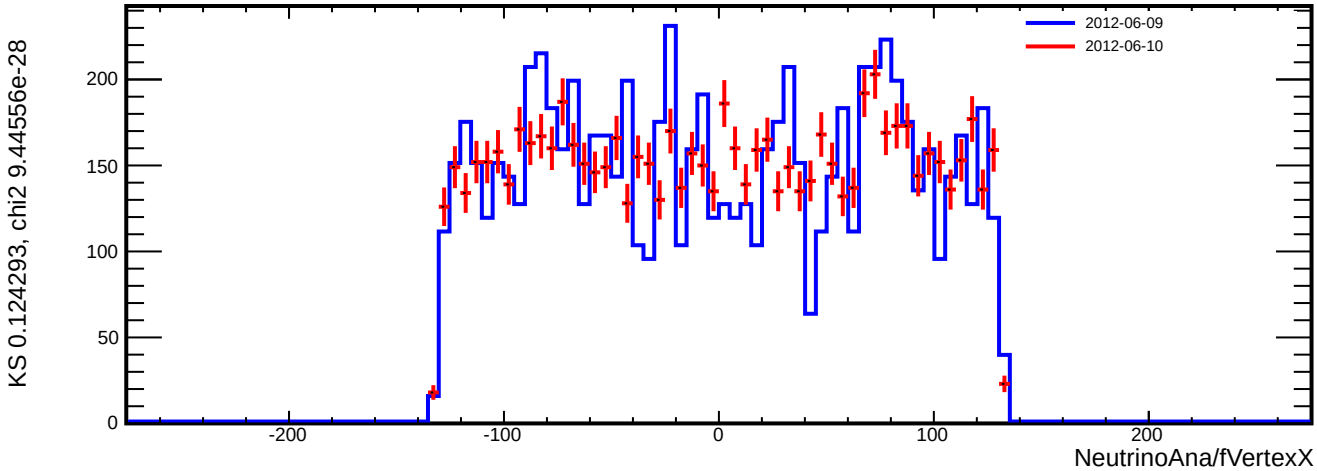
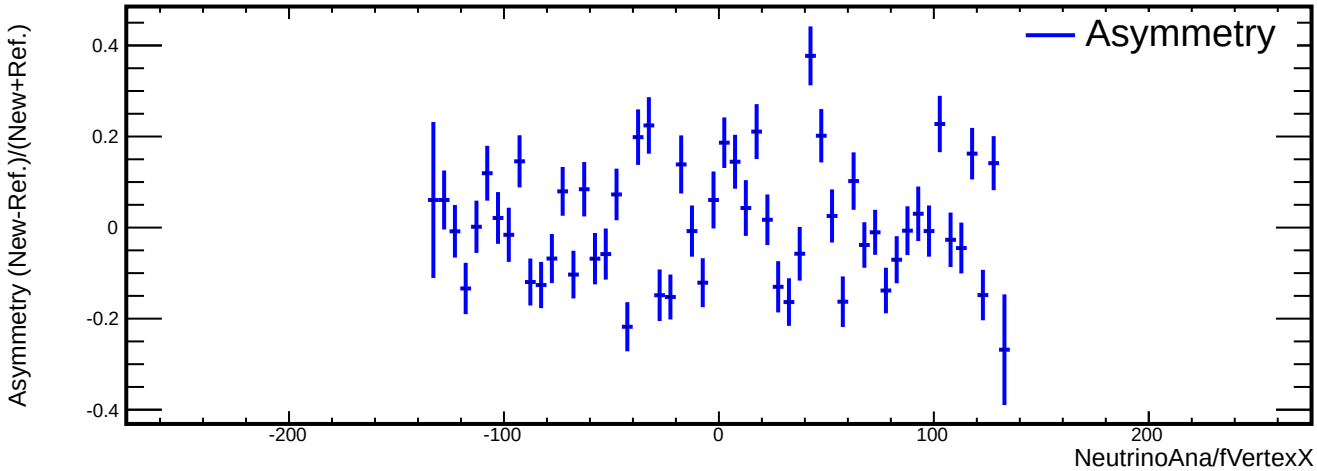
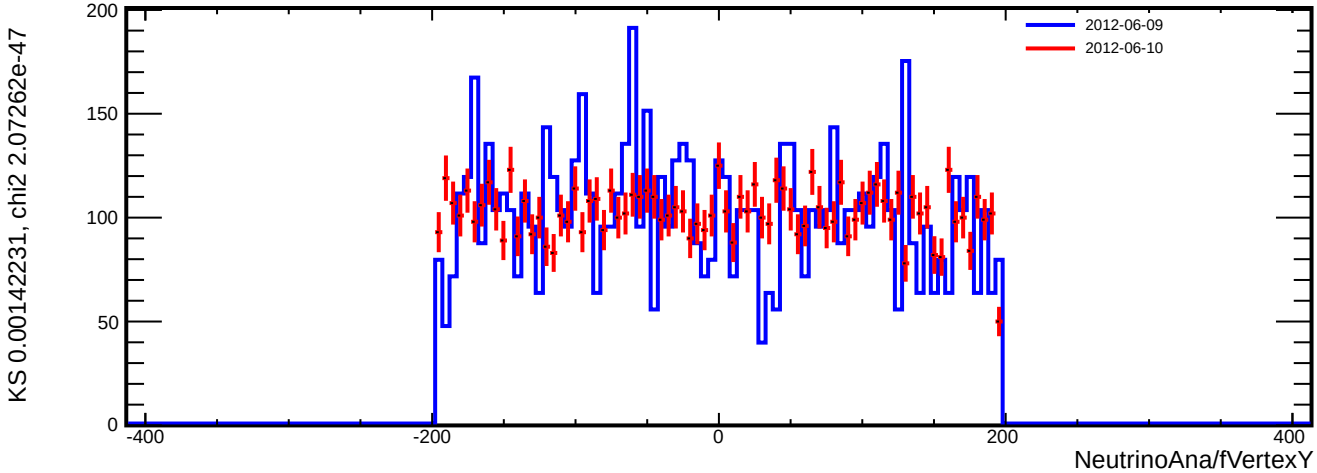
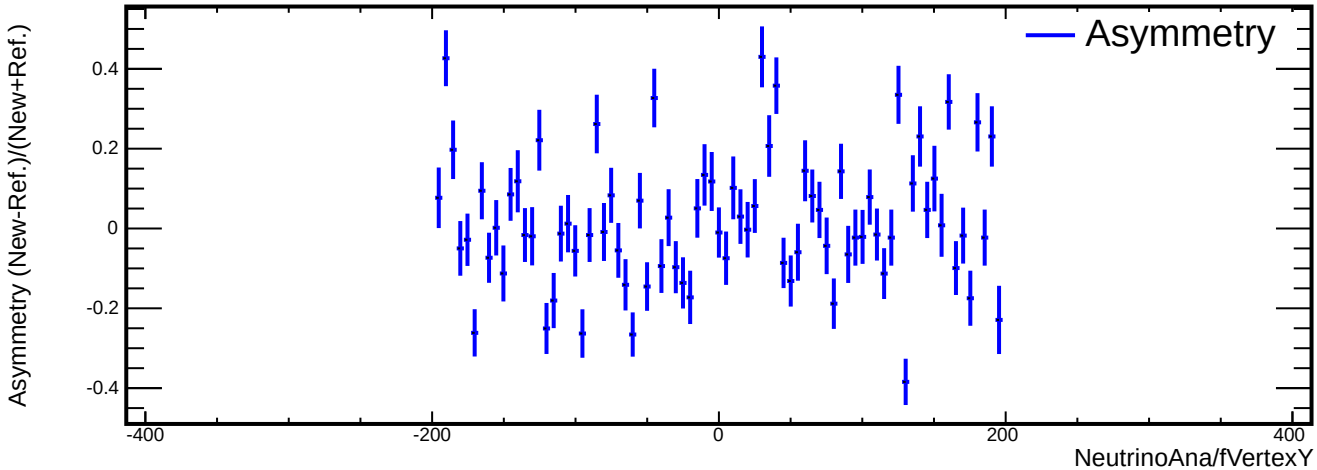
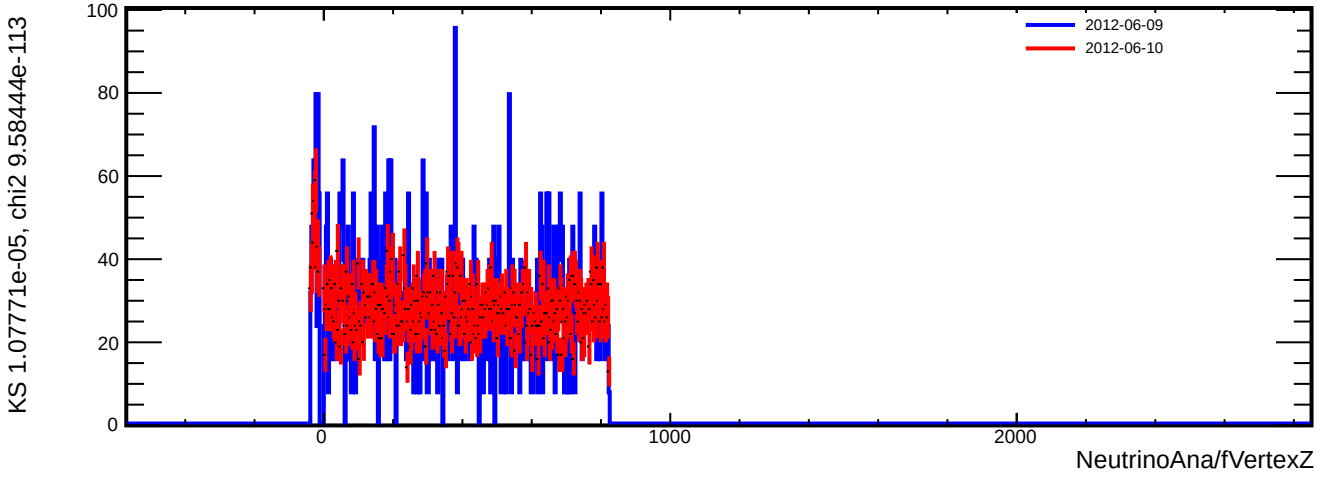
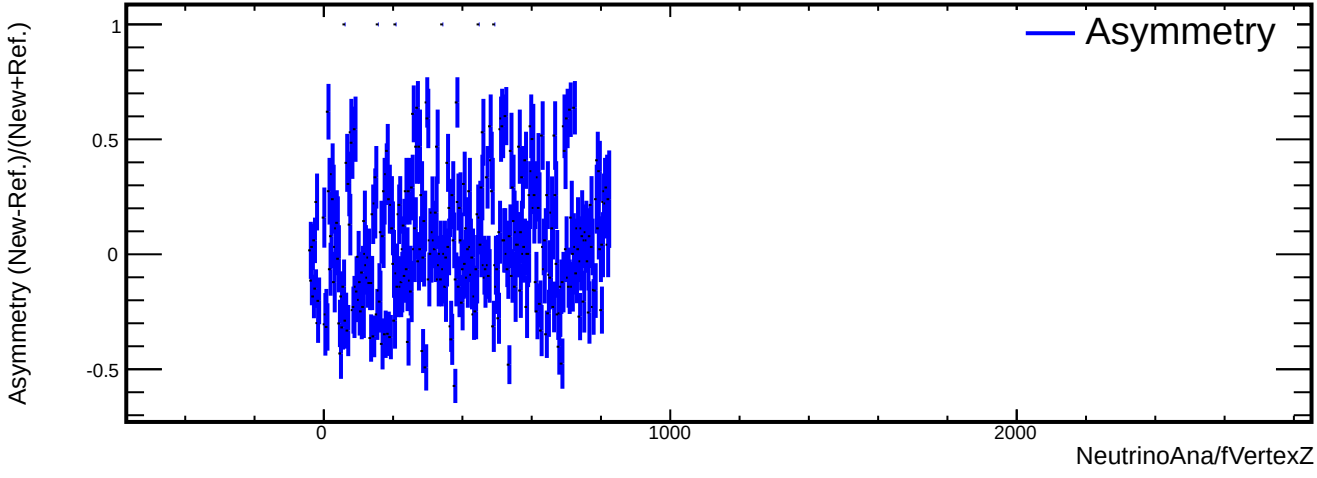

KS 0.124293, chi2 9.44556e-28
2012-06-09
2012-06-10
NeutrinoAna/fVertexX

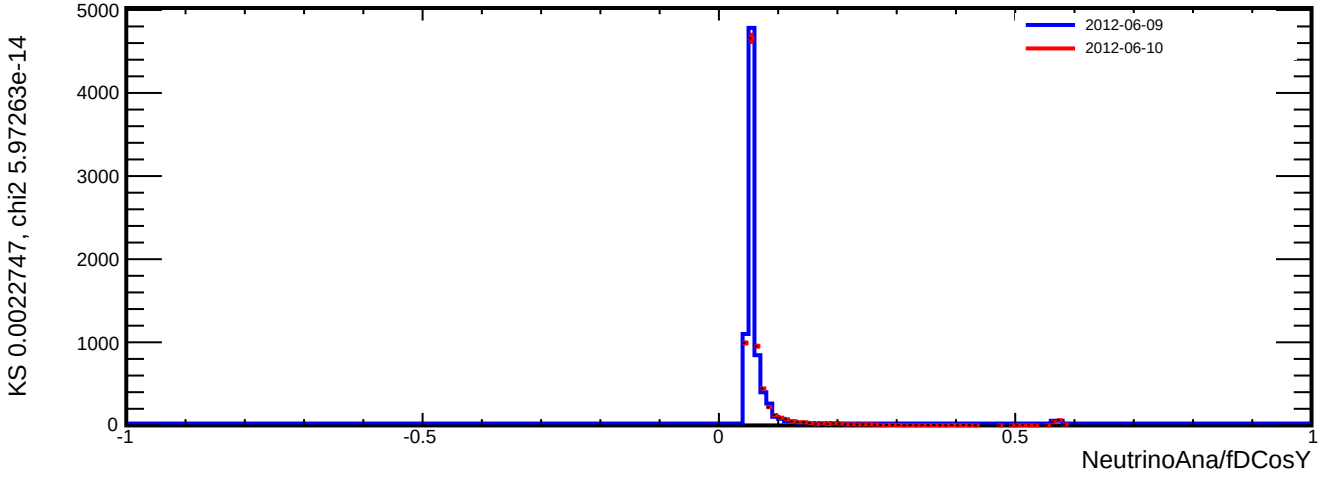

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fVertexX

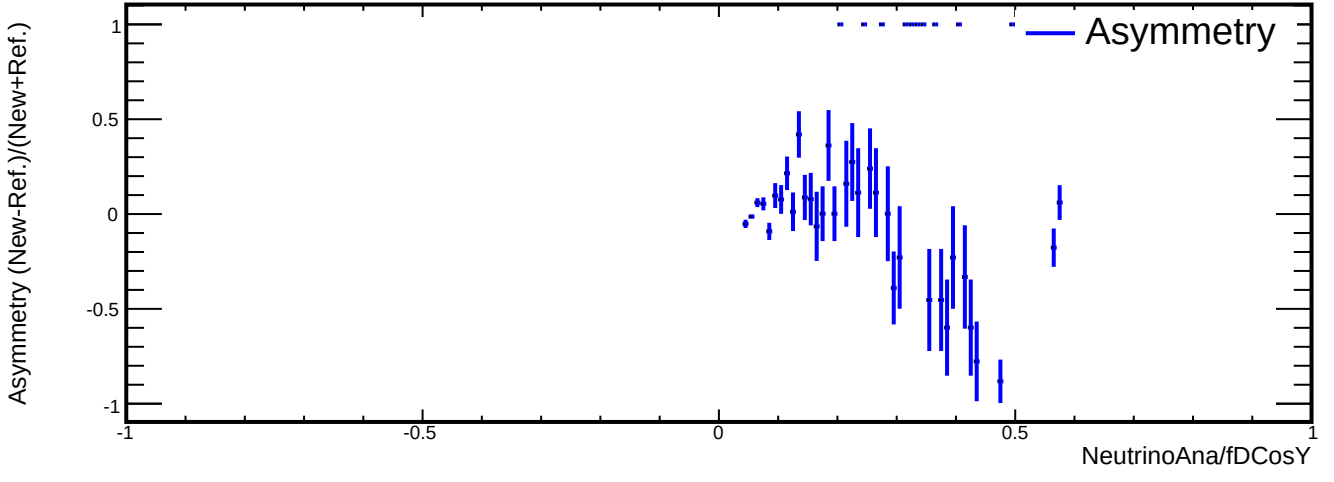

KS 0.00142231, chi2 2.07262e-47
200
150
100
50
0
-400
-200
0
200
400
NeutrinoAna/fVertexY
2012-06-09
2012-06-10

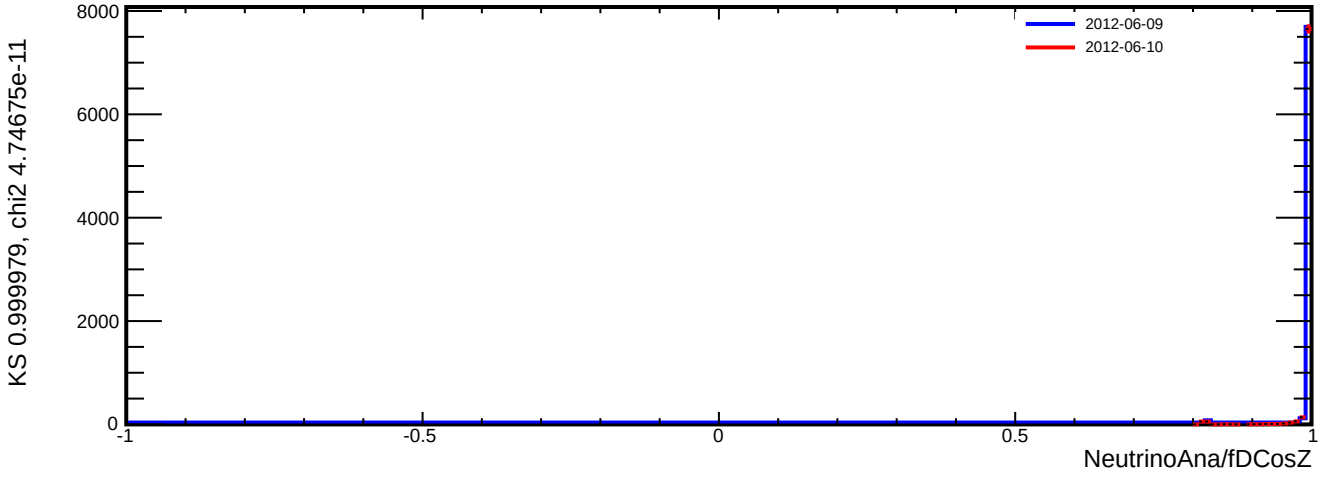

Asymmetry (New-Ref.)/(New+Ref.)
0.4
0.2
0
-0.2
-0.4
-400
-200
0
200
400
NeutrinoAna/fVertexY
Asymmetry

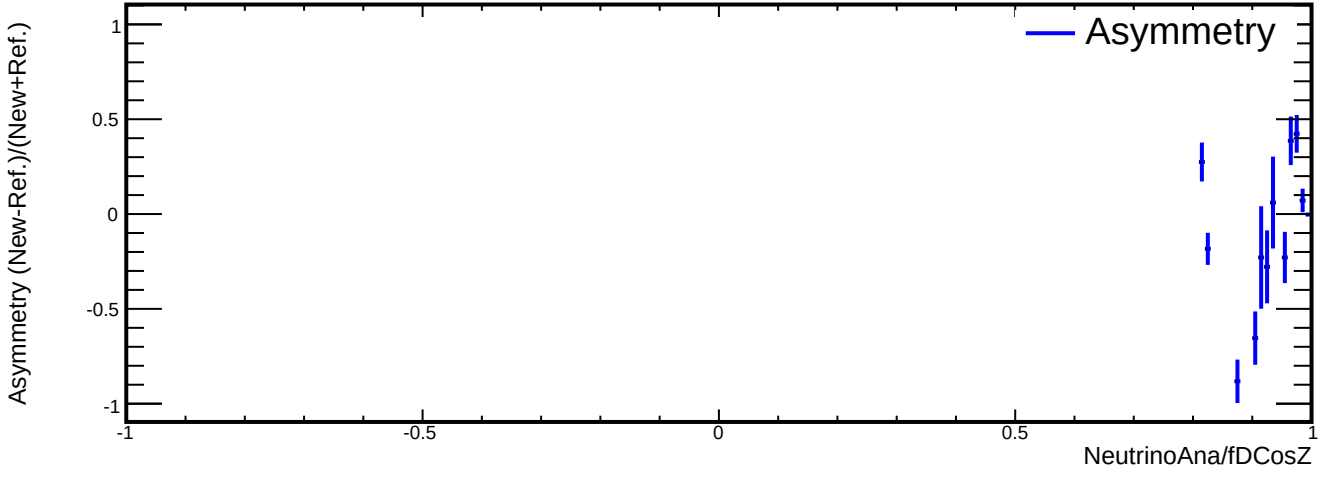

KS 1.07771e-05, chi2 9.58444e-113
100
80
60
40
20
0
0
1000
2000
NeutrinoAna/fVertexZ
2012-06-09
2012-06-10

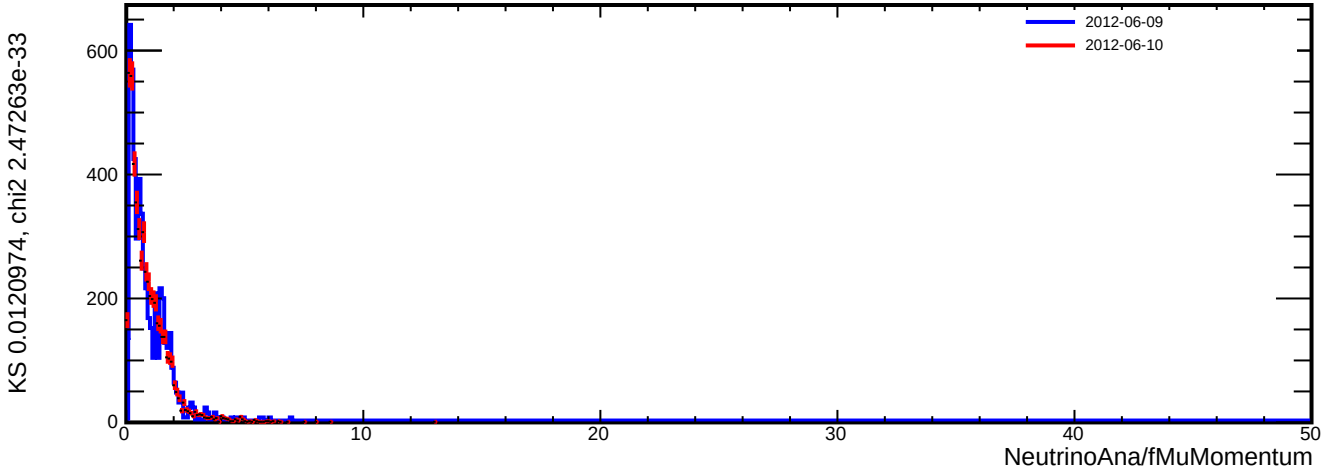

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
0
1000
2000
NeutrinoAna/fVertexZ
Asymmetry

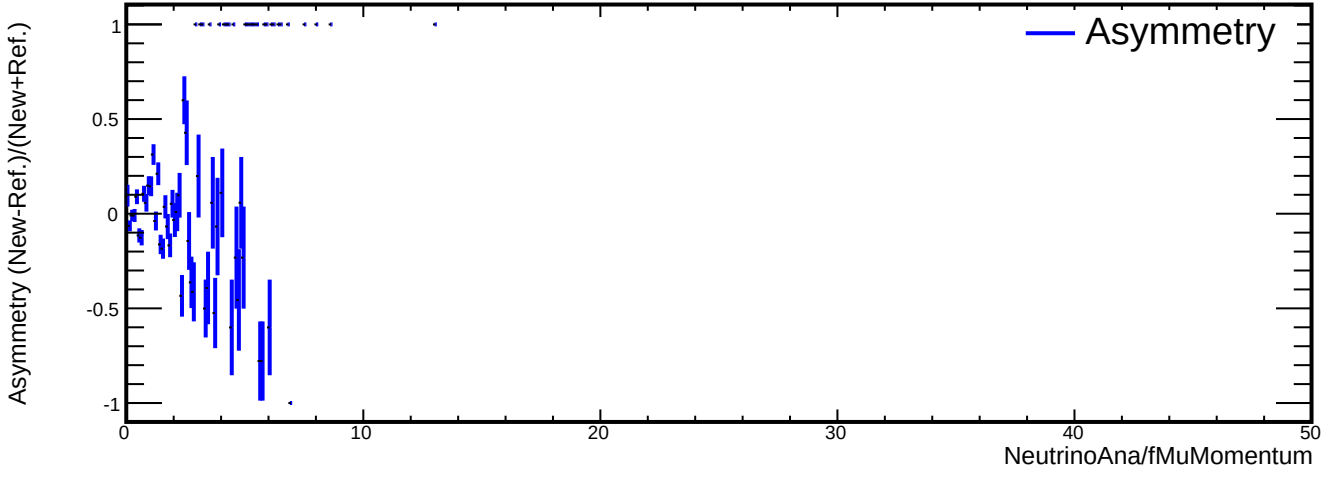

KS 0.0022747, chi2 5.97263e-14
5000
4000
3000
2000
1000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY
2012-06-09
2012-06-10

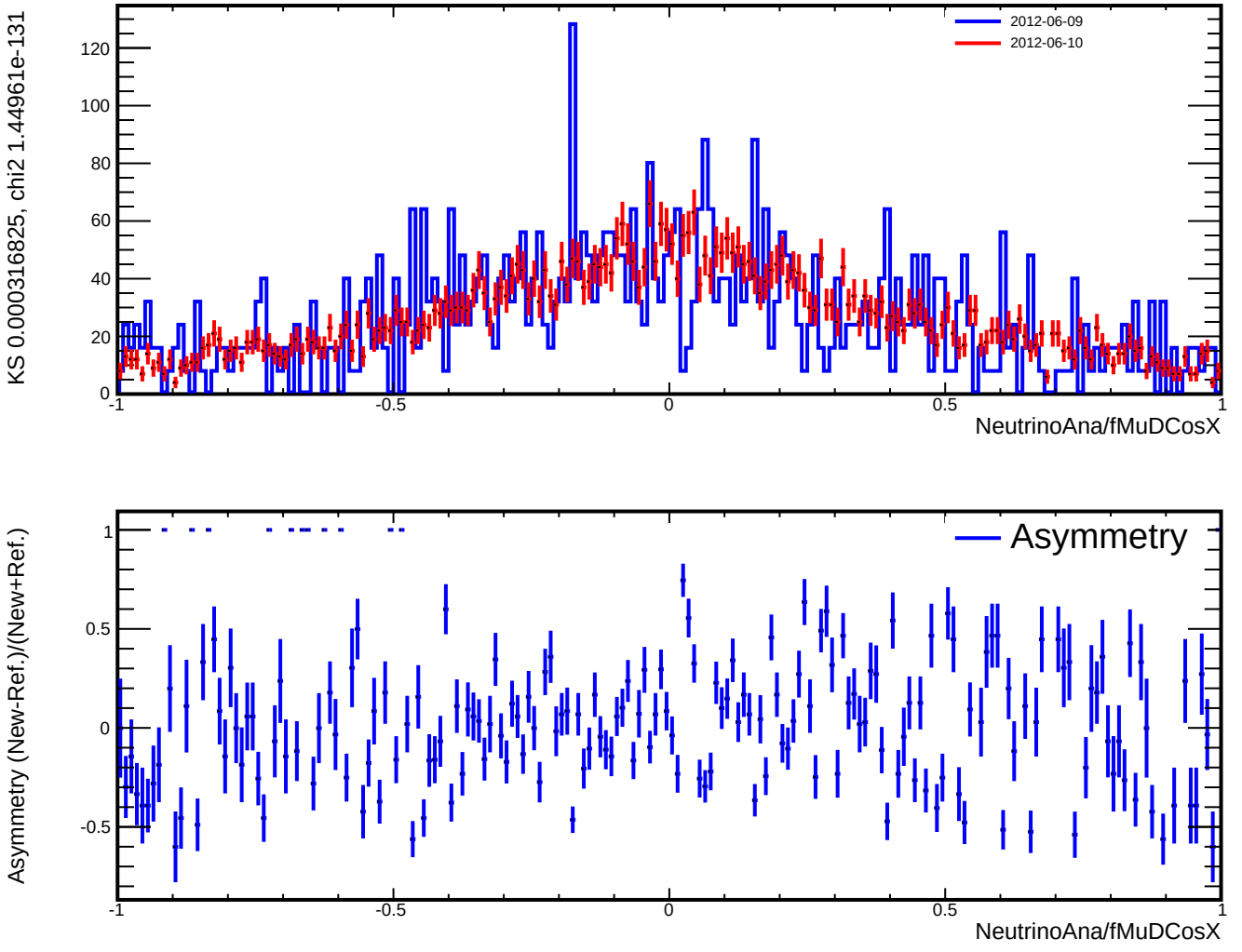

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY
Asymmetry

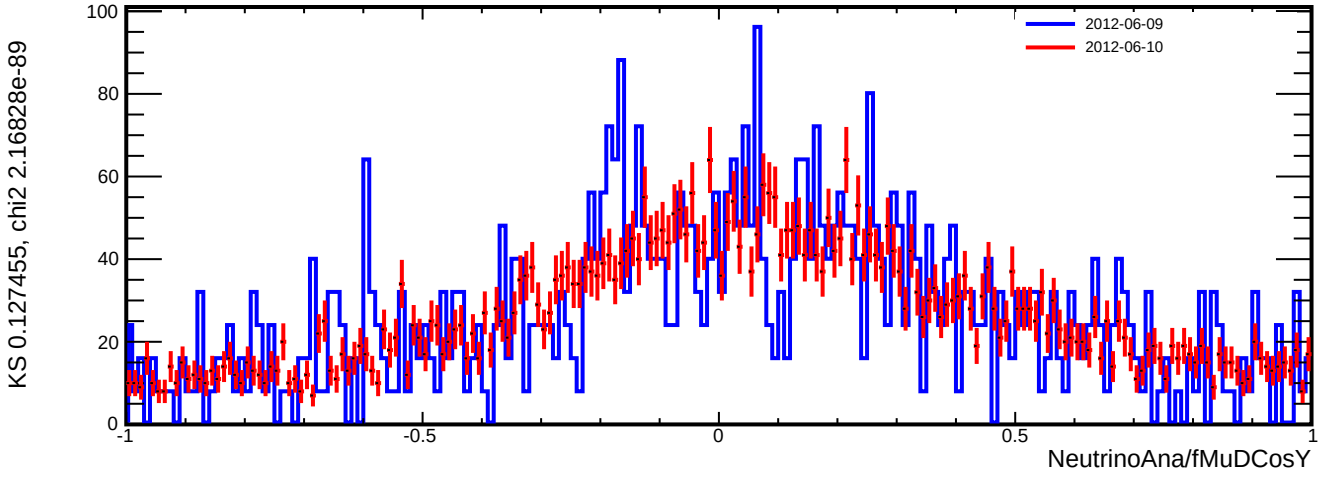

KS 0.999979, chi2 4.74675e-11
8000
6000
4000
2000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
2012-06-09
2012-06-10

