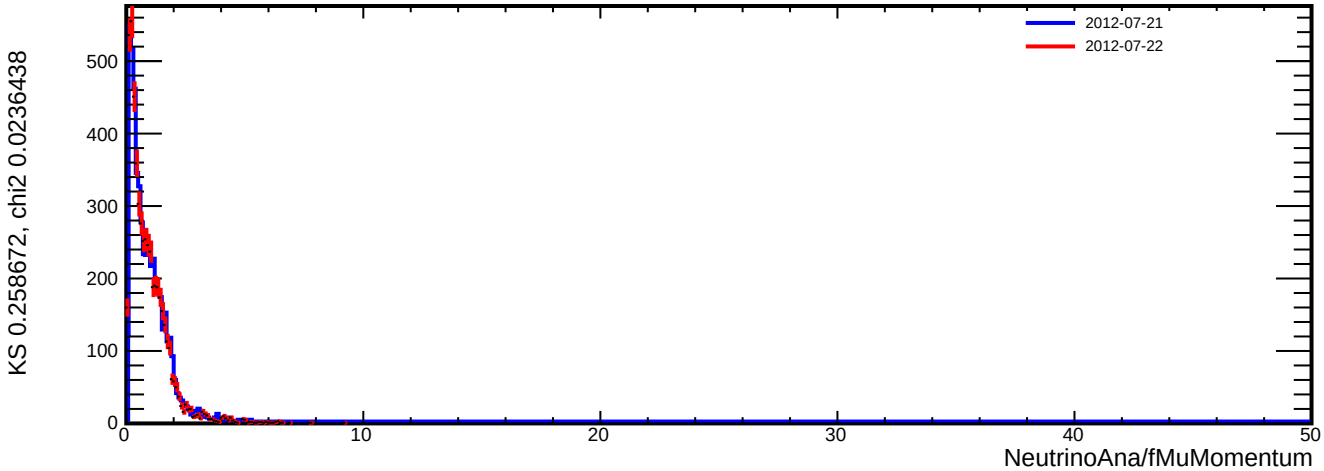
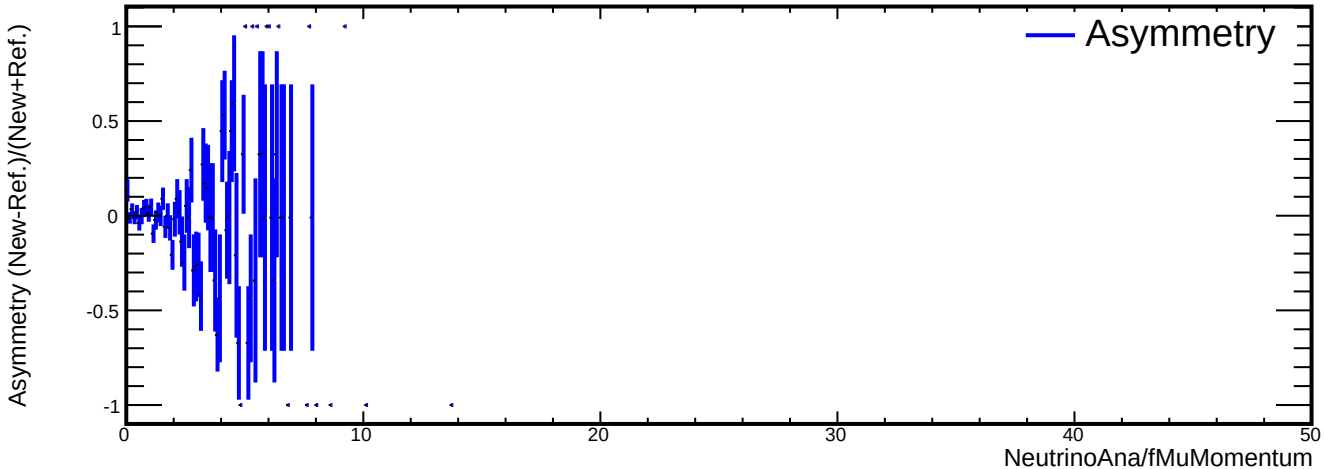
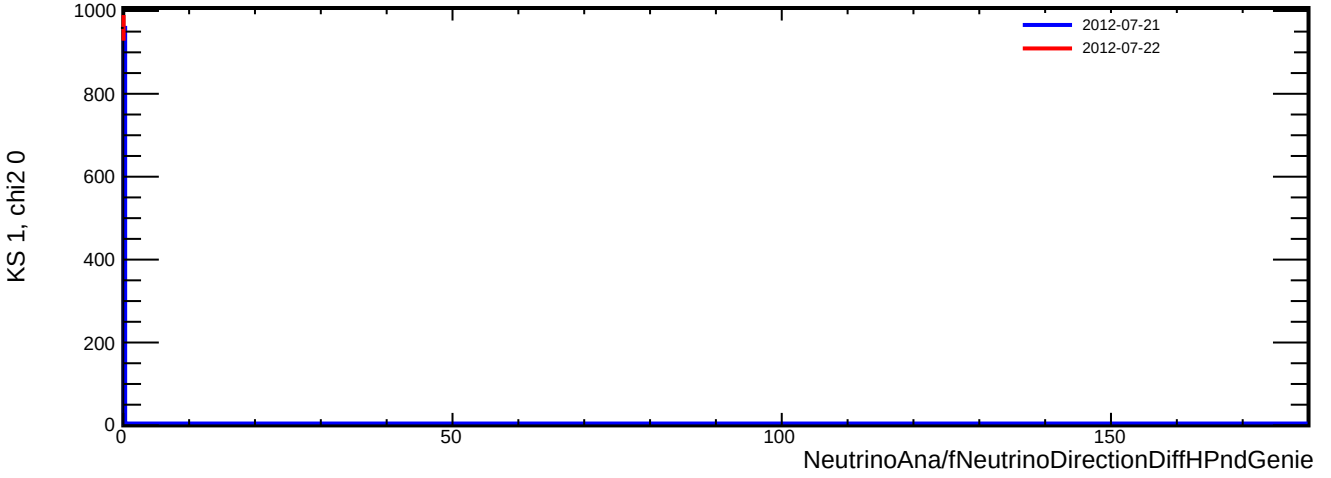
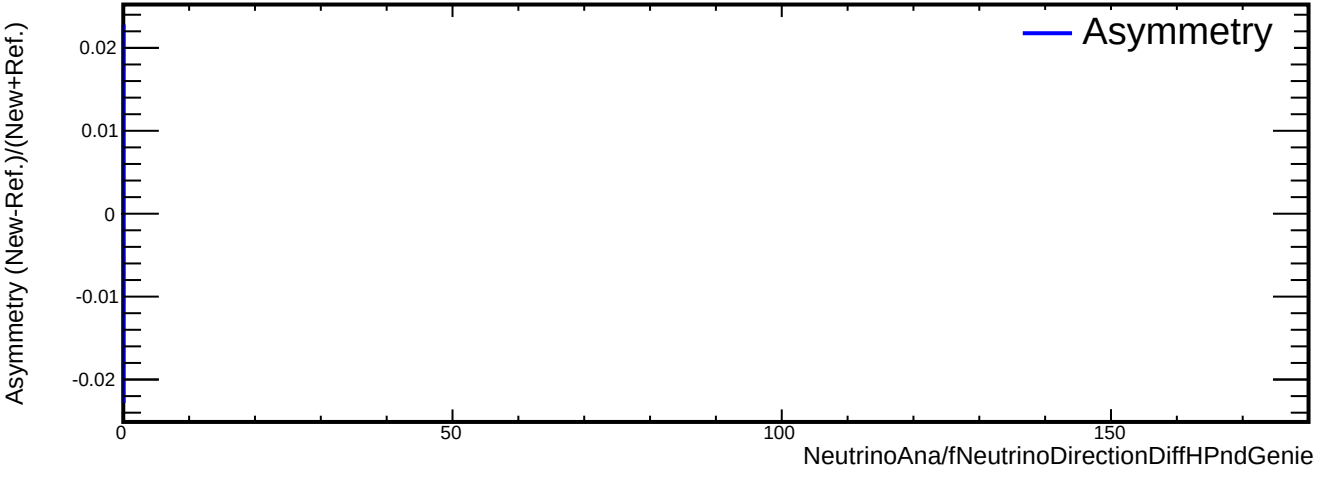
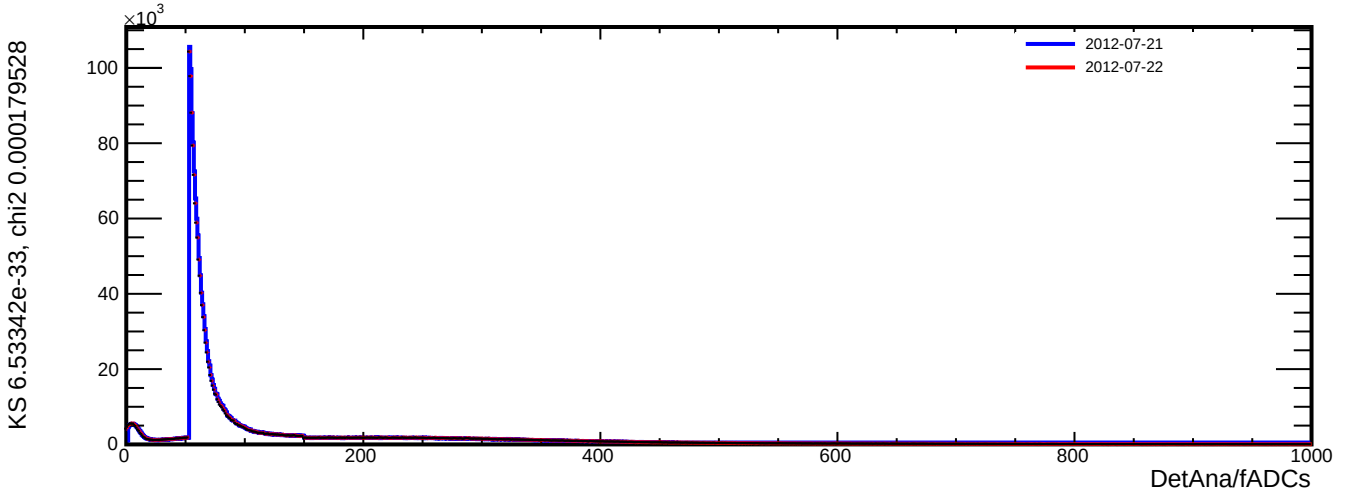
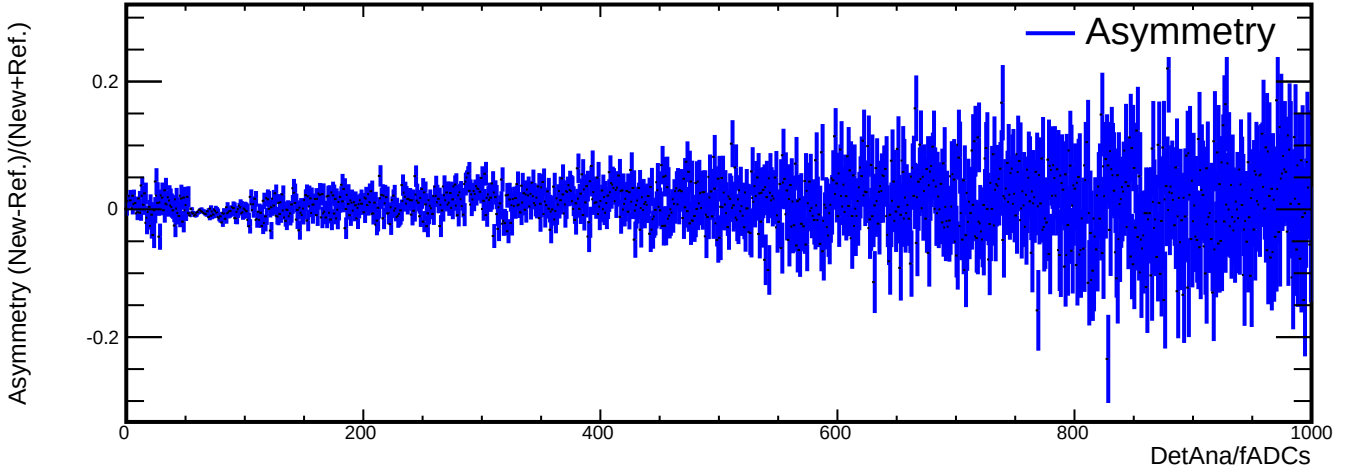

KS 0.258672, chi2 0.0236438
2012-07-21
2012-07-22
500
400
300
200
100
0
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

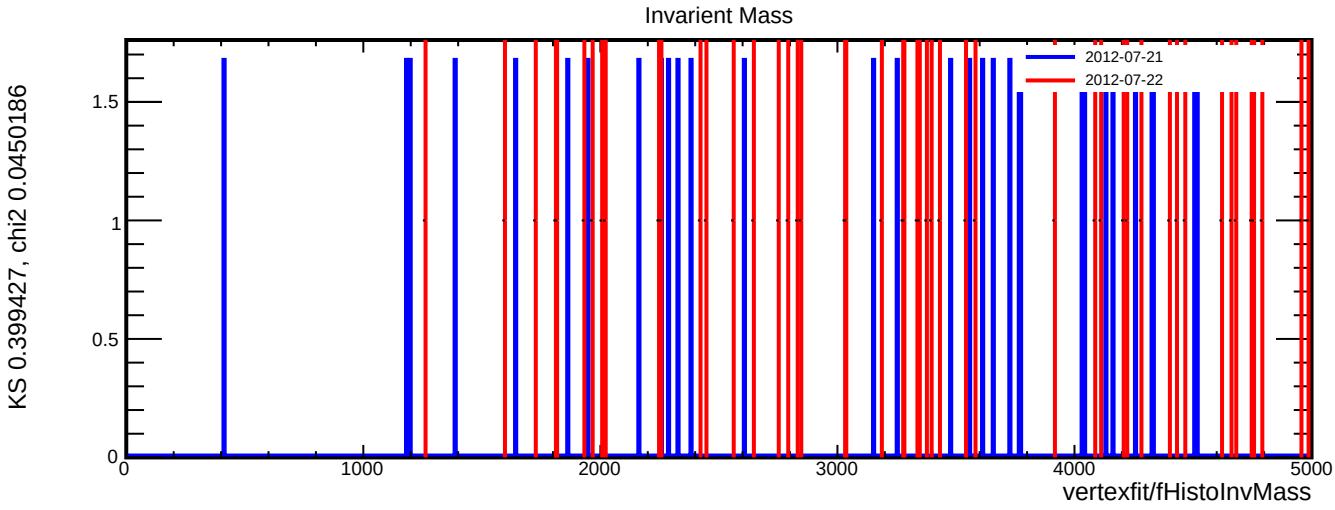

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

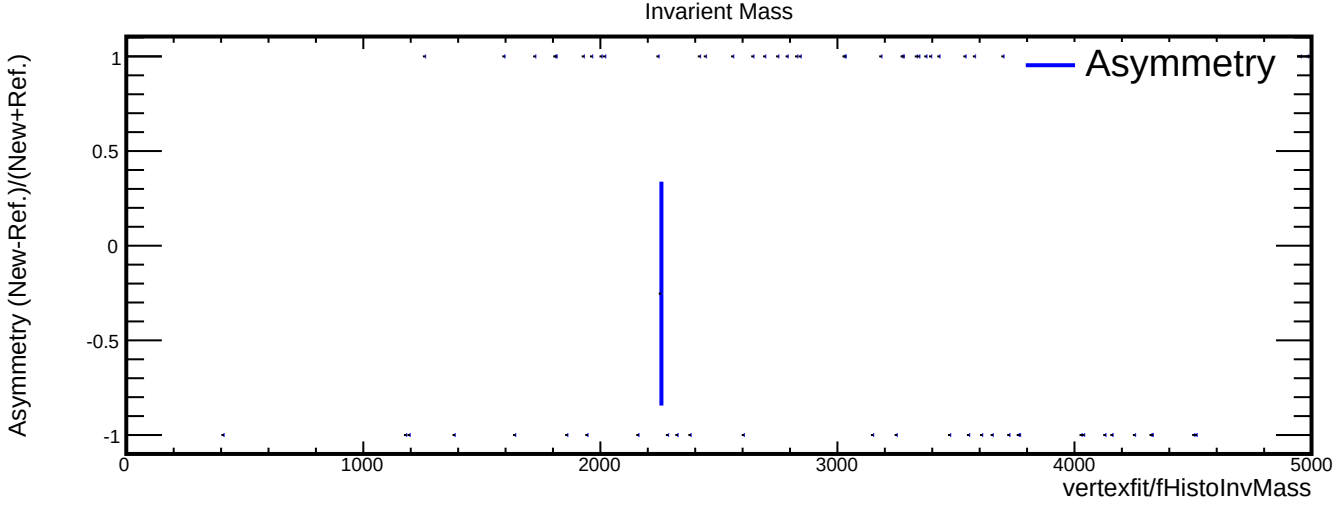

KS 1, chi2 0
1000
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie
2012-07-21
2012-07-22

