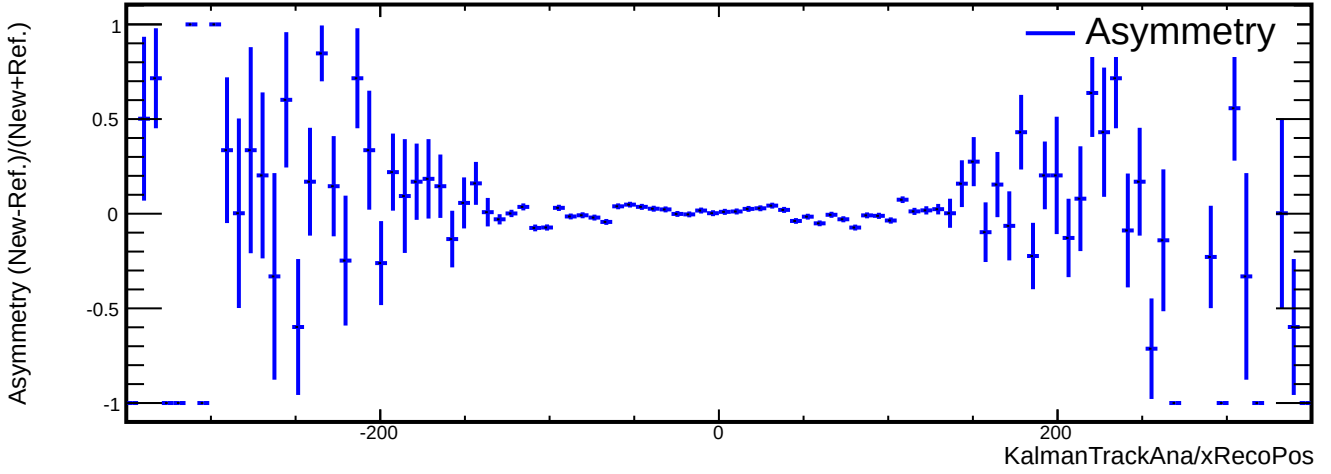

KS 0.00774741, chi2 1.6269e-06
2012-05-26
2012-05-27
KalmanTrackAna/xPos

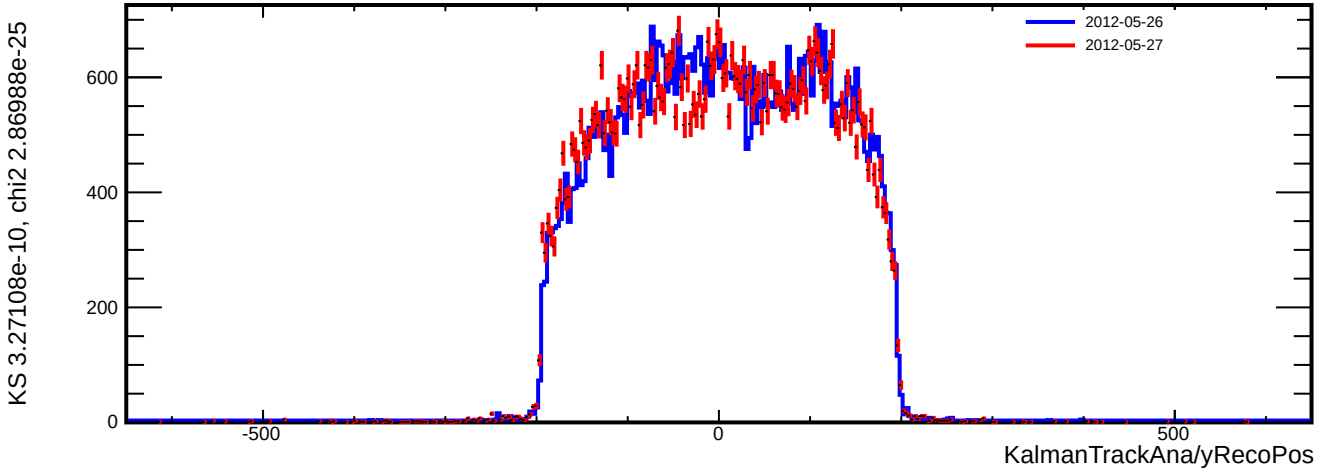

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/xPos

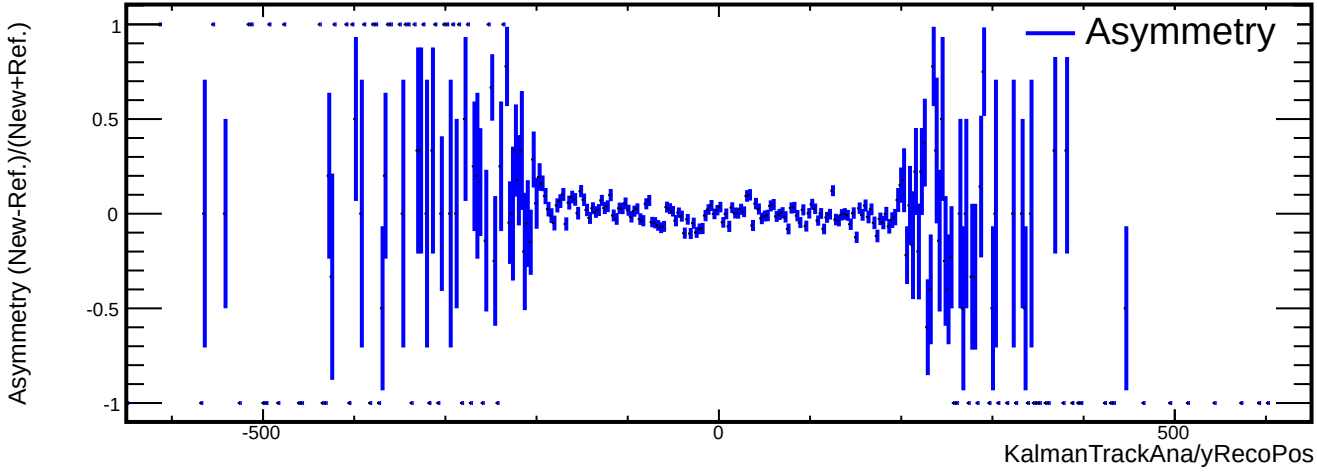

KS 1.92522e-09, chi2 2.80231e-14
2012-05-26
2012-05-27
2500
2000
1500
1000
500
0
-400
-200
0
200
400
KalmanTrackAna/yPos

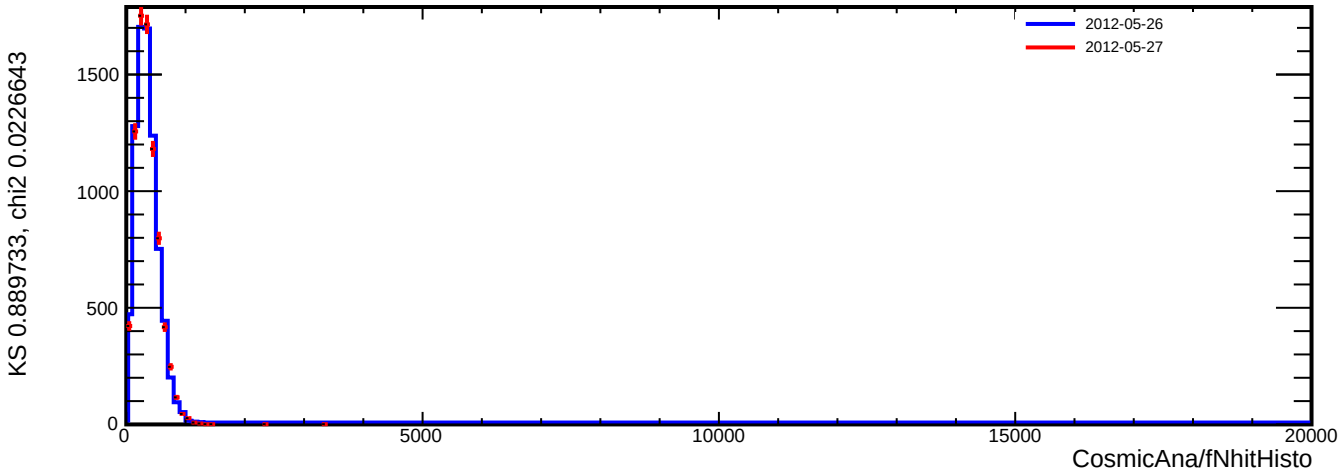

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
-400
-200
0
200
400
KalmanTrackAna/yPos

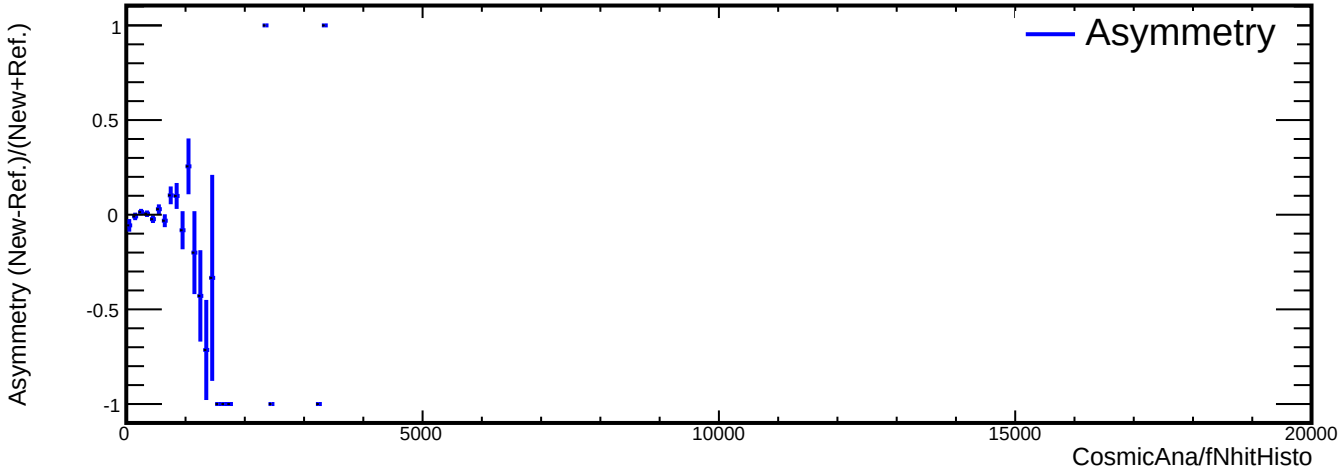

KS 0.0015536, chi2 1.2545e-16
2012-05-26
2012-05-27
2000
1500
1000
500
0
-200
0
200
KalmanTrackAna/xRecoPos