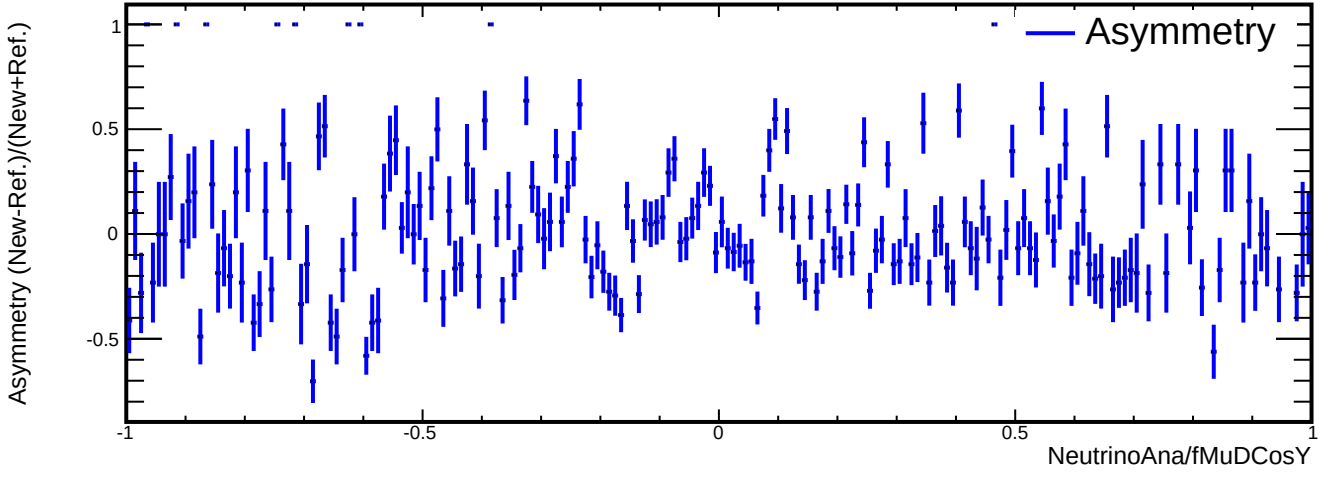

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
Asymmetry

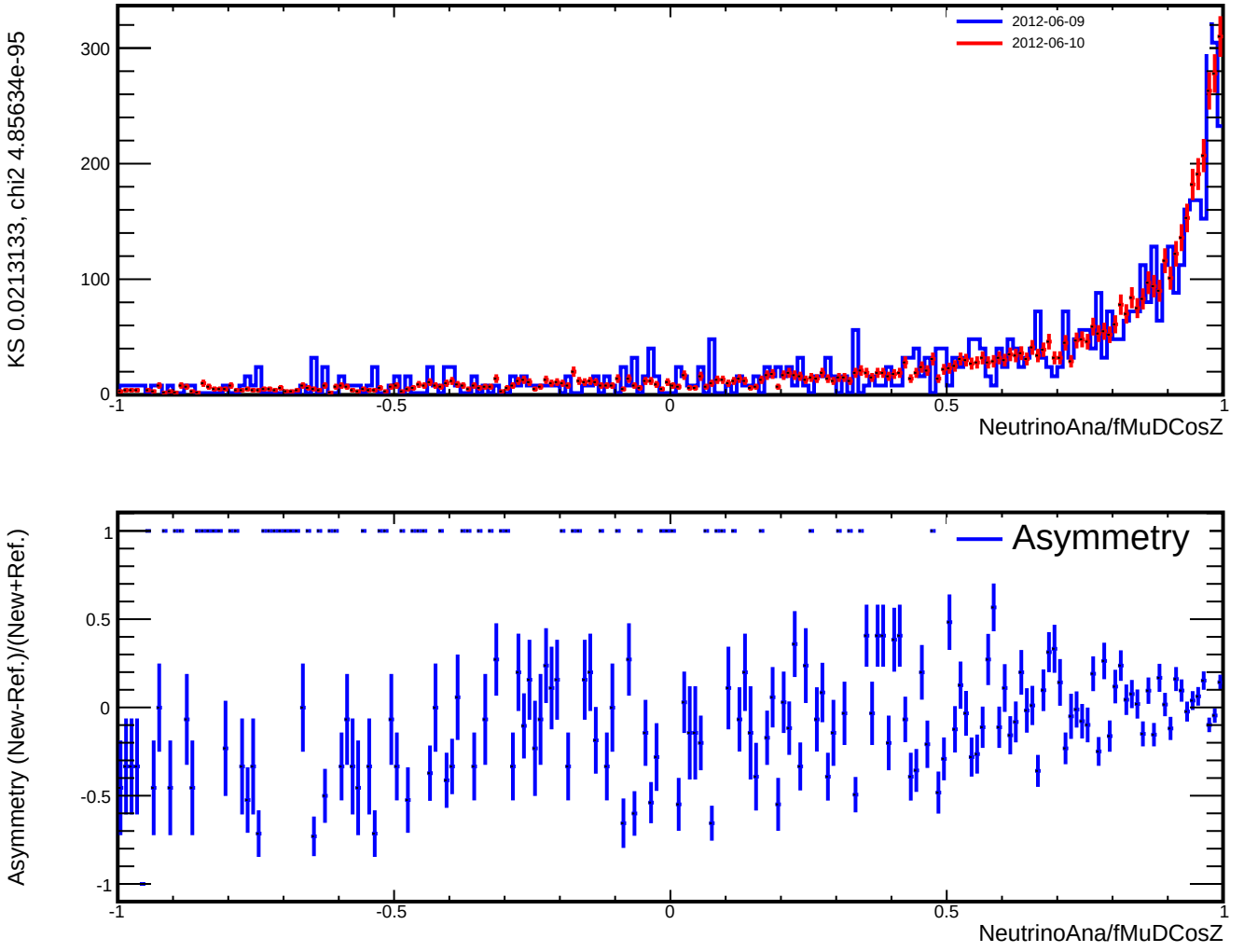

KS 0.0120974, chi2 2.47263e-33
2012-06-09
2012-06-10
600
400
200
0
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

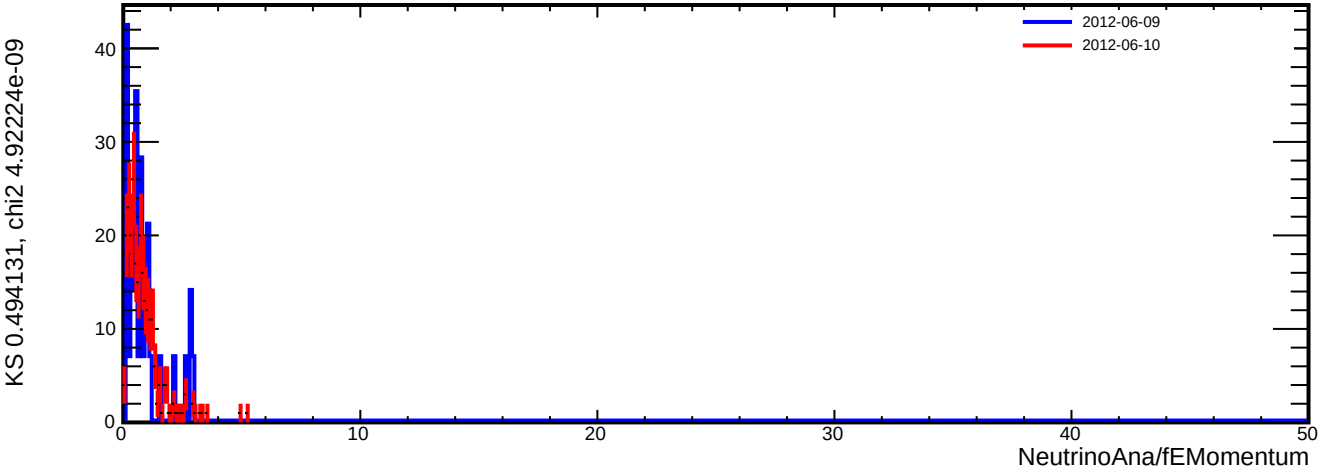

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

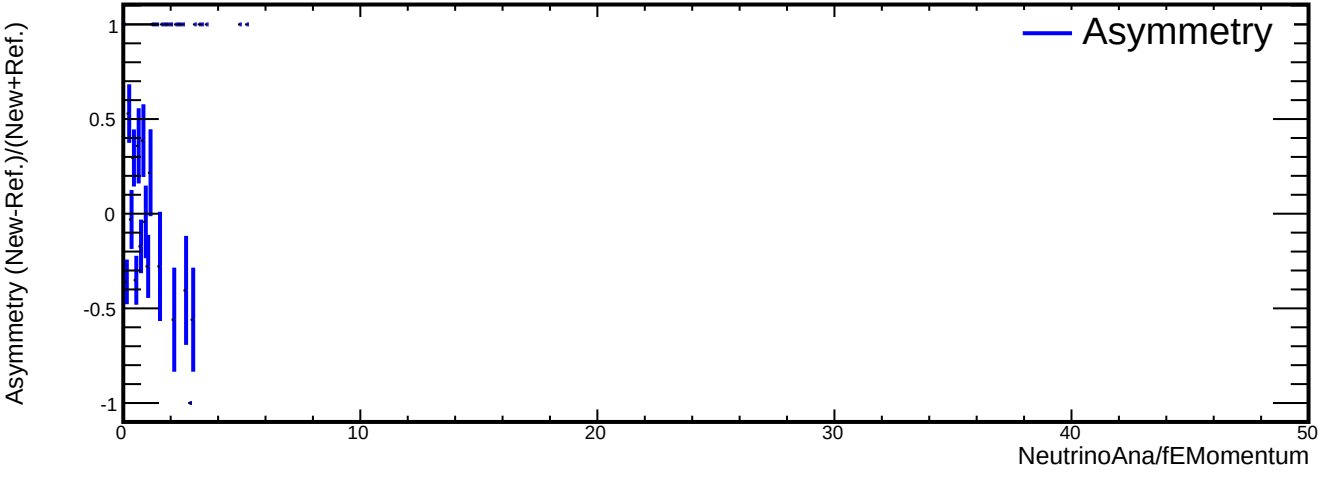

KS 0.000316825, chi2 1.44961e-131
2012-06-09
2012-06-10
NeutrinoAna/fMuDCosX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fMuDCosX

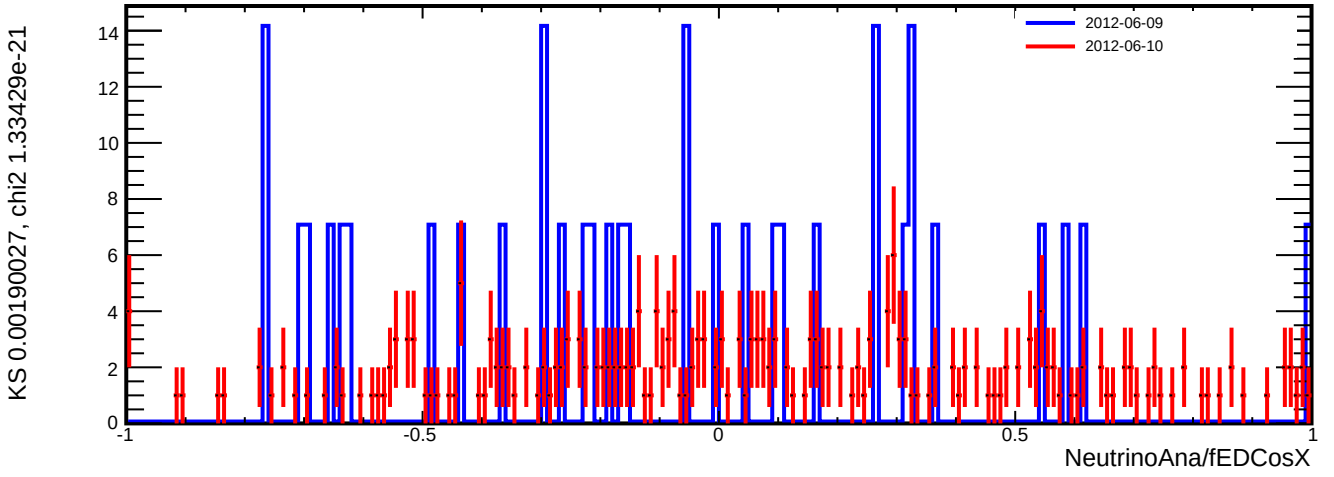

KS 0.127455, chi2 2.16828e-89
2012-06-09
2012-06-10
NeutrinoAna/fMuDCosY

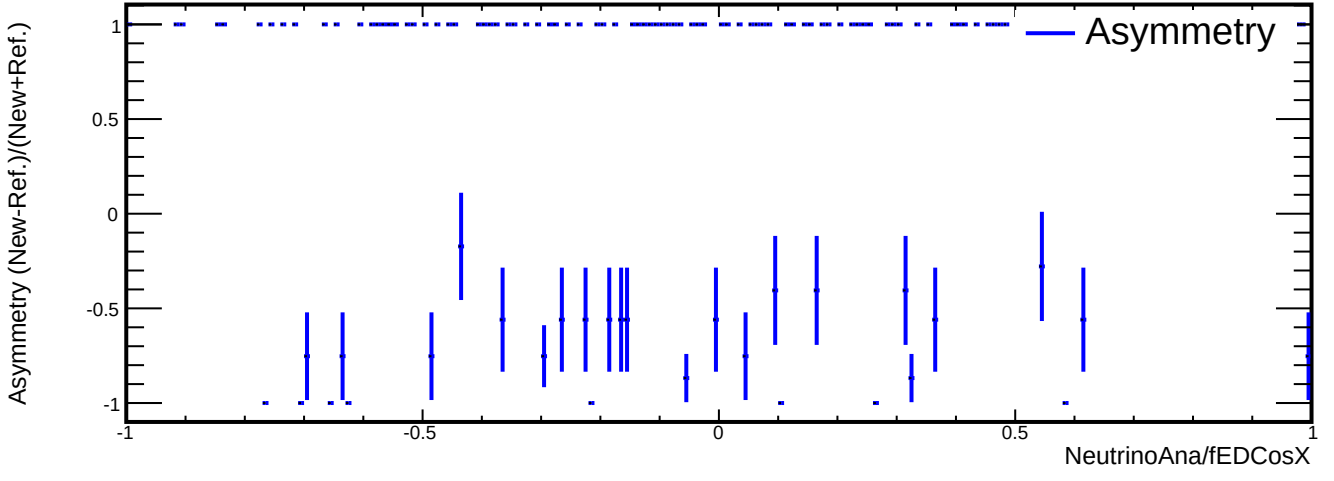

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fMuDCosY

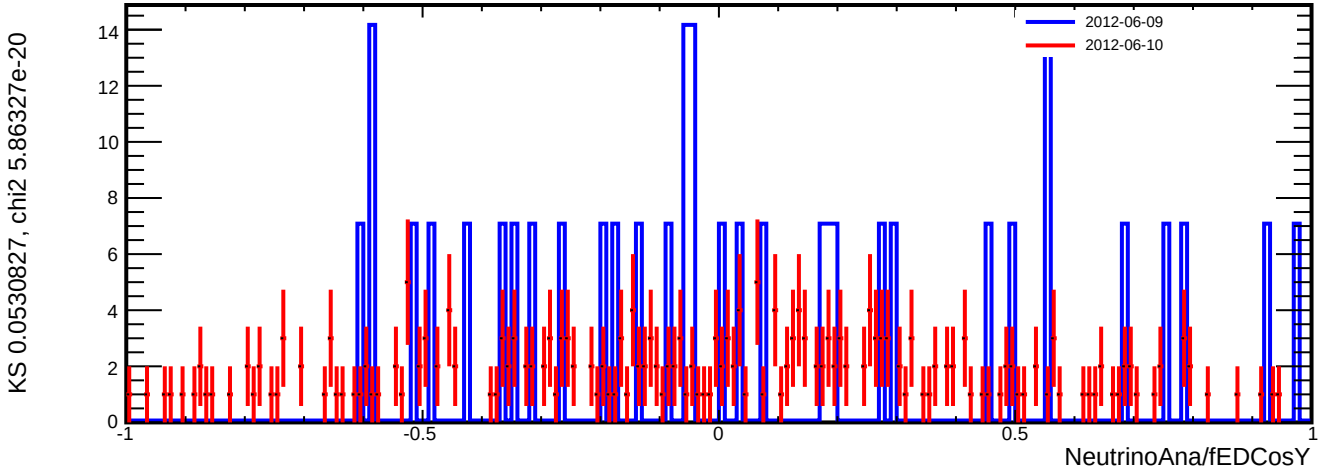

KS 0.0213133, chi2 4.85634e-95
2012-06-09
2012-06-10
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosZ