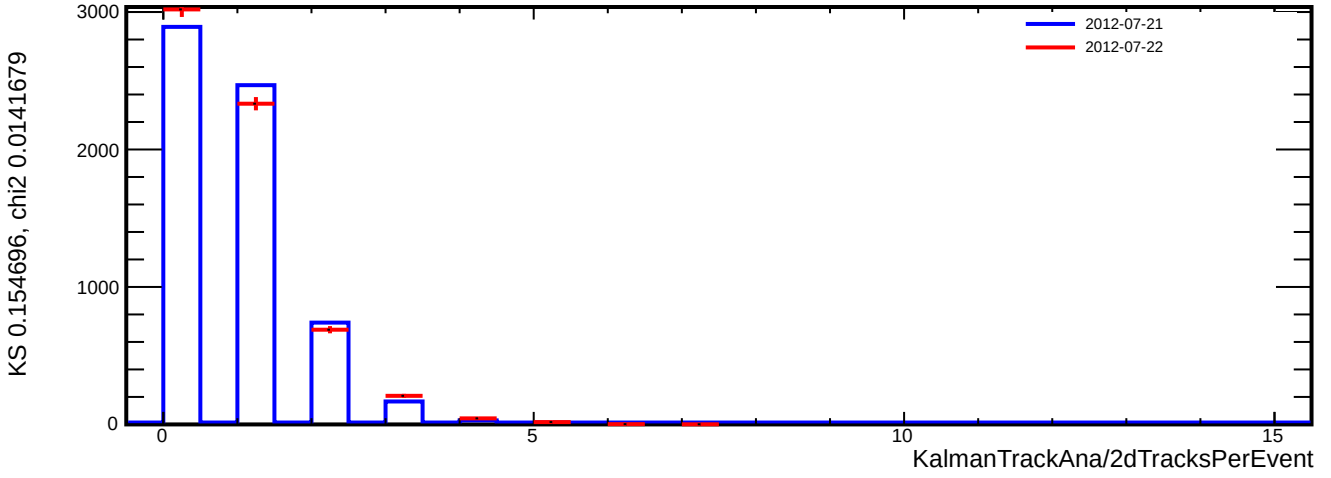

Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie
Asymmetry

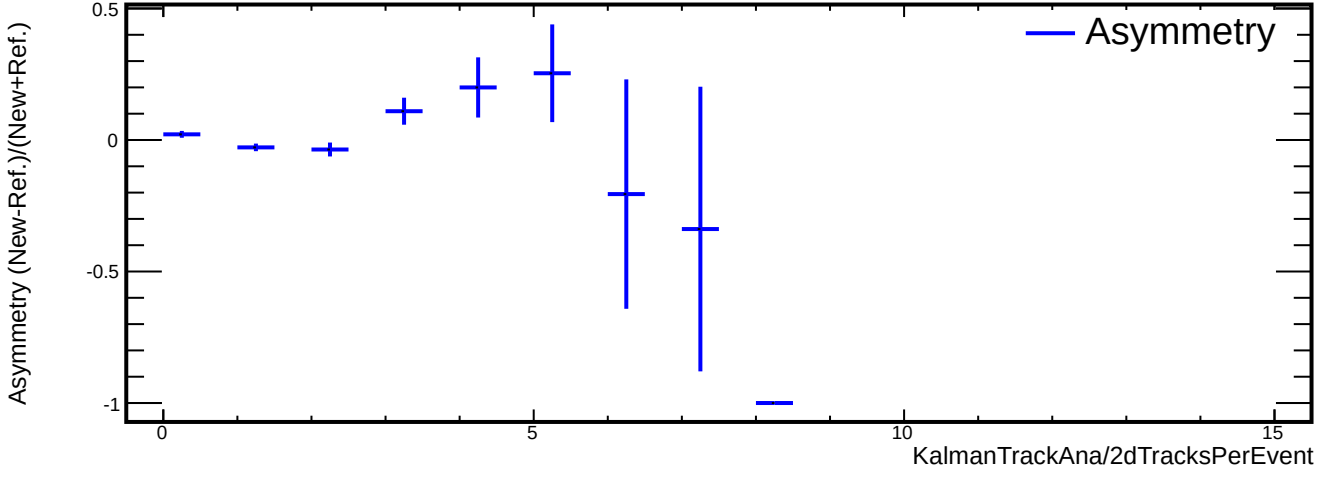

×10^3
100
80
60
40
20
0
0
200
400
600
800
1000
DetAna/fADCs
KS 6.53342e-33, chi2 0.000179528
2012-07-21
2012-07-22

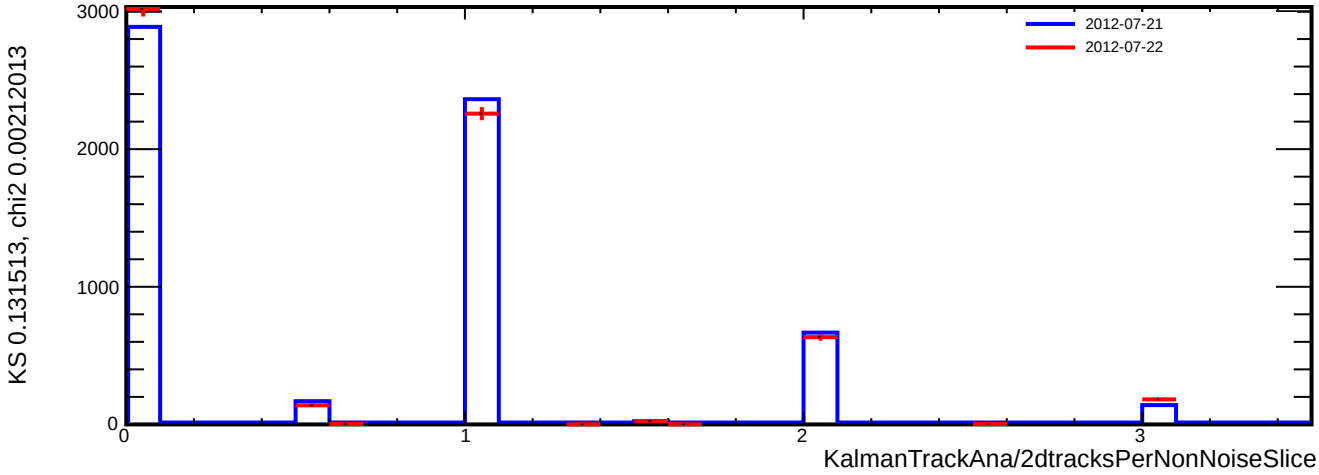

Asymmetry
0.2
0
-0.2
0
200
400
600
800
1000
DetAna/fADCs
Asymmetry (New-Ref.)/(New+Ref.)

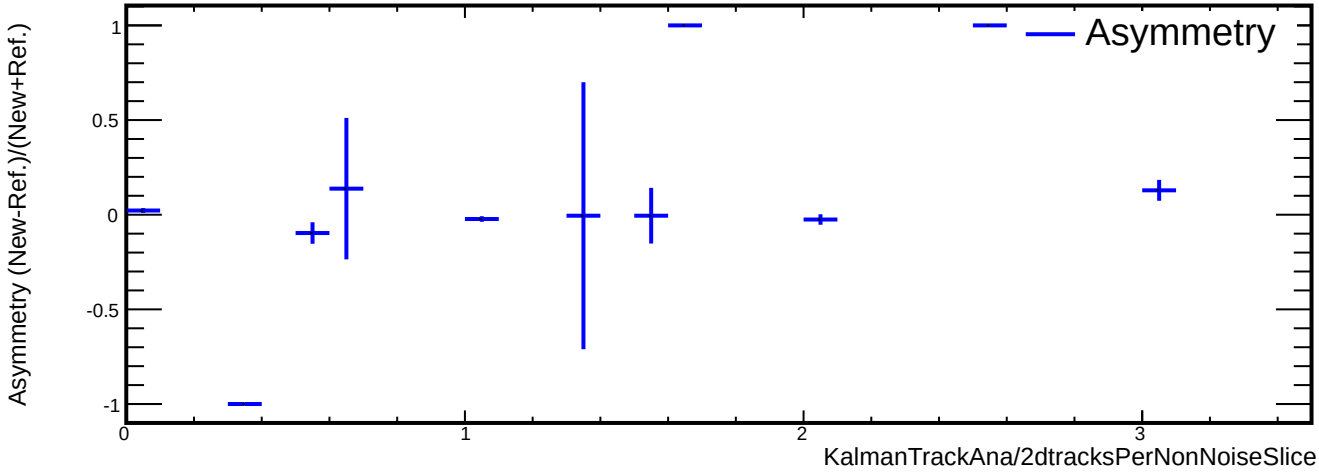

Invarient Mass
KS 0.399427, chi2 0.0450186
2012-07-21
2012-07-22
1.5
1
0.5
0
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

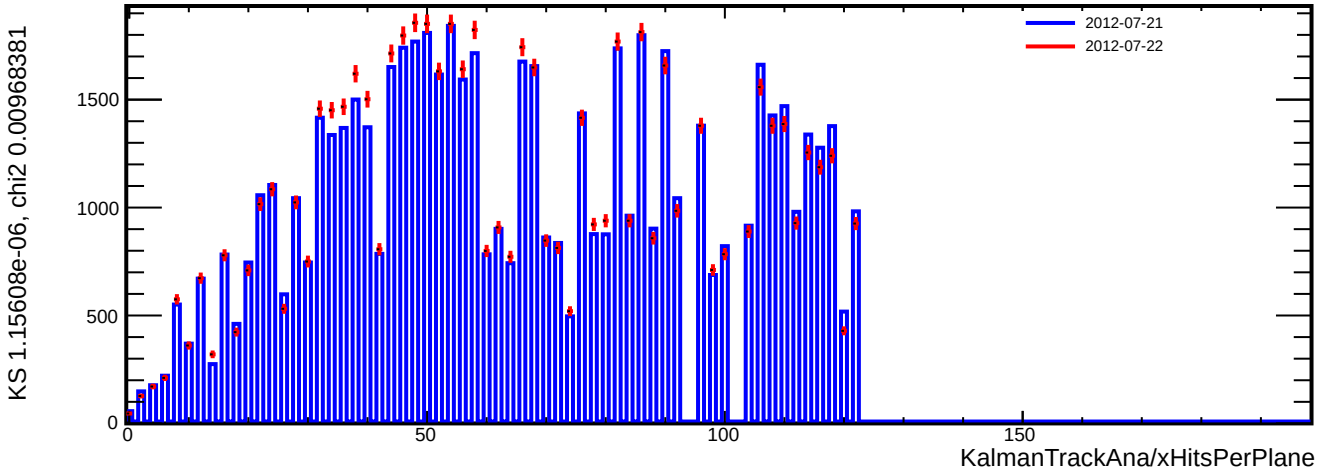

Invarient Mass
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

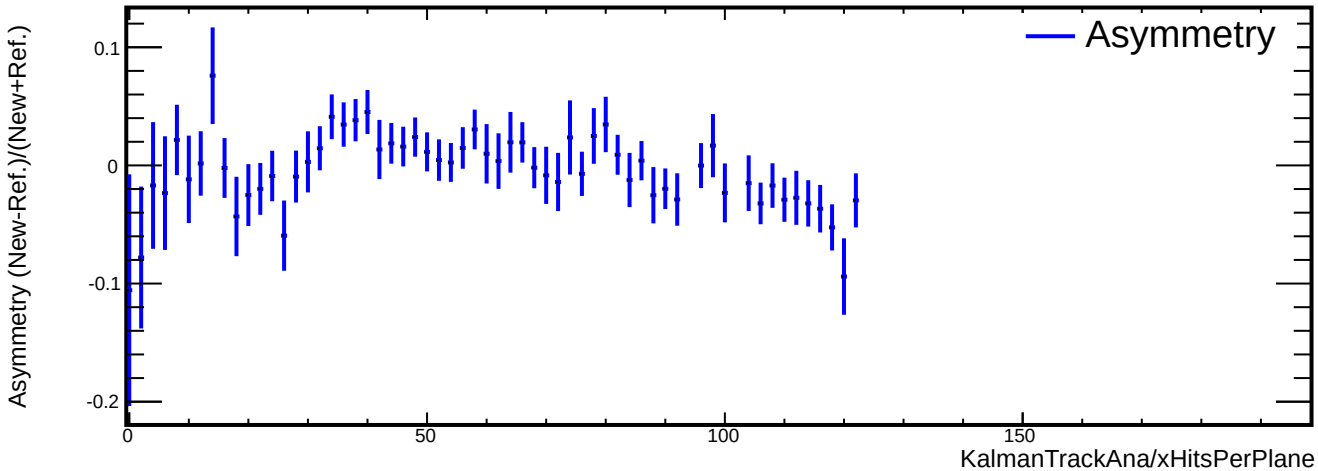

KS 0.154696, chi2 0.0141679
3000
2000
1000
0
0
5
10
15
KalmanTrackAna/2dTracksPerEvent
2012-07-21
2012-07-22

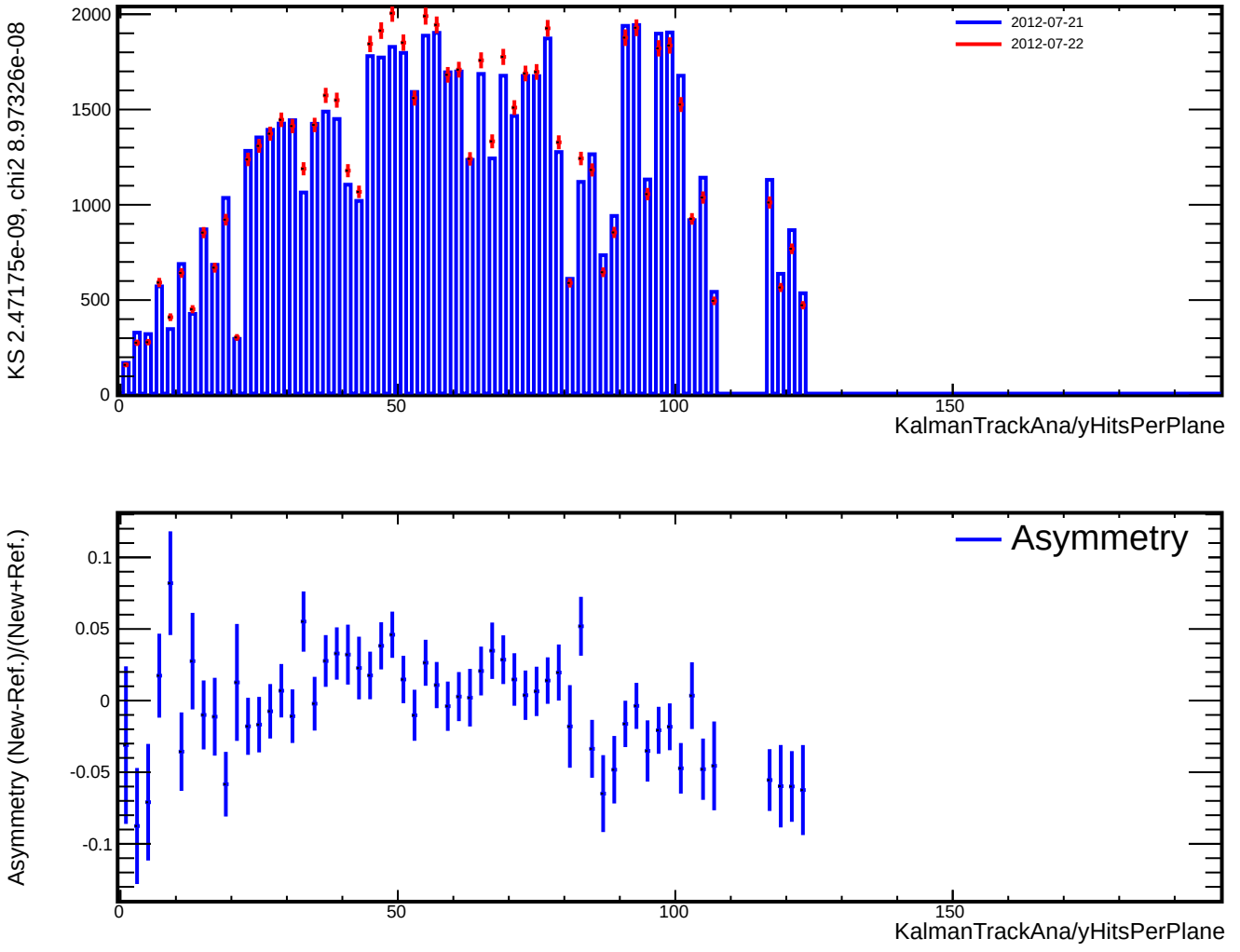

Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1
0
5
10
15
KalmanTrackAna/2dTracksPerEvent
Asymmetry