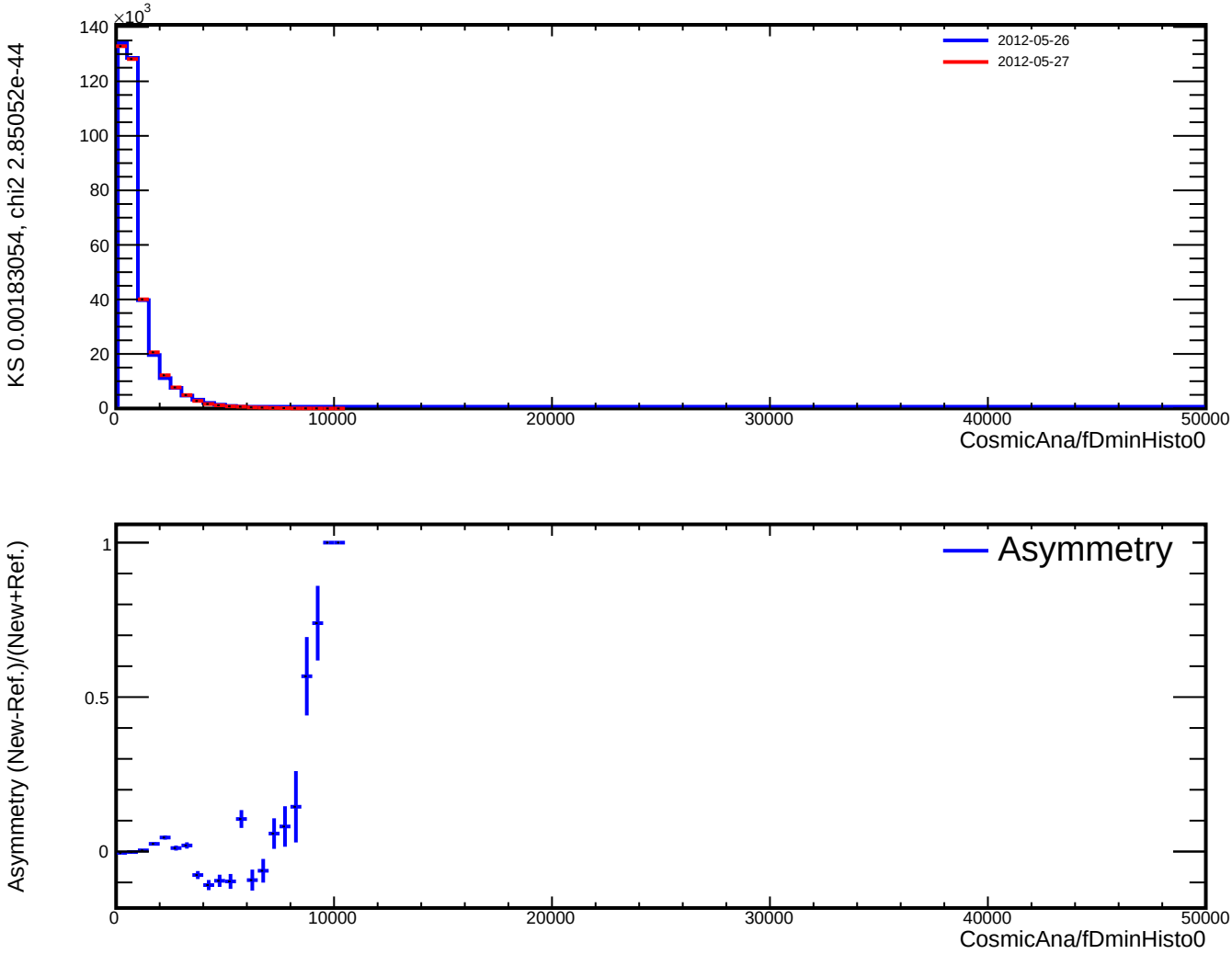

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
0
200
KalmanTrackAna/xRecoPos

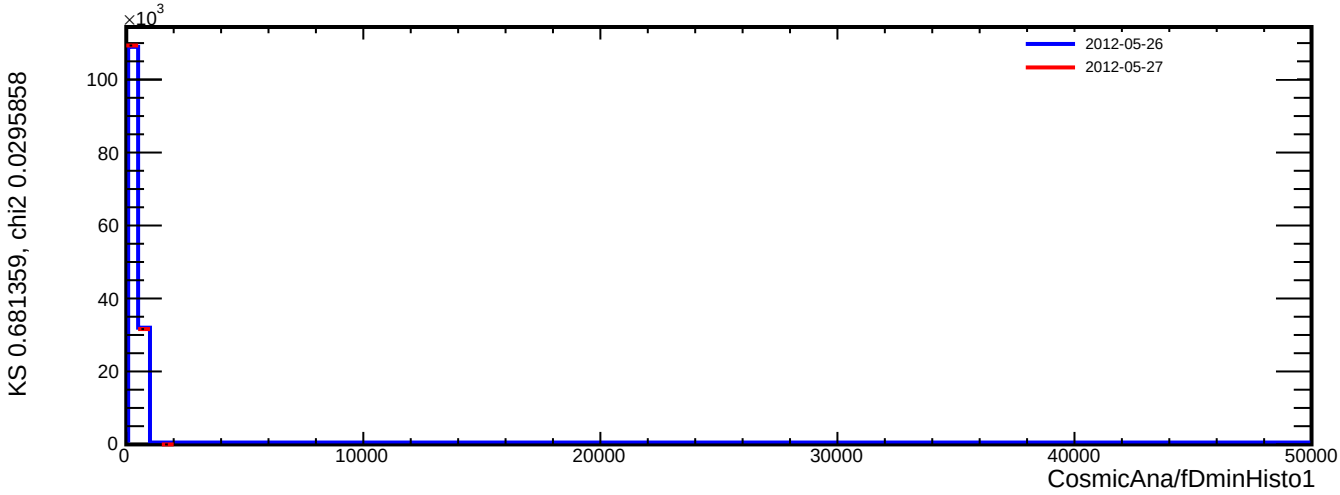

KS 3.27108e-10, chi2 2.86988e-25
2012-05-26
2012-05-27
600
400
200
0
-500
0
500
KalmanTrackAna/yRecoPos

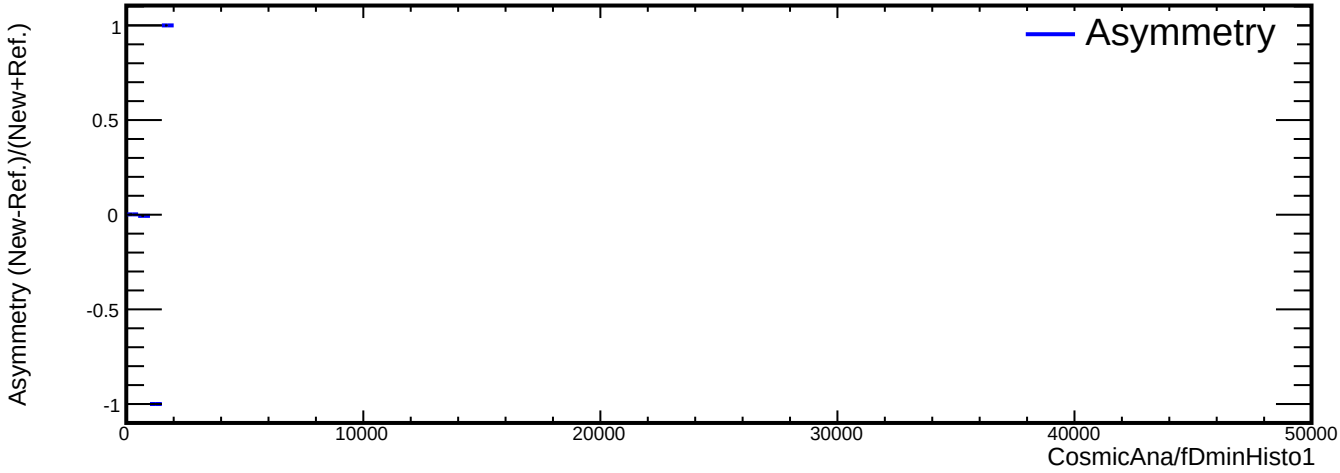

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-500
0
500
KalmanTrackAna/yRecoPos

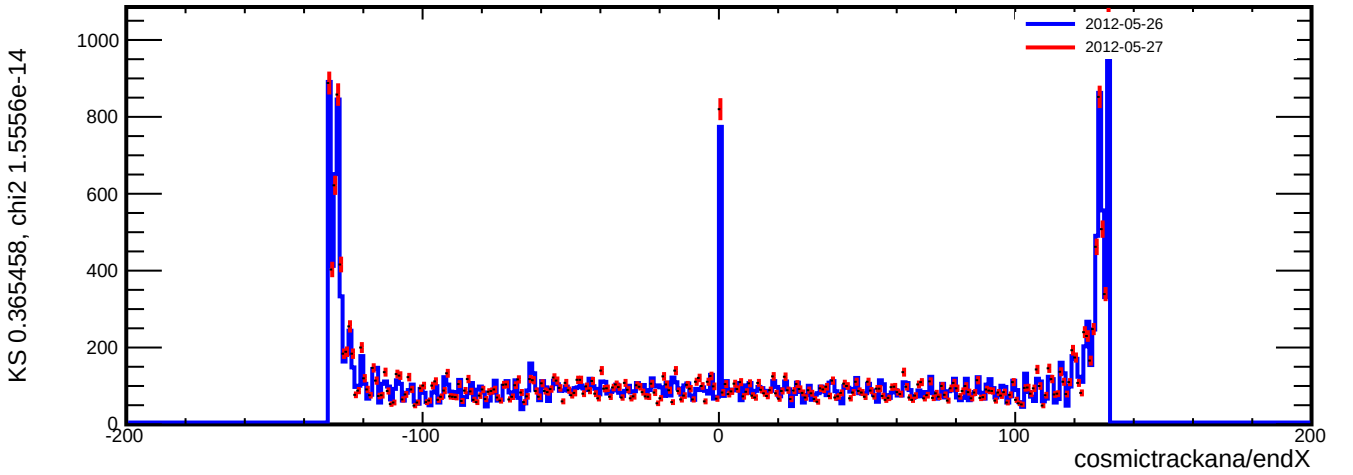

KS 0.889733, chi2 0.0226643
2012-05-26
2012-05-27
1500
1000
500
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