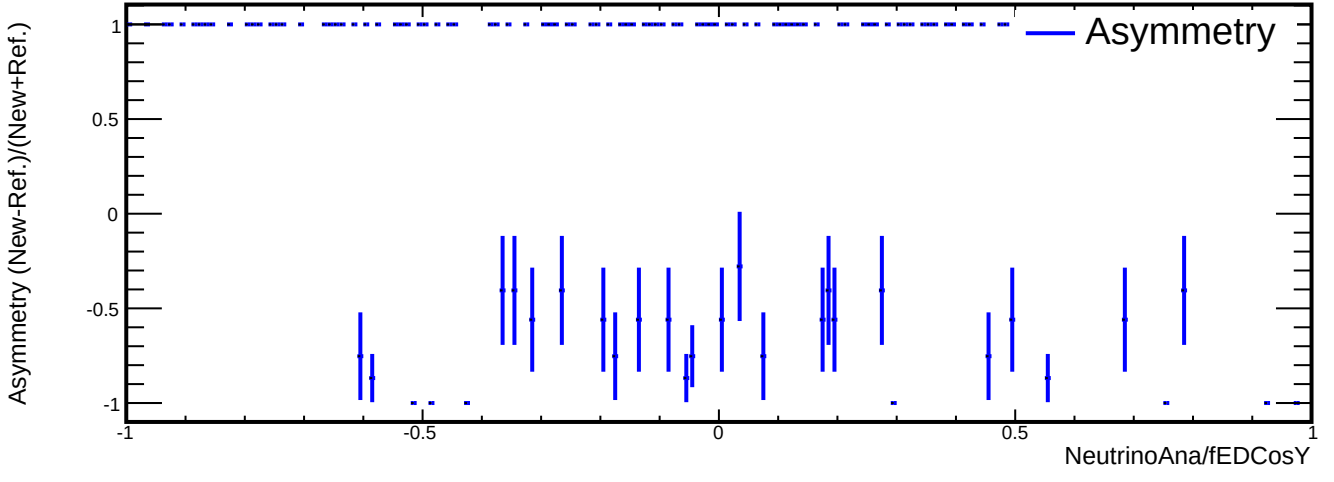

KS 0.494131, chi2 4.92224e-09
2012-06-09
2012-06-10
NeutrinoAna/fEMomentum

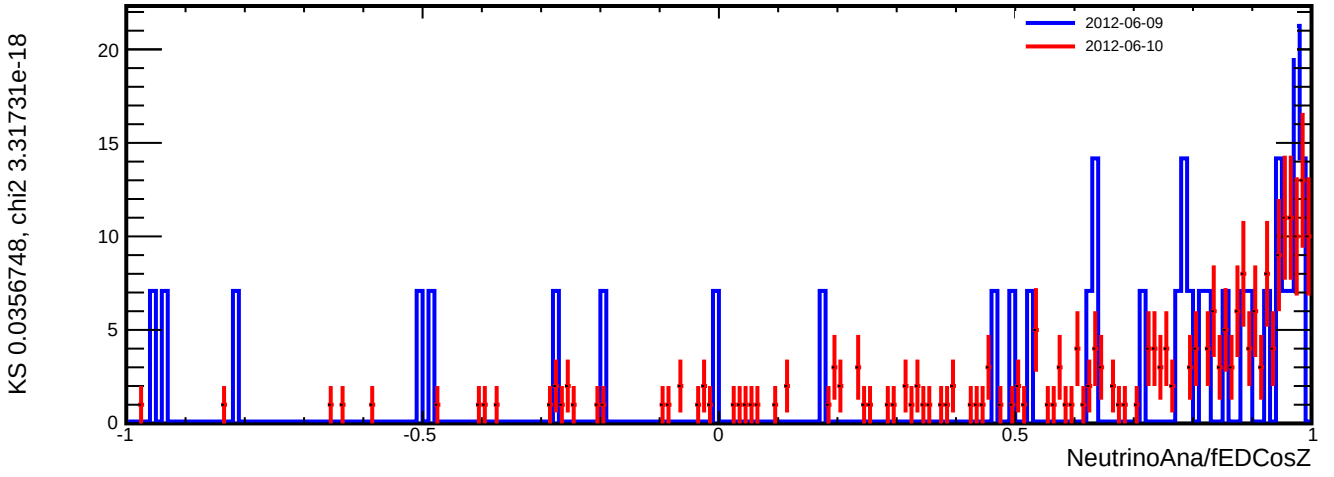

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEMomentum

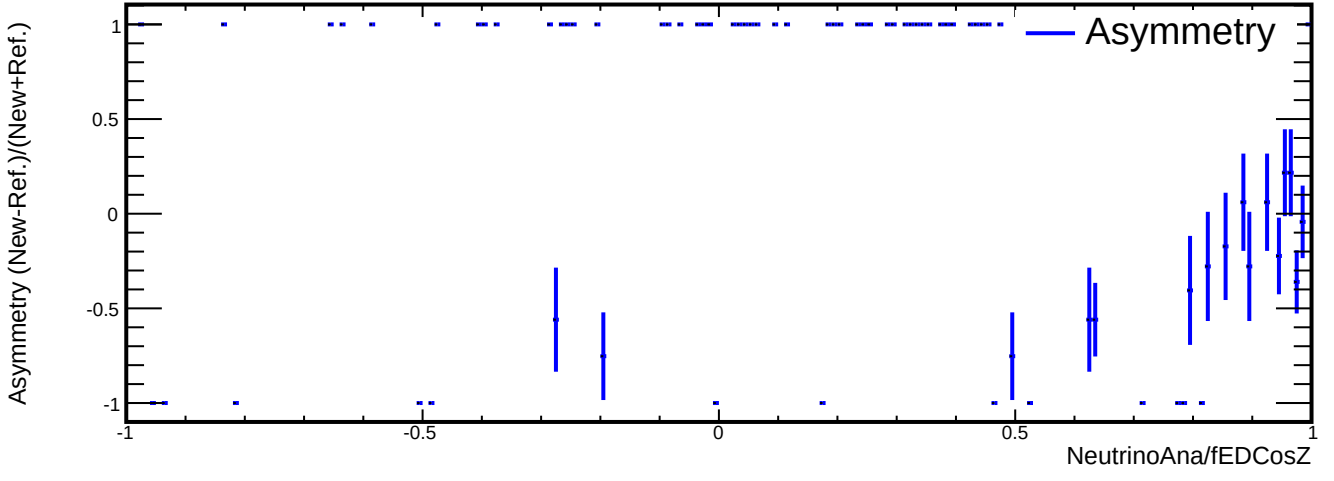

KS 0.00190027, chi2 1.33429e-21
2012-06-09
2012-06-10
NeutrinoAna/fEDCosX

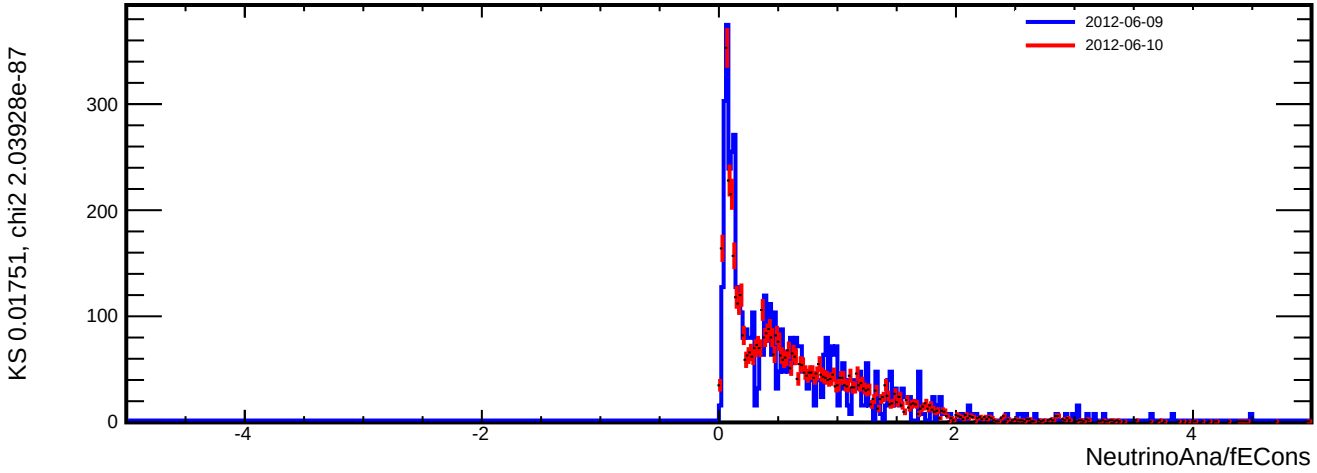

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosX

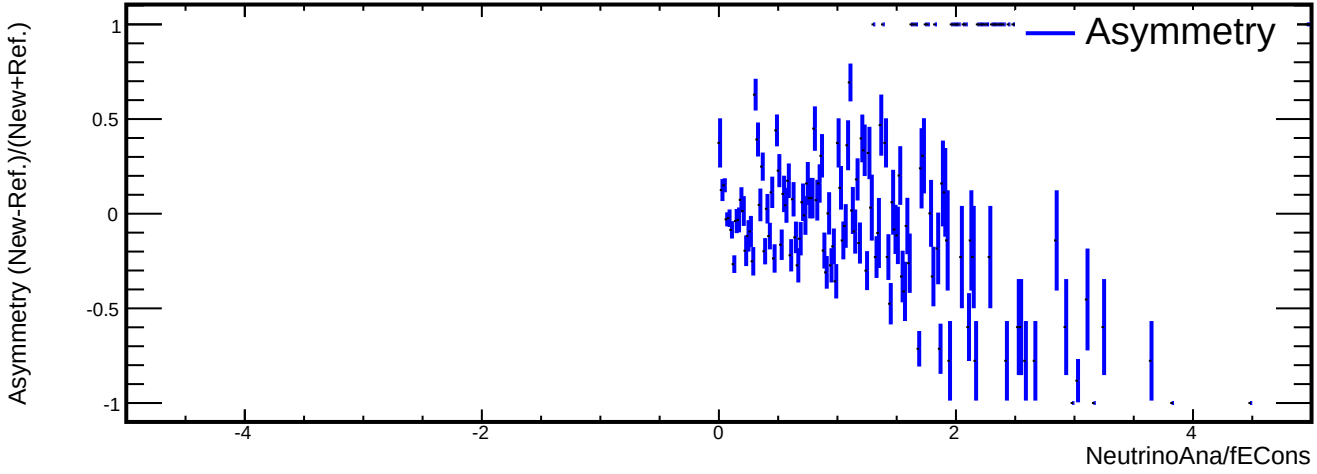

KS 0.0530827, chi2 5.86327e-20
2012-06-09
2012-06-10
NeutrinoAna/fEDCosY

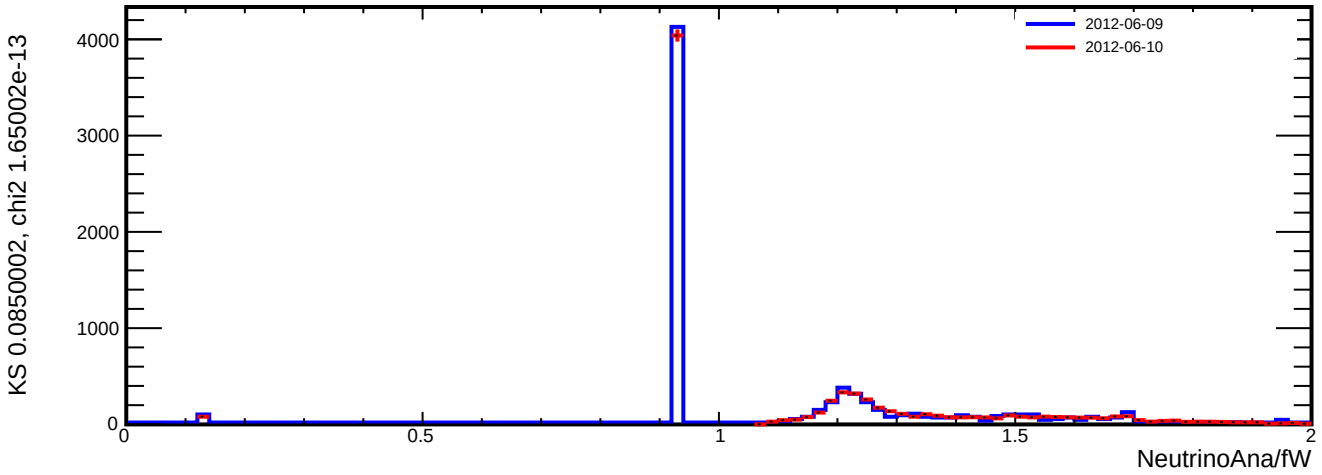

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosY

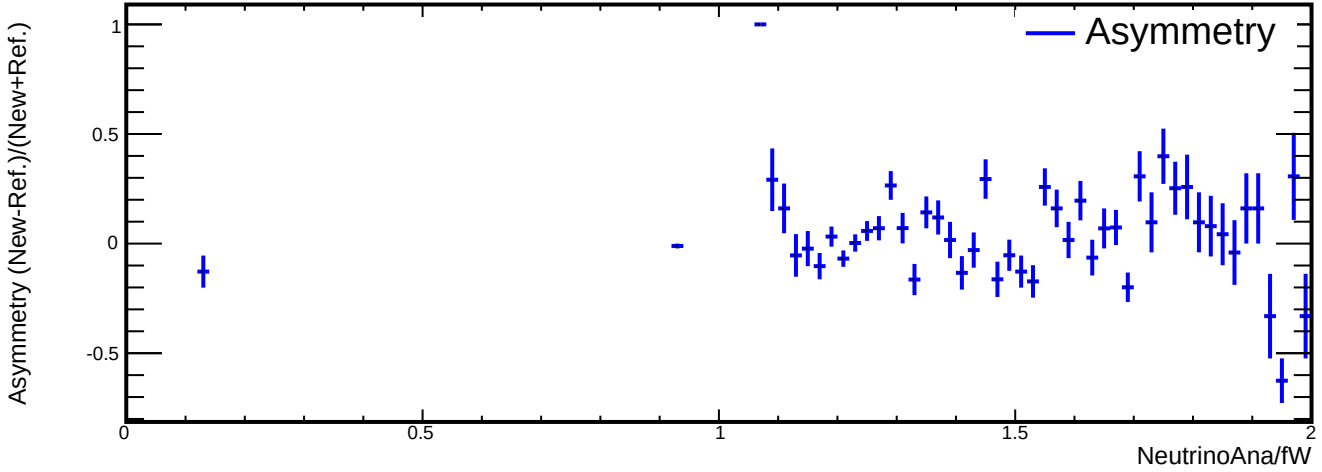

KS 0.0356748, chi2 3.31731e-18
2012-06-09
2012-06-10
NeutrinoAna/fEDCosZ

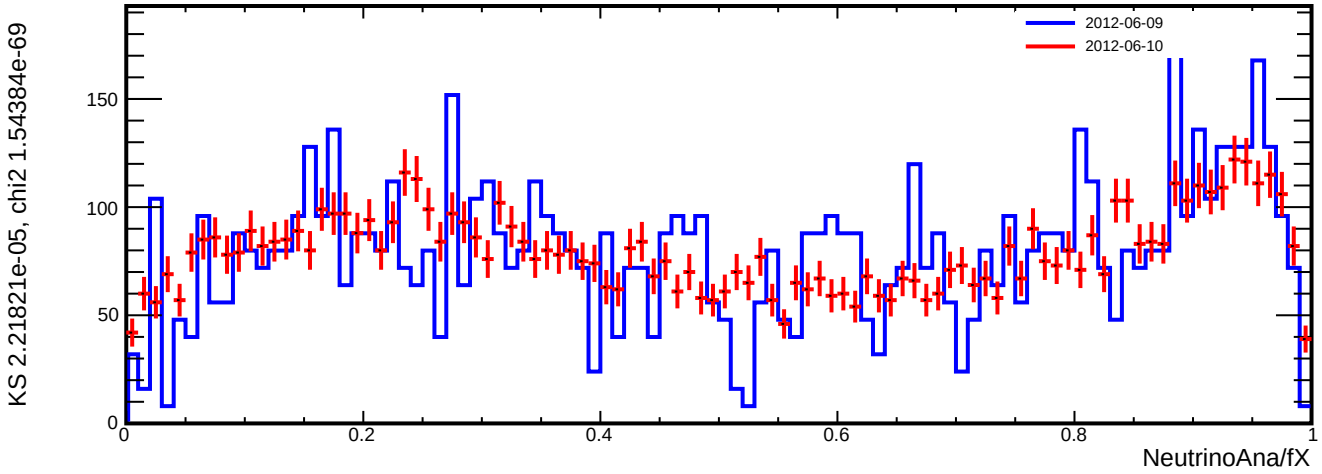

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosZ

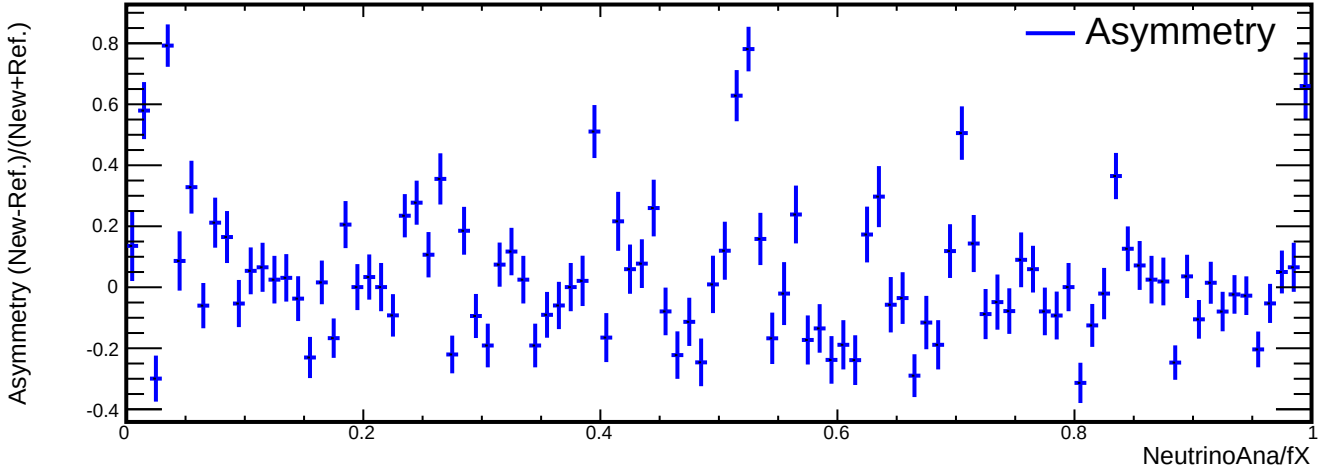

KS 0.01751, chi2 2.03928e-87
2012-06-09
2012-06-10
300
200
100
0
-4
-2
0
2
4
NeutrinoAna/fECons

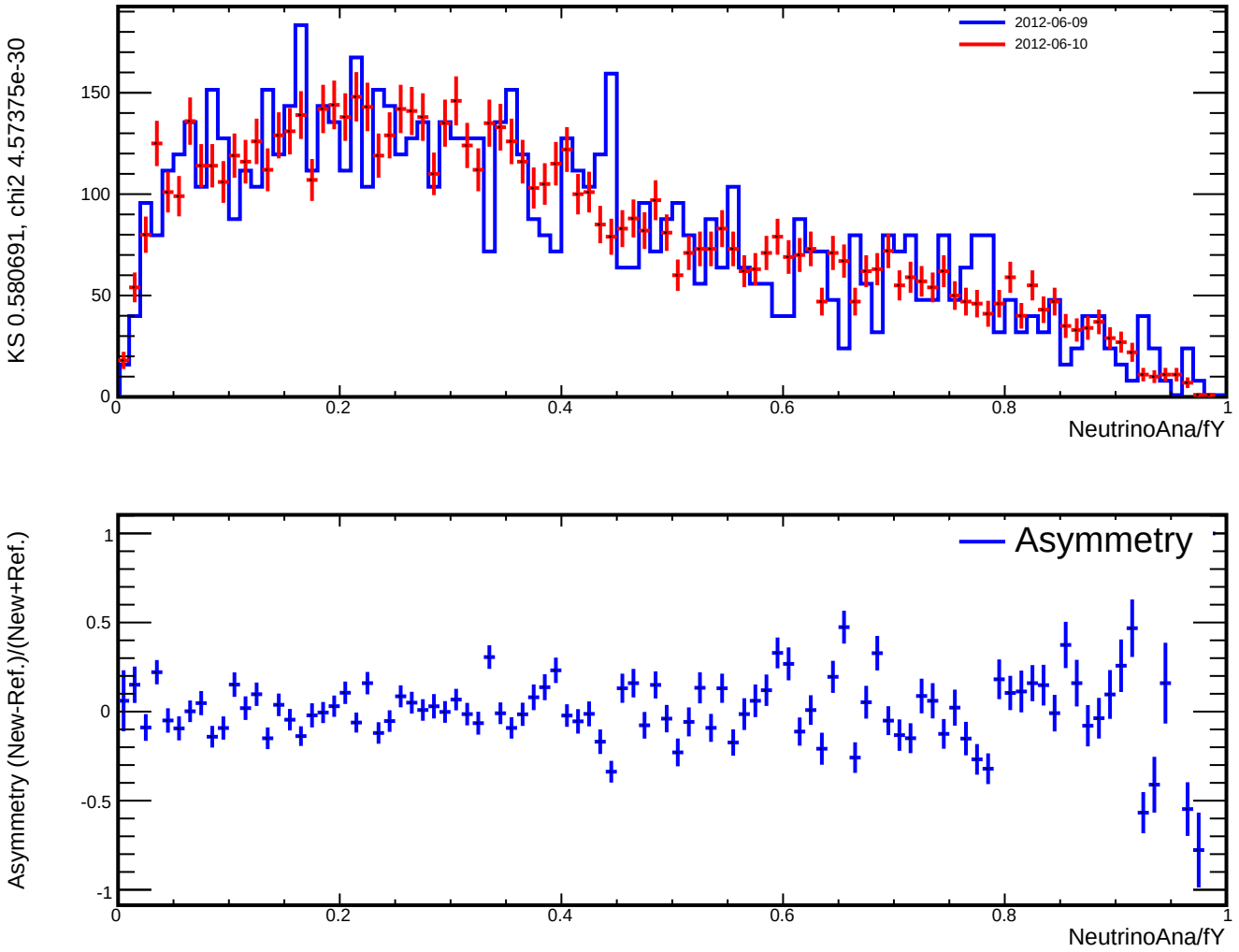

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-4
-2
0
2
4
NeutrinoAna/fECons

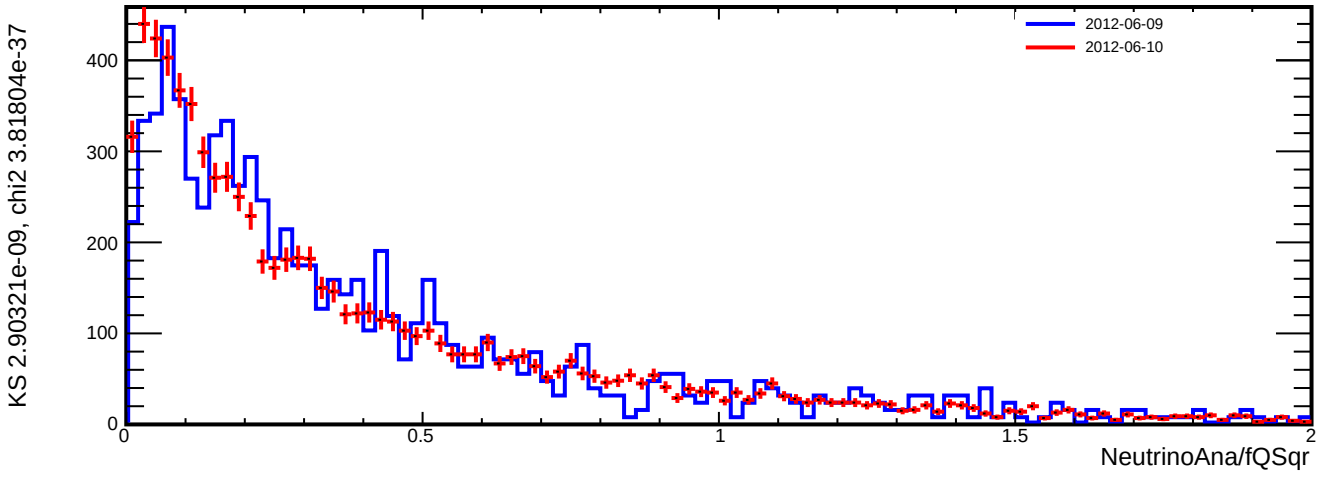

KS 0.0850002, chi2 1.65002e-13
2012-06-09
2012-06-10
4000
3000
2000
1000
0
0
0.5
1
1.5
2
NeutrinoAna/fW

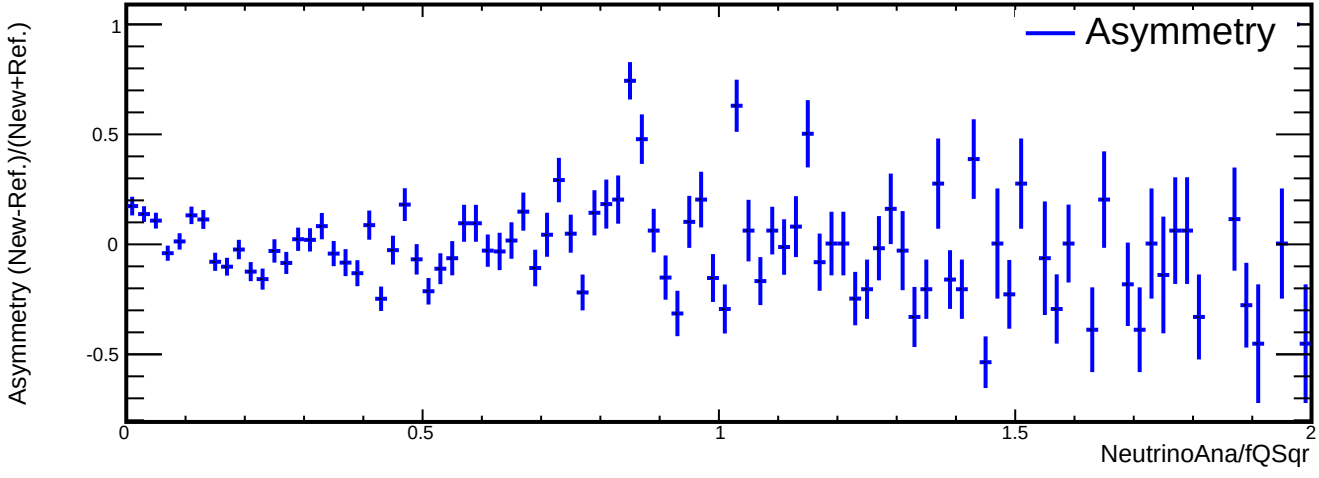

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
0
0.5
1
1.5
2
NeutrinoAna/fW

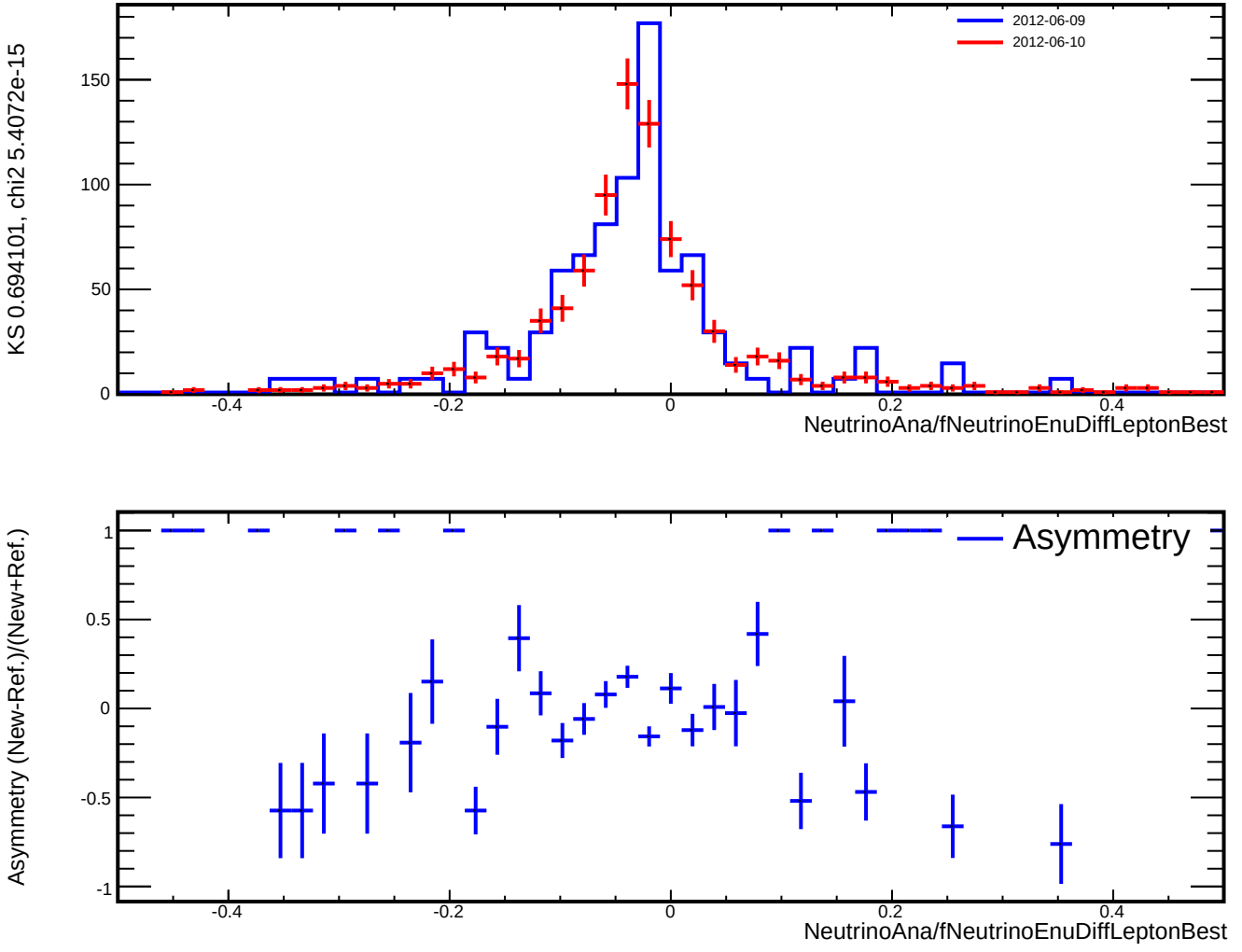

KS 2.21821e-05, chi2 1.54384e-69
2012-06-09
2012-06-10
0
50
100
150
0
0.2
0.4
0.6
0.8
1
NeutrinoAna/fX

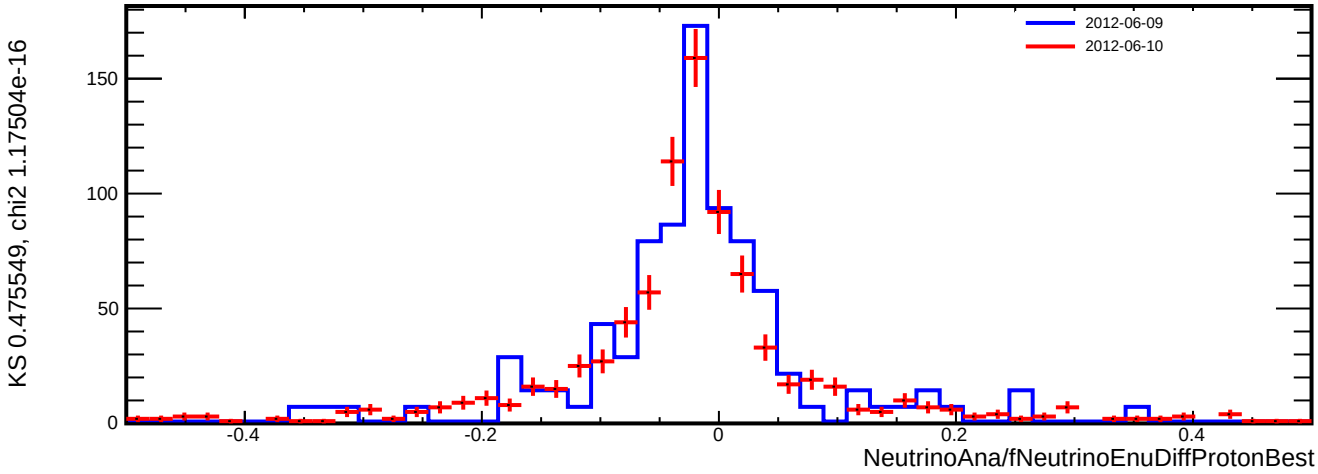

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
0.2
0.4
0.6
0.8
1
NeutrinoAna/fX

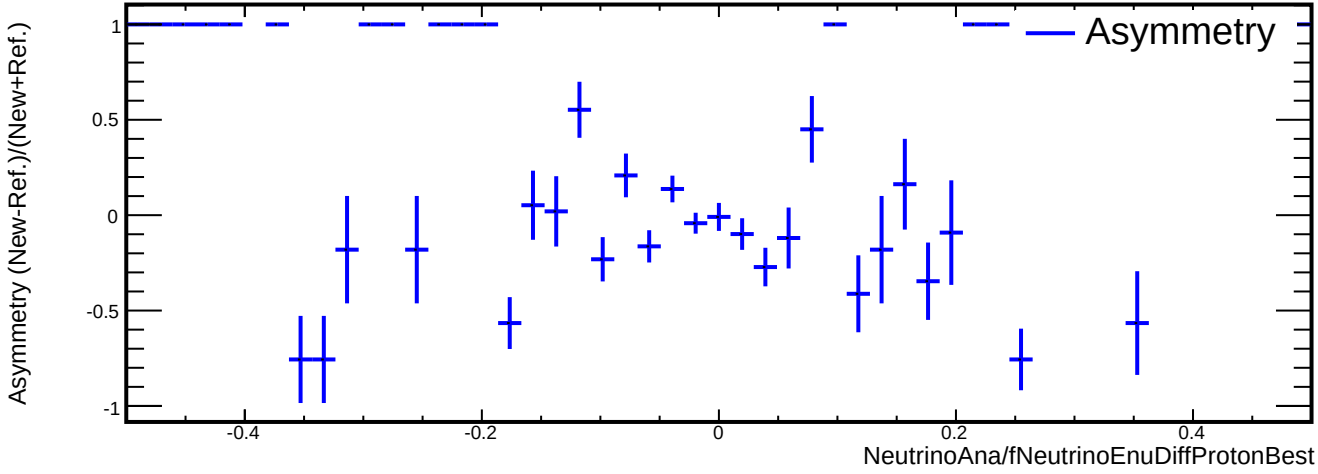

KS 0.580691, chi2 4.57375e-30
2012-06-09
2012-06-10
NeutrinoAna/fY
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fY

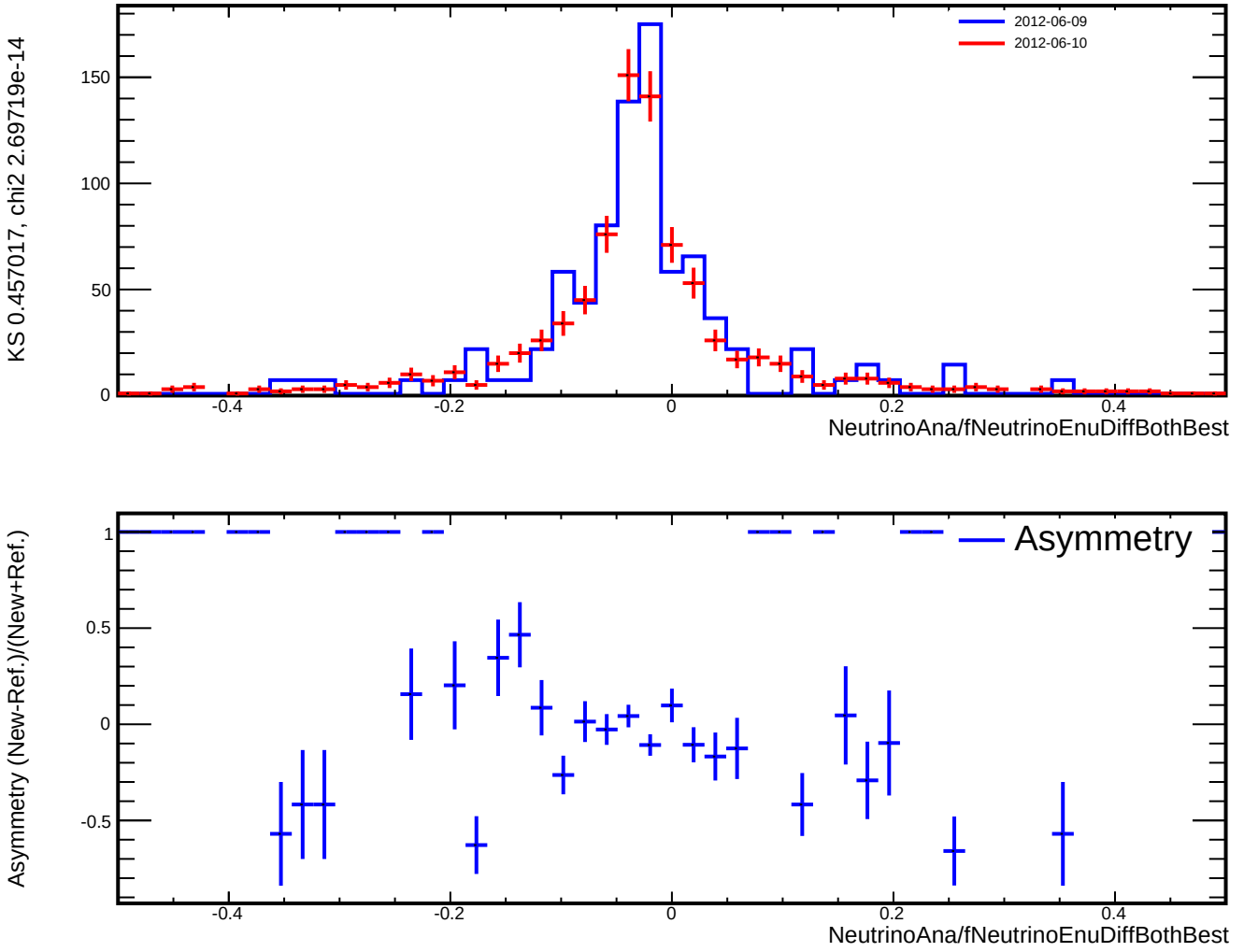

KS 2.90321e-09, chi2 3.81804e-37
2012-06-09
2012-06-10
NeutrinoAna/fQSqr

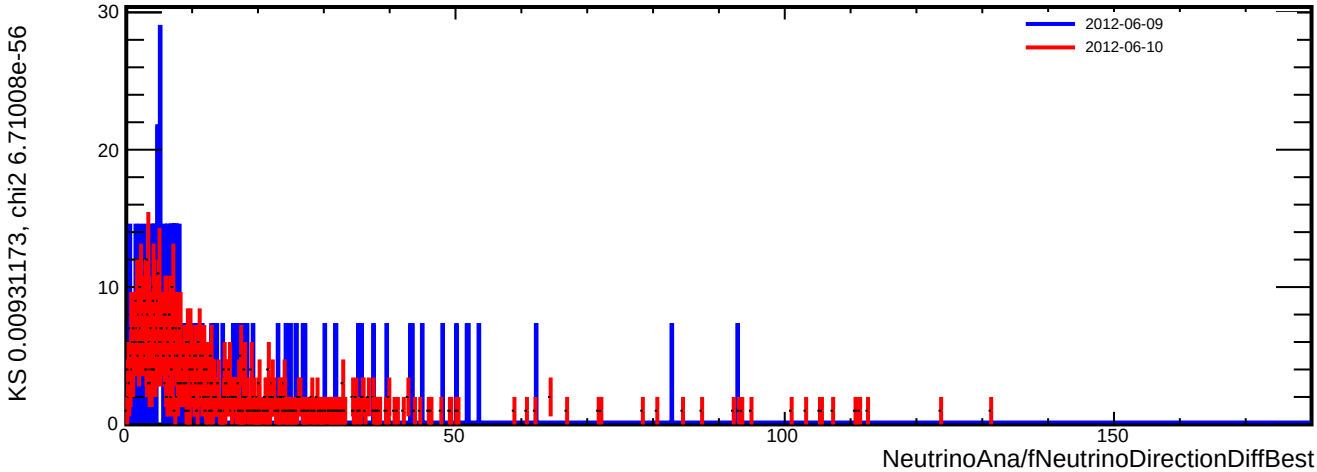

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fQSqr

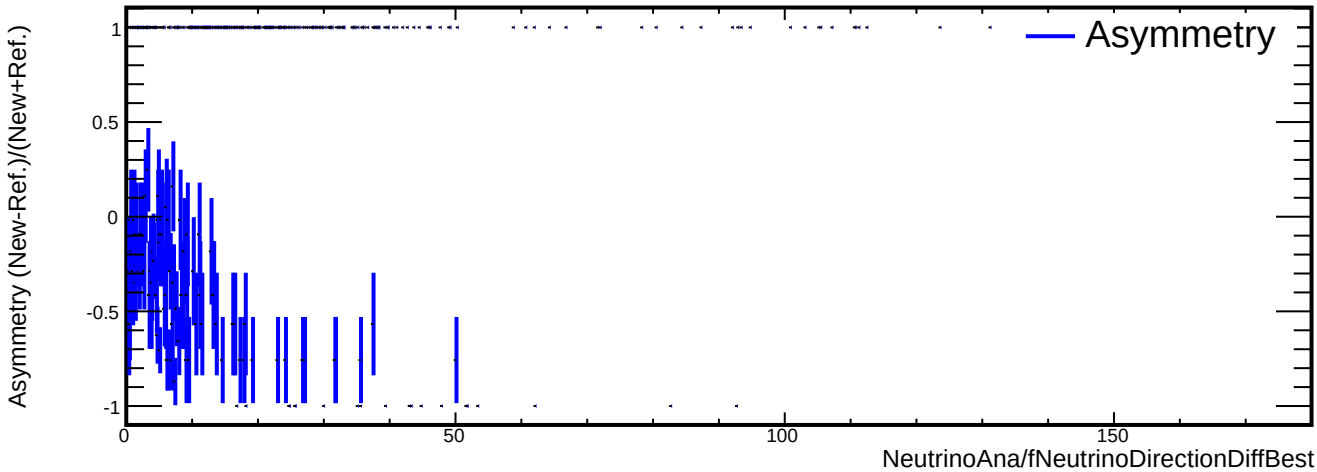

KS 0.694101, chi2 5.4072e-15
2012-06-09
2012-06-10
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffLeptonBest
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffLeptonBest