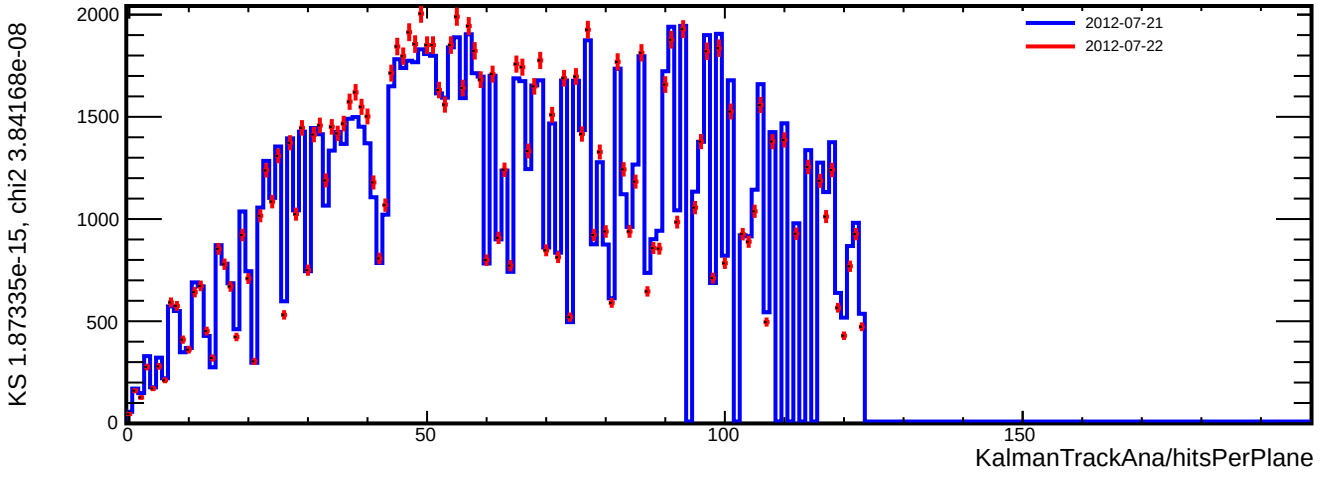

KS 0.131513, chi2 0.00212013
3000
2000
1000
0
0
1
2
3
2012-07-21
2012-07-22
KalmanTrackAna/2dtracksPerNonNoiseSlice

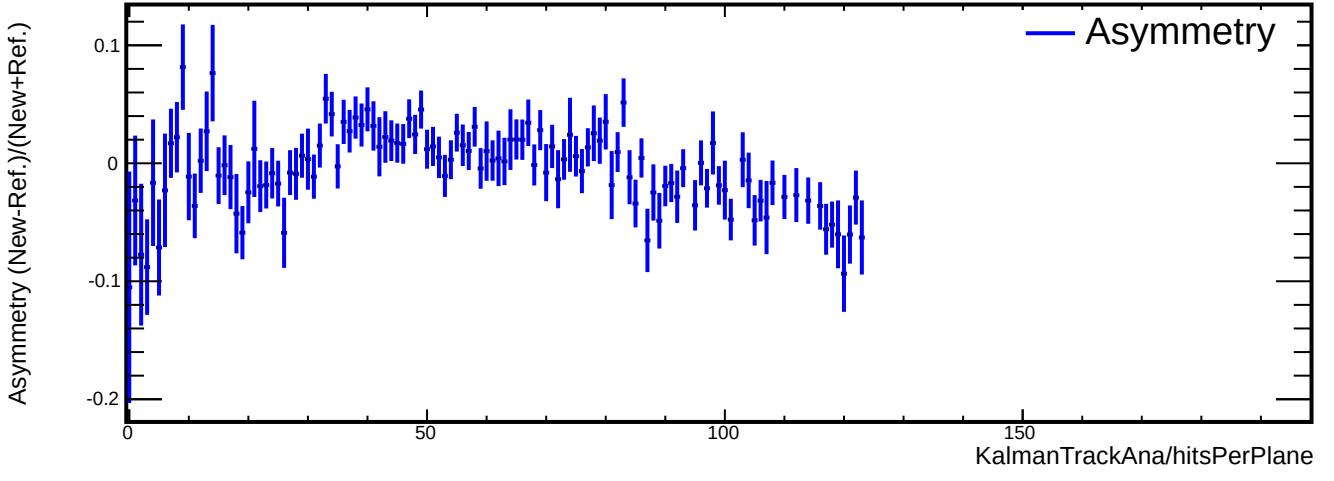

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1
2
3
Asymmetry
KalmanTrackAna/2dtracksPerNonNoiseSlice

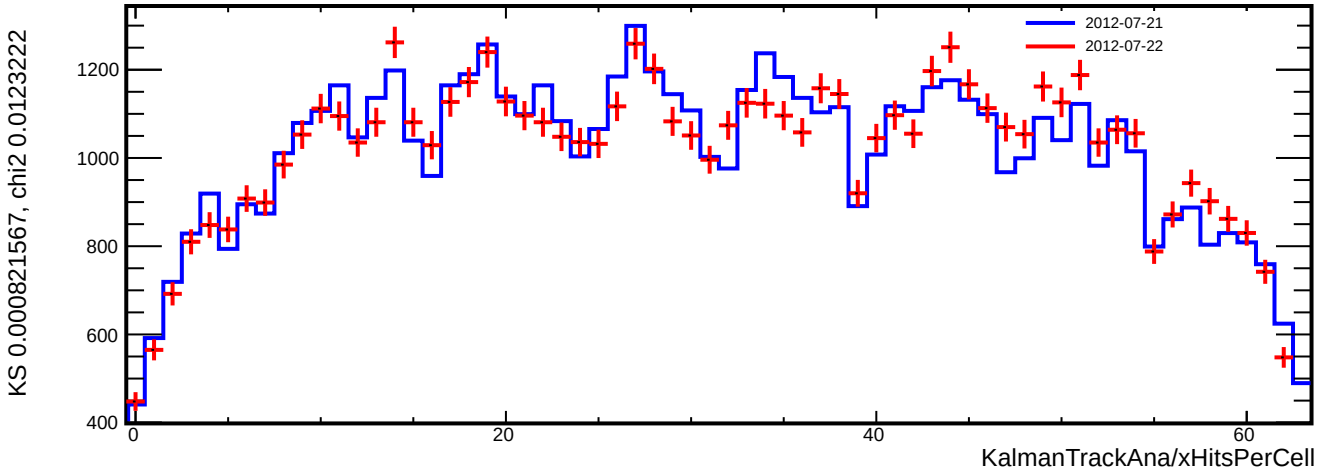

KS 1.15608e-06, chi2 0.00968381
2012-07-21
2012-07-22
0
500
1000
1500
0
50
100
150
KalmanTrackAna/xHitsPerPlane

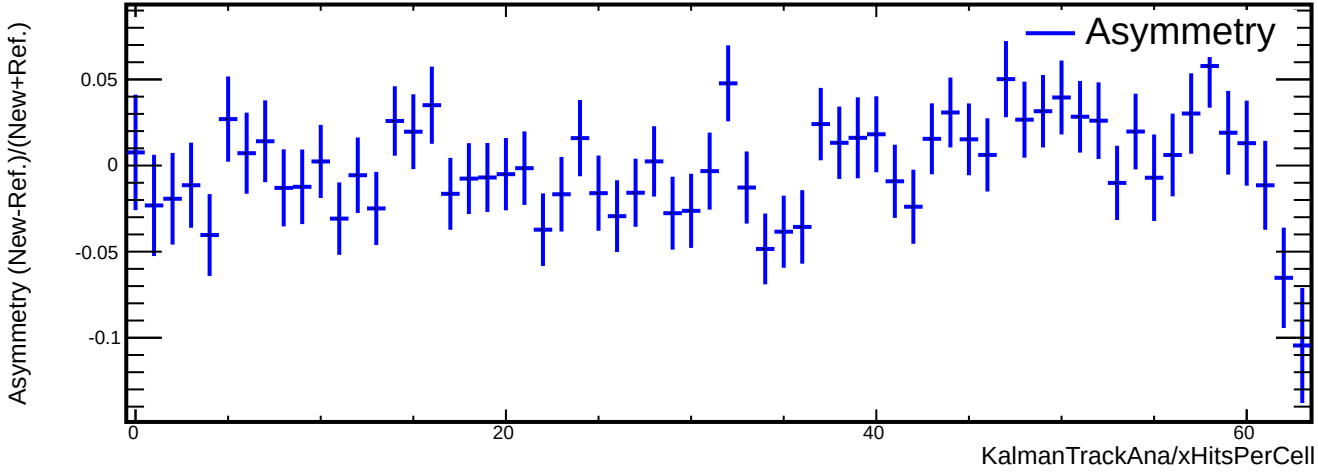

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
-0.2
0
50
100
150
KalmanTrackAna/xHitsPerPlane

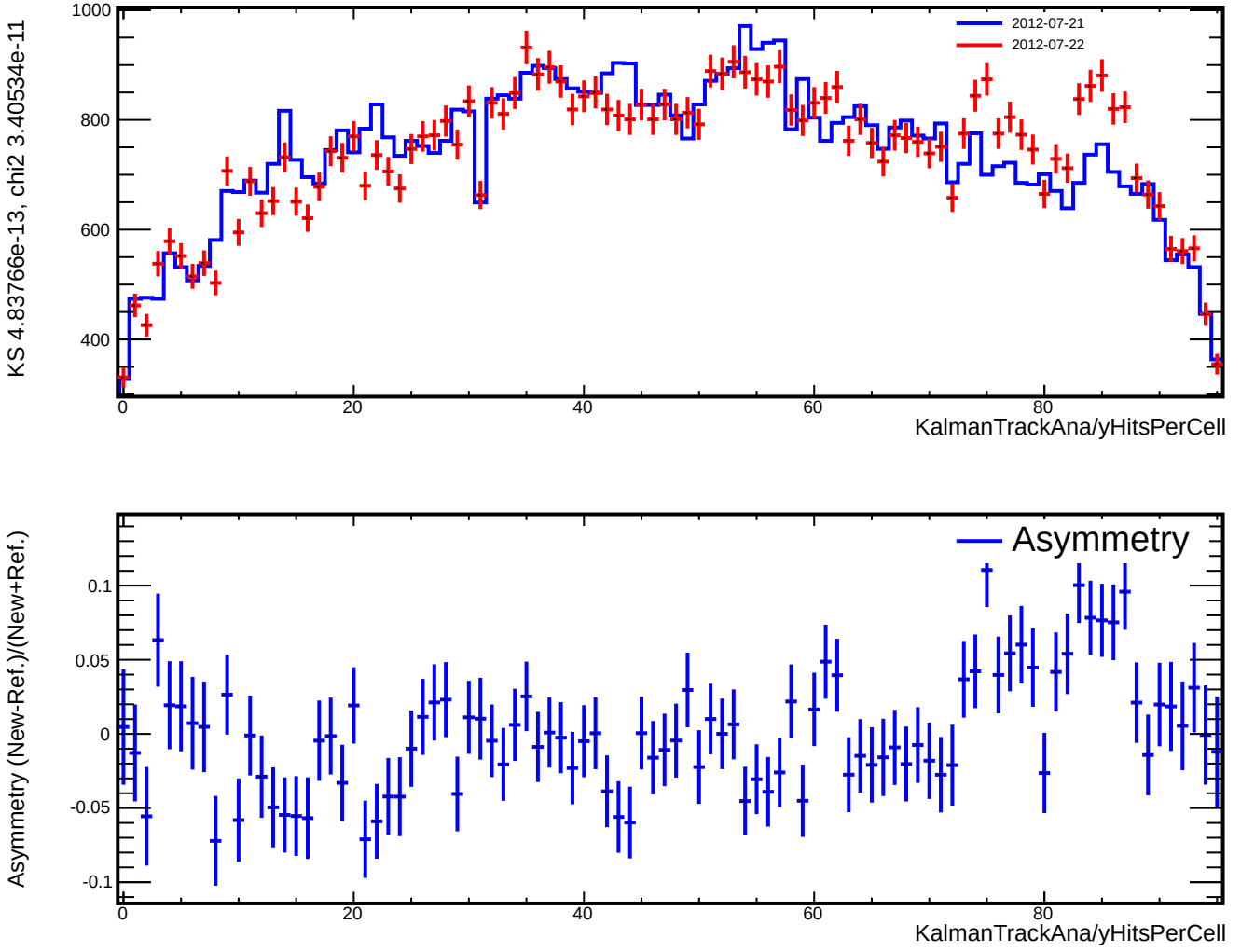

KS 2.47175e-09, chi2 8.97326e-08
2012-07-21
2012-07-22
KalmanTrackAna/yHitsPerPlane
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerPlane

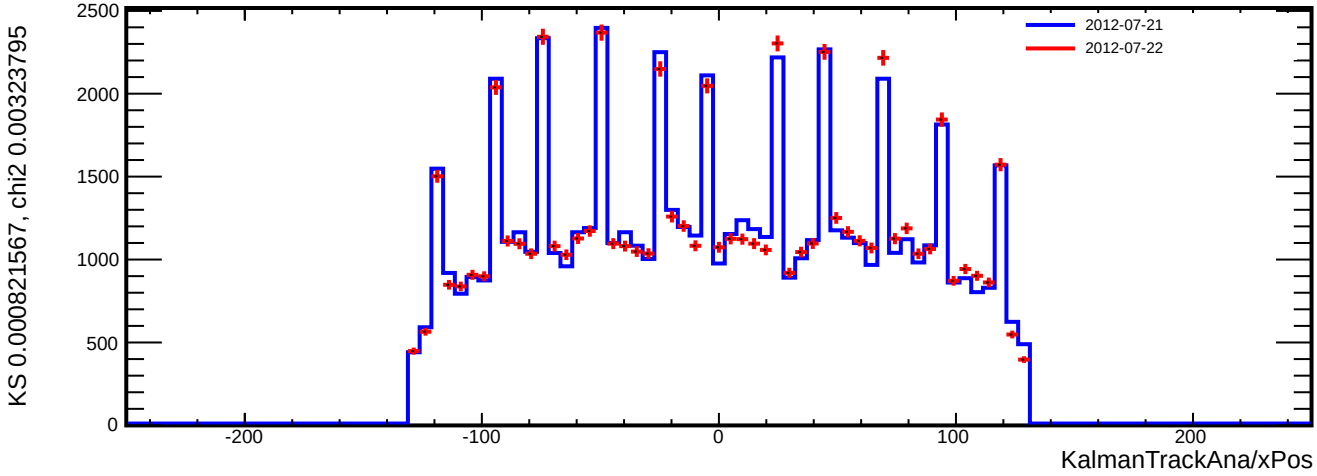

KS 1.87335e-15, chi2 3.84168e-08
2012-07-21
2012-07-22
KalmanTrackAna/hitsPerPlane

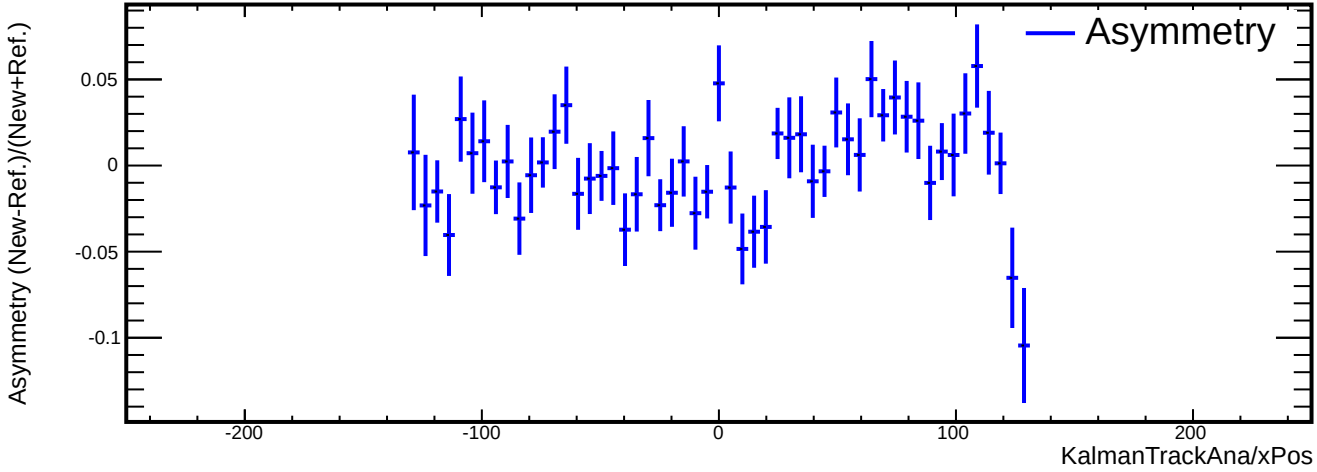

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/hitsPerPlane

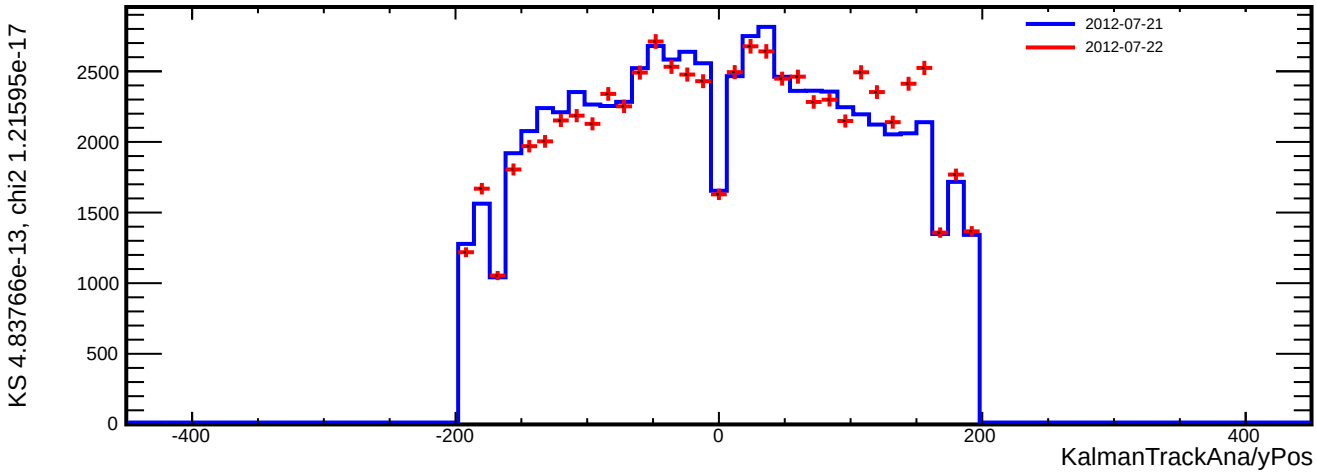

KS 0.000821567, chi2 0.0123222
2012-07-21
2012-07-22
1200
1000
800
600
400
0
20
40
60
KalmanTrackAna/xHitsPerCell