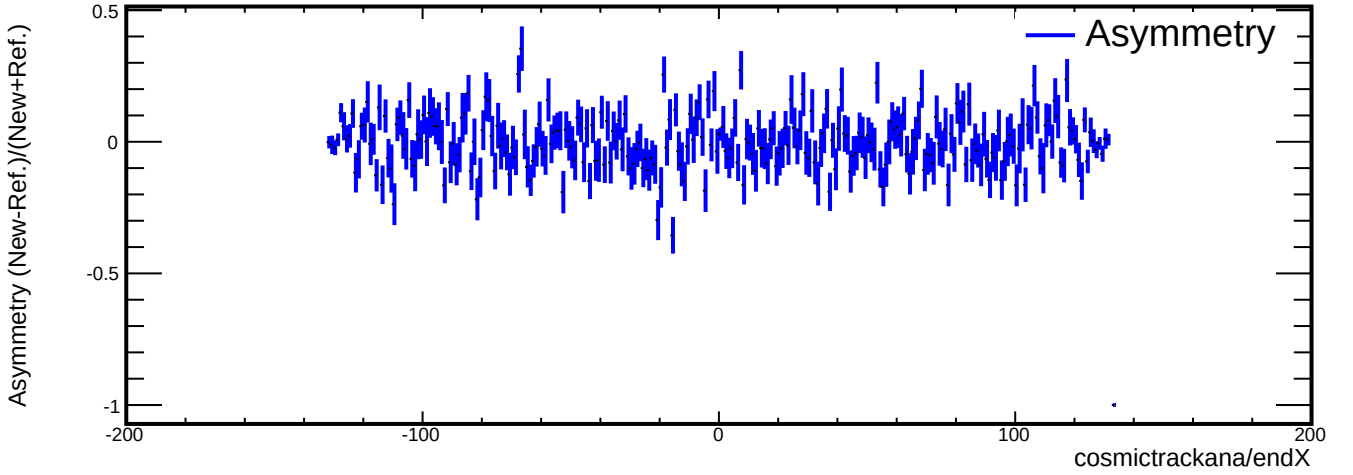

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

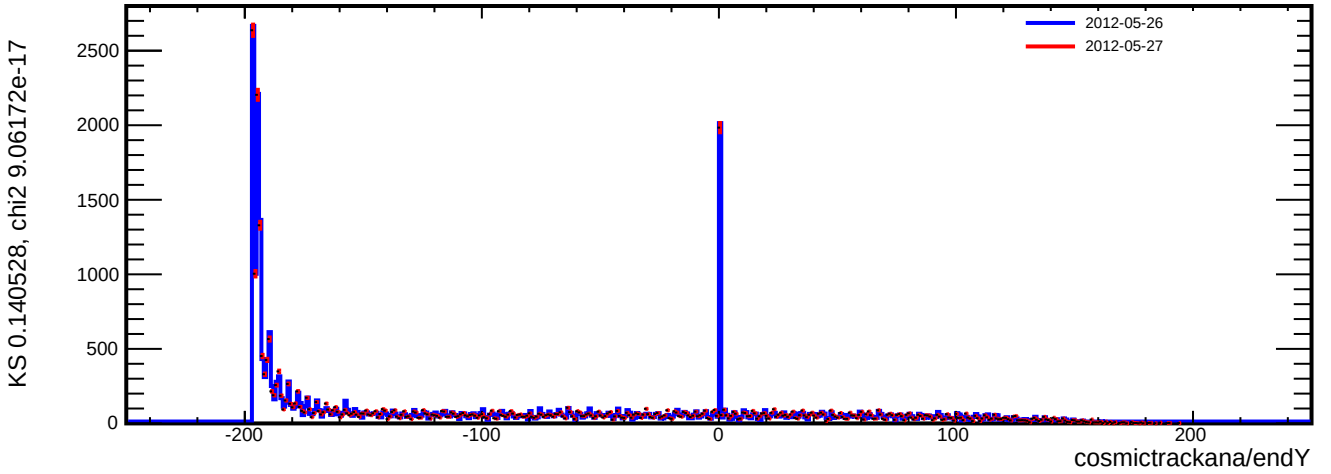

KS 0.00183054, chi2 2.85052e-44
×10^3
140
120
100
80
60
40
20
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
2012-05-26
2012-05-27
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
Asymmetry

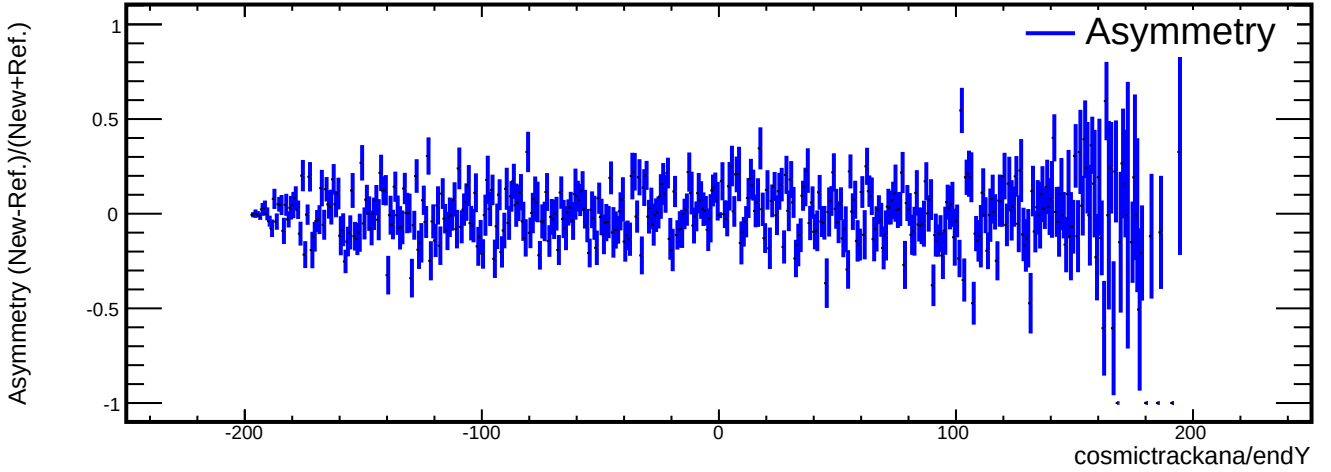

×10^3
100
80
60
40
20
0
0
10000
20000
30000
40000
50000
2012-05-26
2012-05-27
KS 0.681359, chi2 0.0295858
CosmicAna/fDminHisto1

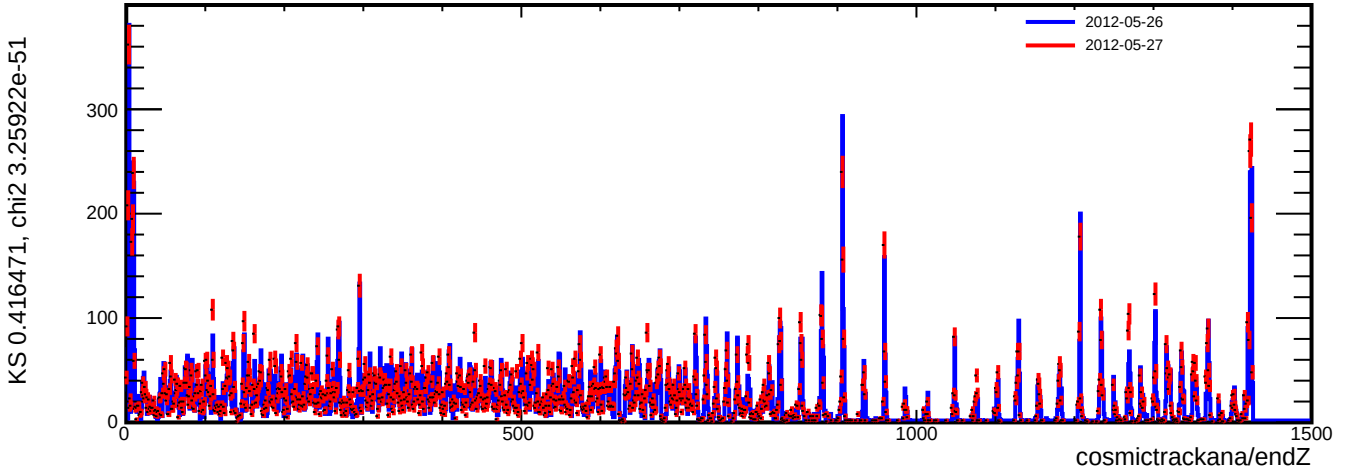

1
0.5
0
-0.5
-1
0
10000
20000
30000
40000
50000
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
CosmicAna/fDminHisto1

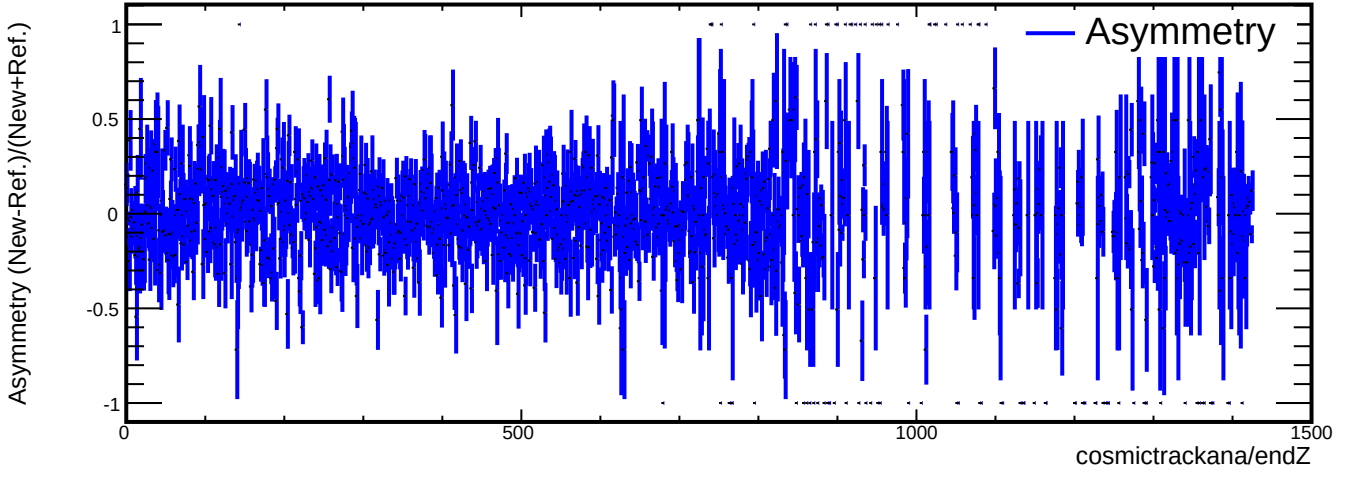

KS 0.365458, chi2 1.5556e-14
2012-05-26
2012-05-27
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX