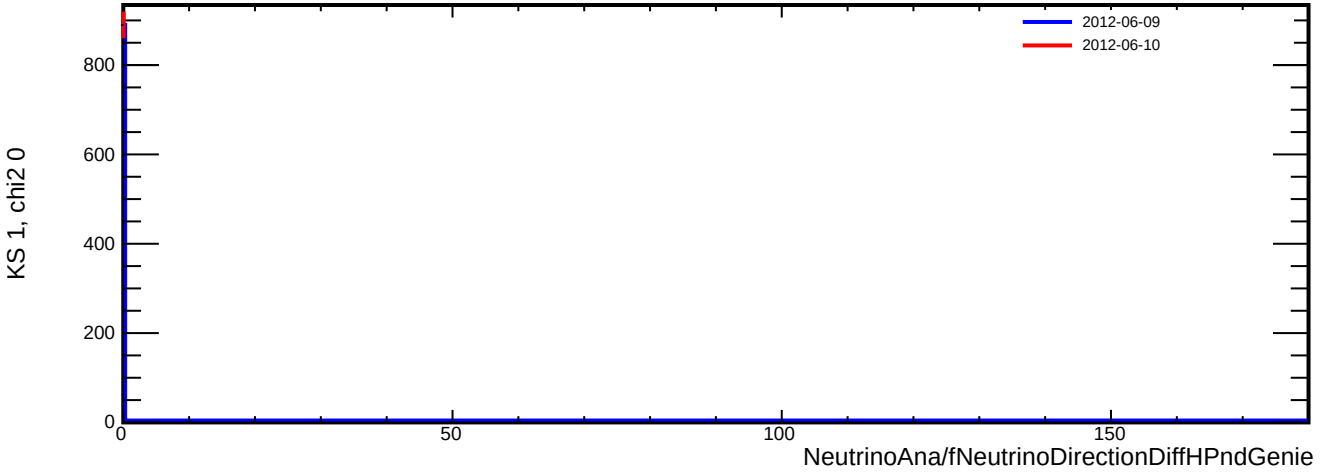

KS 0.475549, chi2 1.17504e-16
2012-06-09
2012-06-10
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

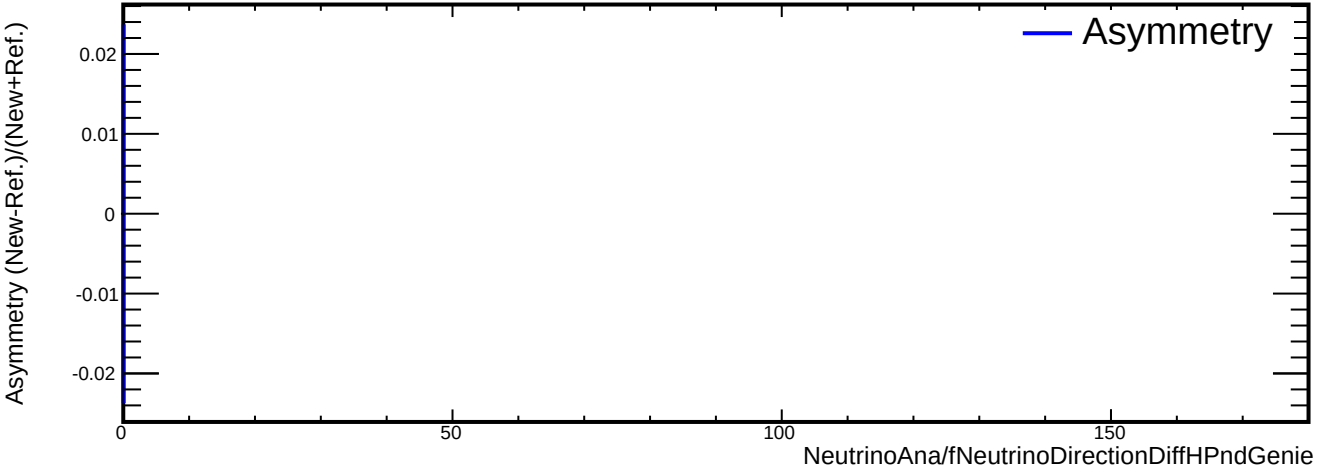

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

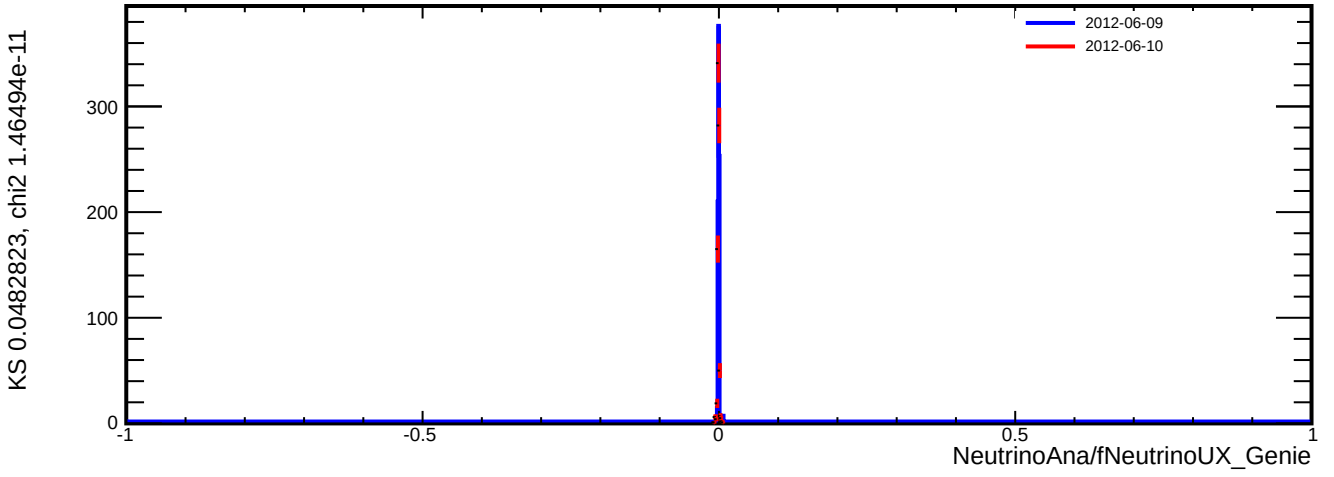

KS 0.457017, chi2 2.69719e-14
2012-06-09
2012-06-10
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest

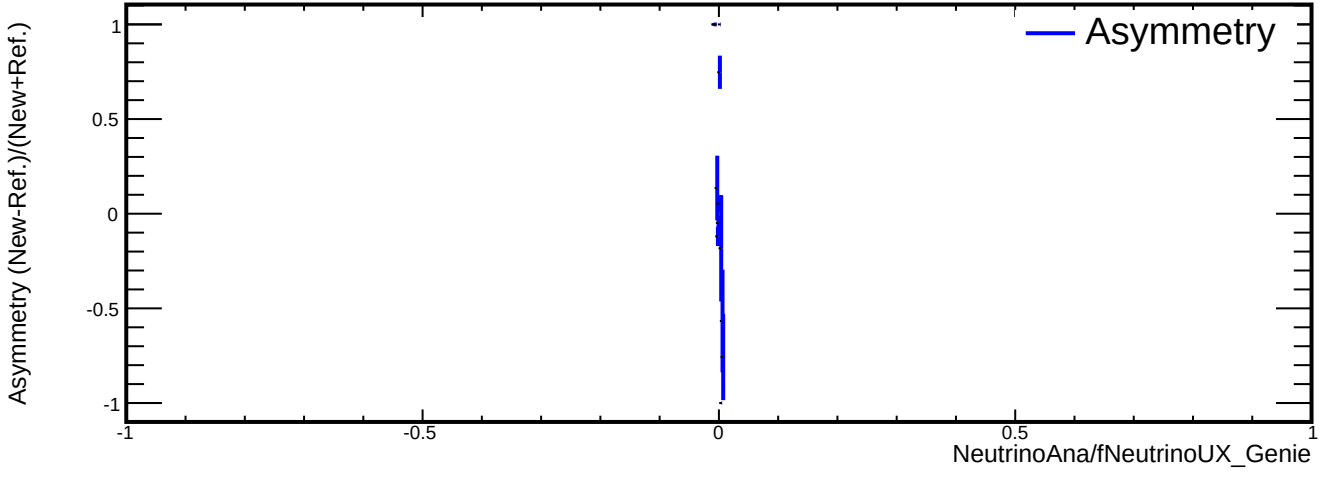

KS 0.00931173, chi2 6.71008e-56
2012-06-09
2012-06-10
NeutrinoAna/fNeutrinoDirectionDiffBest

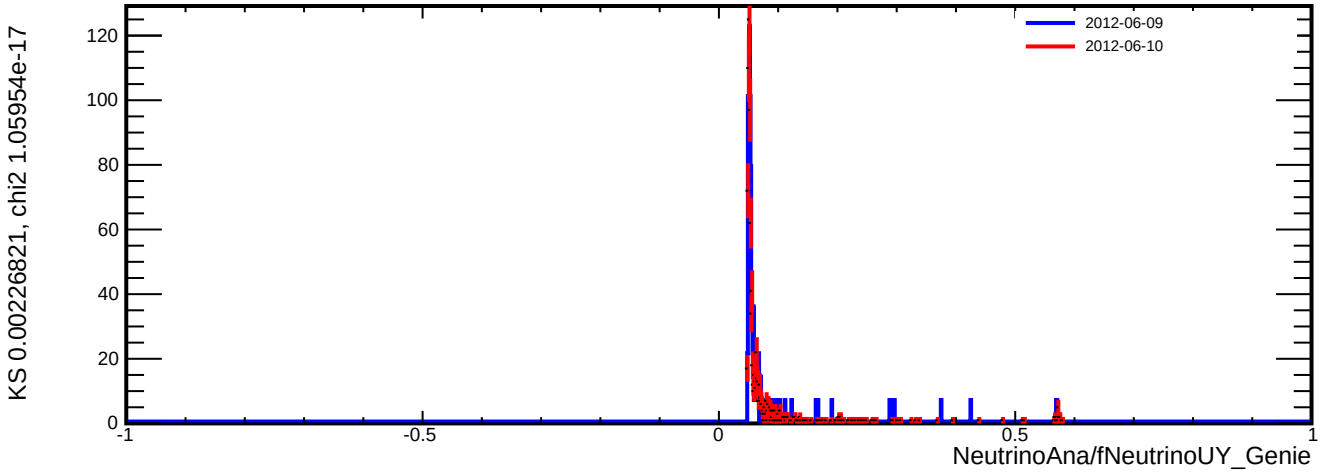

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoDirectionDiffBest

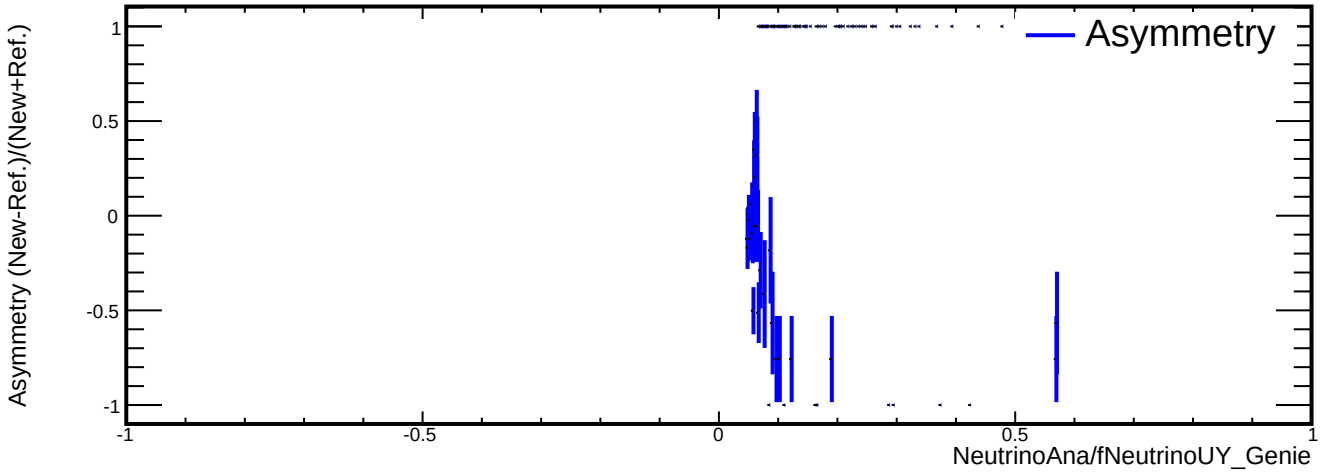

2012-06-09
2012-06-10
KS 1, chi2 0
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

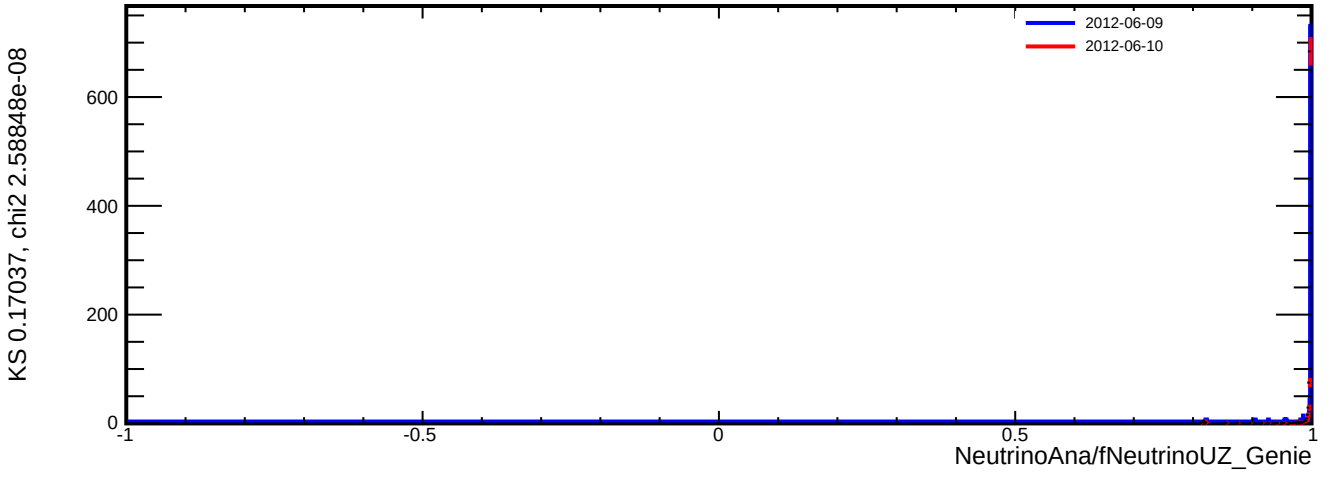

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

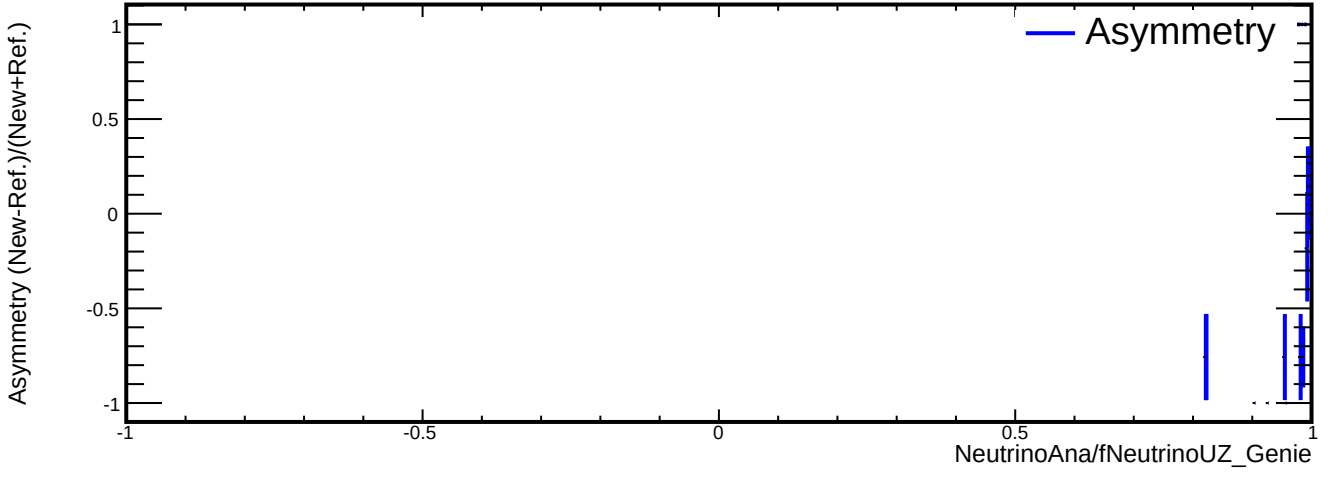

KS 0.0482823, chi2 1.46494e-11
2012-06-09
2012-06-10
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

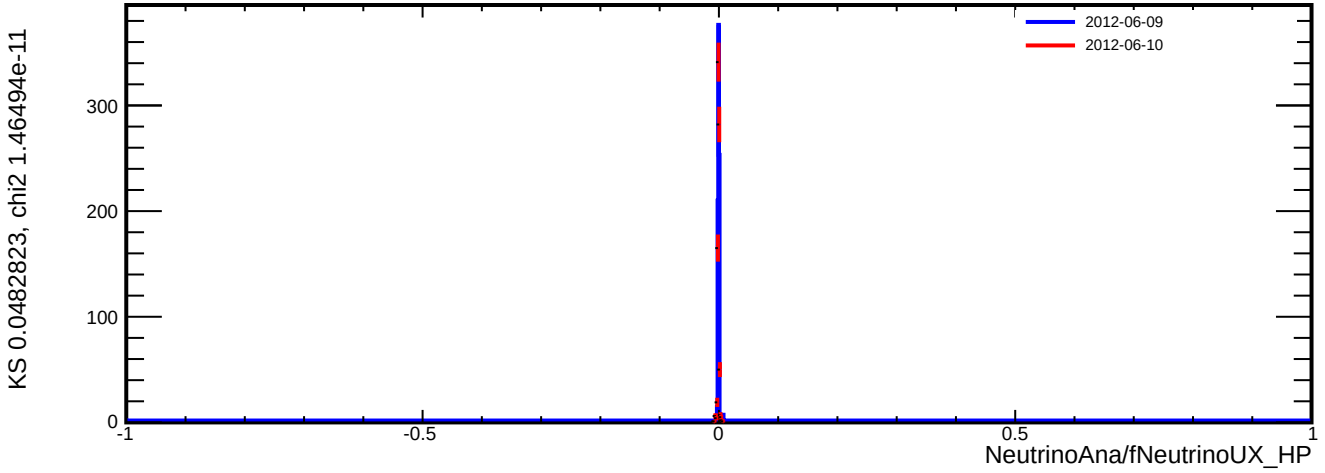

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

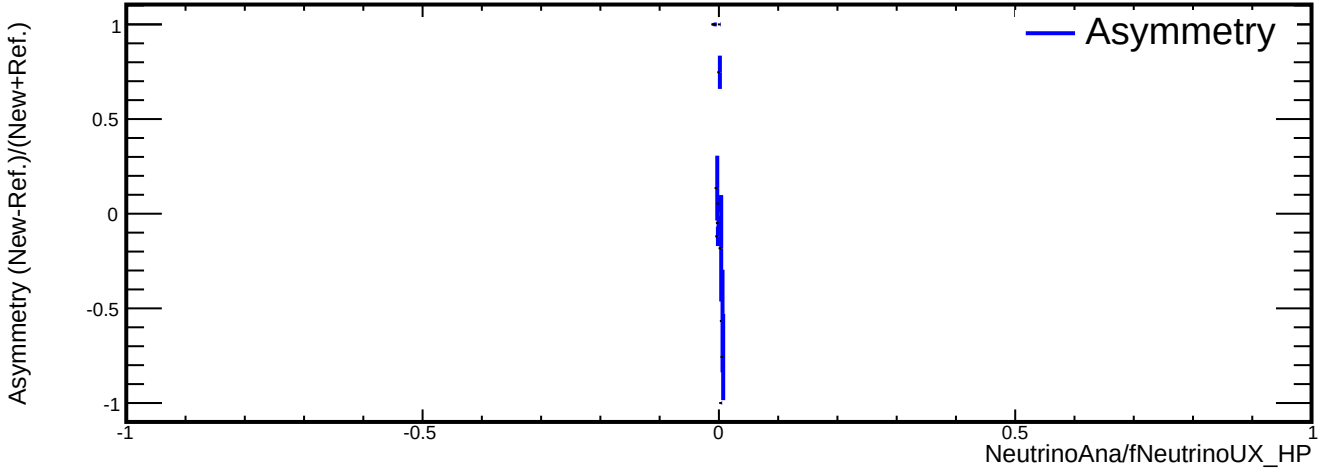

KS 0.00226821, chi2 1.05954e-17
2012-06-09
2012-06-10
NeutrinoAna/fNeutrinoUY_Genie

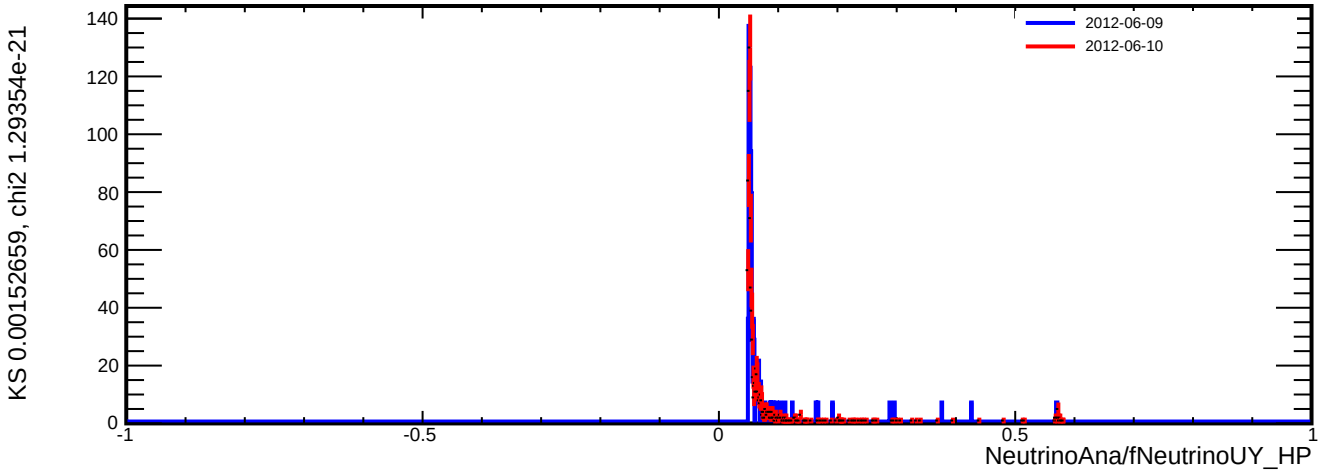

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoUY_Genie

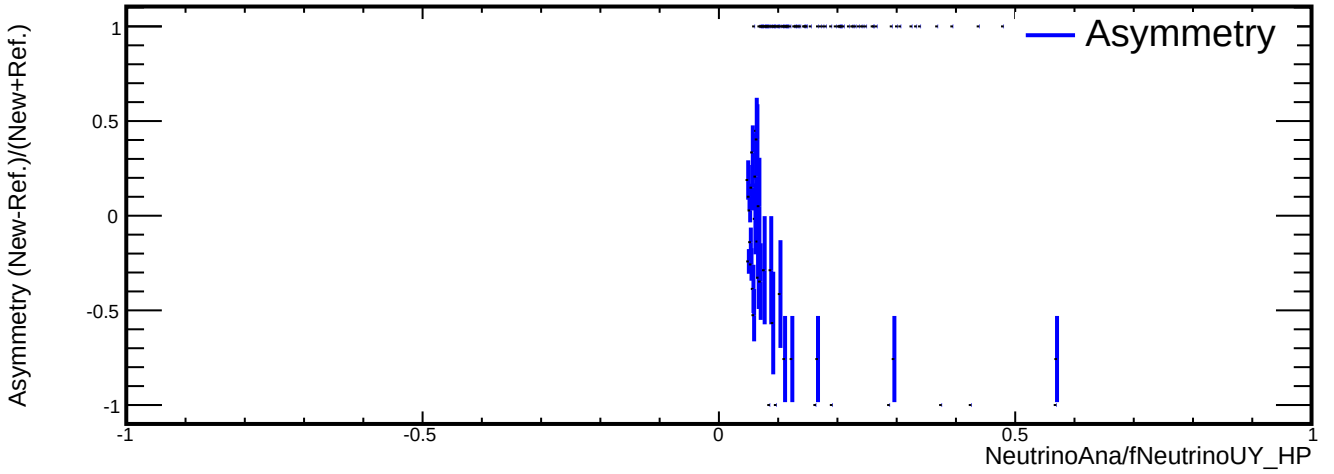

KS 0.17037, chi2 2.58848e-08
2012-06-09
2012-06-10
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie

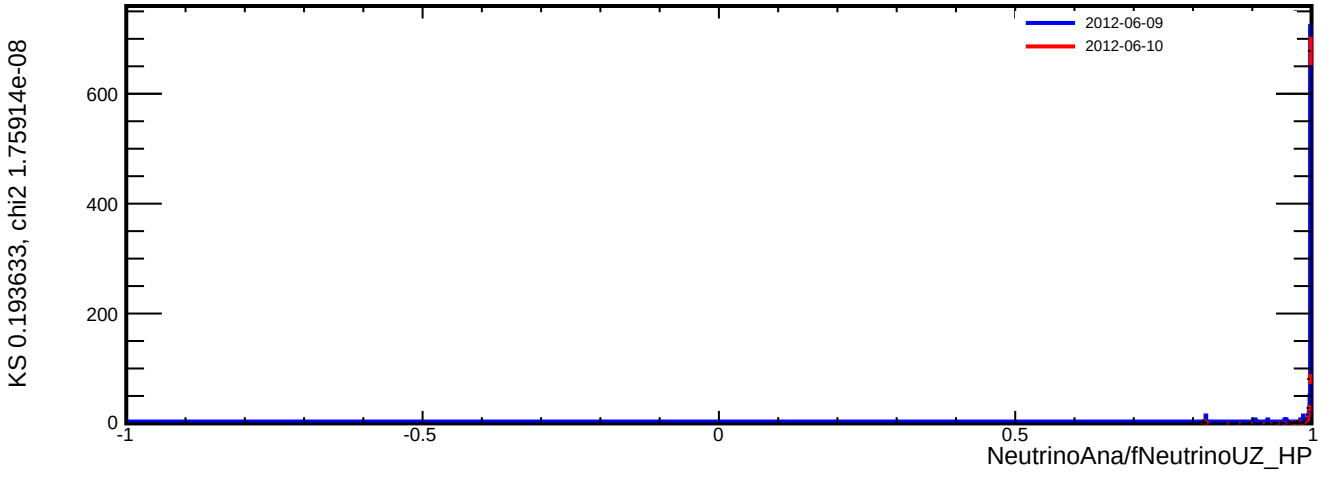

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie

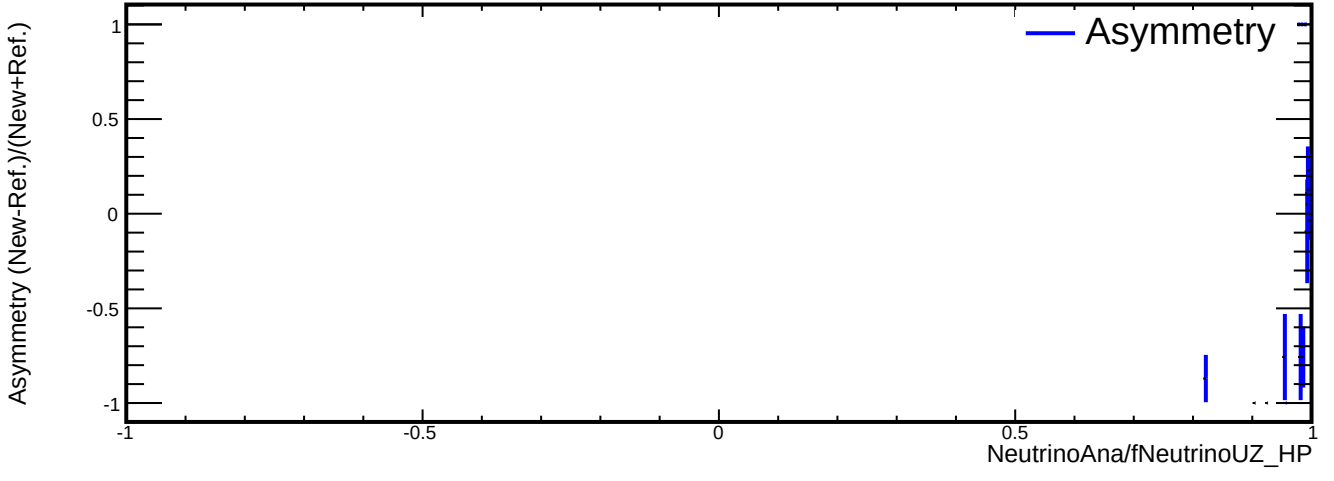

KS 0.0482823, chi2 1.46494e-11
2012-06-09
2012-06-10
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