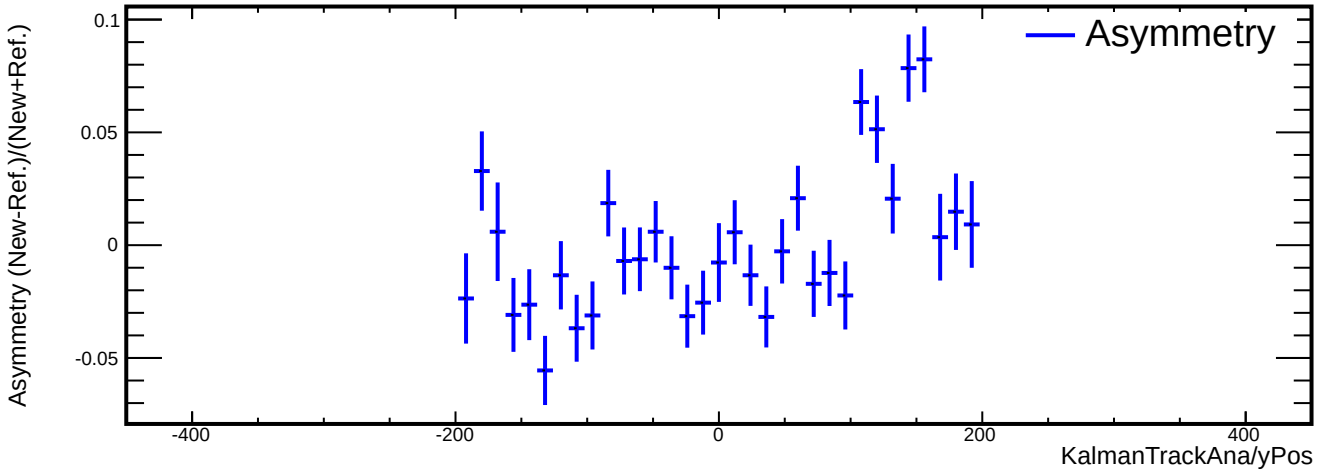

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
-0.1
0
20
40
60
KalmanTrackAna/xHitsPerCell

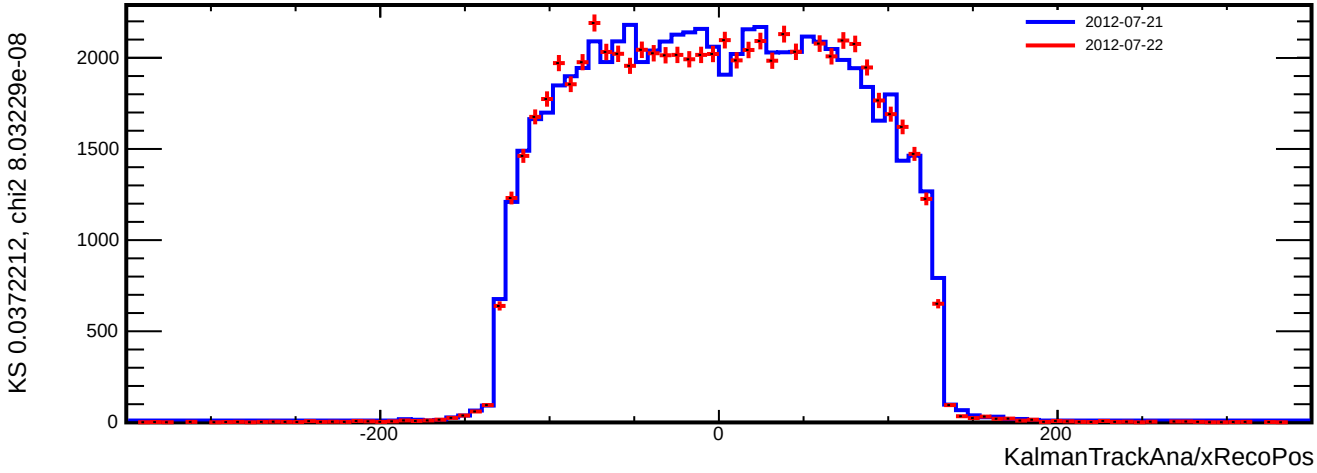

KS 4.83766e-13, chi2 3.40534e-11
2012-07-21
2012-07-22
KalmanTrackAna/yHitsPerCell
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerCell

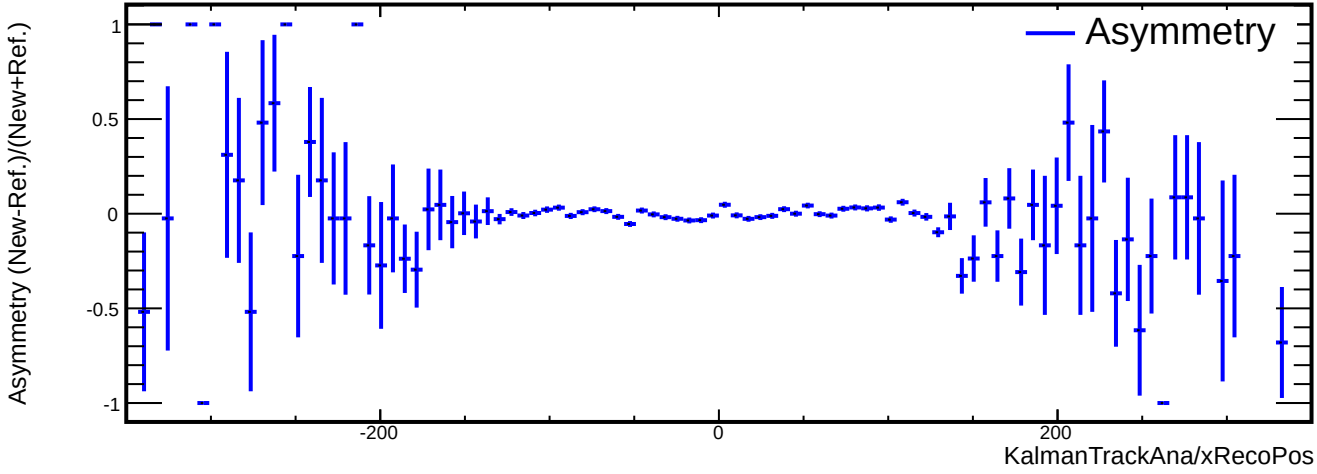

KS 0.000821567, chi2 0.00323795
2012-07-21
2012-07-22
KalmanTrackAna/xPos

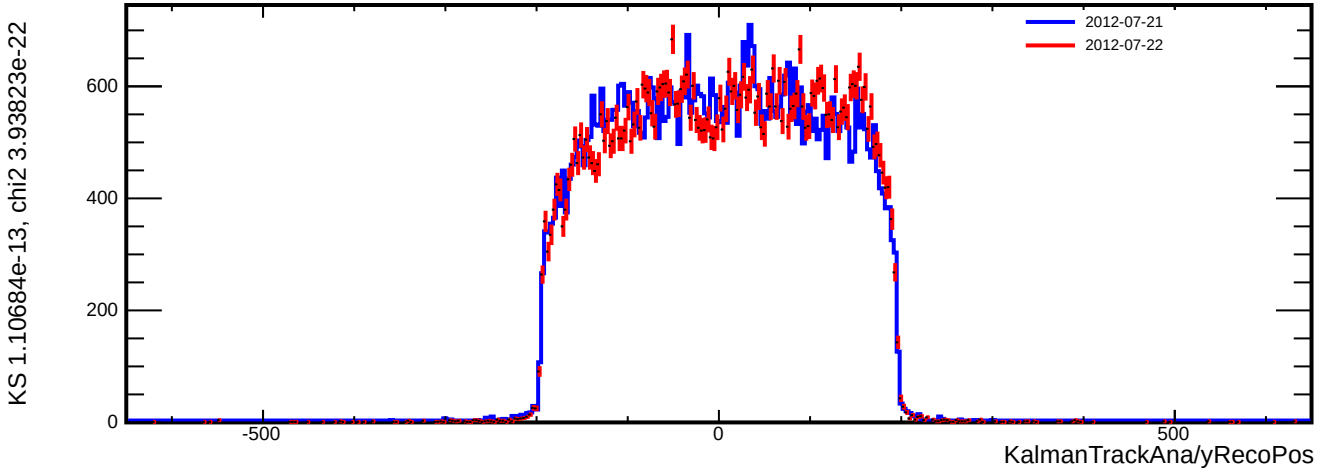

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/xPos

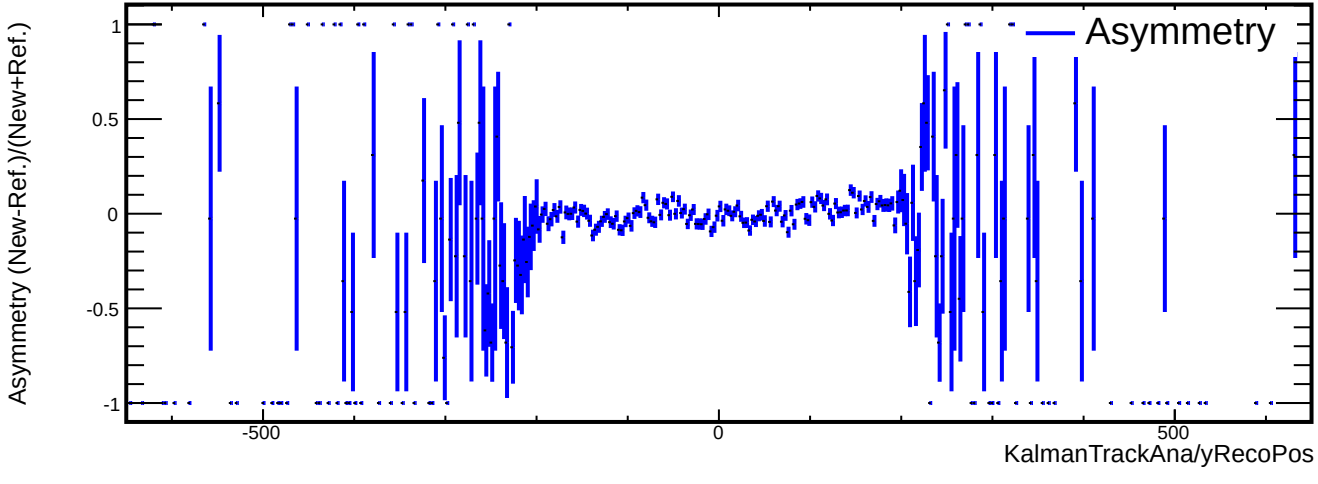

KS 4.83766e-13, chi2 1.21595e-17
2012-07-21
2012-07-22
2500
2000
1500
1000
500
0
-400
-200
0
200
400
KalmanTrackAna/yPos

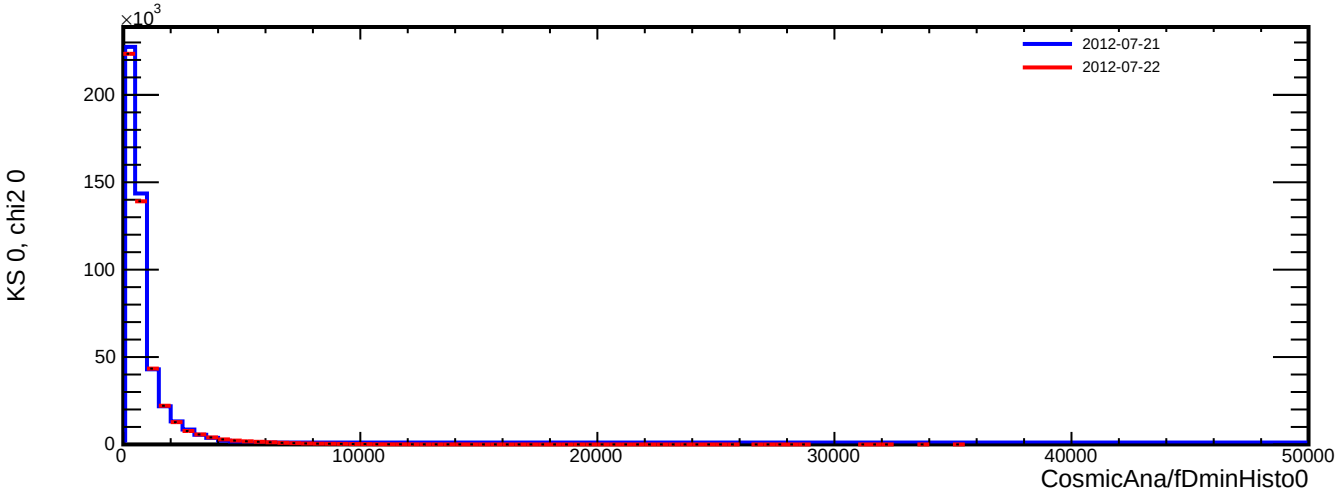

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
-400
-200
0
200
400
KalmanTrackAna/yPos

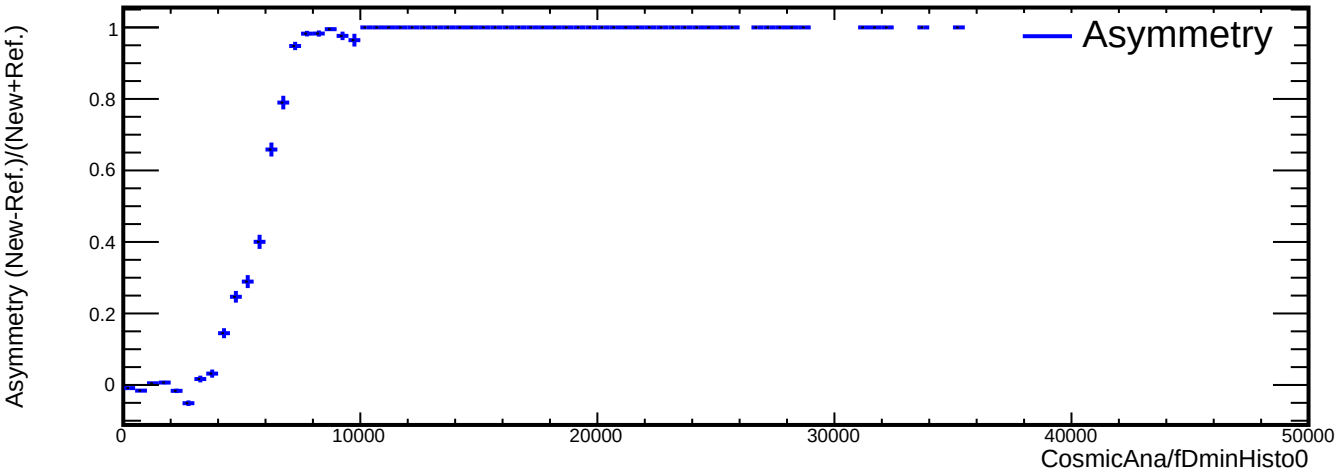

KS 0.0372212, chi2 8.03229e-08
2012-07-21
2012-07-22
2000
1500
1000
500
0
-200
0
200
KalmanTrackAna/xRecoPos