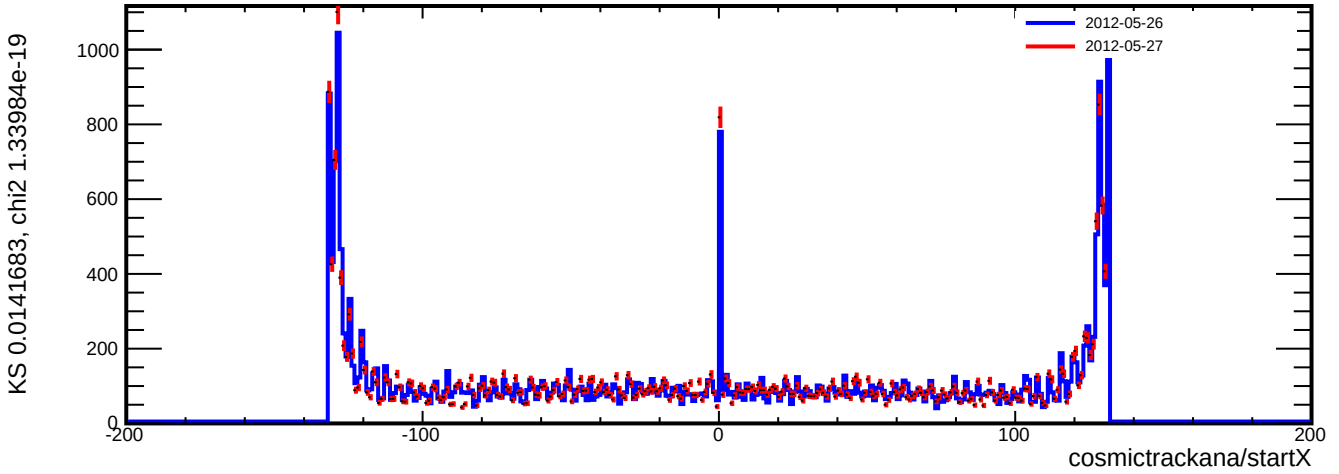

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endX

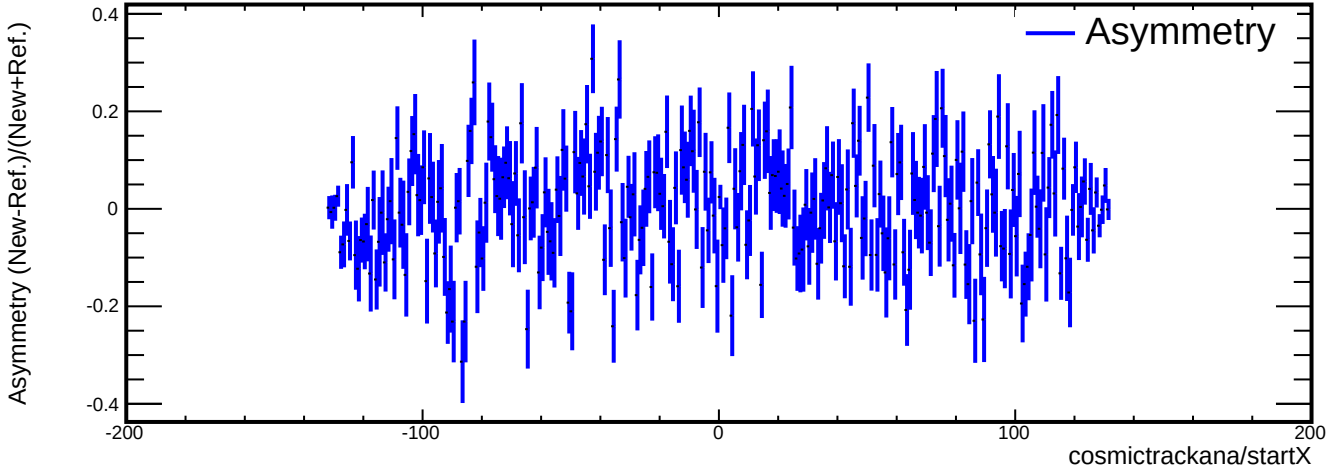

KS 0.140528, chi2 9.06172e-17
2012-05-26
2012-05-27
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

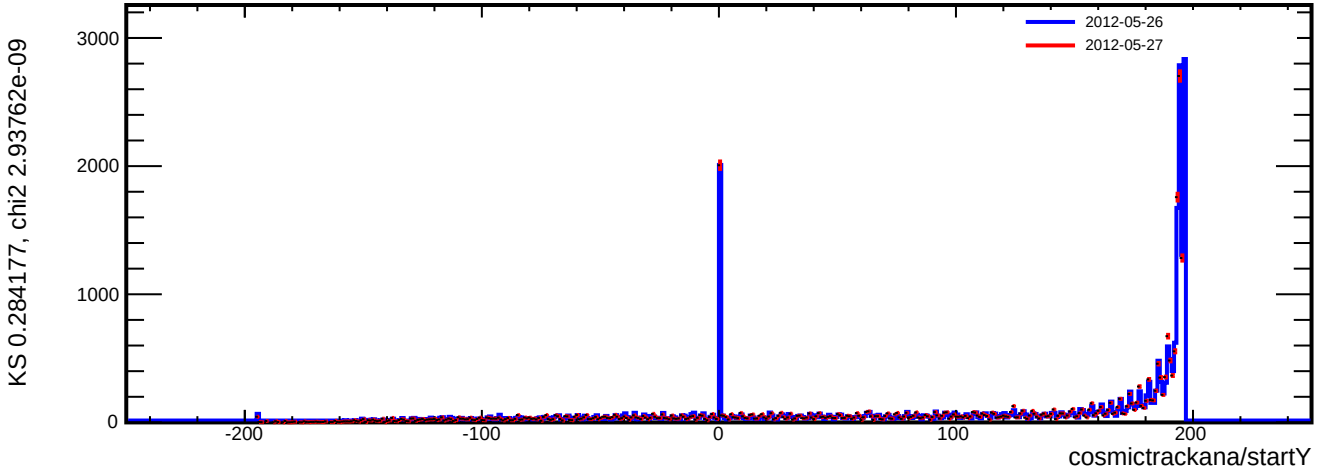

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

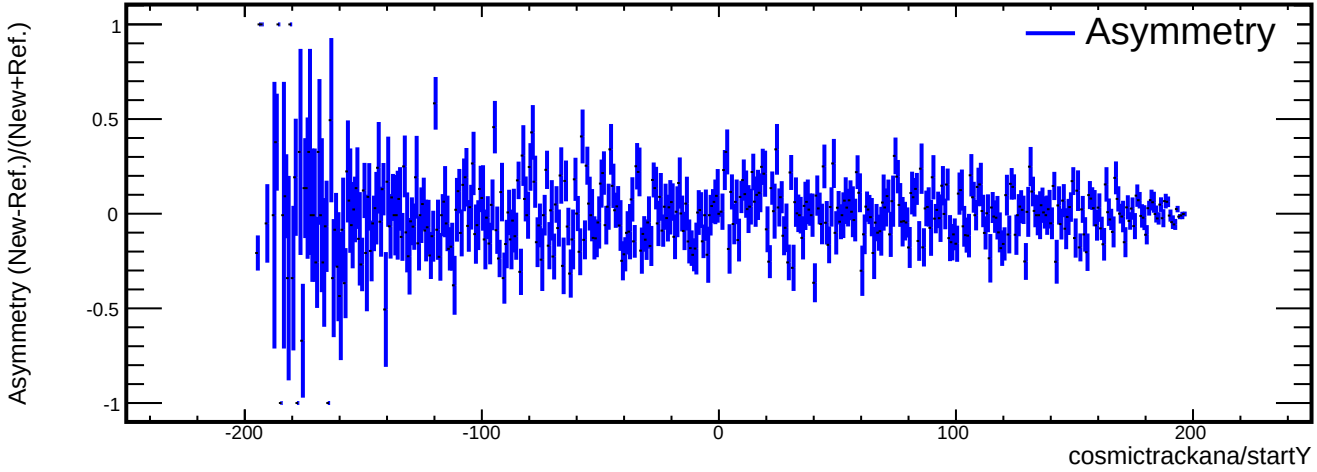

KS 0.416471, chi2 3.25922e-51
2012-05-26
2012-05-27
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

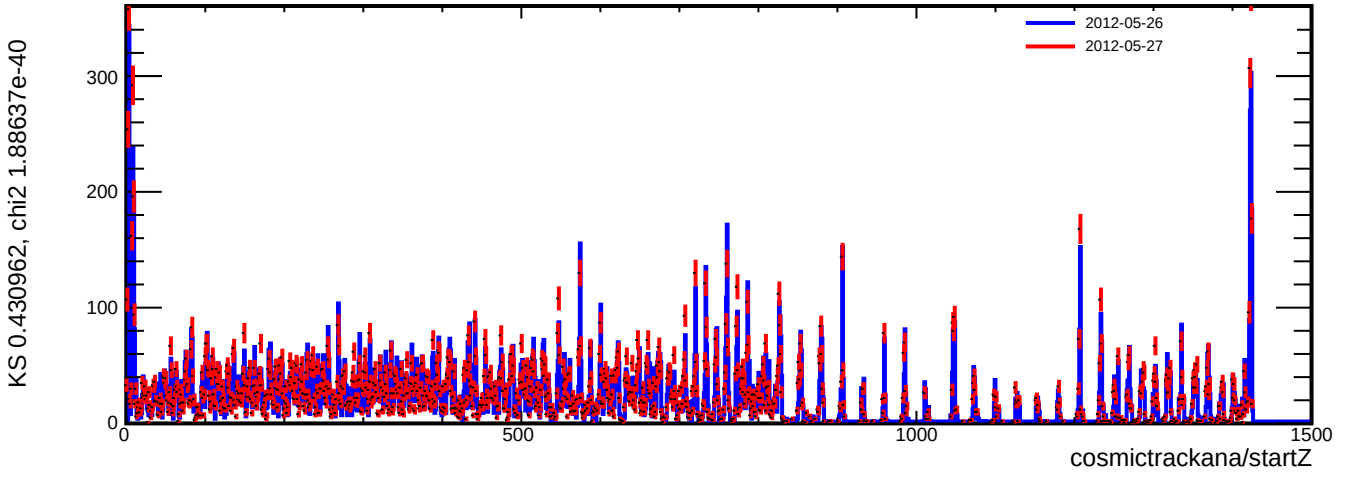

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

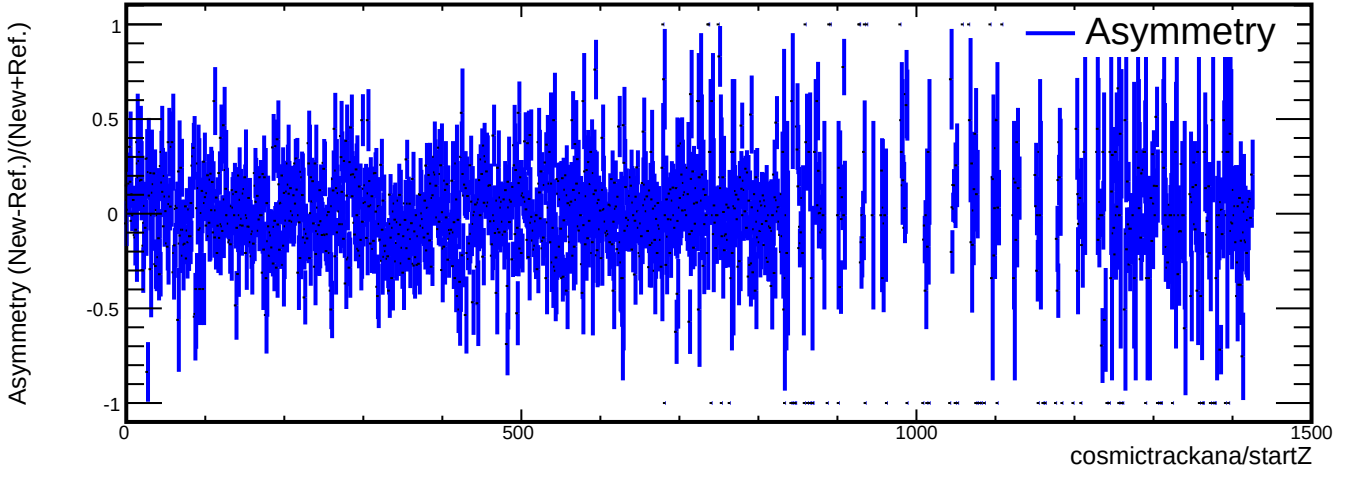

KS 0.0141683, chi2 1.33984e-19
2012-05-26
2012-05-27
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