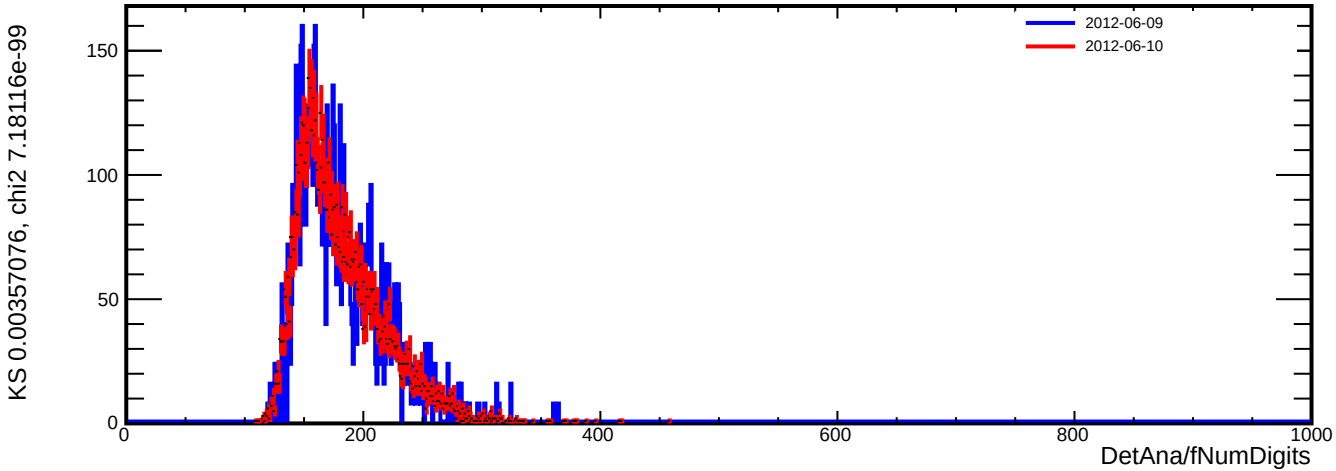

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

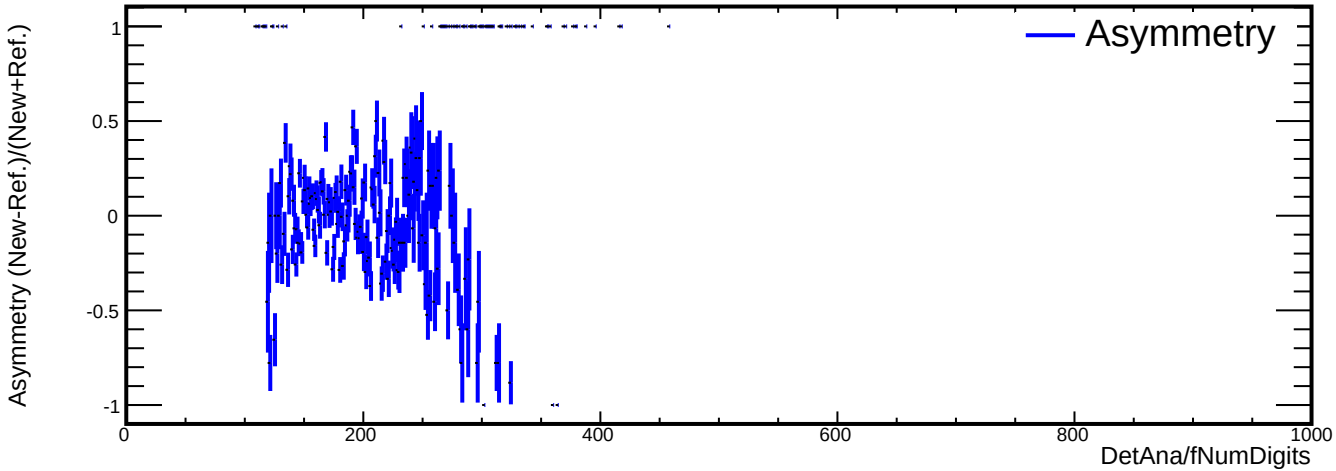

KS 0.00152659, chi2 1.29354e-21
2012-06-09
2012-06-10
NeutrinoAna/fNeutrinoUY_HP

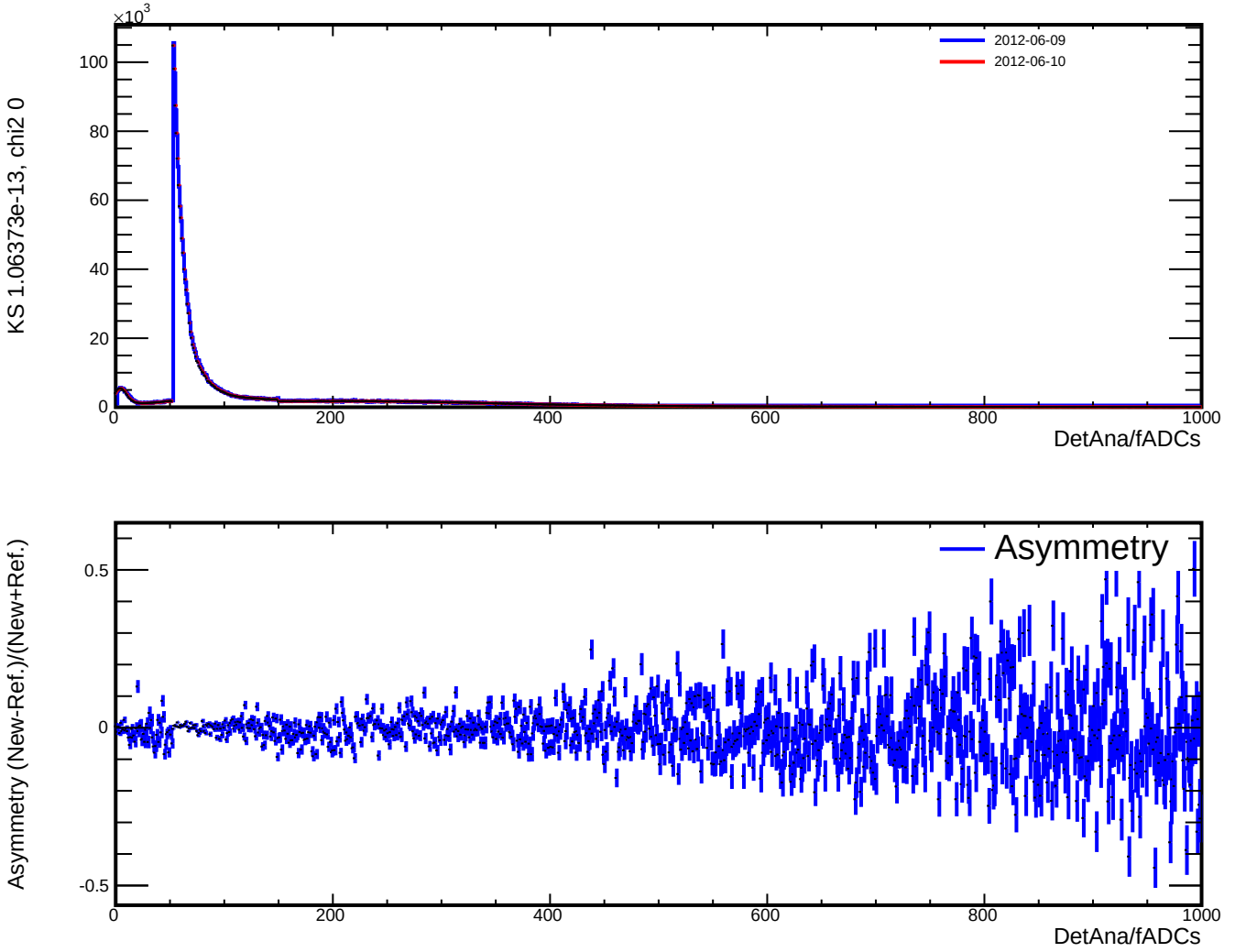

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoUY_HP

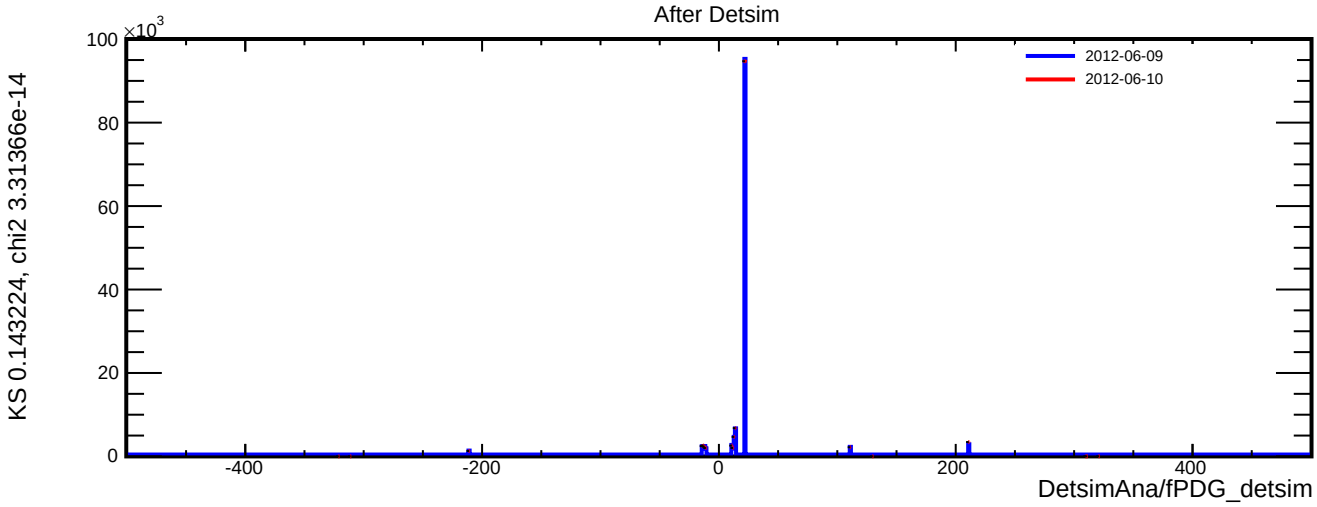

KS 0.193633, chi2 1.75914e-08
2012-06-09
2012-06-10
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP

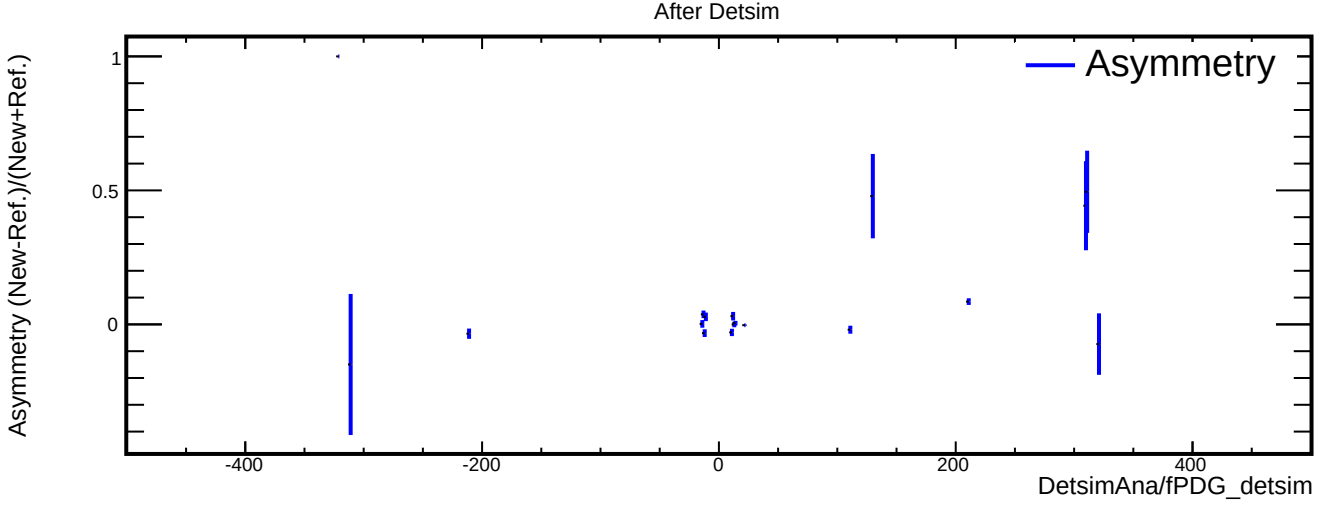

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP

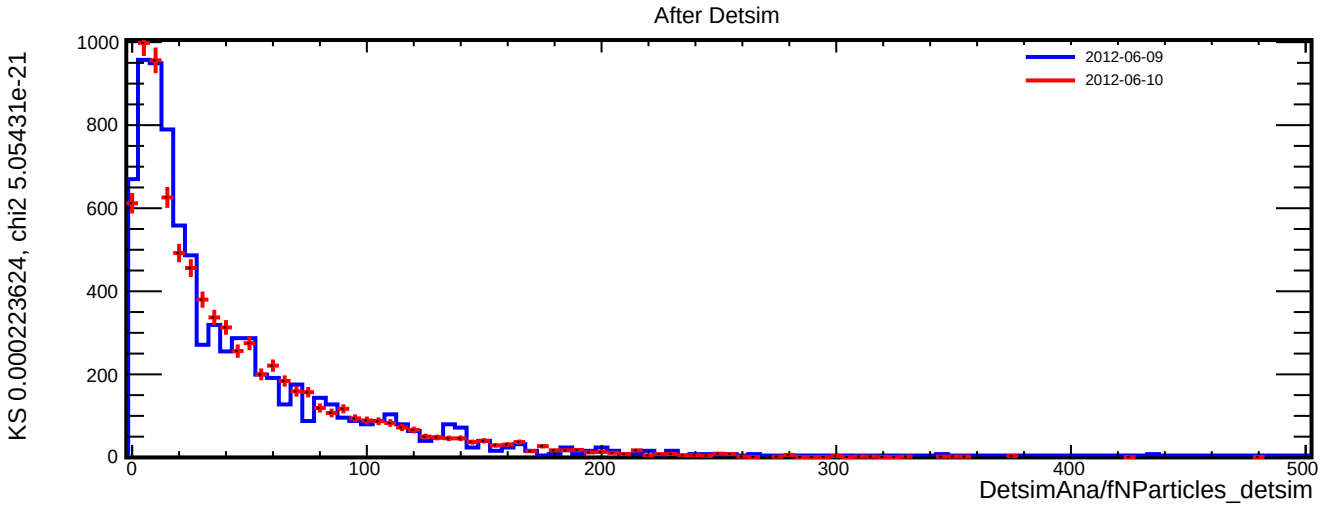

KS 0.00357076, chi2 7.18116e-99
2012-06-09
2012-06-10
150
100
50
0
0
200
400
600
800
1000
DetAna/fNumDigits

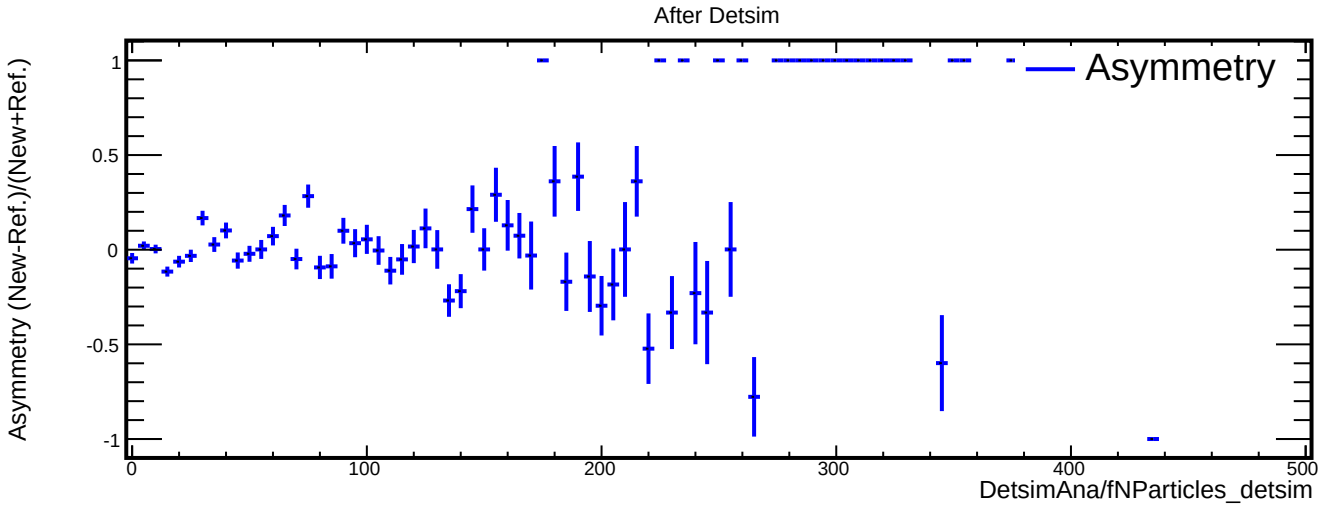

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
DetAna/fNumDigits

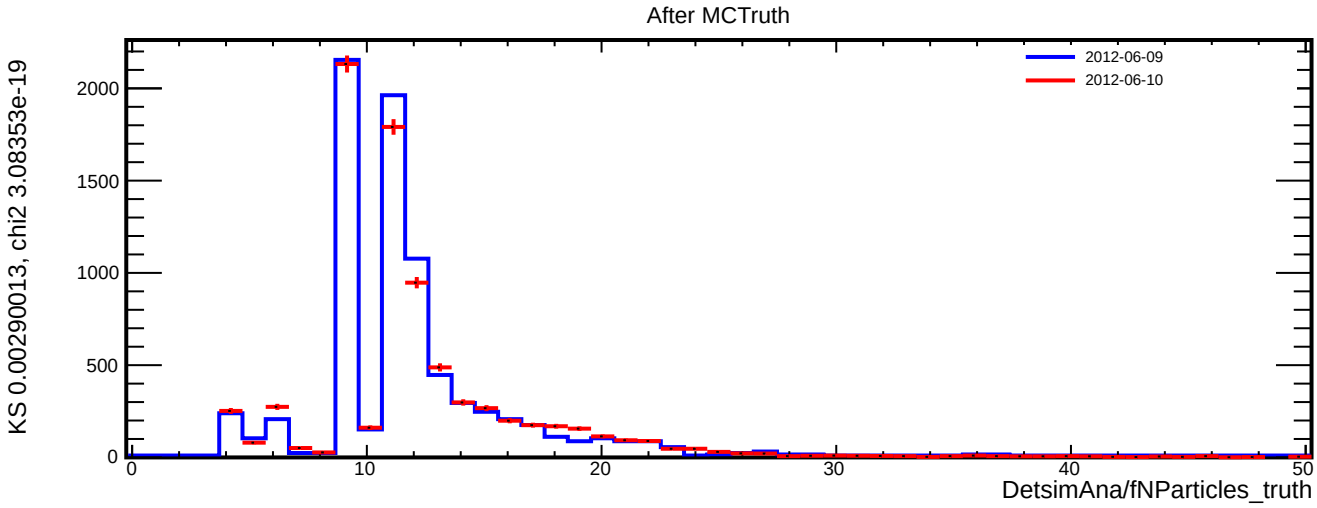

×10^3
100
80
60
40
20
0
KS 1.06373e-13, chi2 0
2012-06-09
2012-06-10
0
200
400
600
800
1000
DetAna/fADCs
0.5
0
-0.5
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0
200
400
600
800
1000
DetAna/fADCs

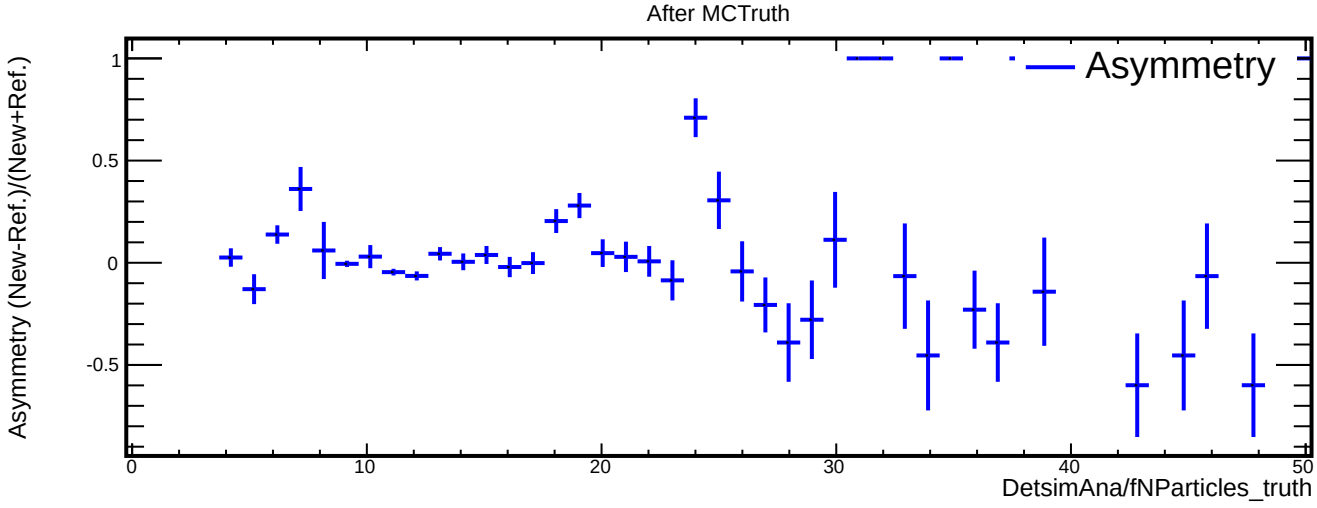

After Detsim
×10^3
100
80
60
40
20
0
-400
-200
0
200
400
2012-06-09
2012-06-10
KS 0.143224, chi2 3.31366e-14
DetsimAna/fPDG_detsim

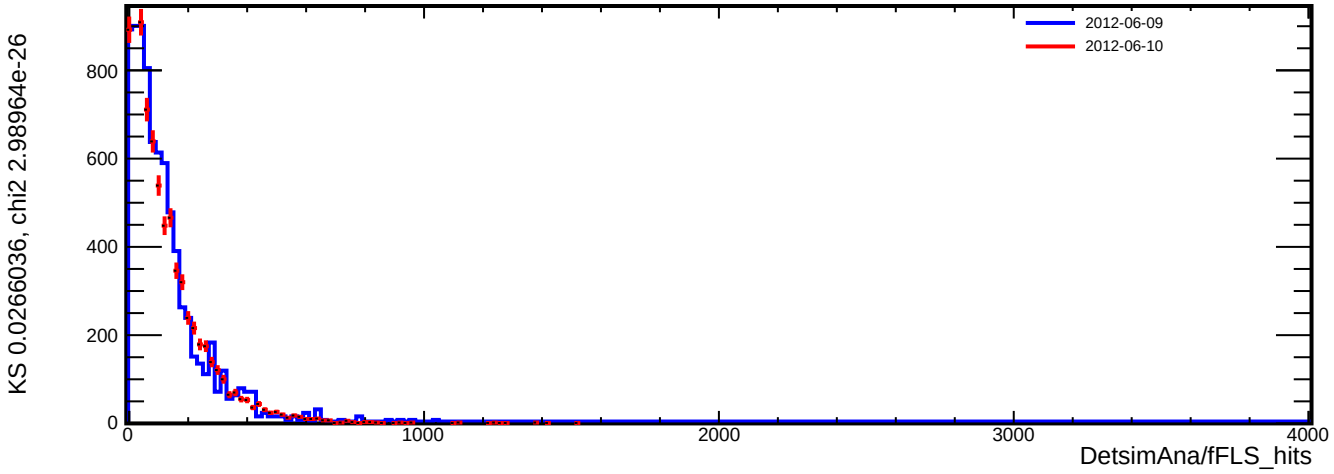

After Detsim
1
0.5
0
-400
-200
0
200
400
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
DetsimAna/fPDG_detsim

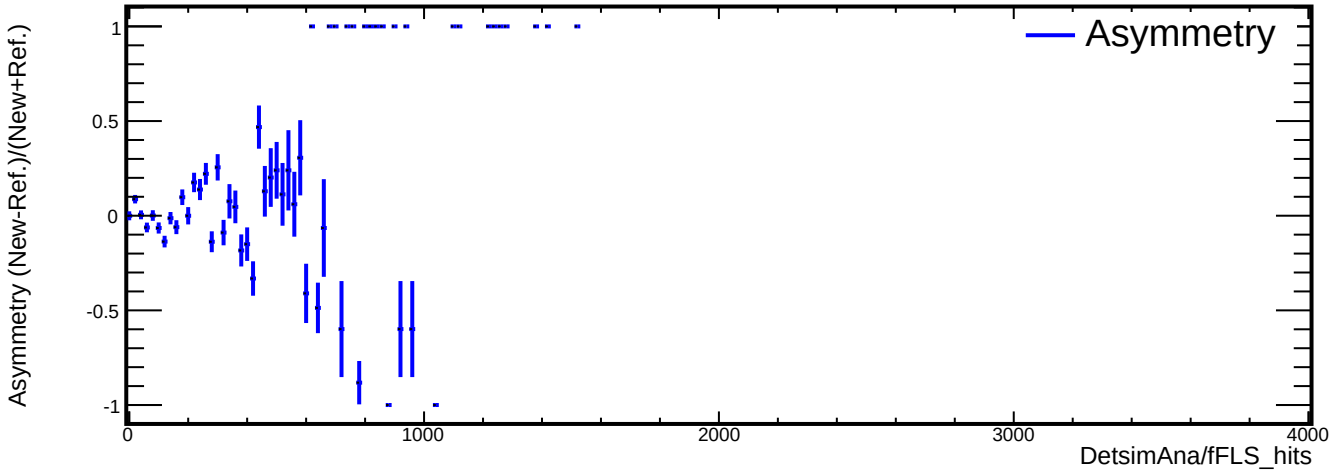

After Detsim
KS 0.000223624, chi2 5.05431e-21
2012-06-09
2012-06-10
DetsimAna/fNParticles_detsim

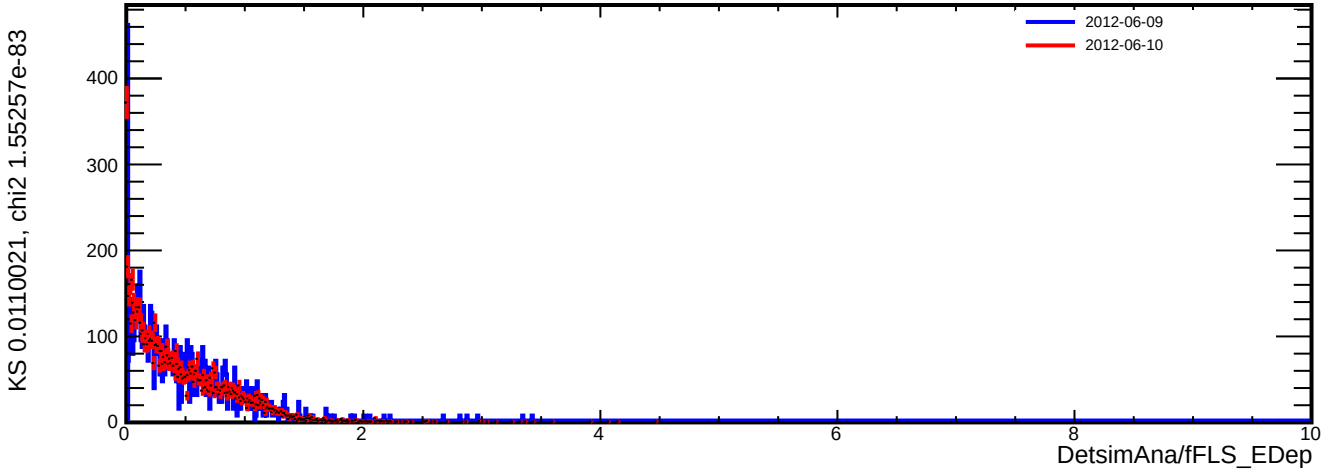

After Detsim
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
DetsimAna/fNParticles_detsim

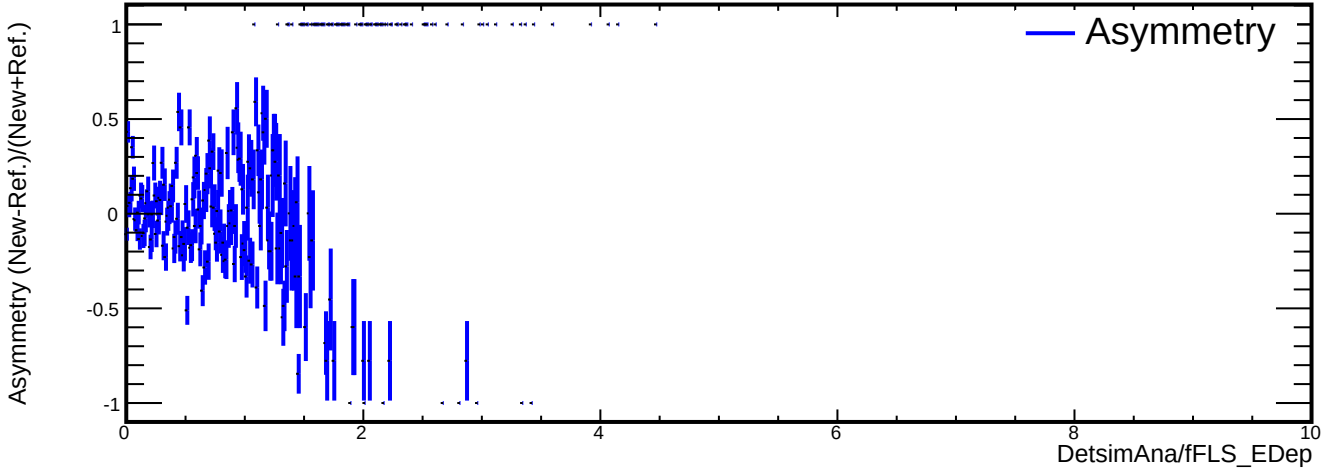

After MCTruth
KS 0.00290013, chi2 3.08353e-19
2012-06-09
2012-06-10
2000
1500
1000
500
0
0
10
20
30
40
50
DetsimAna/fNParticles_truth

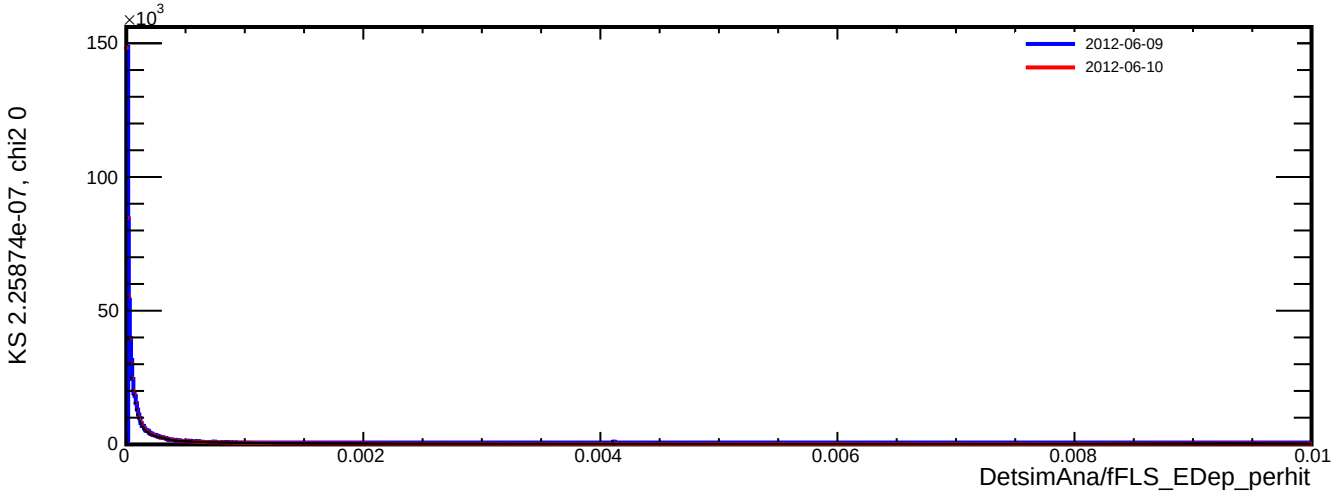

After MCTruth
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
0
10
20
30
40
50
DetsimAna/fNParticles_truth