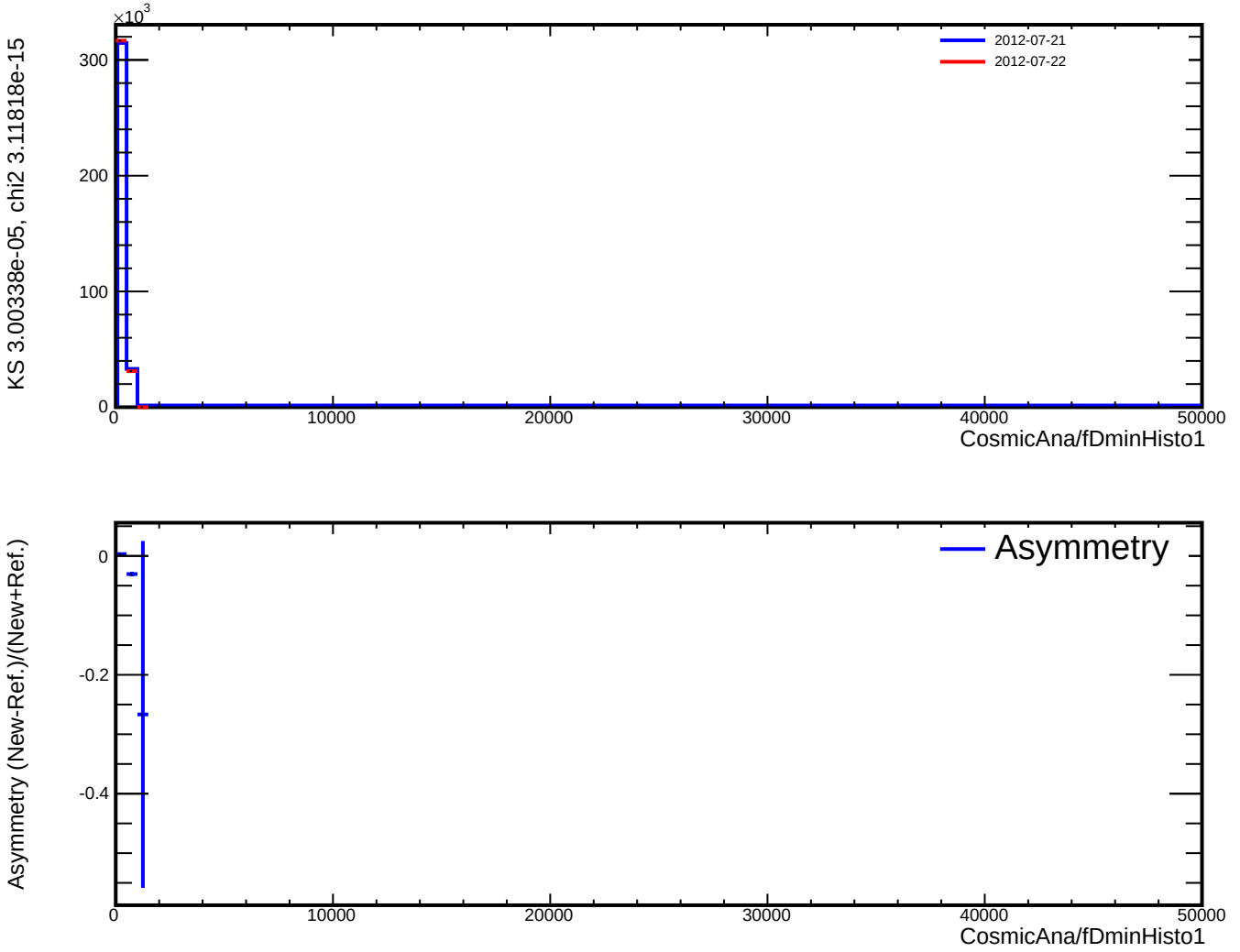

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
0
200
KalmanTrackAna/xRecoPos

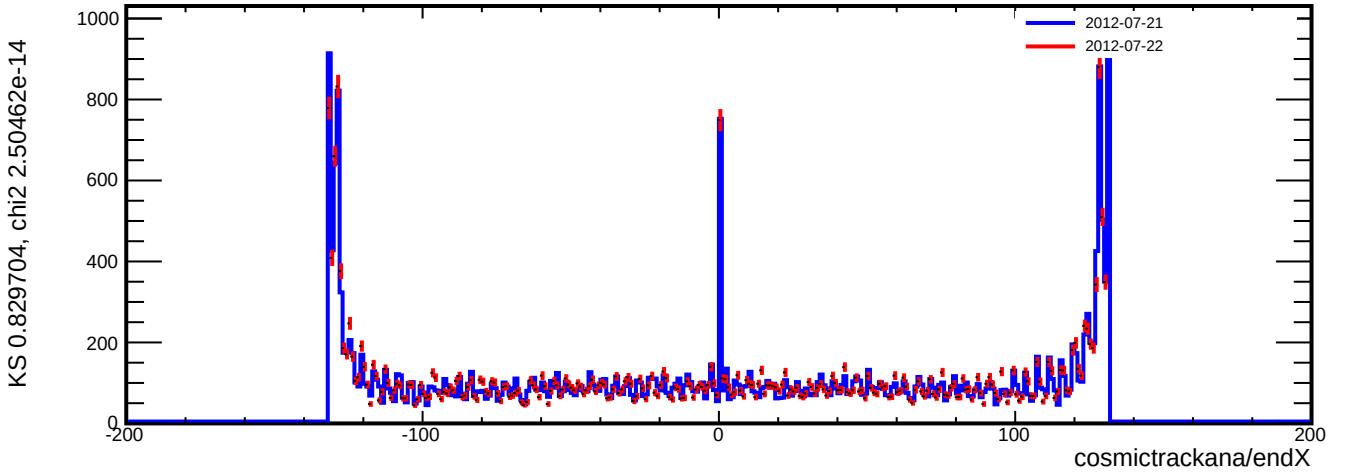

KS 1.10684e-13, chi2 3.93823e-22
2012-07-21
2012-07-22
600
400
200
0
-500
0
500
KalmanTrackAna/yRecoPos

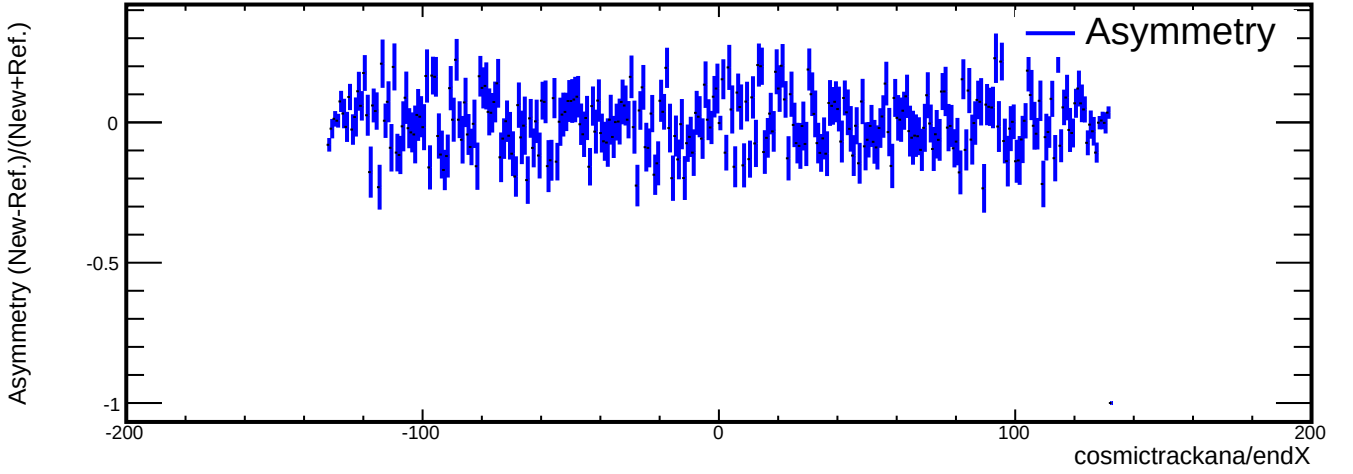

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-500
0
500
KalmanTrackAna/yRecoPos

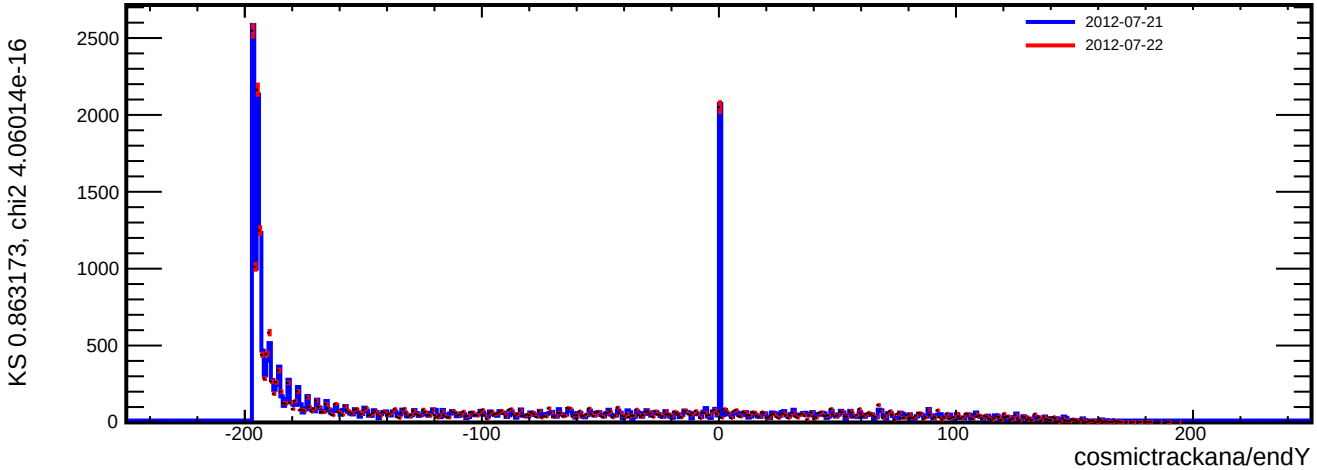

×10^3
KS 0, chi2 0
2012-07-21
2012-07-22
0
50
100
150
200
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0

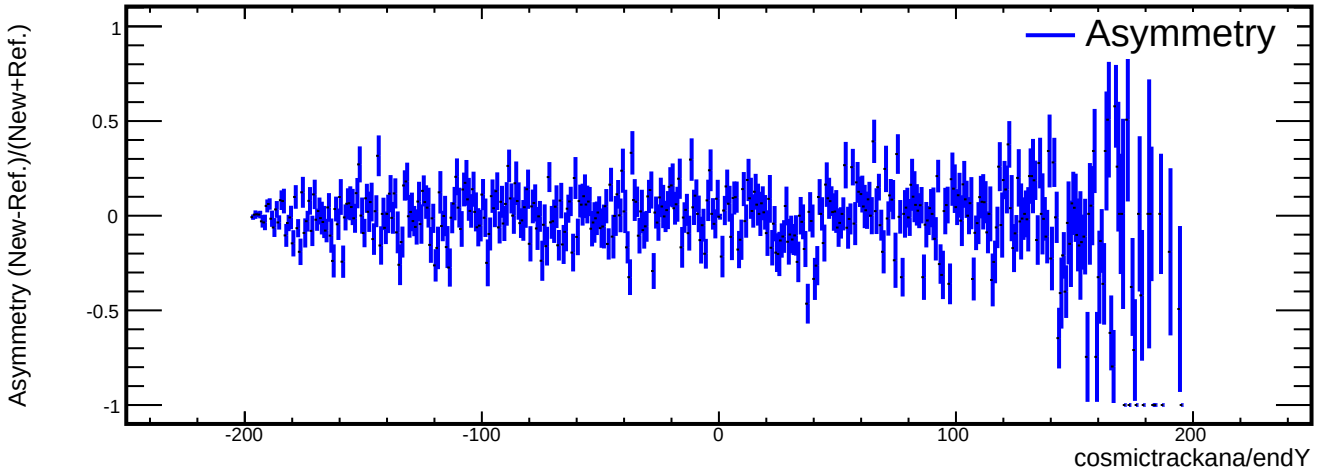

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0
0.2
0.4
0.6
0.8
1
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0

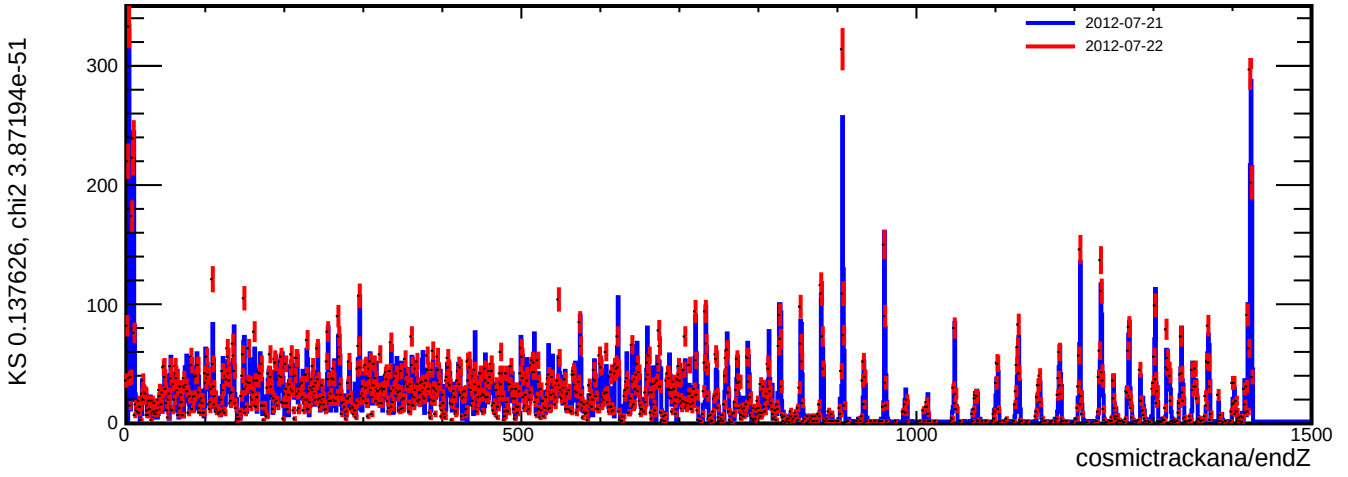

KS 3.00338e-05, chi2 3.11818e-15
×10^3
300
200
100
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1
2012-07-21
2012-07-22
Asymmetry (New-Ref.)/(New+Ref.)
0
-0.2
-0.4
Asymmetry
CosmicAna/fDminHisto1

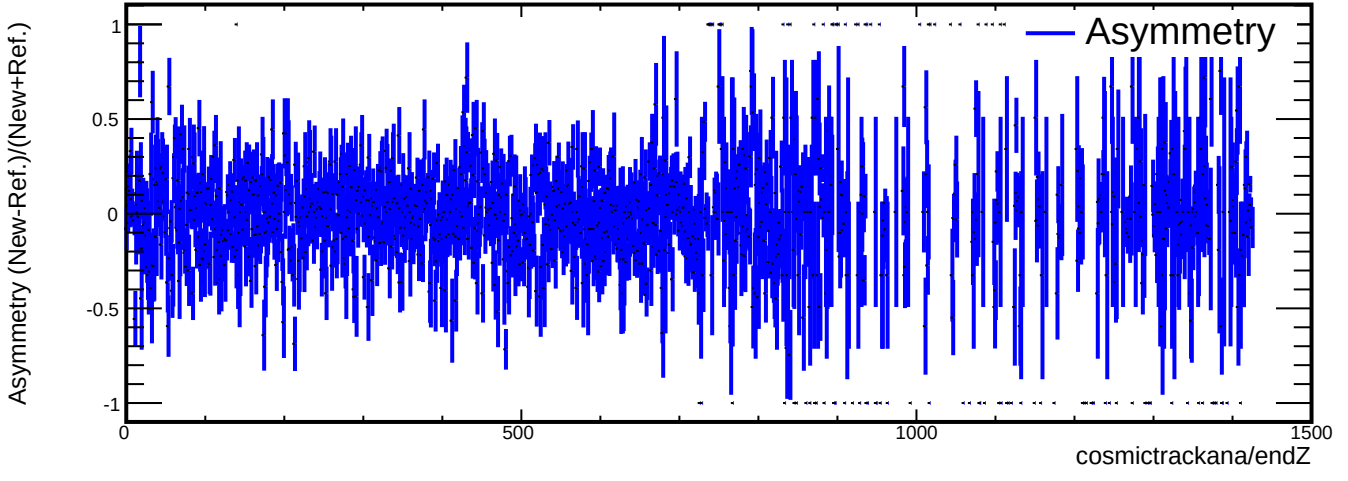

KS 0.829704, chi2 2.50462e-14
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX
2012-07-21
2012-07-22