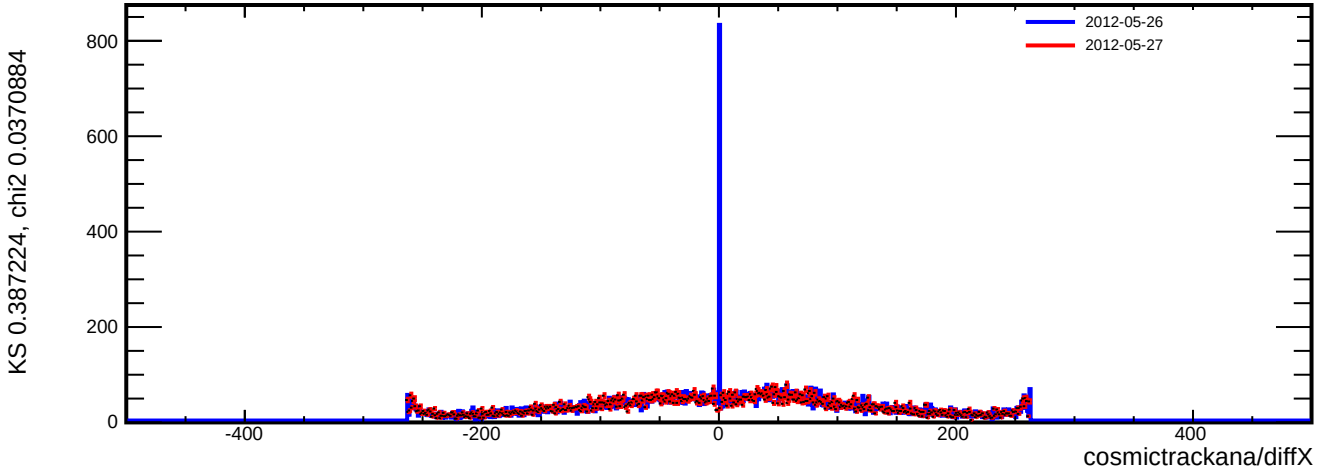

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.4
0.2
0
-0.2
-0.4
-200
-100
0
100
200
cosmictrackana/startX

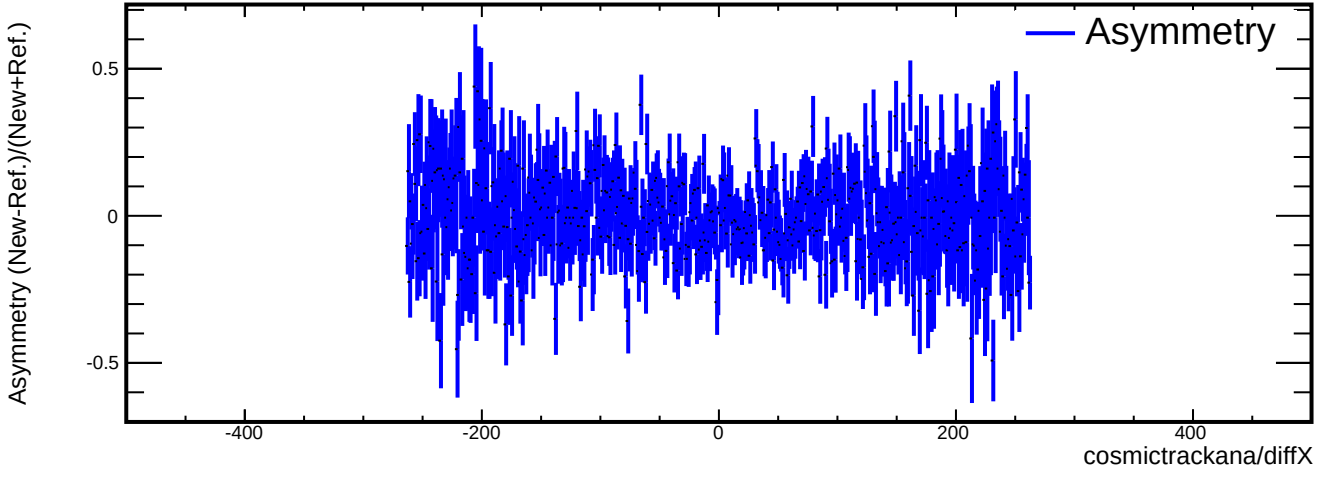

KS 0.284177, chi2 2.93762e-09
2012-05-26
2012-05-27
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

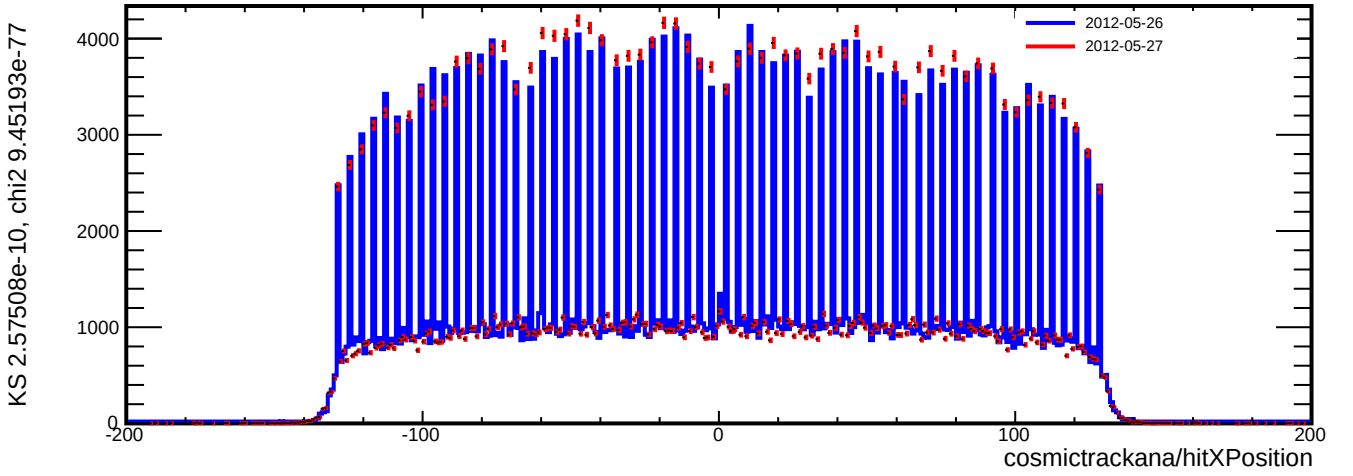

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY

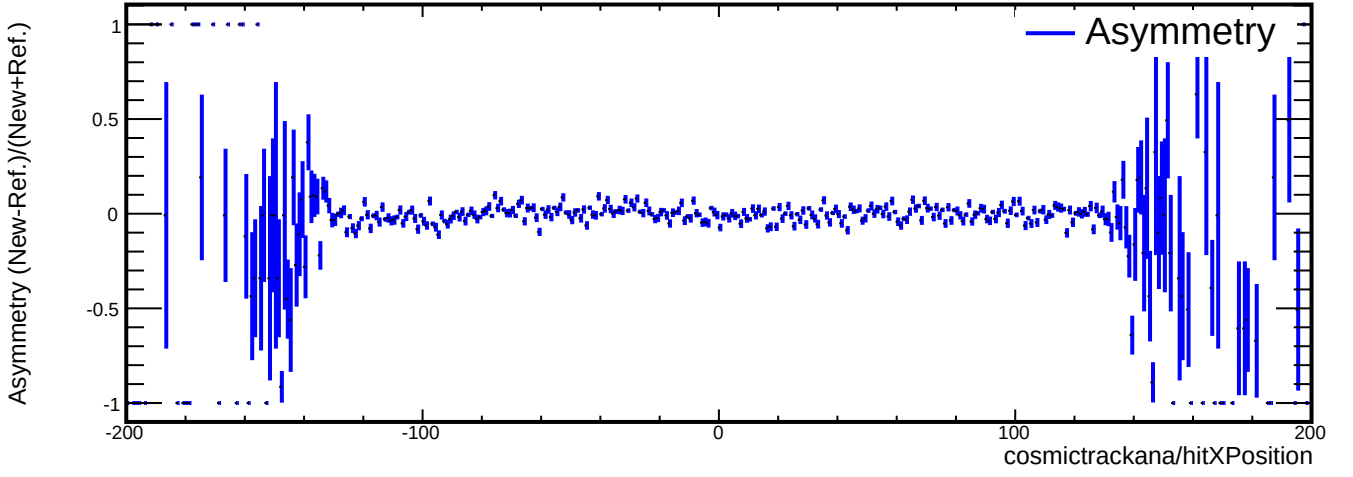

KS 0.430962, chi2 1.88637e-40
2012-05-26
2012-05-27
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