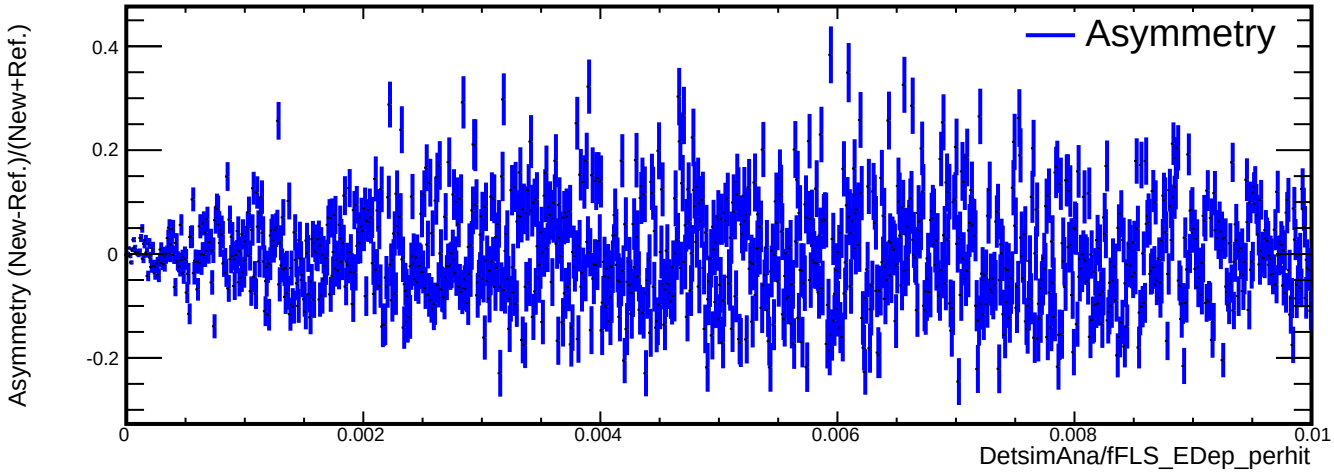

KS 0.0266036, chi2 2.98964e-26
2012-06-09
2012-06-10
800
600
400
200
0
0
1000
2000
3000
4000
DetsimAna/fFLS_hits

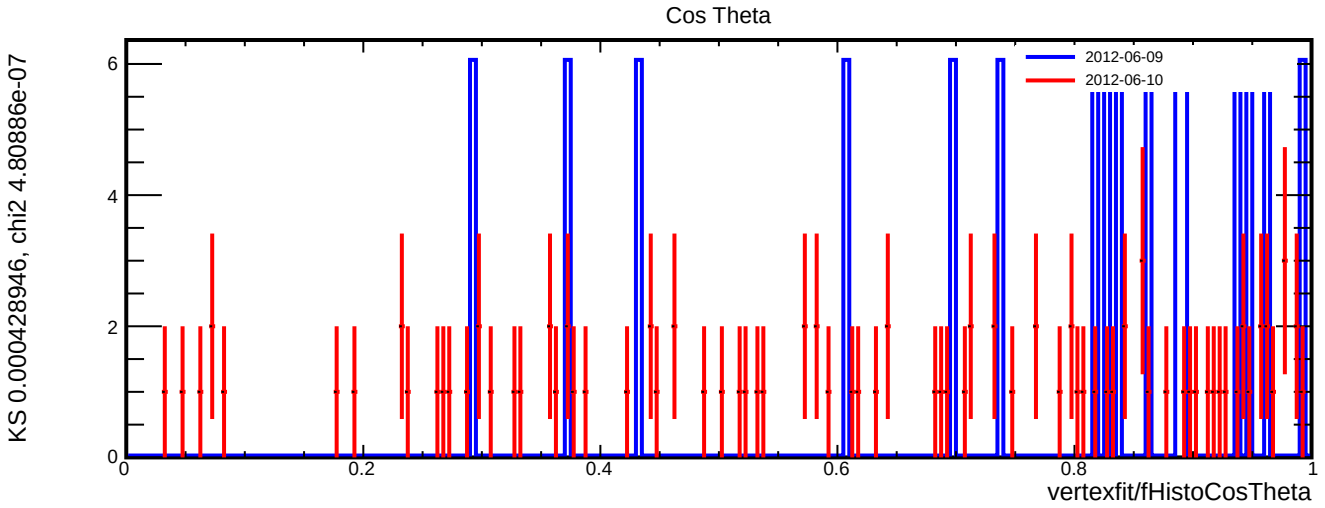

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1000
2000
3000
4000
DetsimAna/fFLS_hits

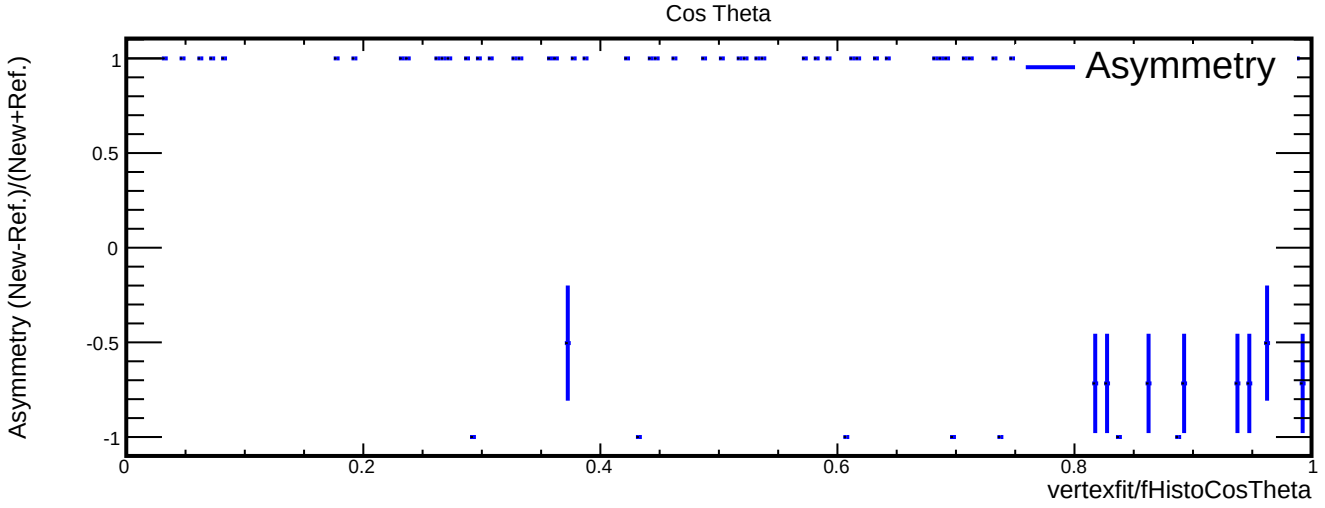

KS 0.0110021, chi2 1.55257e-83
2012-06-09
2012-06-10
400
300
200
100
0
0
2
4
6
8
10
DetsimAna/fFLS_EDep

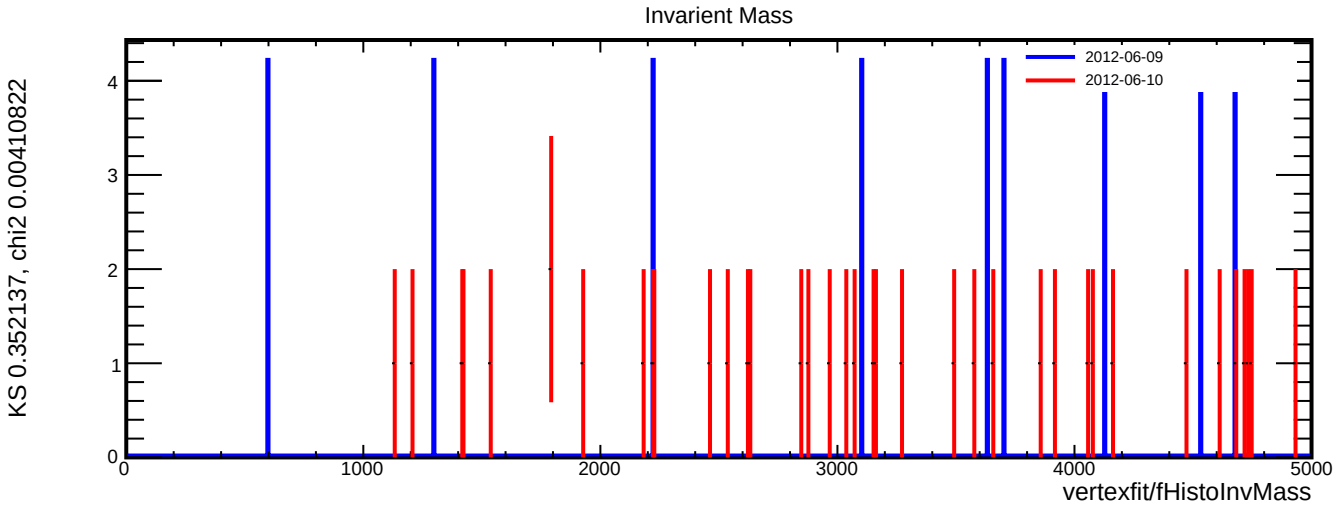

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
2
4
6
8
10
DetsimAna/fFLS_EDep

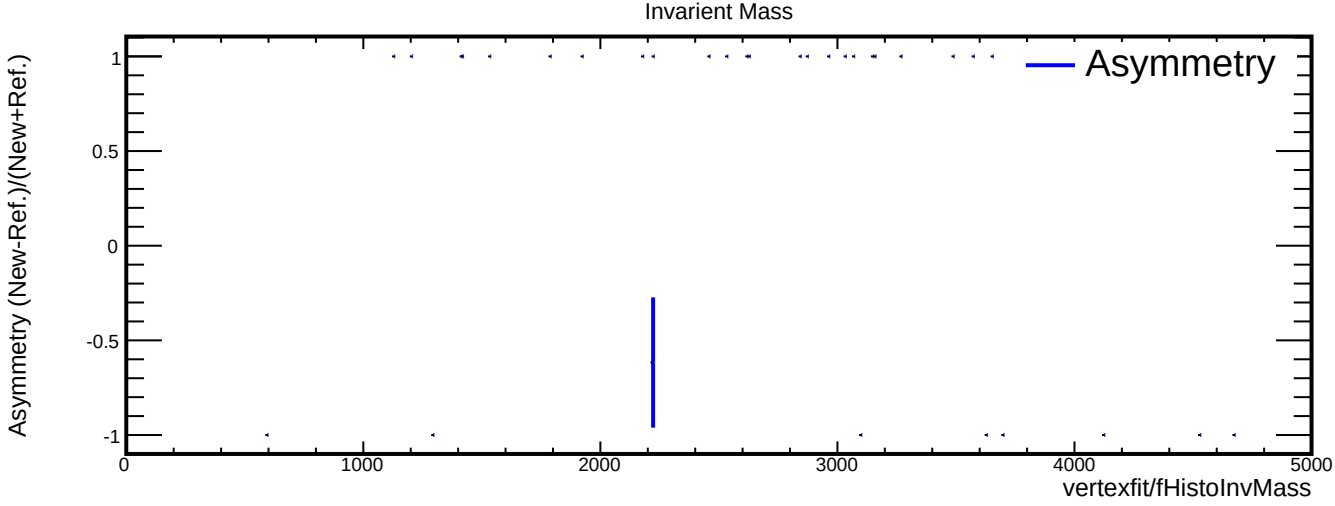

×10^3
150
100
50
0
0
0.002
0.004
0.006
0.008
0.01
2012-06-09
2012-06-10
KS 2.25874e-07, chi2 0
DetsimAna/fFLS_EDep_perhit

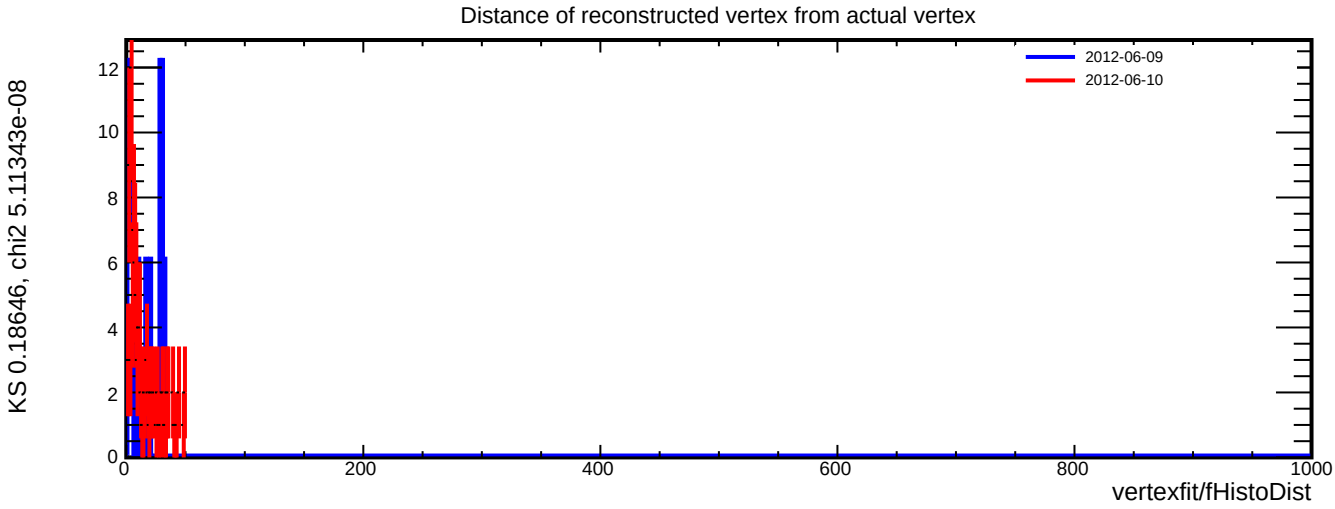

Asymmetry
0.4
0.2
0
-0.2
0
0.002
0.004
0.006
0.008
0.01
Asymmetry (New-Ref.)/(New+Ref.)
DetsimAna/fFLS_EDep_perhit

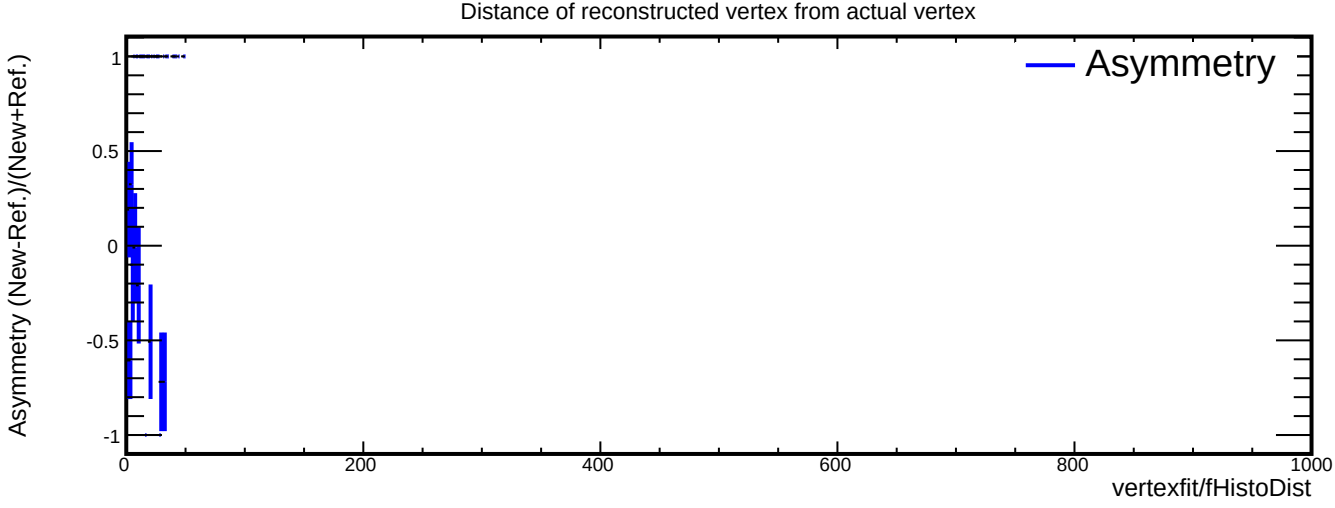

Cos Theta
KS 0.000428946, chi2 4.80886e-07
2012-06-09
2012-06-10
vertexfit/fHistoCosTheta

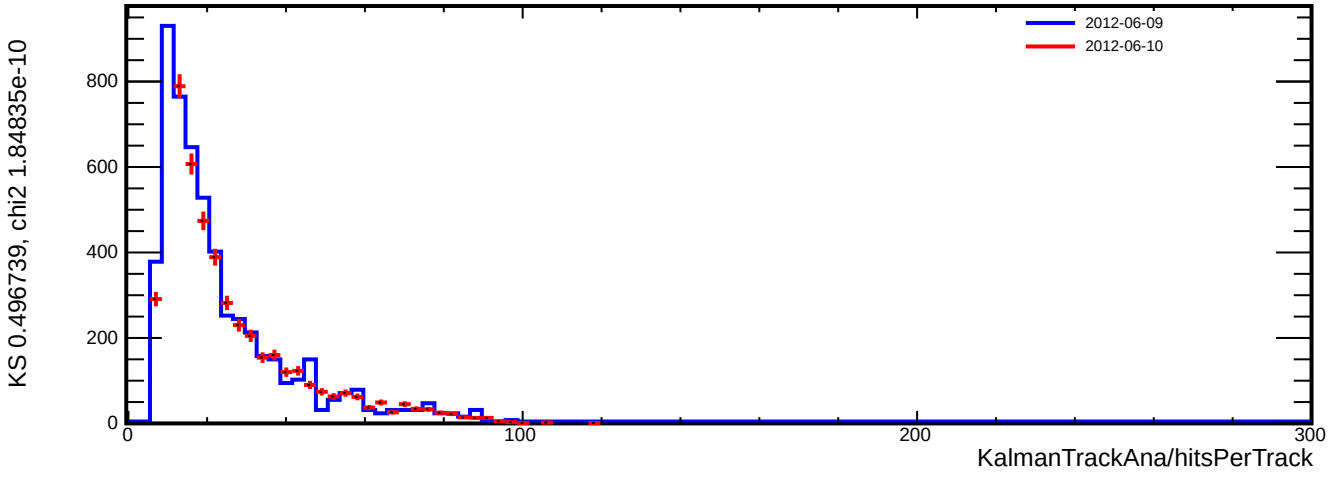

Cos Theta
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
vertexfit/fHistoCosTheta

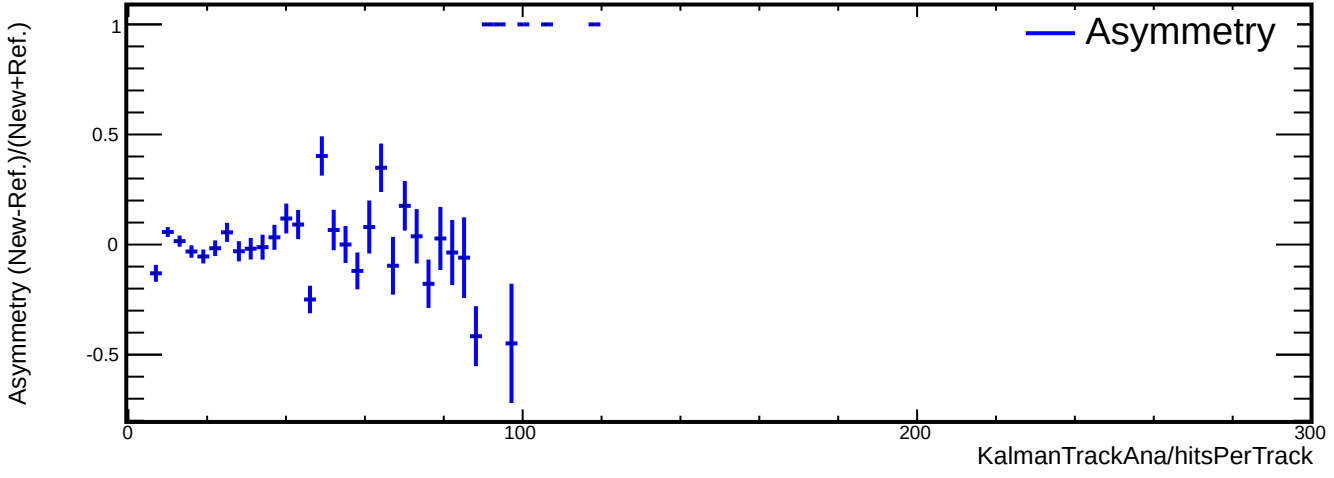

Invarient Mass
KS 0.352137, chi2 0.00410822
2012-06-09
2012-06-10
0
1
2
3
4
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

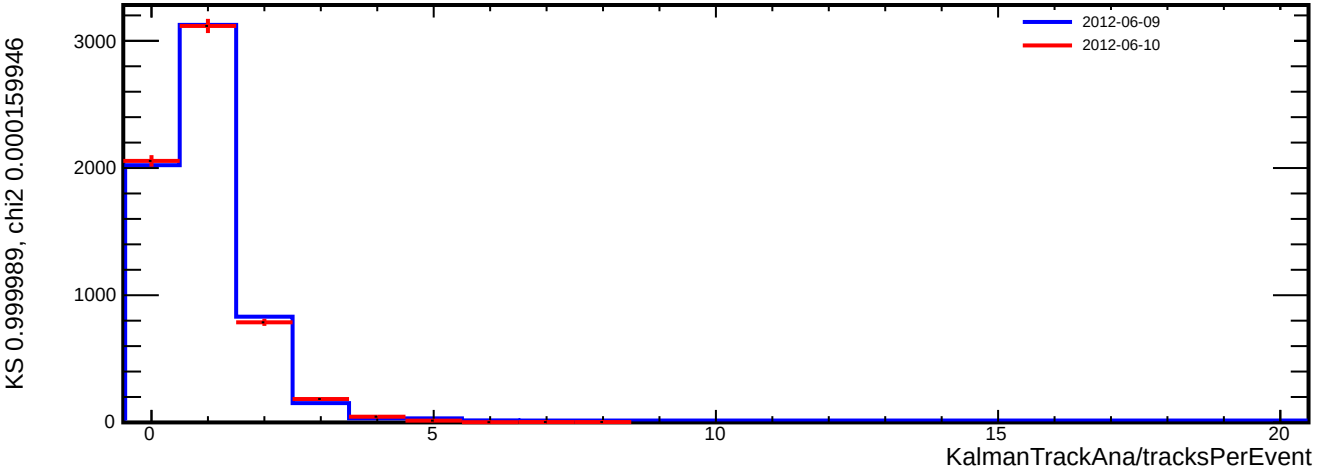

Invarient Mass
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

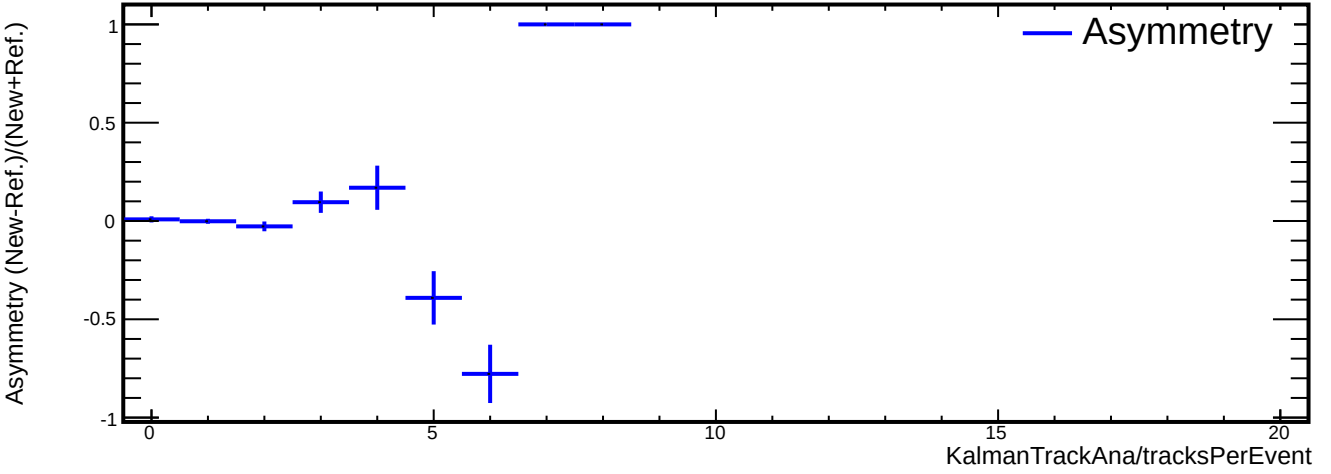

Distance of reconstructed vertex from actual vertex
KS 0.18646, chi2 5.11343e-08
2012-06-09
2012-06-10
0
2
4
6
8
10
12
0
200
400
600
800
1000
vertexfit/fHistoDist

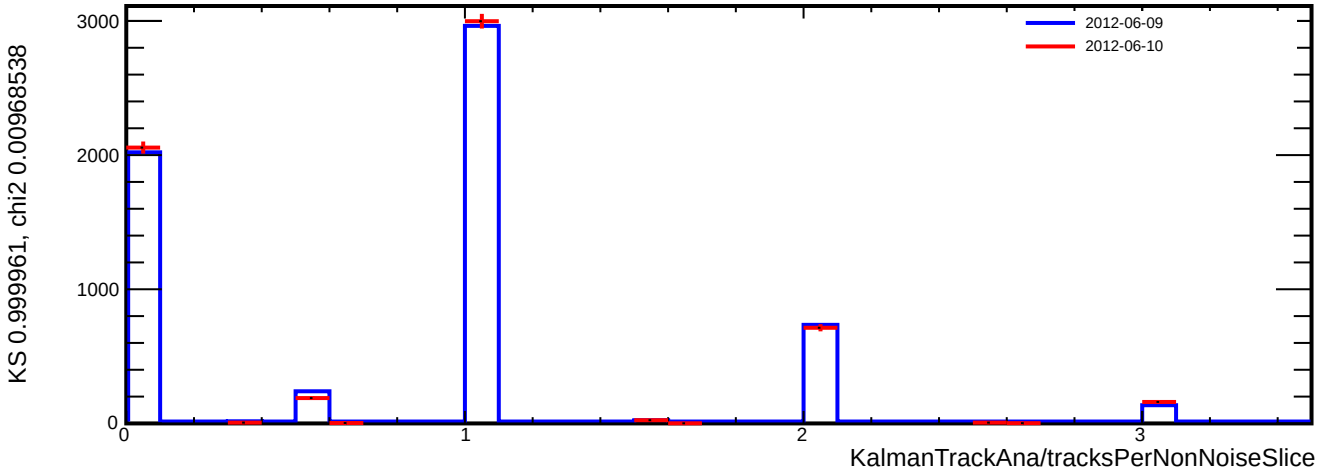

Distance of reconstructed vertex from actual vertex
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
vertexfit/fHistoDist

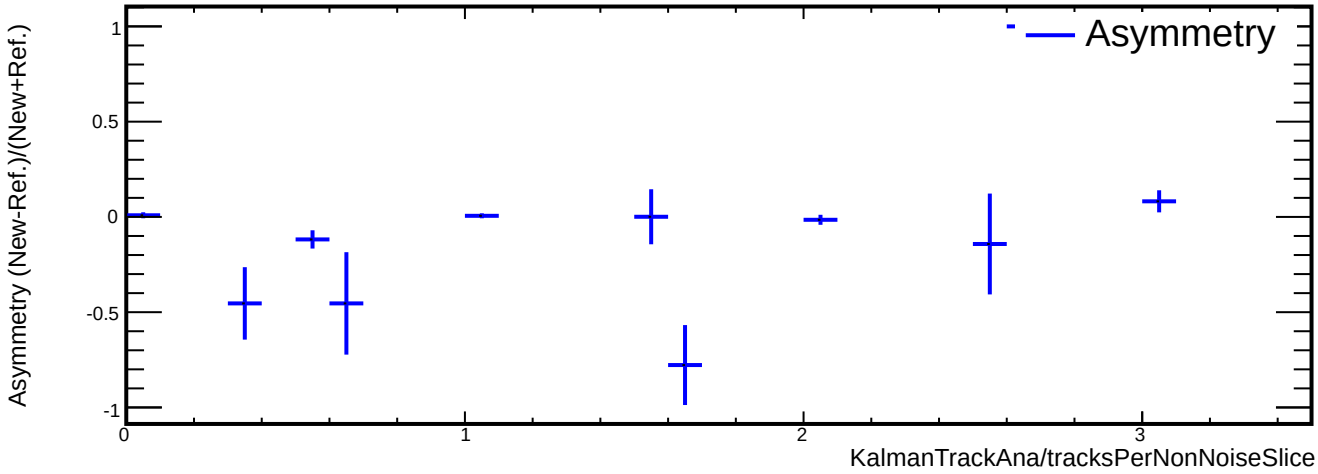

KS 0.496739, chi2 1.84835e-10
2012-06-09
2012-06-10
800
600
400
200
0
0
100
200
300
KalmanTrackAna/hitsPerTrack

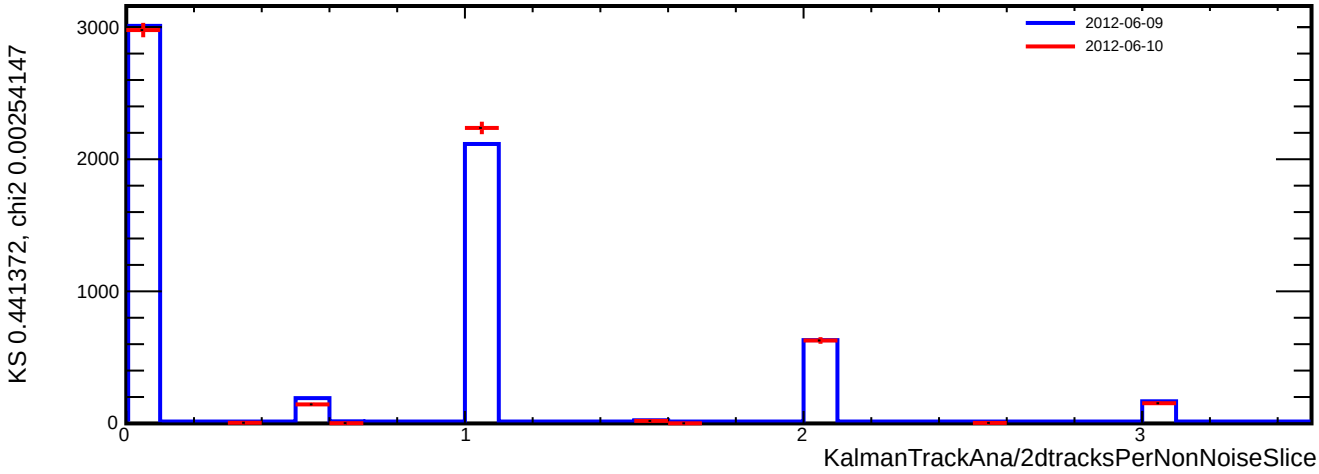

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
0
100
200
300
KalmanTrackAna/hitsPerTrack