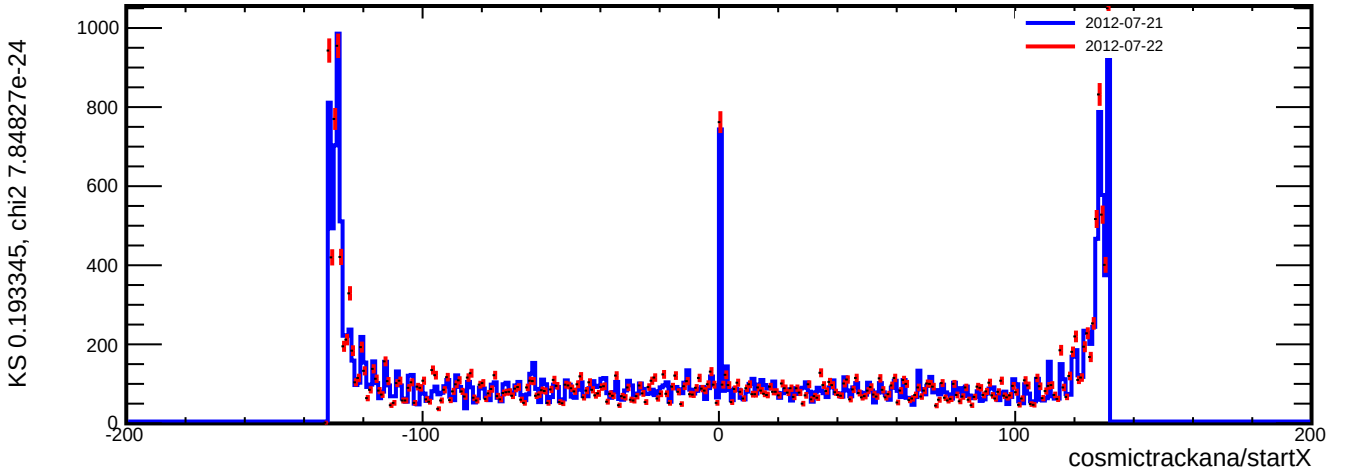

Asymmetry (New-Ref.)/(New+Ref.)
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endX
Asymmetry

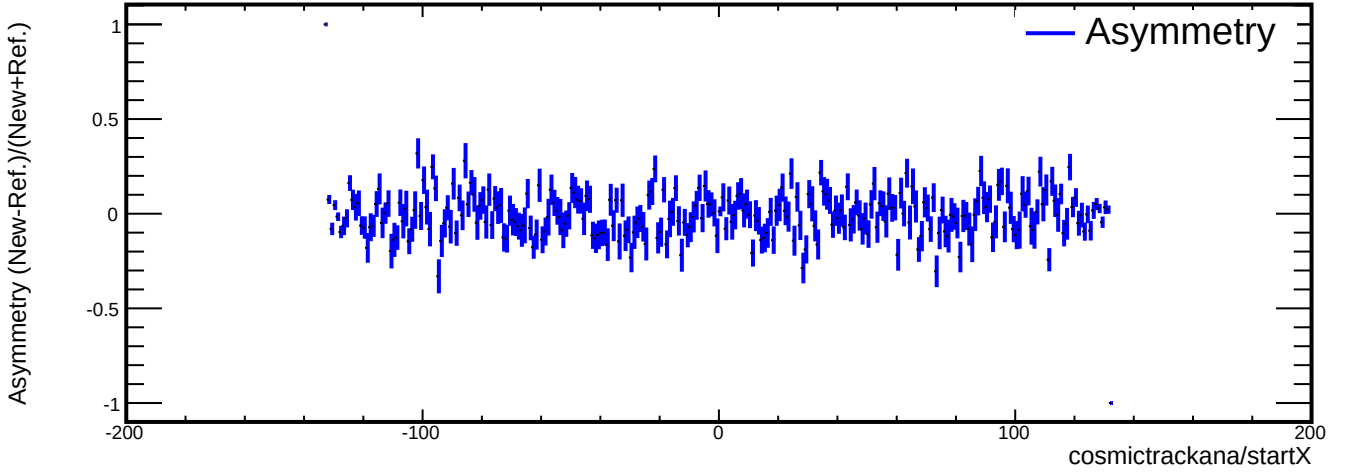

KS 0.863173, chi2 4.06014e-16
2012-07-21
2012-07-22
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

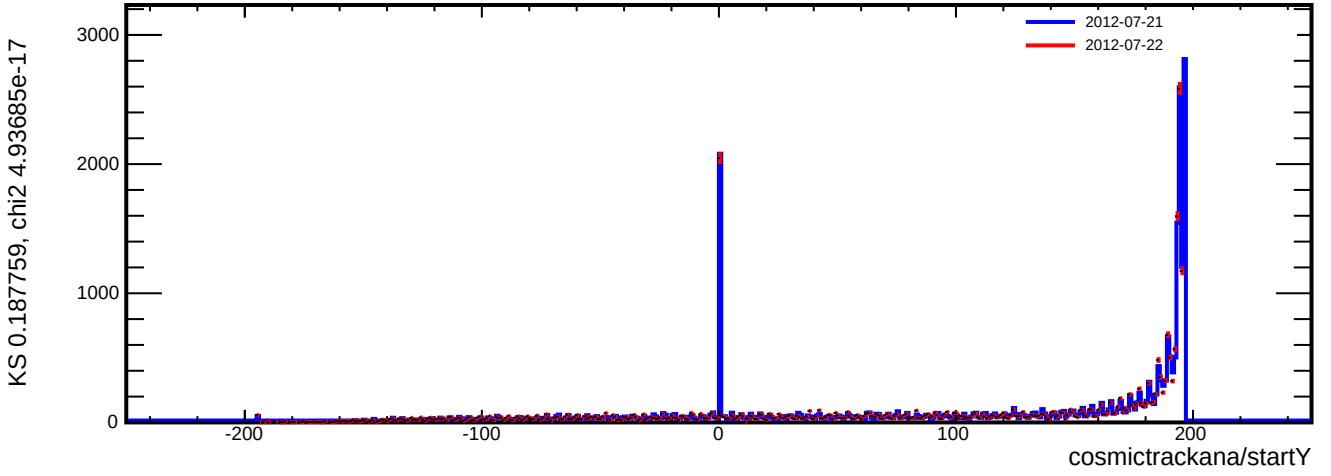

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

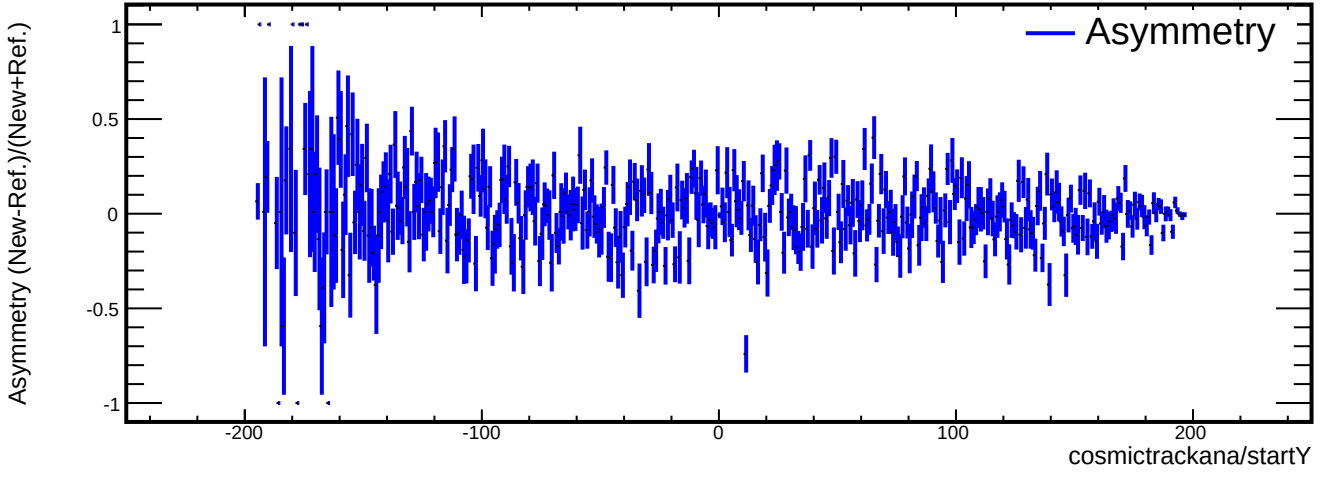

KS 0.137626, chi2 3.87194e-51
2012-07-21
2012-07-22
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

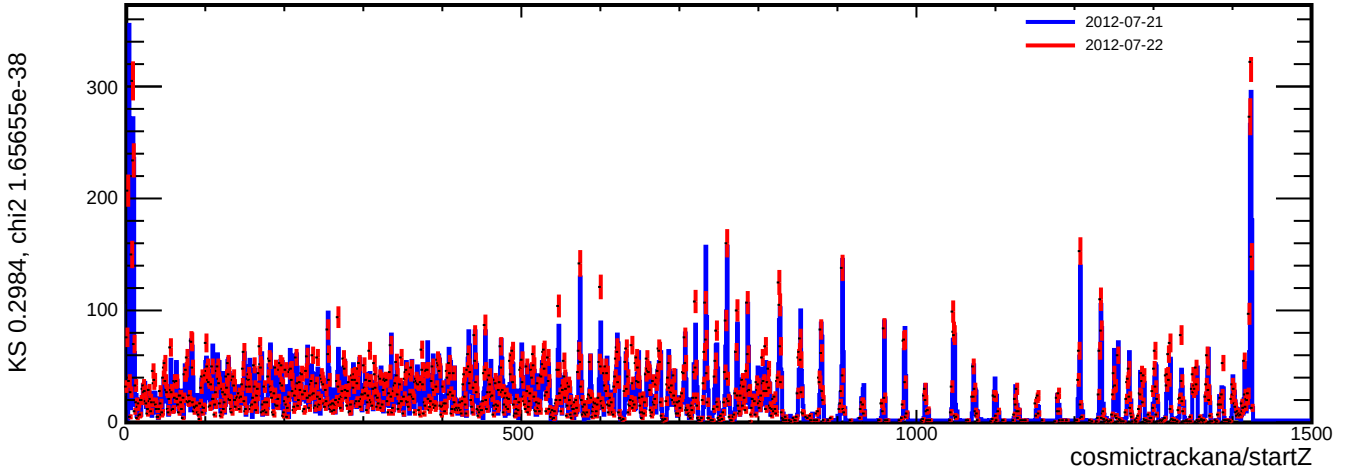

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

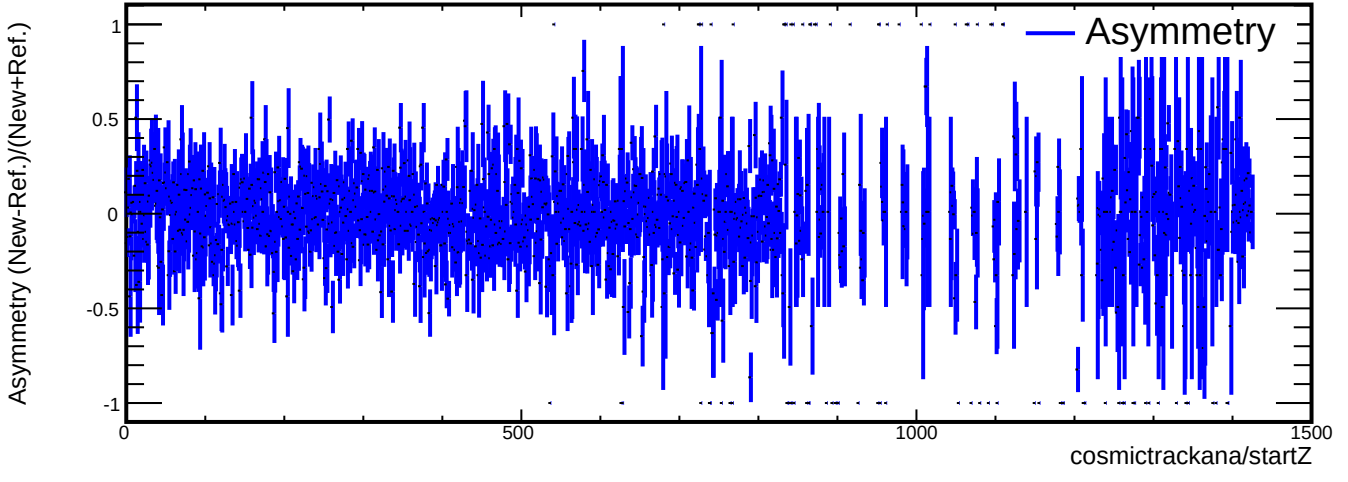

KS 0.193345, chi2 7.84827e-24
2012-07-21
2012-07-22
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

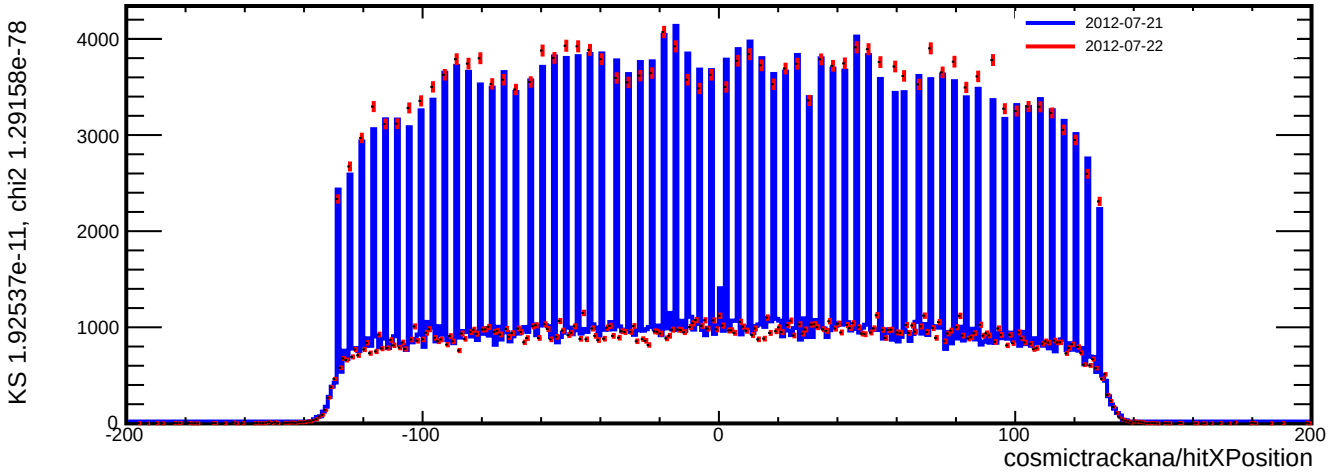

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startX

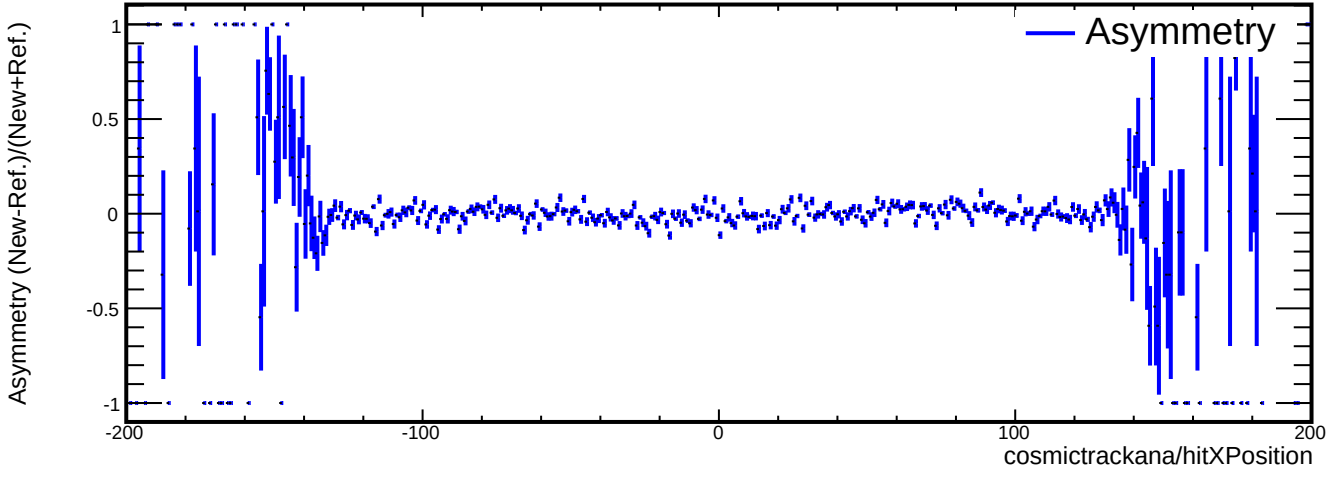

KS 0.187759, chi2 4.93685e-17
2012-07-21
2012-07-22
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