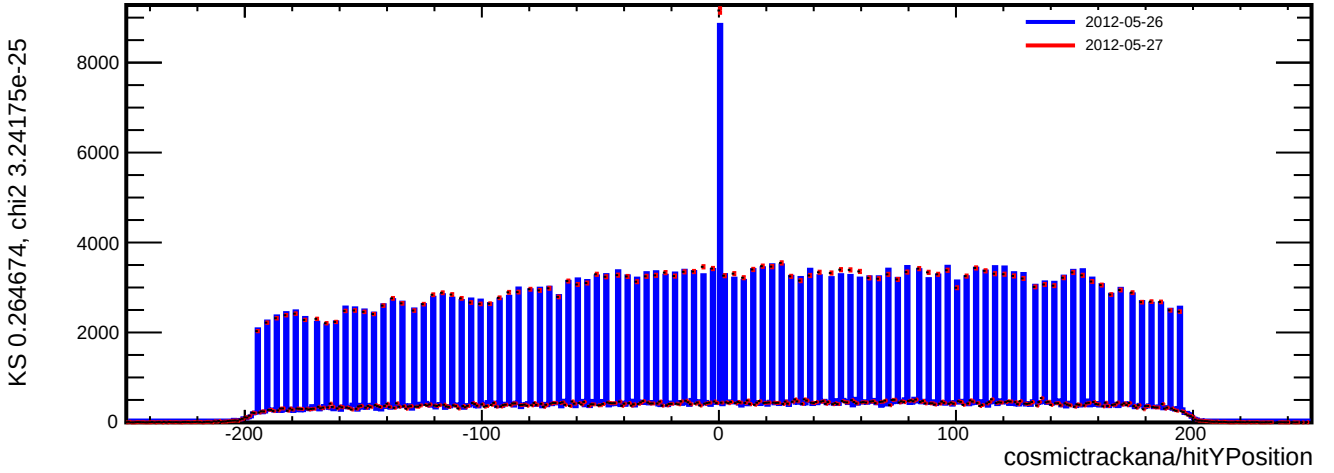

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ

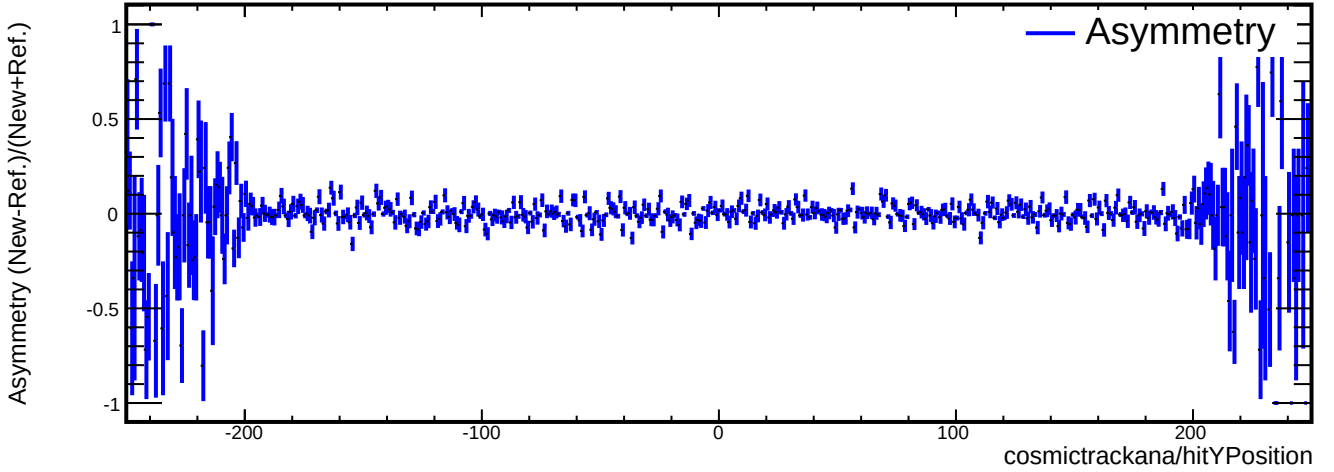

KS 0.387224, chi2 0.0370884
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX
2012-05-26
2012-05-27

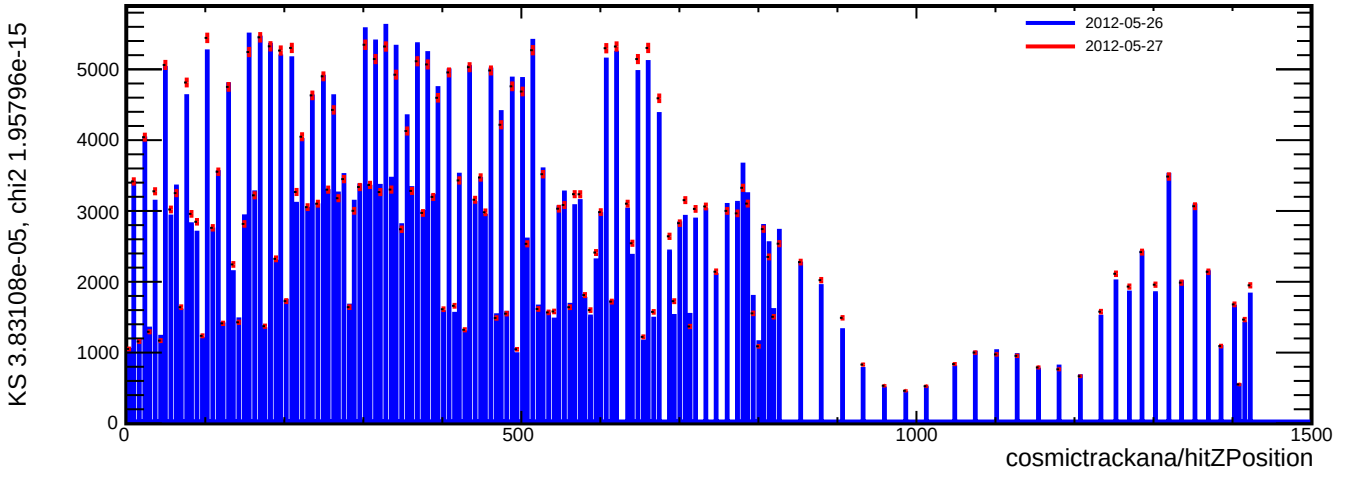

Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffX
Asymmetry

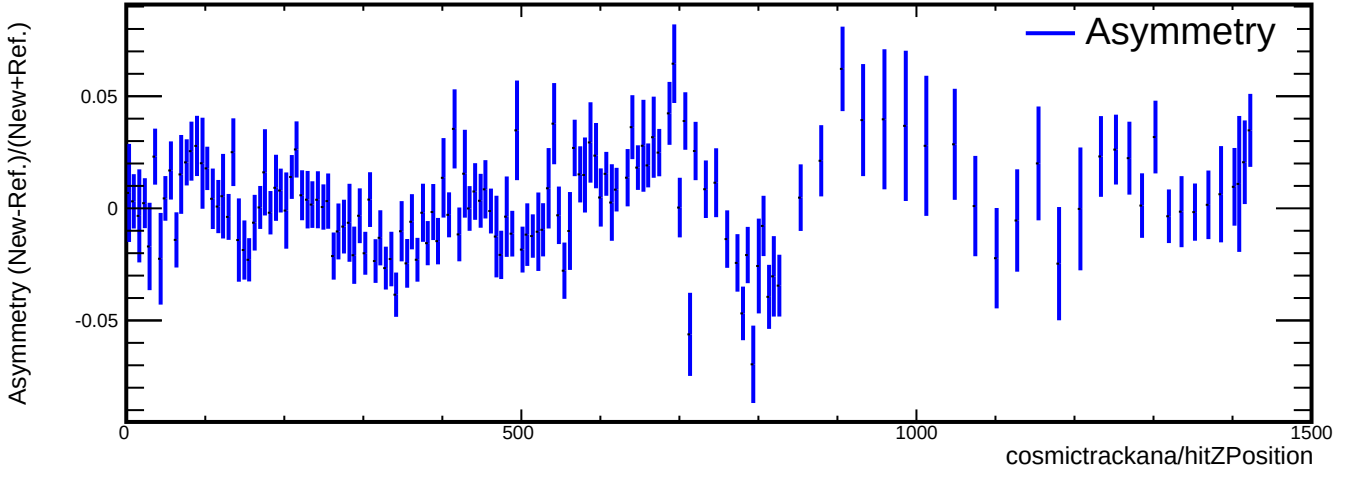

KS 2.57508e-10, chi2 9.45193e-77
2012-05-26
2012-05-27
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

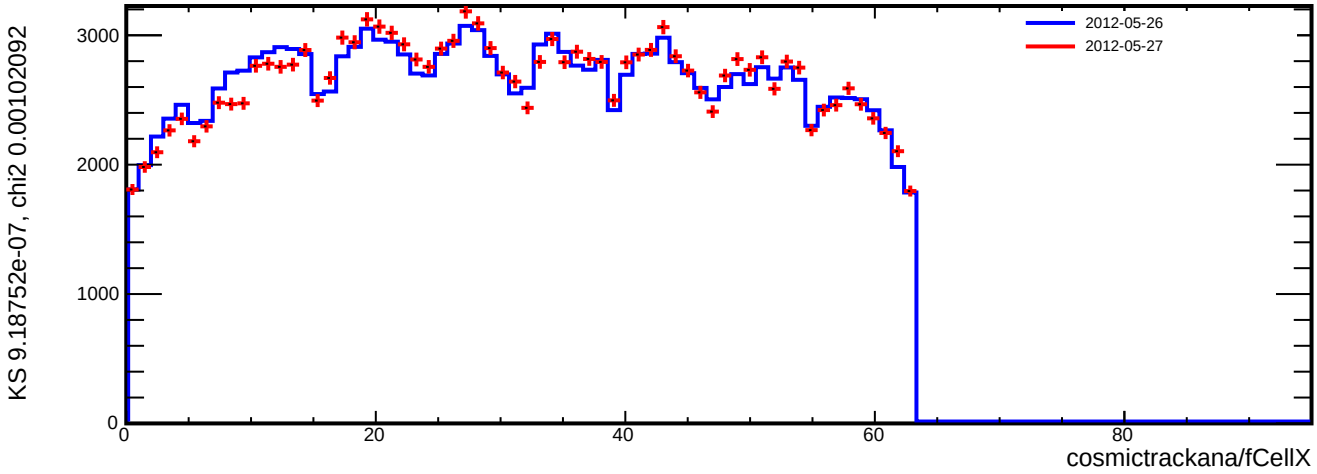

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

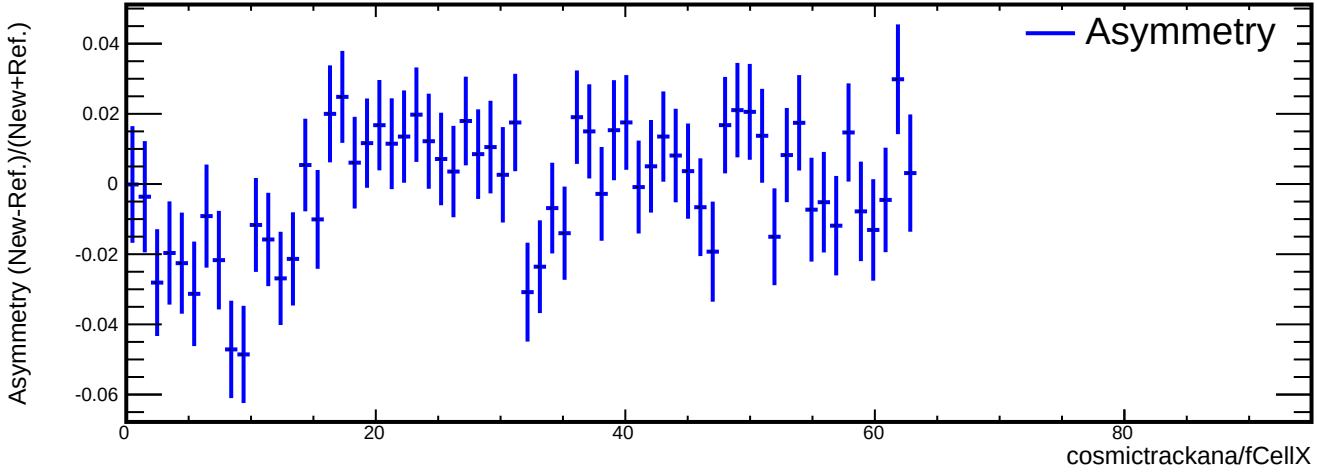

KS 0.264674, chi2 3.24175e-25
2012-05-26
2012-05-27
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition