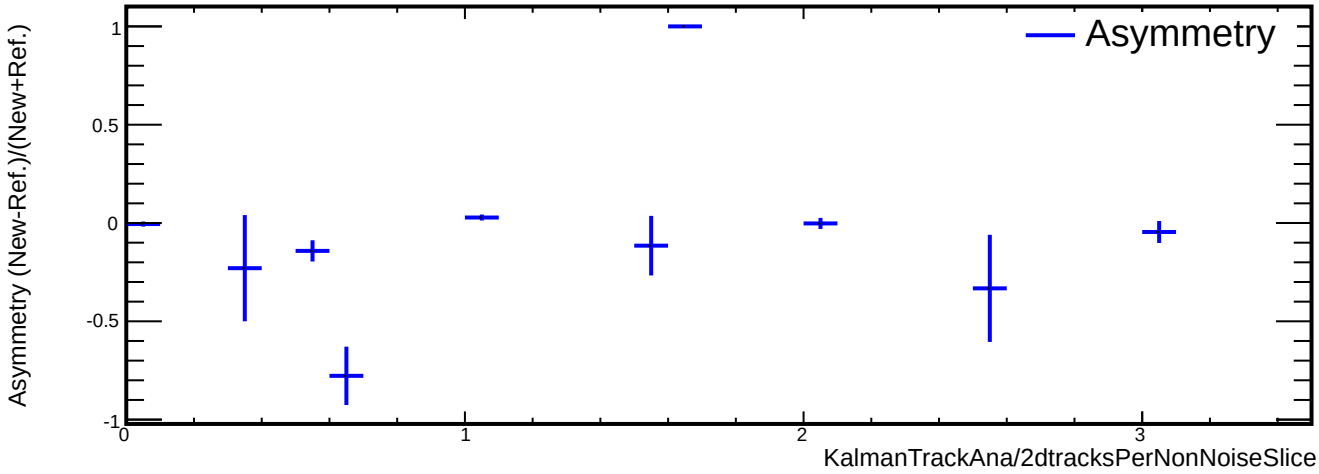

KS 0.999989, chi2 0.000159946
3000
2000
1000
0
0
5
10
15
20
KalmanTrackAna/tracksPerEvent
2012-06-09
2012-06-10

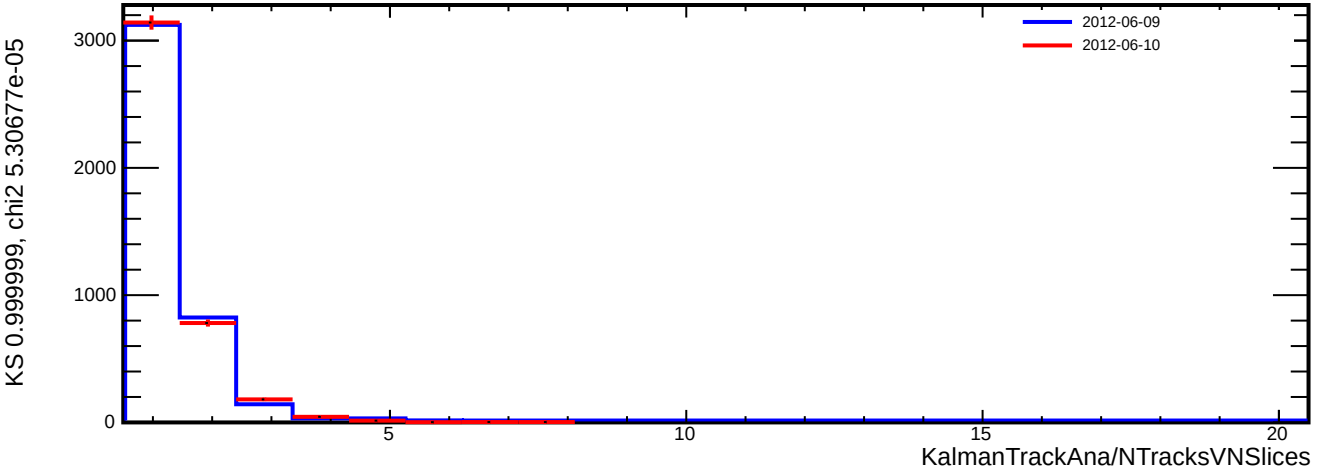

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
5
10
15
20
KalmanTrackAna/tracksPerEvent
Asymmetry

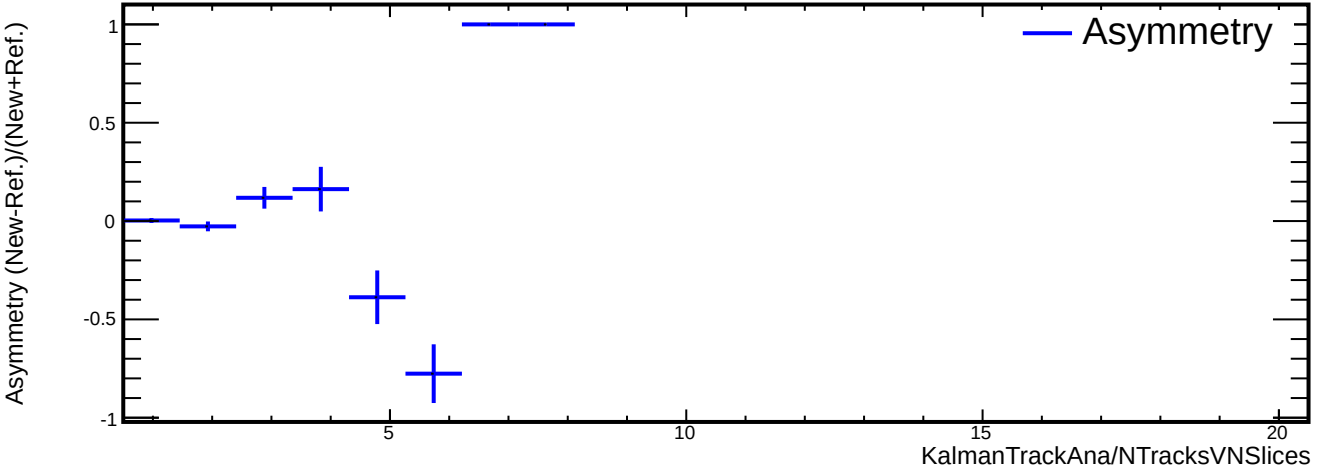

KS 0.999961, chi2 0.00968538
3000
2000
1000
0
0
1
2
3
2012-06-09
2012-06-10
KalmanTrackAna/tracksPerNonNoiseSlice

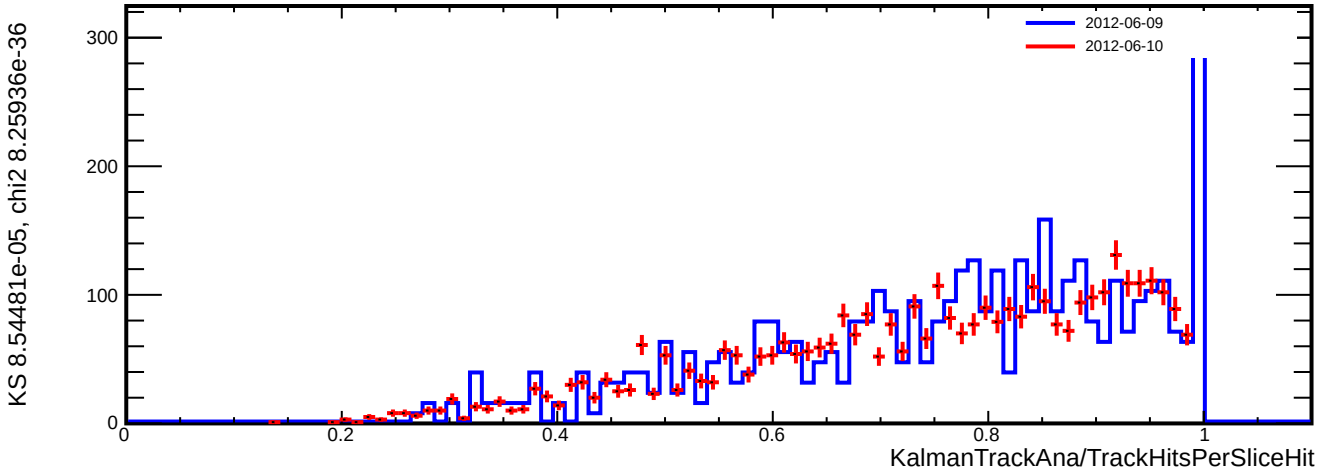

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1
2
3
Asymmetry
KalmanTrackAna/tracksPerNonNoiseSlice

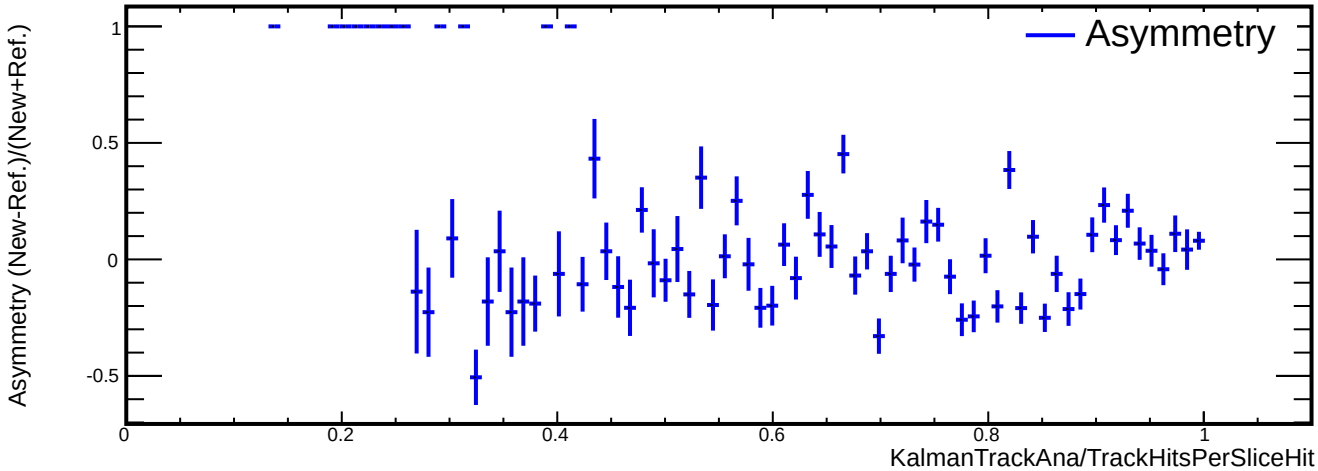

KS 0.441372, chi2 0.00254147
3000
2000
1000
0
0
1
2
3
2012-06-09
2012-06-10
KalmanTrackAna/2dtracksPerNonNoiseSlice

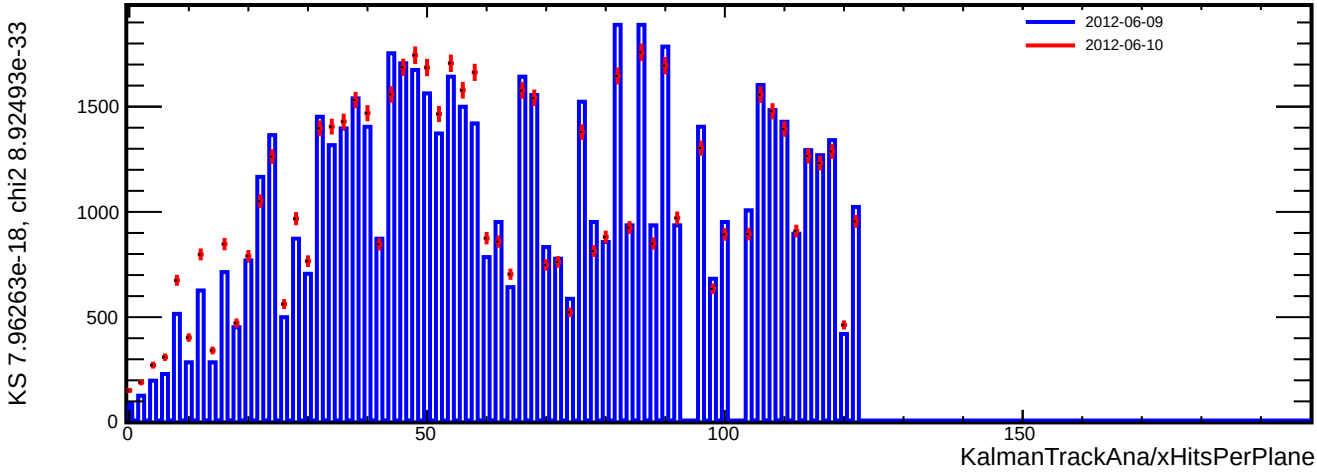

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1
2
3
Asymmetry
KalmanTrackAna/2dtracksPerNonNoiseSlice

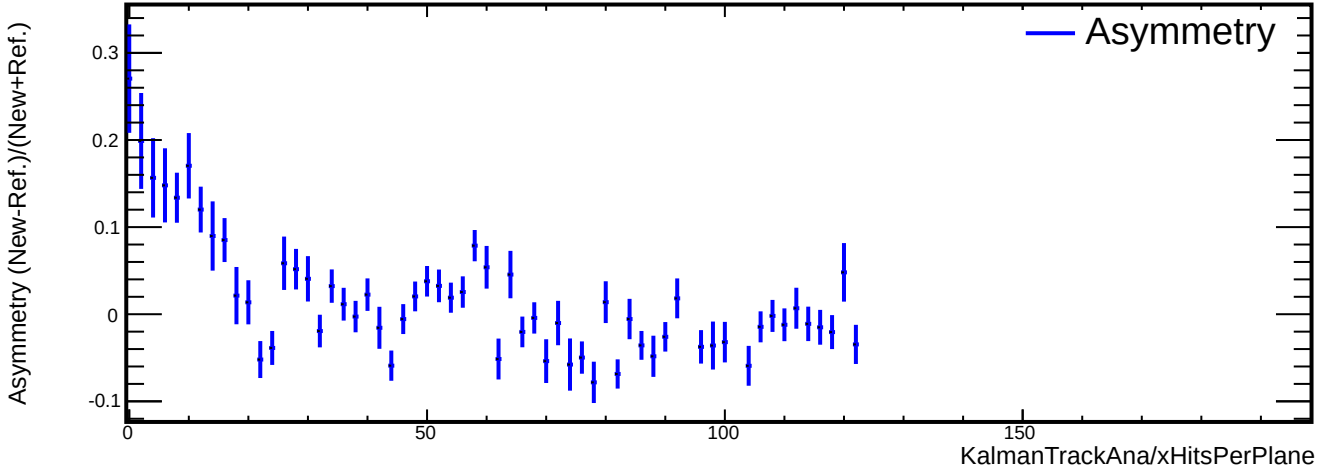

KS 0.999999, chi2 5.30677e-05
3000
2000
1000
0
5
10
15
20
KalmanTrackAna/NTracksVNSlices
2012-06-09
2012-06-10

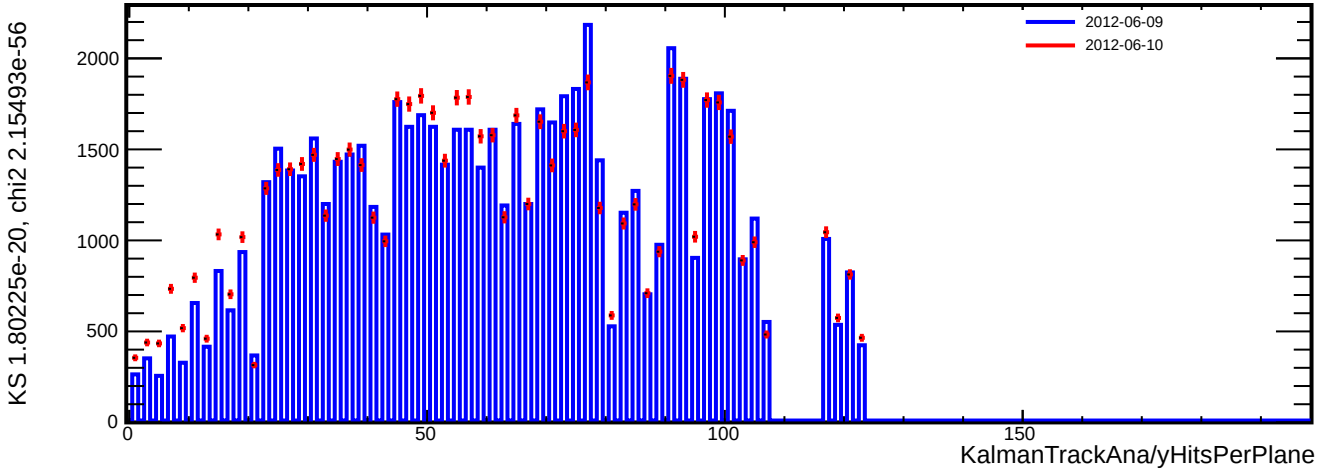

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
5
10
15
20
KalmanTrackAna/NTracksVNSlices
Asymmetry

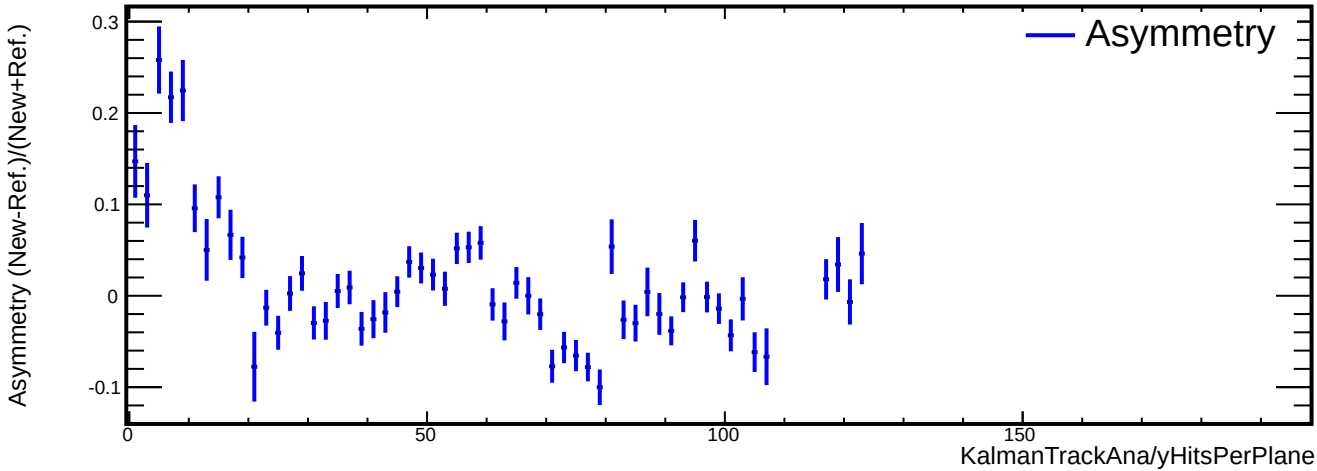

KS 8.54481e-05, chi2 8.25936e-36
2012-06-09
2012-06-10
300
200
100
0
0
0.2
0.4
0.6
0.8
1
KalmanTrackAna/TrackHitsPerSliceHit

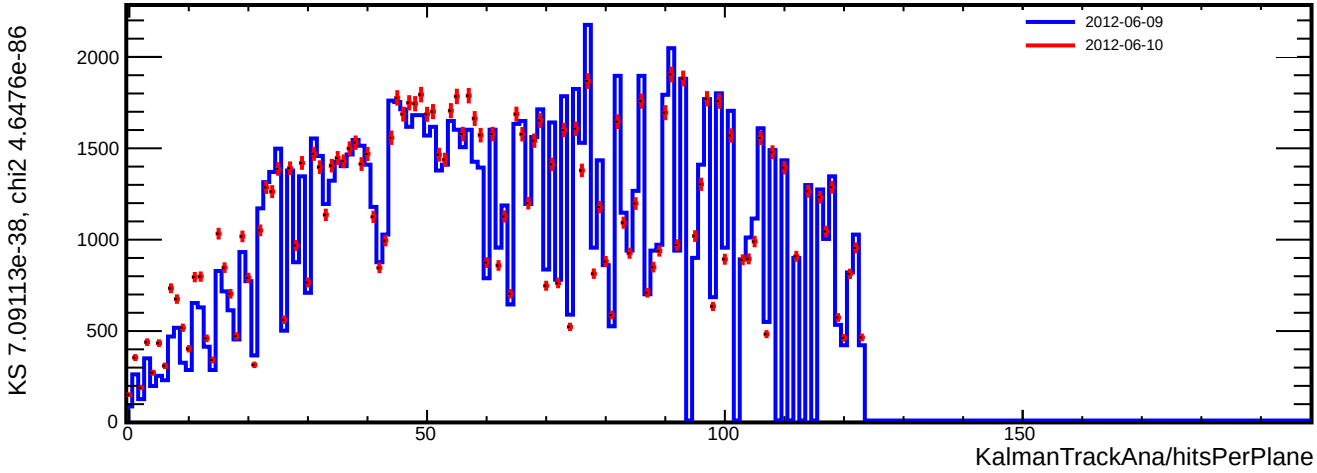

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
0
0.2
0.4
0.6
0.8
1
KalmanTrackAna/TrackHitsPerSliceHit

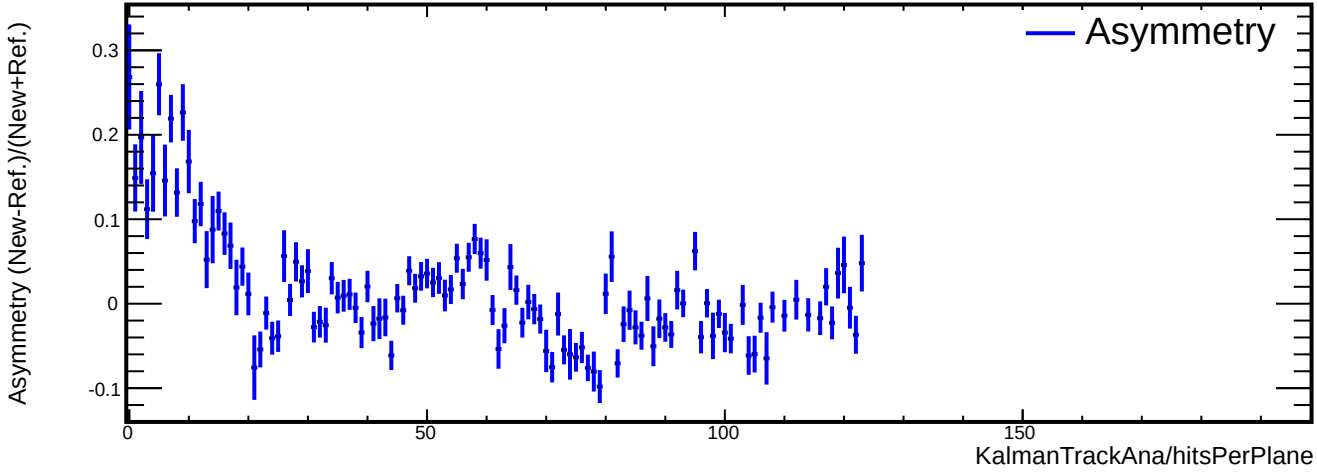

KS 7.96263e-18, chi2 8.92493e-33
2012-06-09
2012-06-10
0
500
1000
1500
0
50
100
150
KalmanTrackAna/xHitsPerPlane

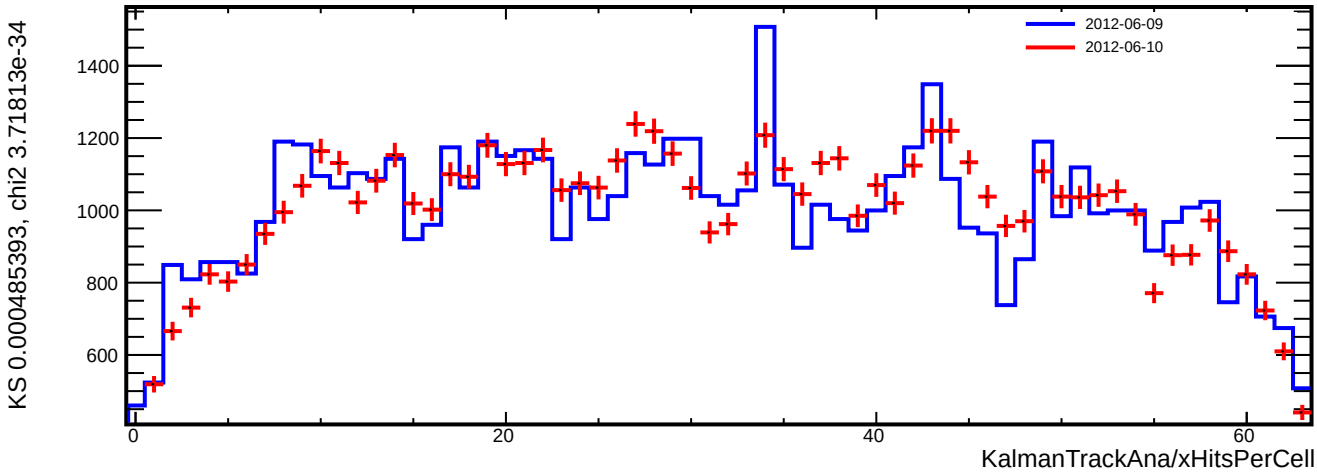

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
-0.1
0
0.1
0.2
0.3
0
50
100
150
KalmanTrackAna/xHitsPerPlane

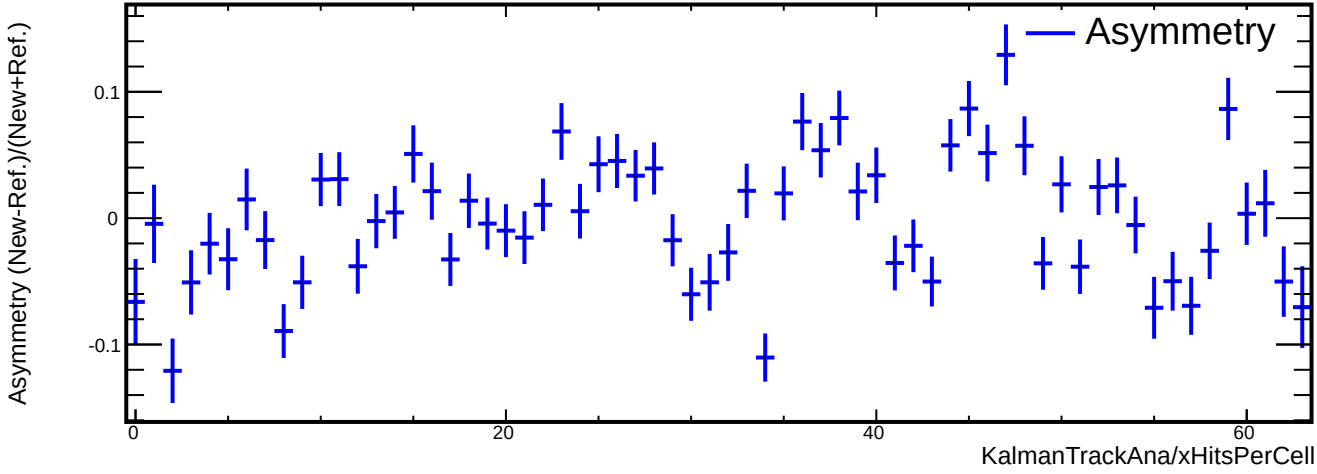

KS 1.80225e-20, chi2 2.15493e-56
2012-06-09
2012-06-10
0
500
1000
1500
2000
0
50
100
150
KalmanTrackAna/yHitsPerPlane

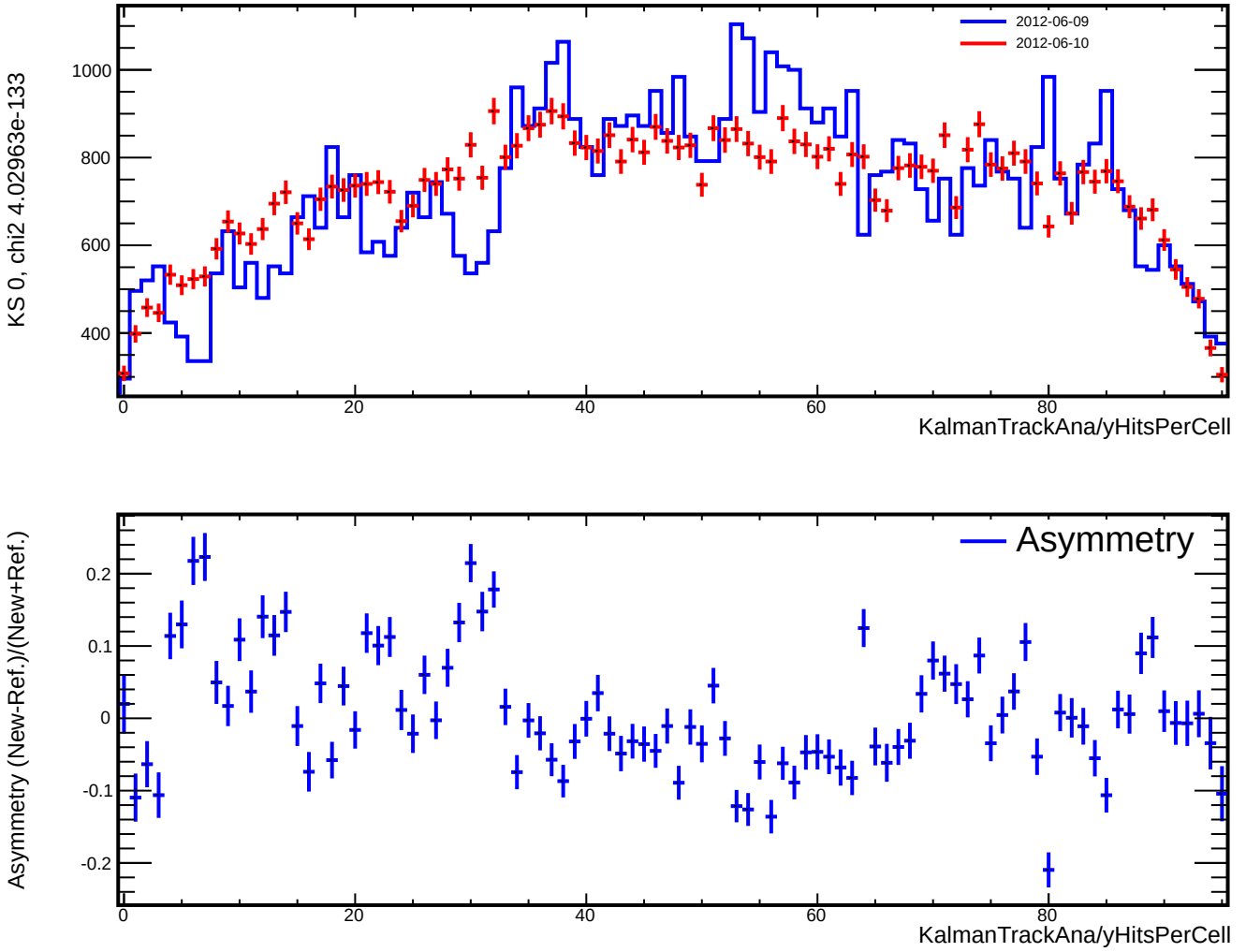

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
-0.1
0
0.1
0.2
0.3
0
50
100
150
KalmanTrackAna/yHitsPerPlane