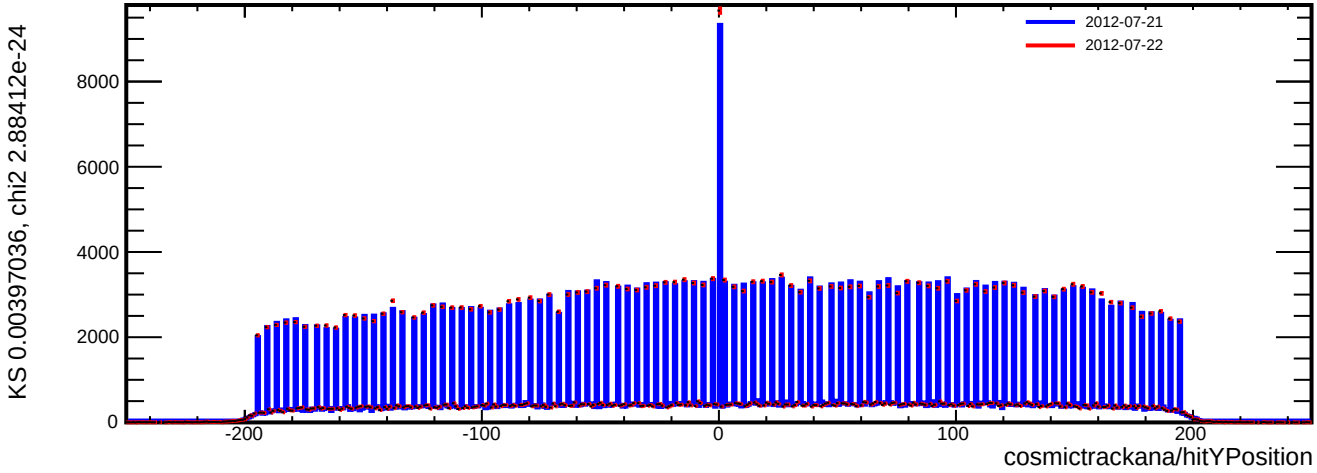

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY

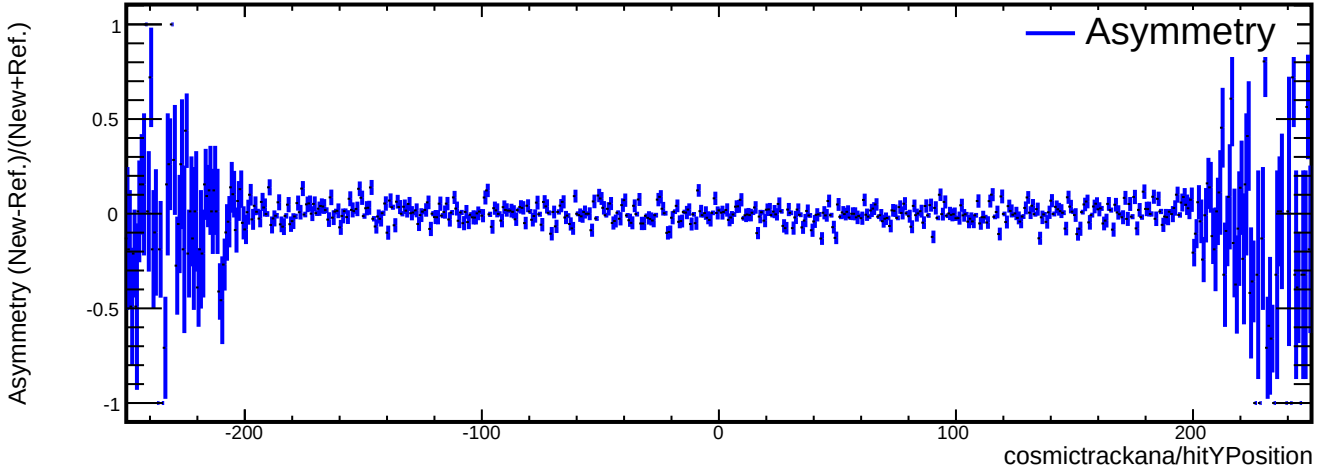

KS 0.2984, chi2 1.65655e-38
2012-07-21
2012-07-22
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

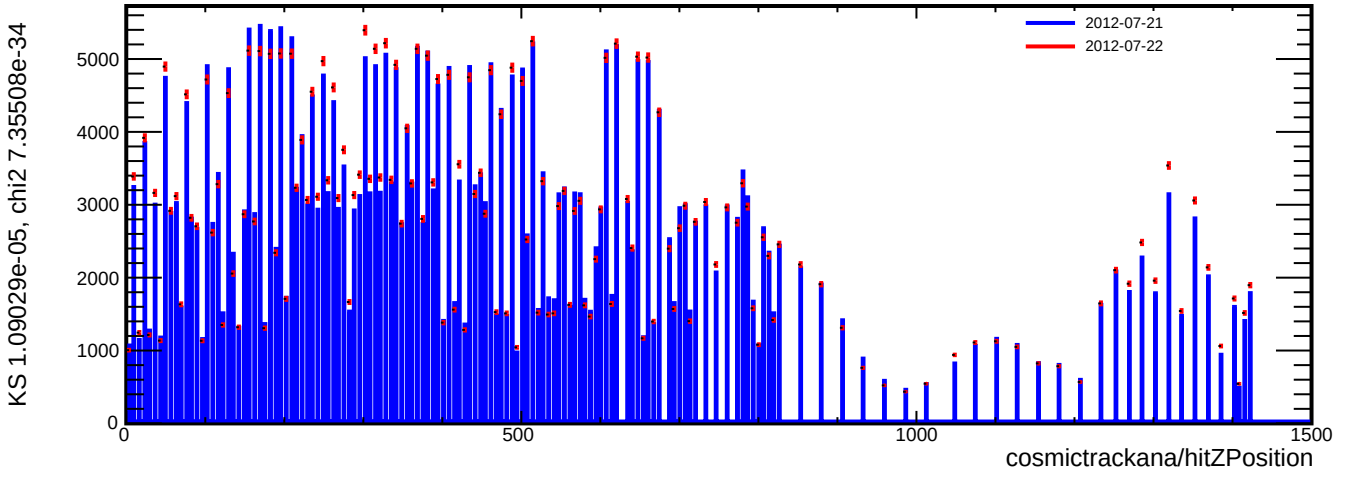

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ

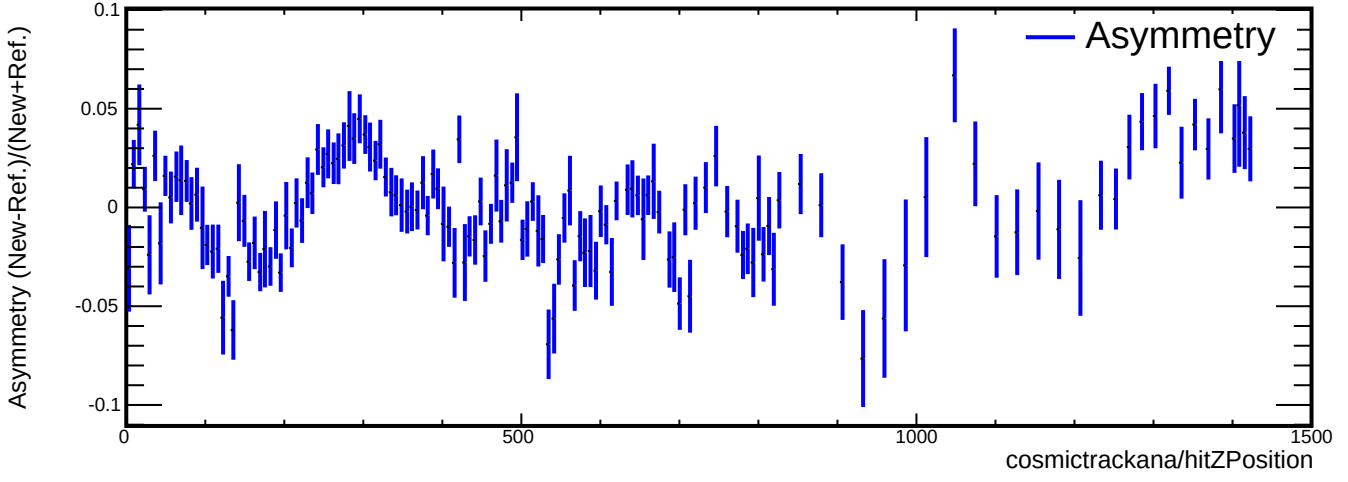

KS 1.92537e-11, chi2 1.29158e-78
2012-07-21
2012-07-22
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

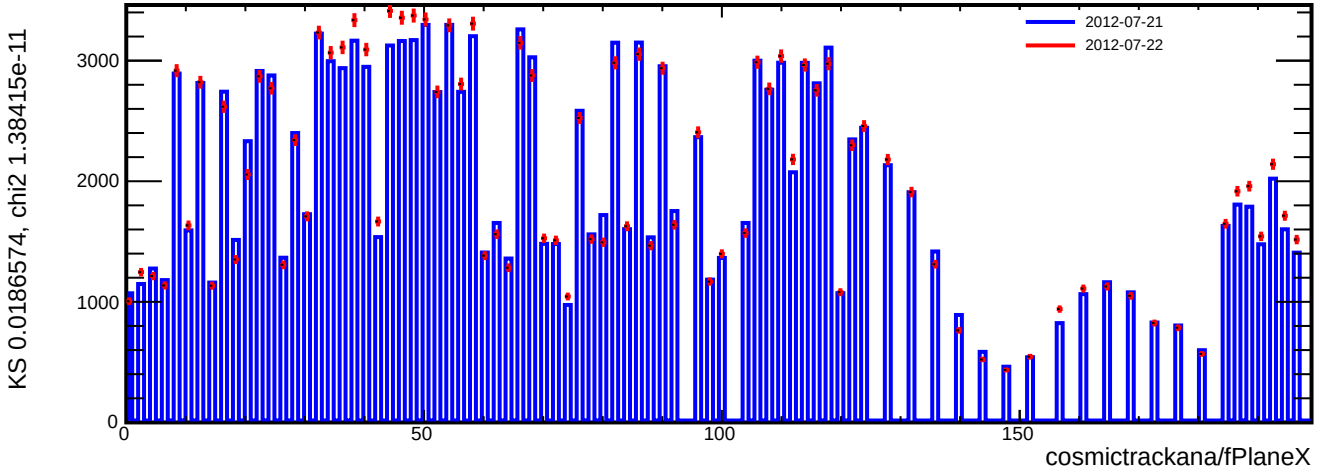

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

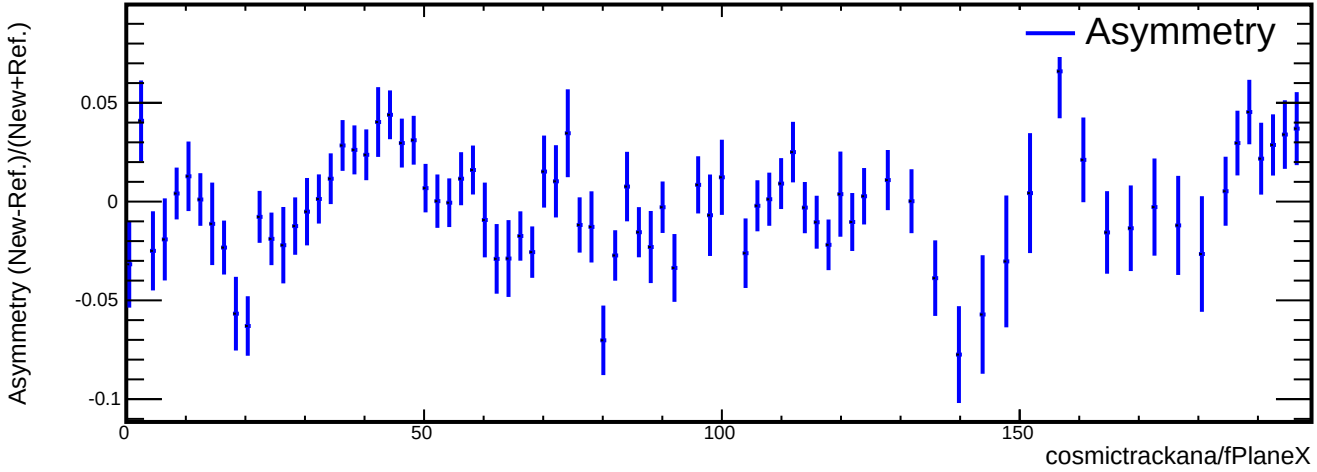

KS 0.00397036, chi2 2.88412e-24
2012-07-21
2012-07-22
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition

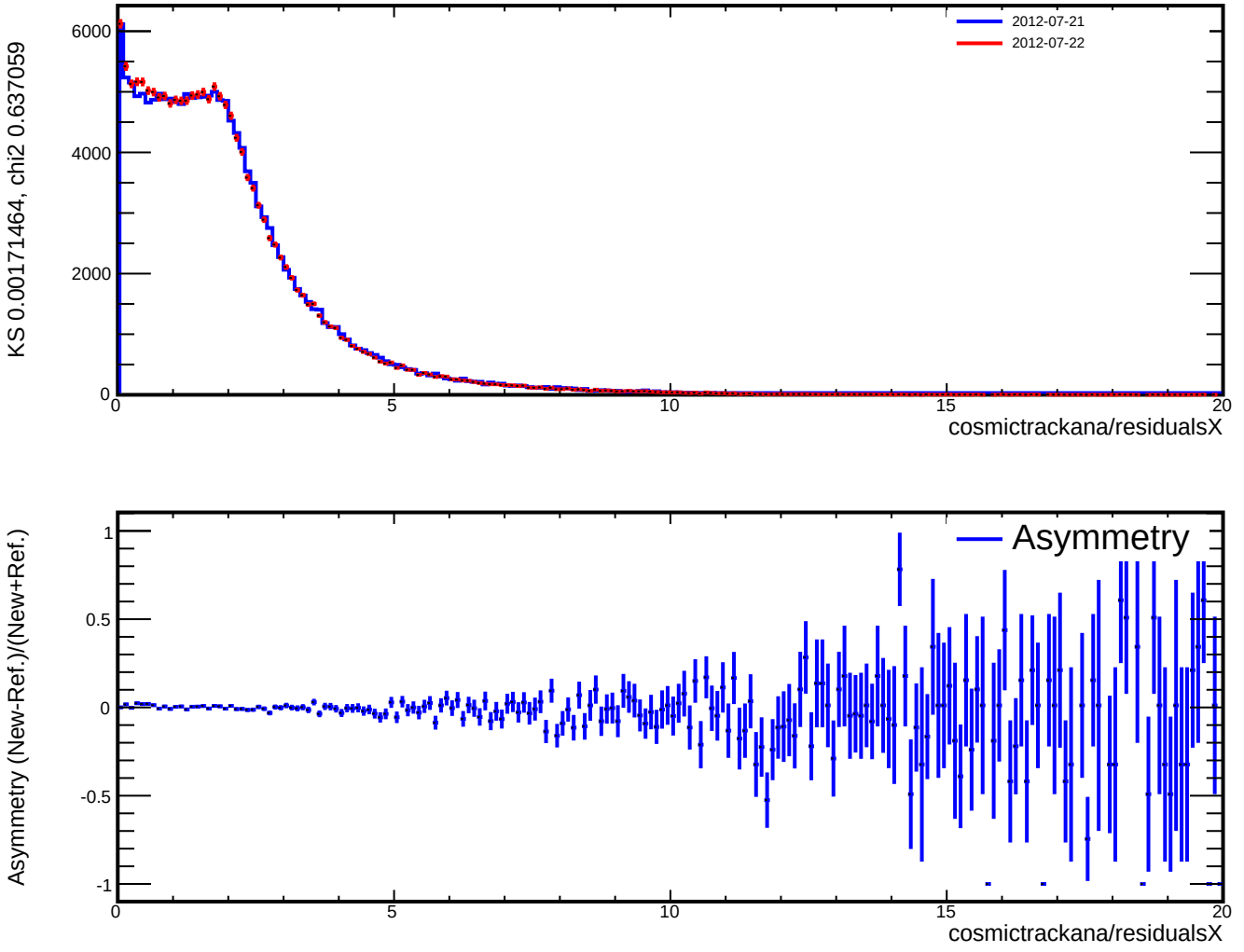

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition

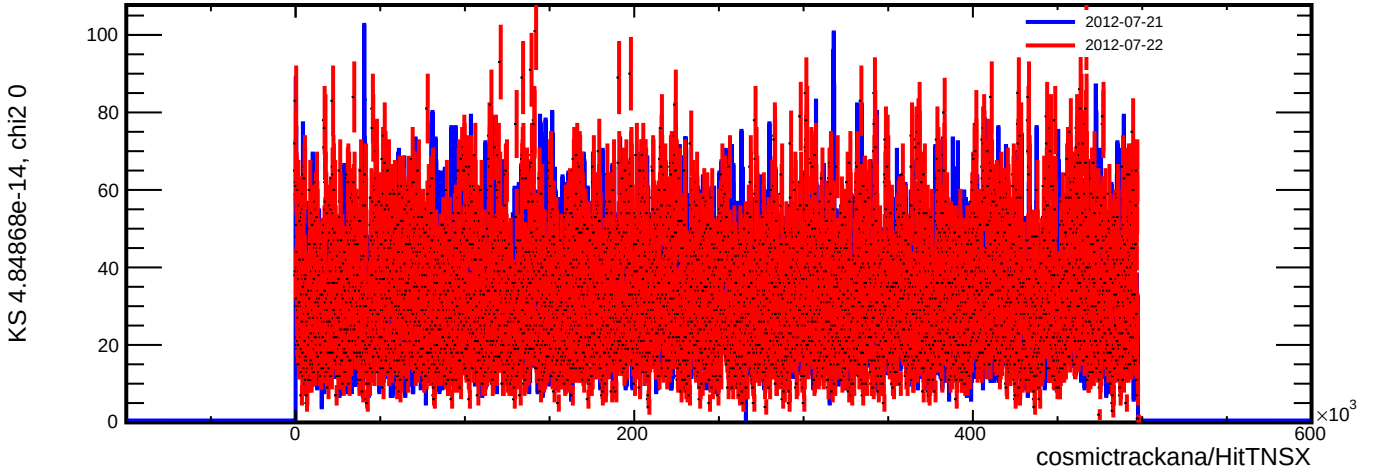

KS 1.09029e-05, chi2 7.35508e-34
2012-07-21
2012-07-22
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