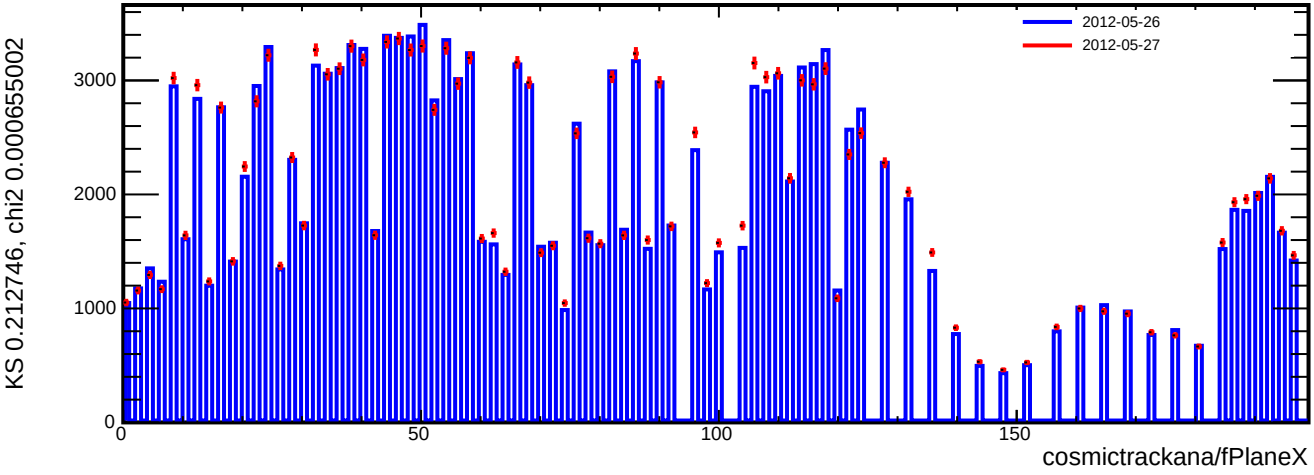

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition

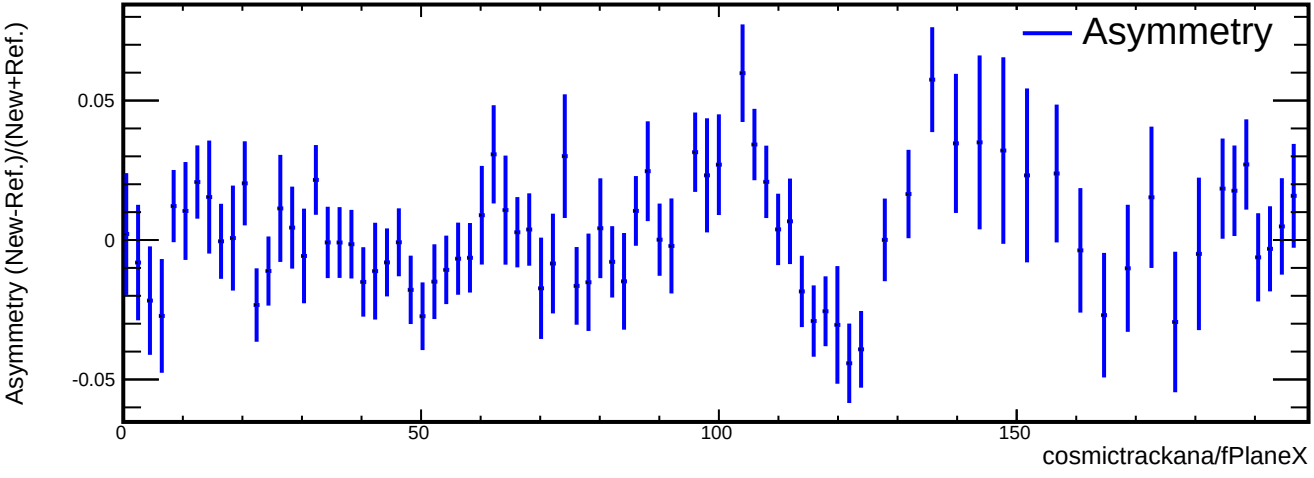

KS 3.83108e-05, chi2 1.95796e-15
2012-05-26
2012-05-27
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

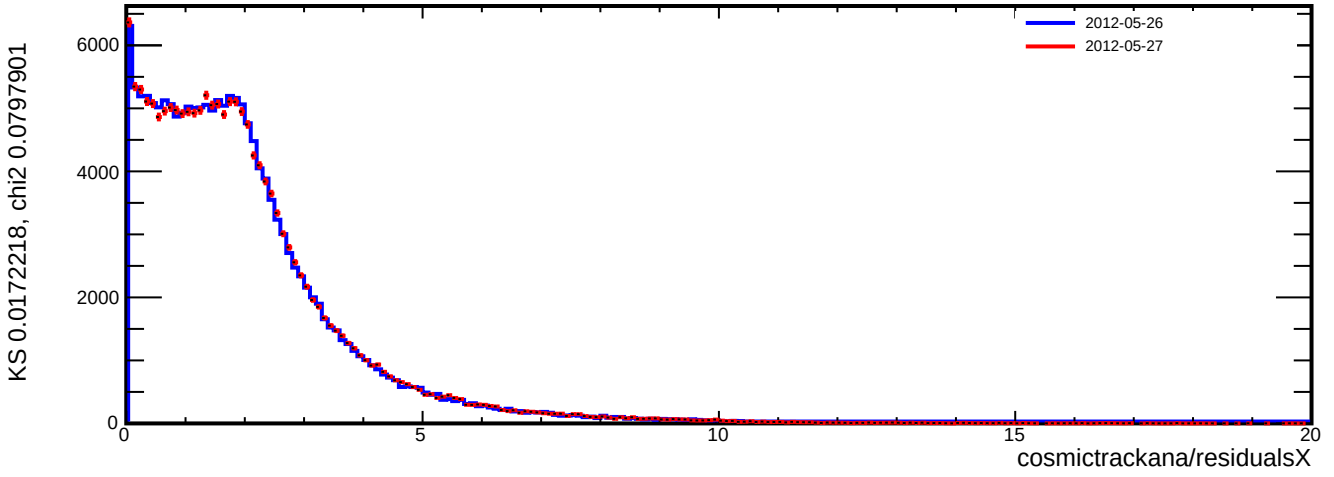

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
500
1000
1500
cosmictrackana/hitZPosition

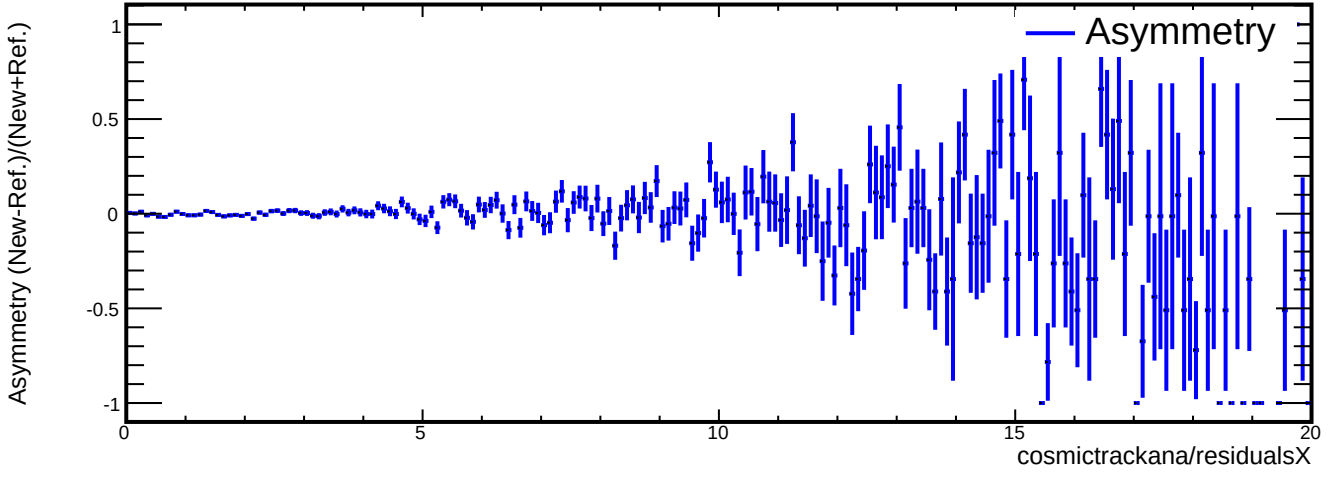

KS 9.18752e-07, chi2 0.00102092
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX
2012-05-26
2012-05-27

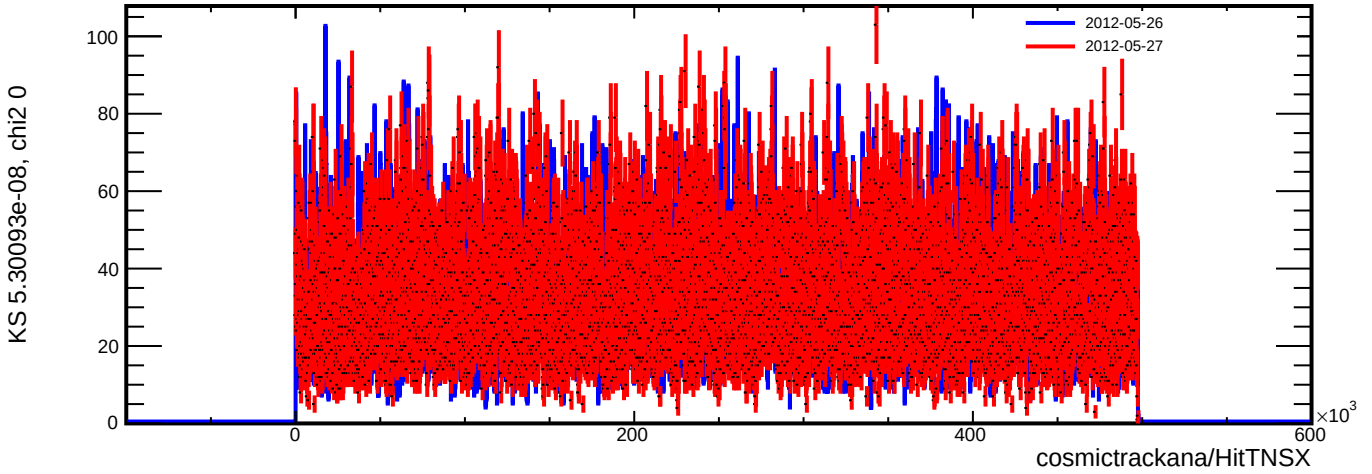

Asymmetry (New-Ref.)/(New+Ref.)
0.04
0.02
0
-0.02
-0.04
-0.06
0
20
40
60
80
cosmictrackana/fCellX
Asymmetry