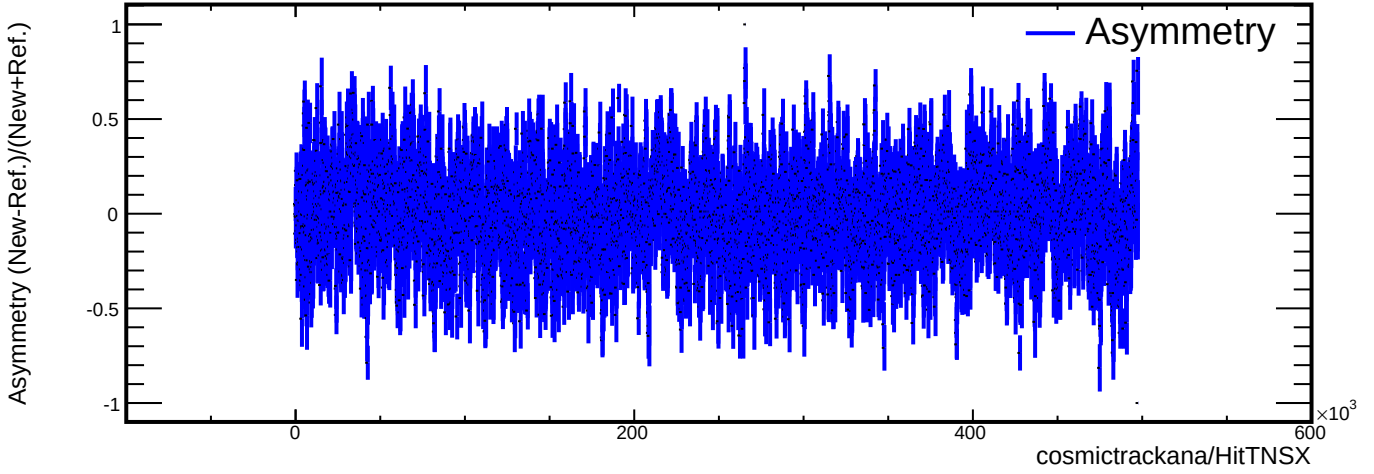

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
-0.1
0
500
1000
1500
cosmictrackana/hitZPosition

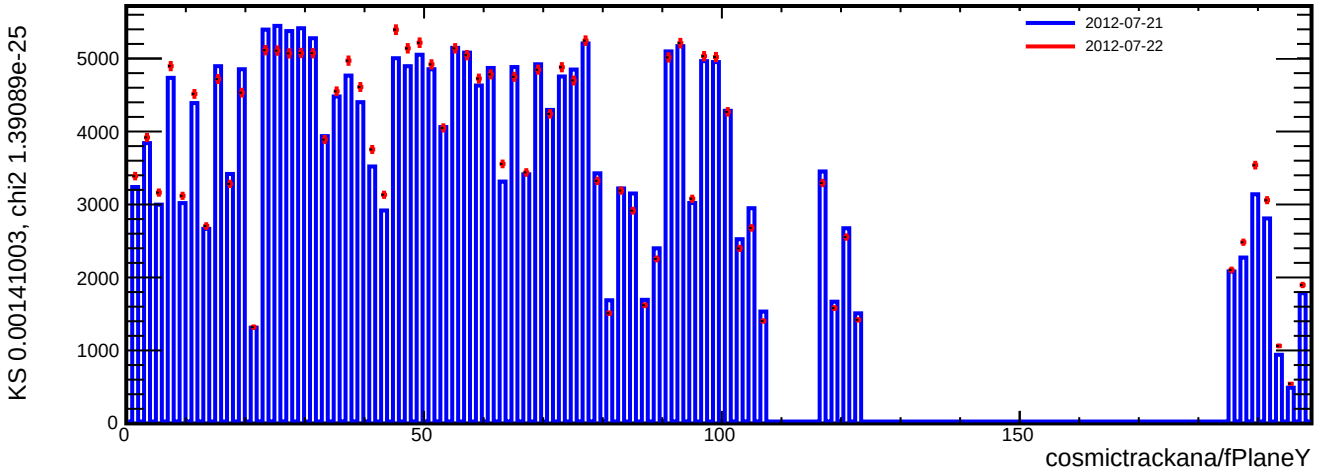

KS 0.0186574, chi2 1.38415e-11
2012-07-21
2012-07-22
3000
2000
1000
0
0
50
100
150
cosmictrackana/fPlaneX

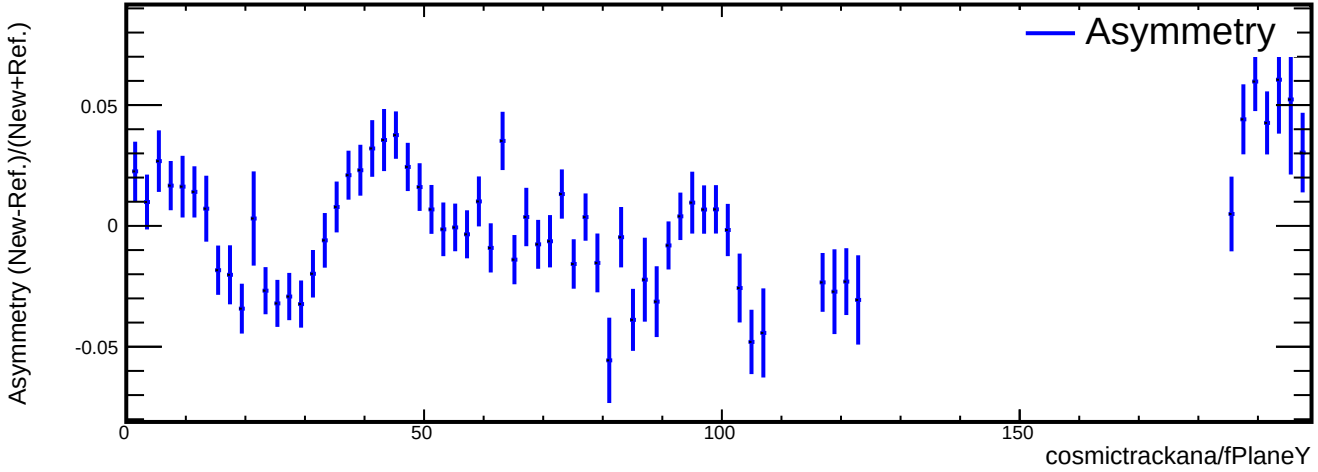

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
-0.1
0
50
100
150
cosmictrackana/fPlaneX

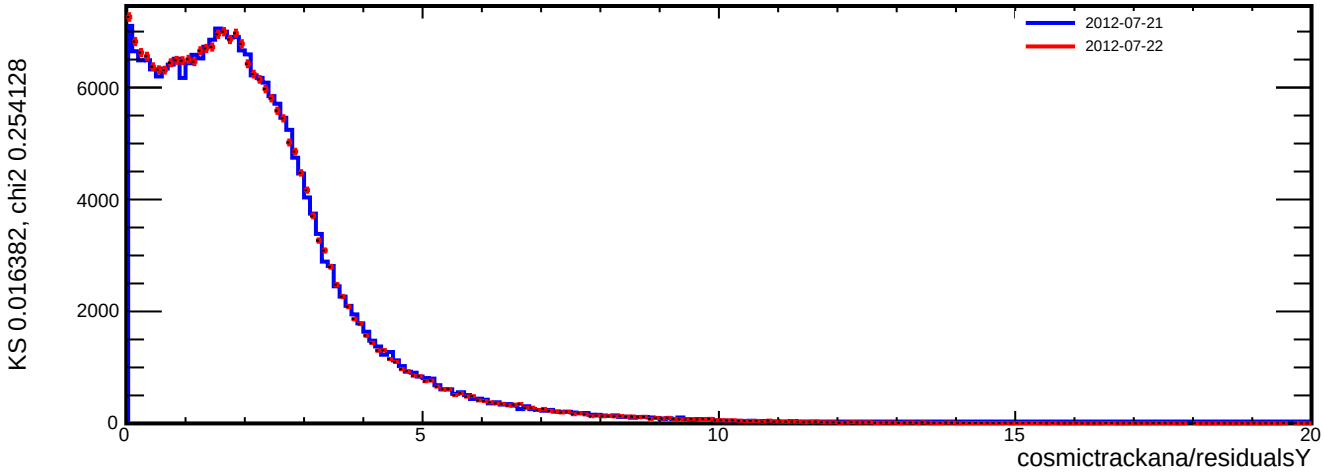

KS 0.00171464, chi2 0.637059
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsX
2012-07-21
2012-07-22
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
5
10
15
20
cosmictrackana/residualsX
Asymmetry

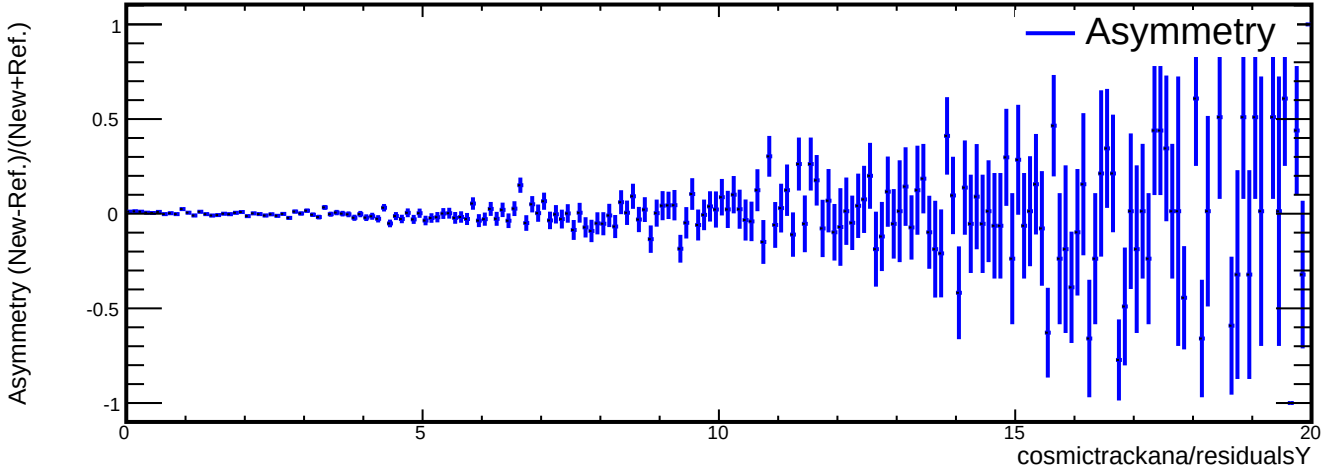

2012-07-21
2012-07-22
KS 4.84868e-14, chi2 0
100
80
60
40
20
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX

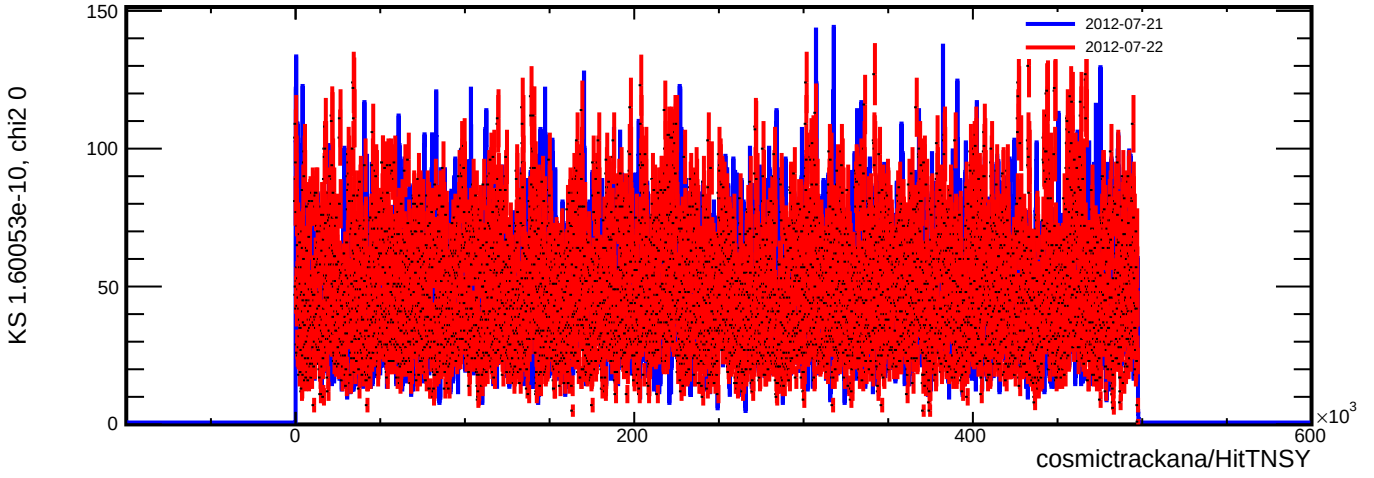

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX

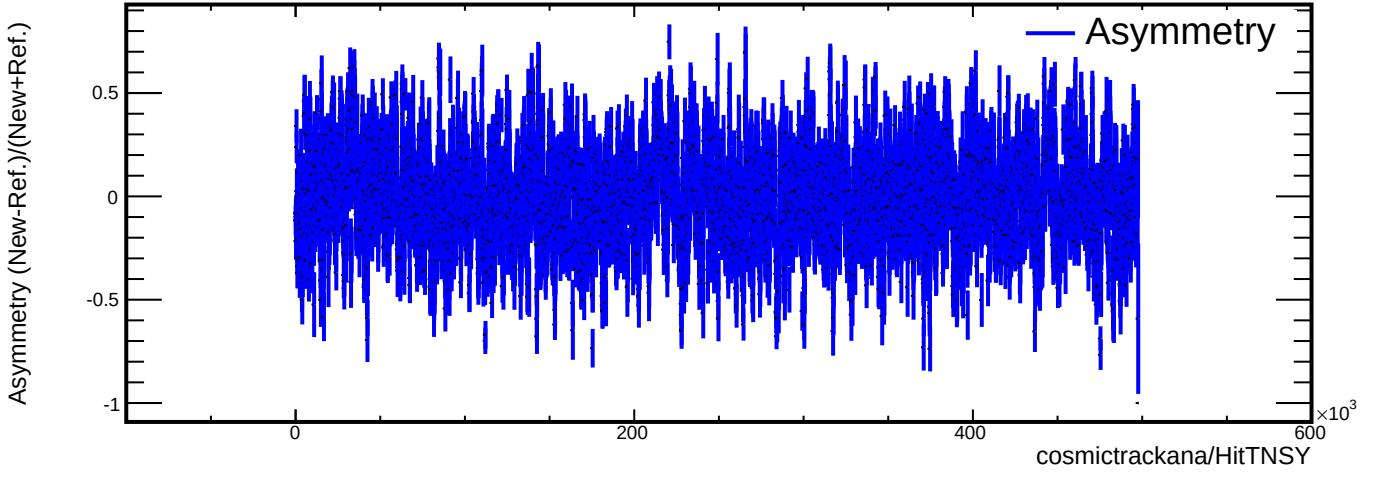

KS 0.00141003, chi2 1.39089e-25
2012-07-21
2012-07-22
0
1000
2000
3000
4000
5000
0
50
100
150
cosmictrackana/fPlaneY


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


KS 0.016382, chi2 0.254128
2012-07-21
2012-07-22
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 1.60053e-10, chi2 0
150
100
50
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY
2012-07-21
2012-07-22


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