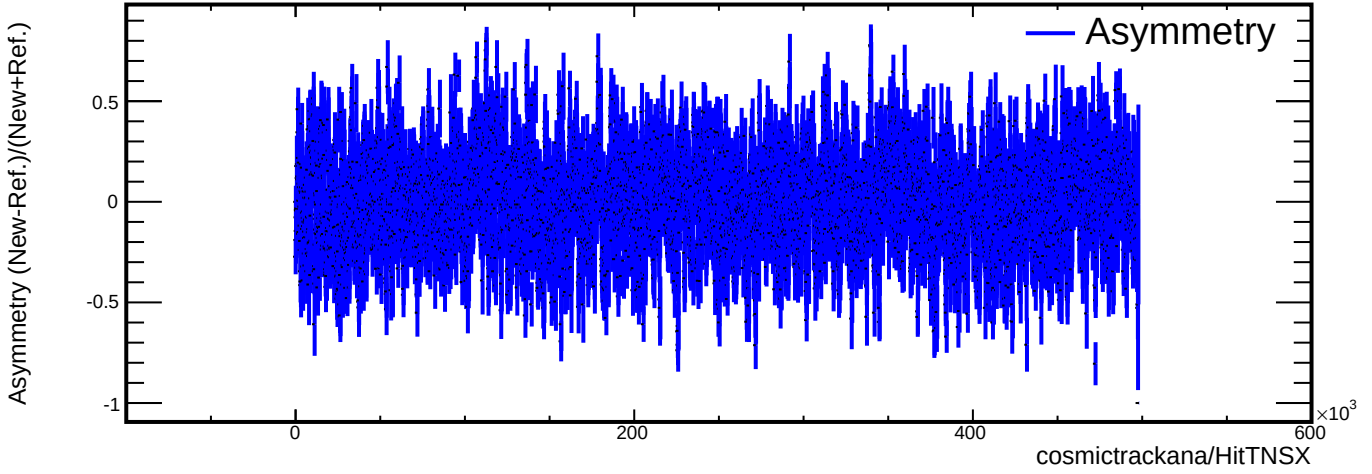

KS 0.212746, chi2 0.000655002
2012-05-26
2012-05-27
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

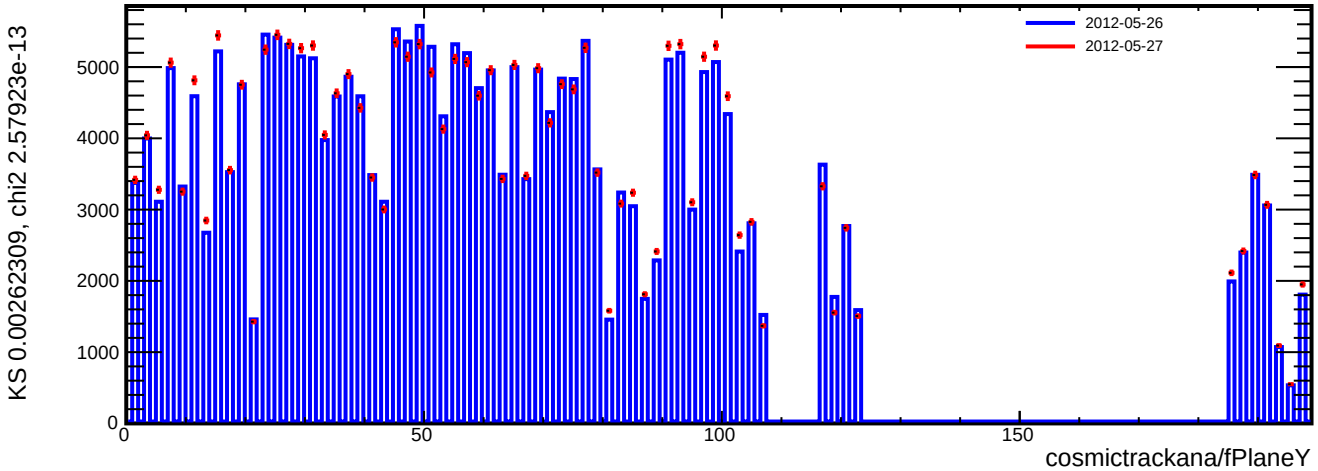

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
50
100
150
cosmictrackana/fPlaneX

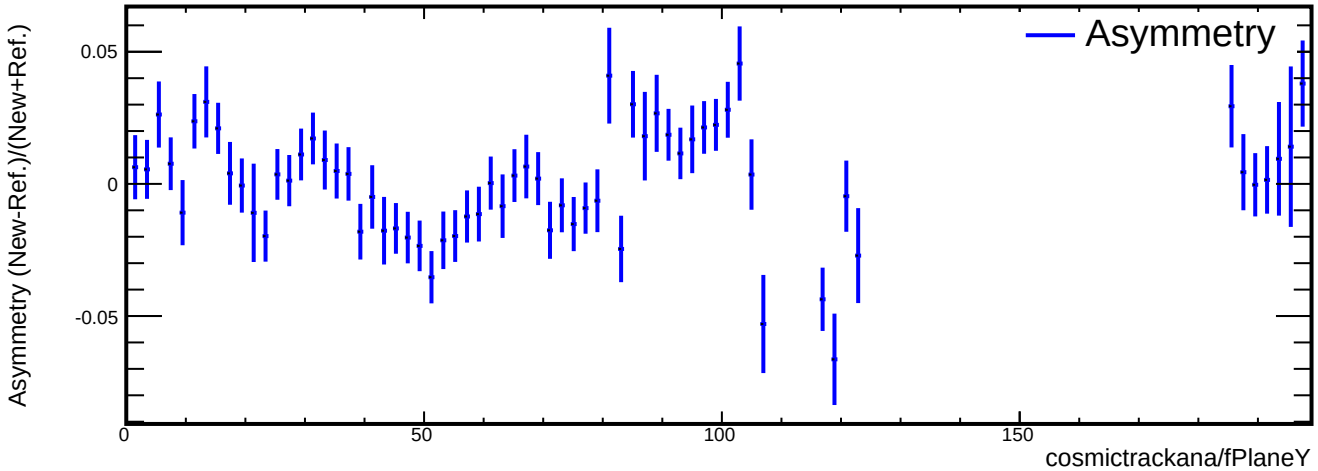

KS 0.0172218, chi2 0.0797901
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsX
2012-05-26
2012-05-27

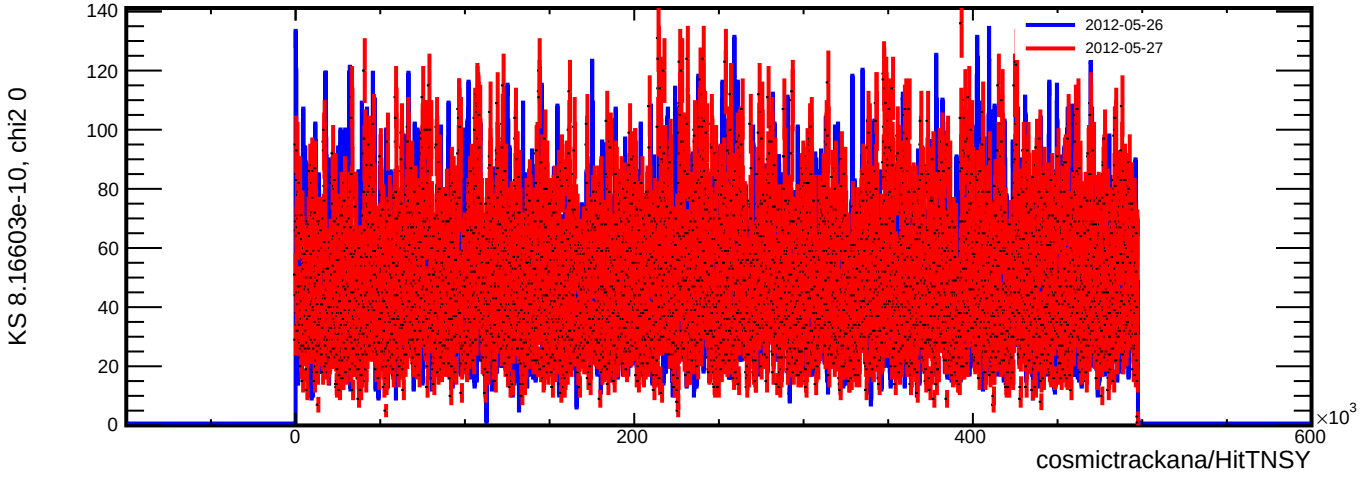

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
5
10
15
20
cosmictrackana/residualsX
Asymmetry

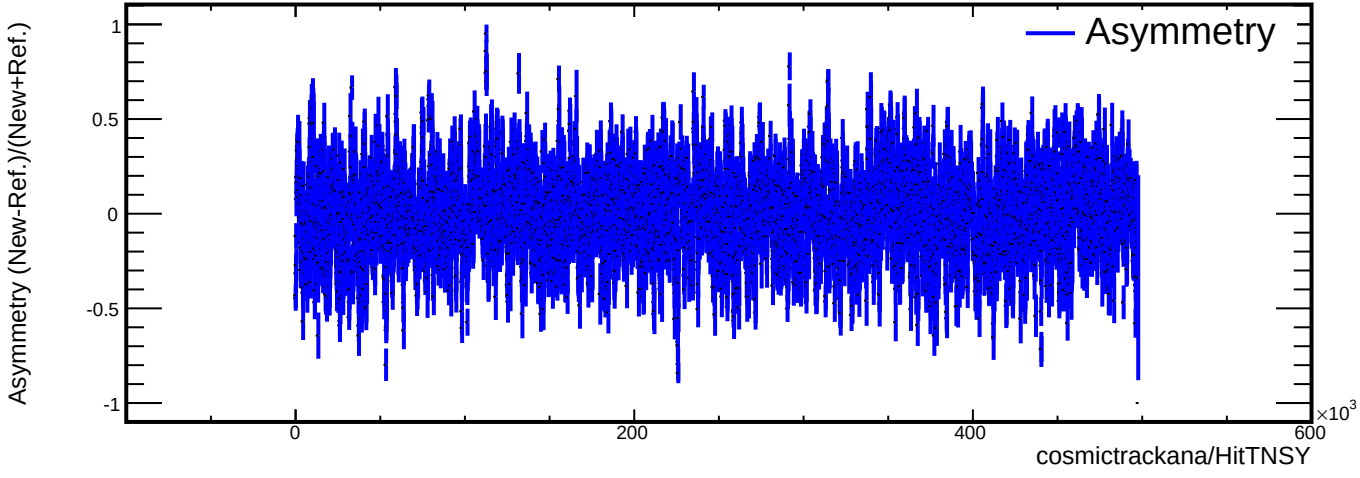

2012-05-26
2012-05-27
KS 5.30093e-08, chi2 0
100
80
60
40
20
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX


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


KS 0.00262309, chi2 2.57923e-13
2012-05-26
2012-05-27
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 8.16603e-10, chi2 0
140
120
100
80
60
40
20
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY
2012-05-26
2012-05-27


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