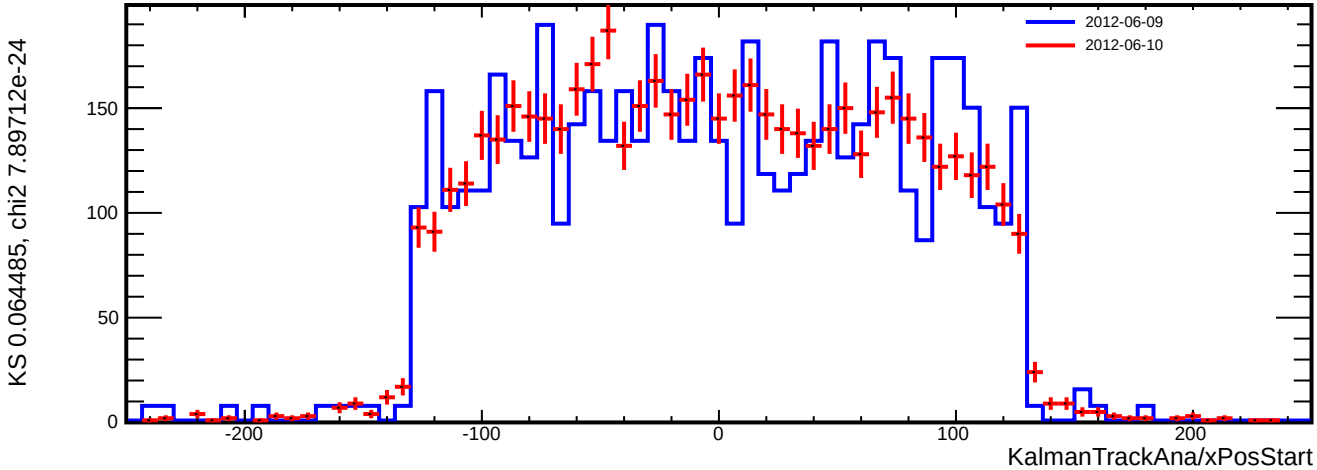

KS 7.09113e-38, chi2 4.6476e-86
2012-06-09
2012-06-10
0
500
1000
1500
2000
0
50
100
150
KalmanTrackAna/hitsPerPlane

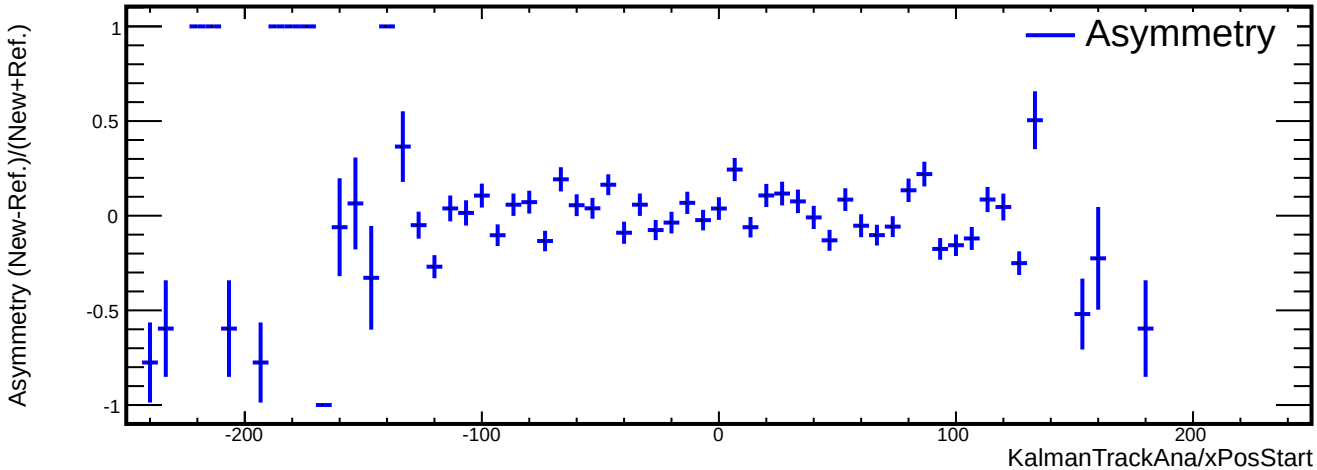

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
-0.1
0
0.1
0.2
0.3
0
50
100
150
KalmanTrackAna/hitsPerPlane

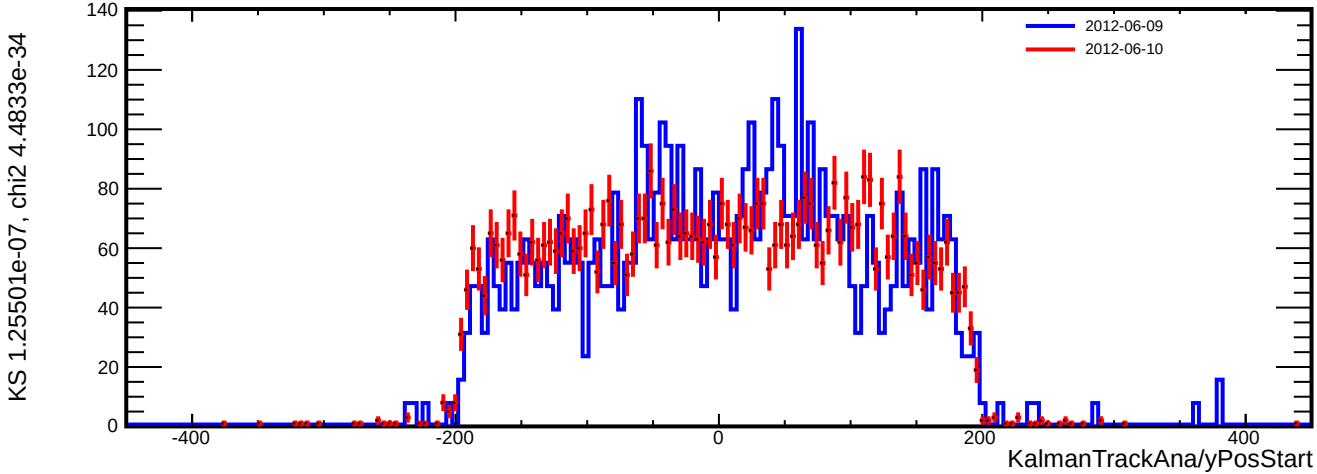

KS 0.000485393, chi2 3.71813e-34
2012-06-09
2012-06-10
1400
1200
1000
800
600
0
20
40
60
KalmanTrackAna/xHitsPerCell

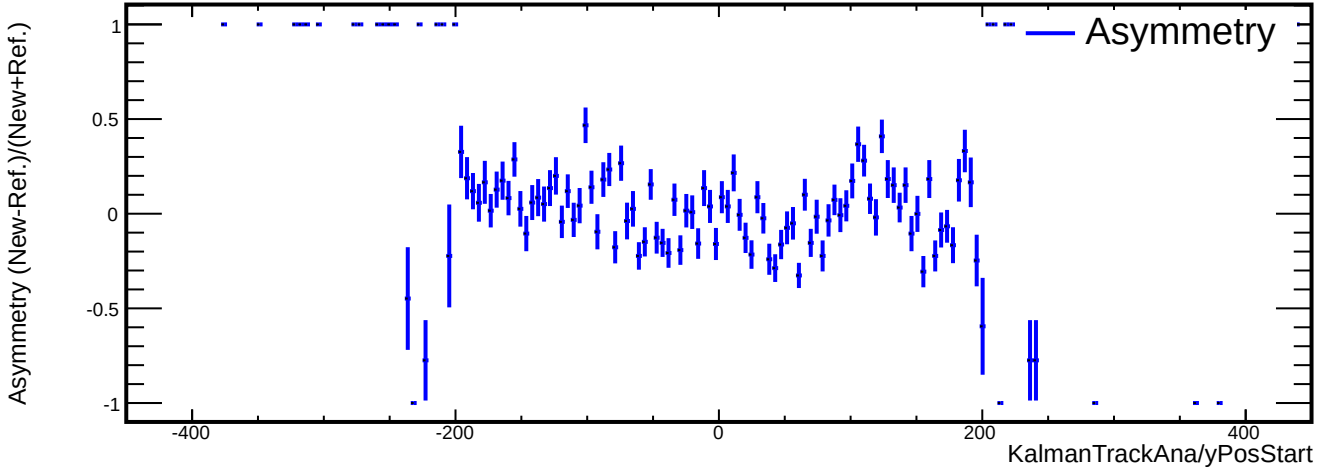

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
0
20
40
60
KalmanTrackAna/xHitsPerCell

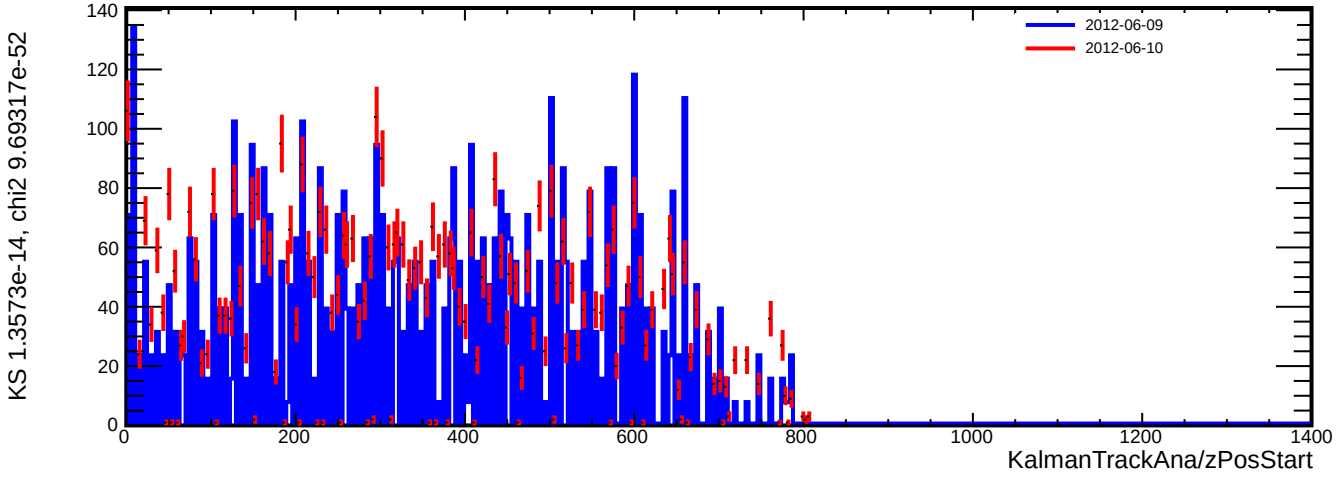

KS 0, chi2 4.02963e-133
2012-06-09
2012-06-10
KalmanTrackAna/yHitsPerCell
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerCell

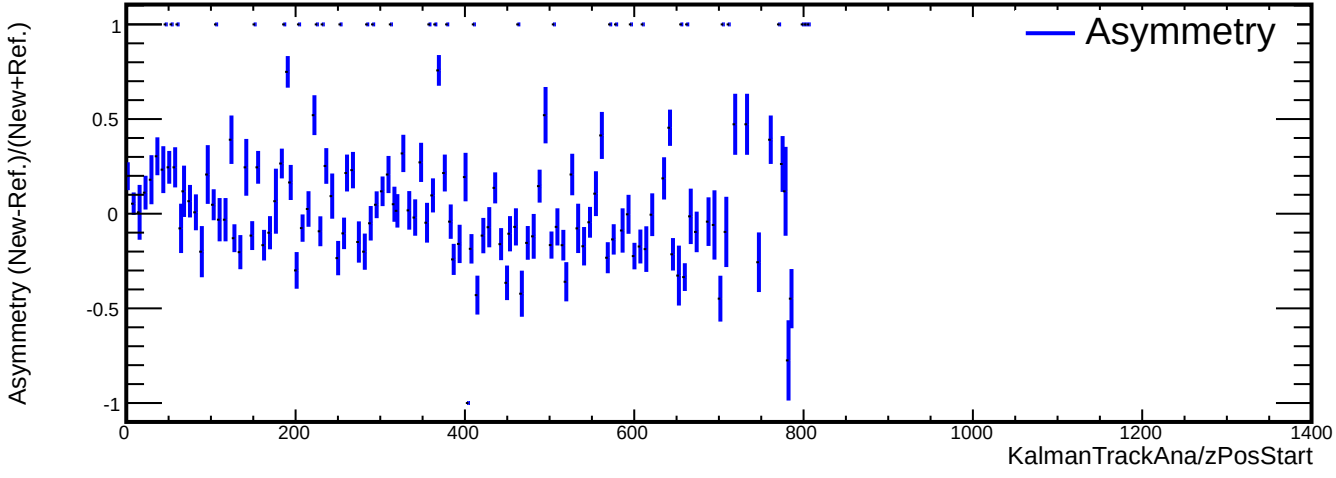

KS 0.064485, chi2 7.89712e-24
2012-06-09
2012-06-10
150
100
50
0
-200
-100
0
100
200
KalmanTrackAna/xPosStart

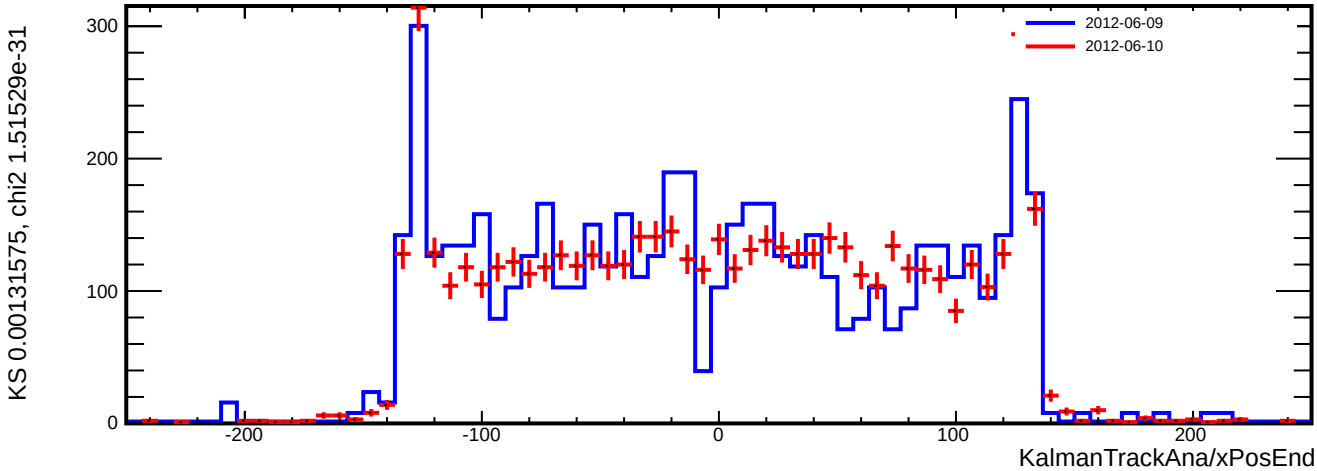

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
KalmanTrackAna/xPosStart

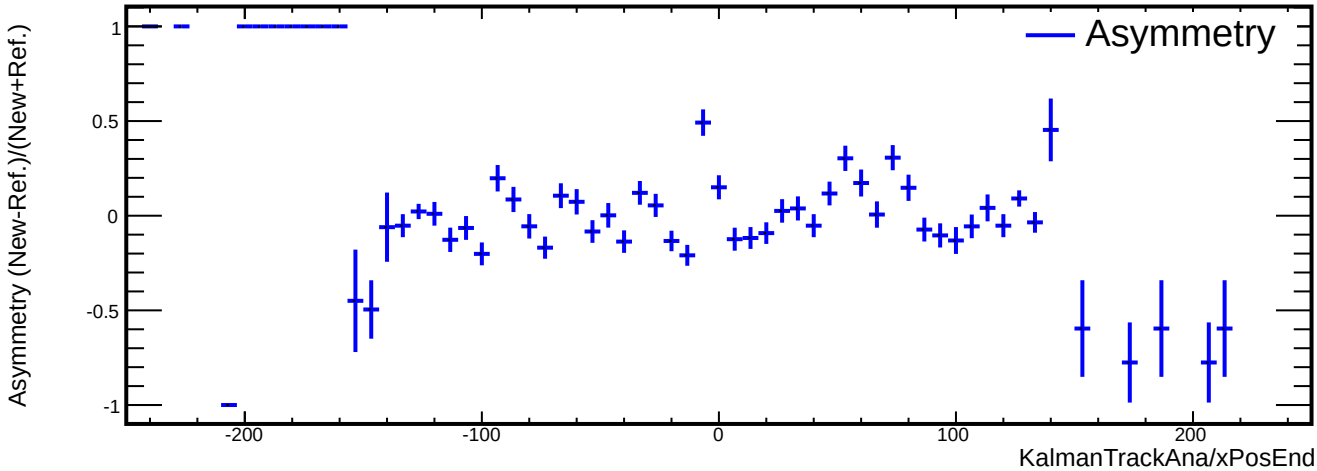

KS 1.25501e-07, chi2 4.4833e-34
2012-06-09
2012-06-10
KalmanTrackAna/yPosStart

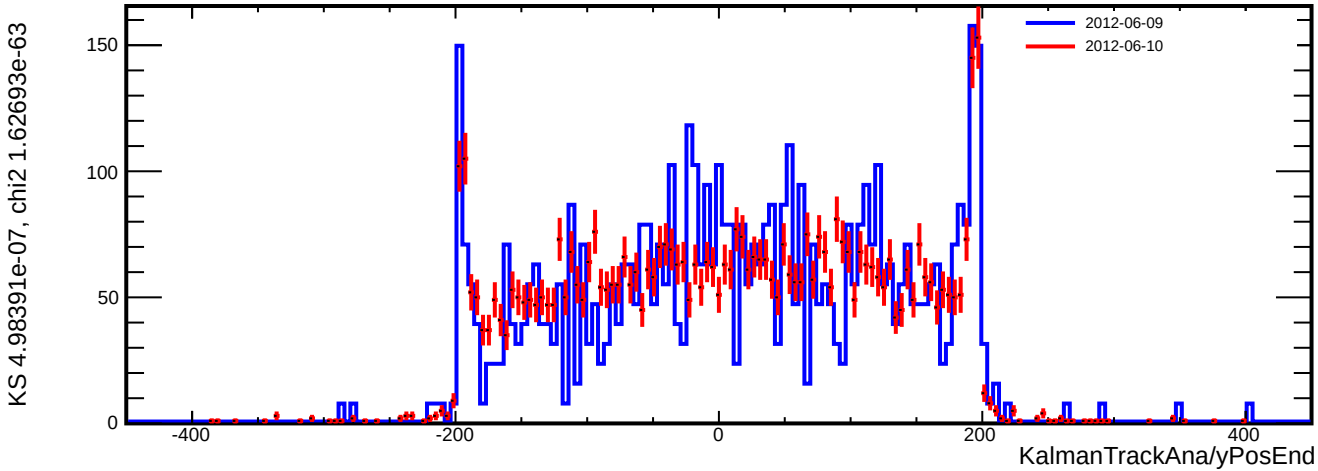

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yPosStart

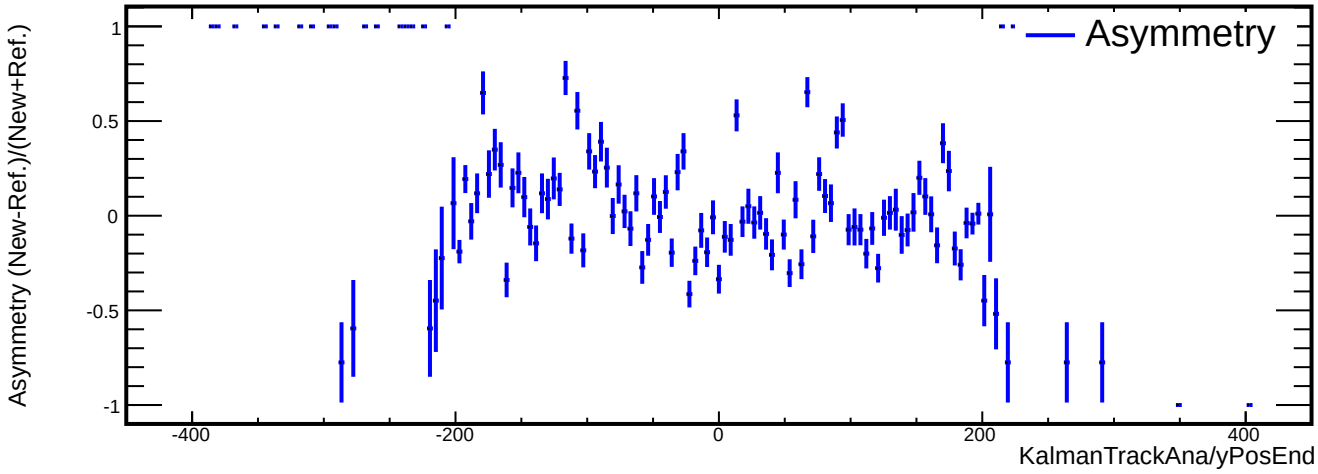

KS 1.3573e-14, chi2 9.69317e-52
2012-06-09
2012-06-10
KalmanTrackAna/zPosStart

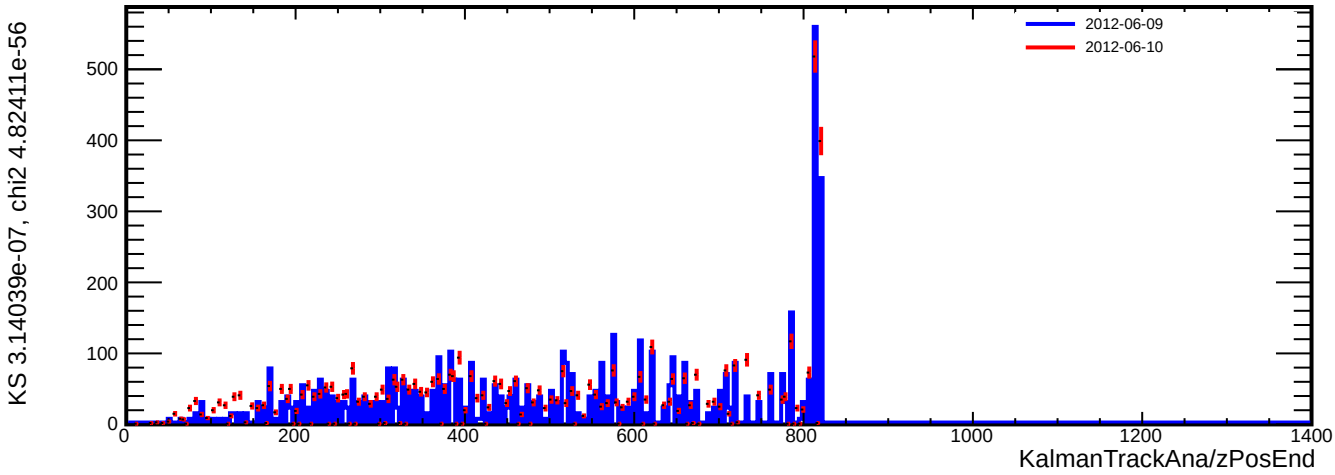

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/zPosStart

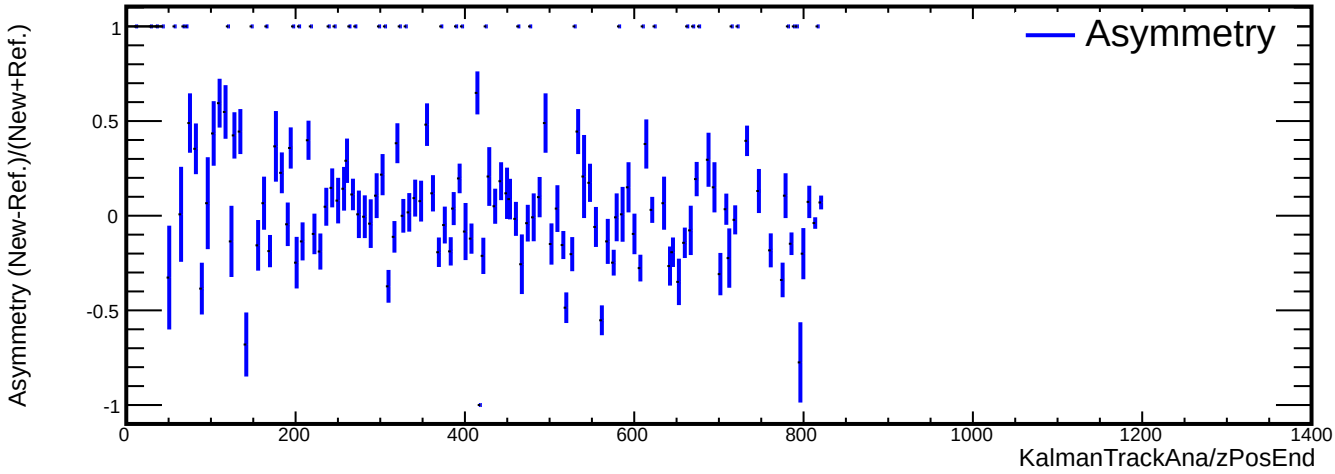

KS 0.00131575, chi2 1.51529e-31
2012-06-09
2012-06-10
300
200
100
0
-200
-100
0
100
200
KalmanTrackAna/xPosEnd

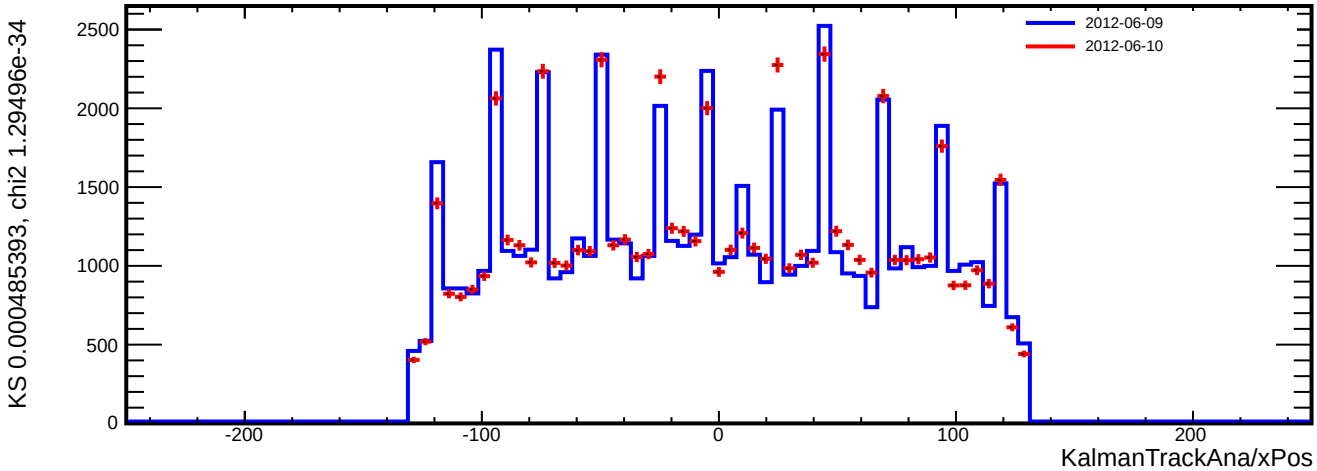

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
KalmanTrackAna/xPosEnd

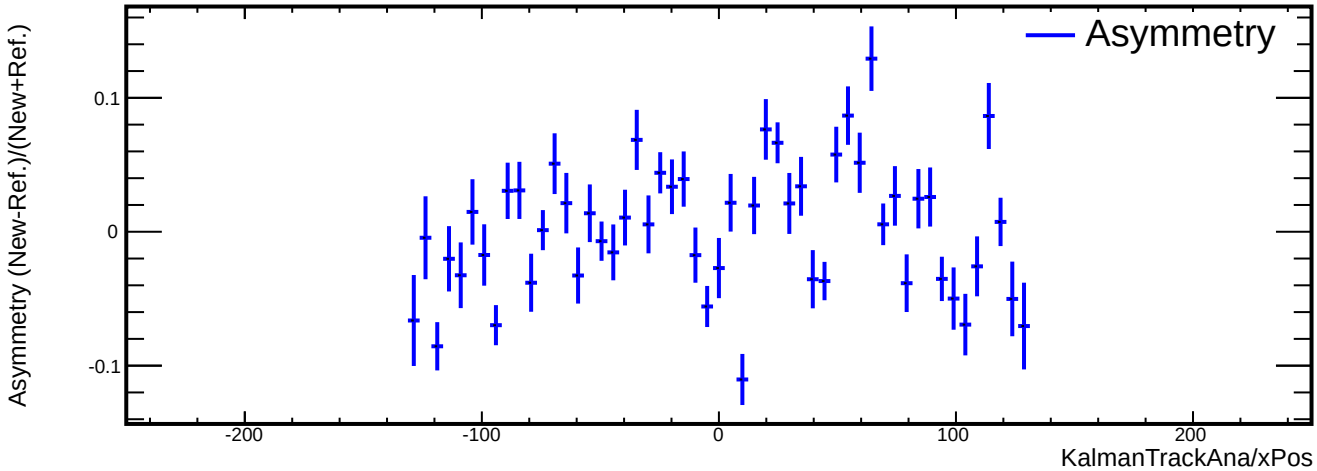

KS 4.98391e-07, chi2 1.62693e-63
150
100
50
0
-400
-200
0
200
400
KalmanTrackAna/yPosEnd
2012-06-09
2012-06-10

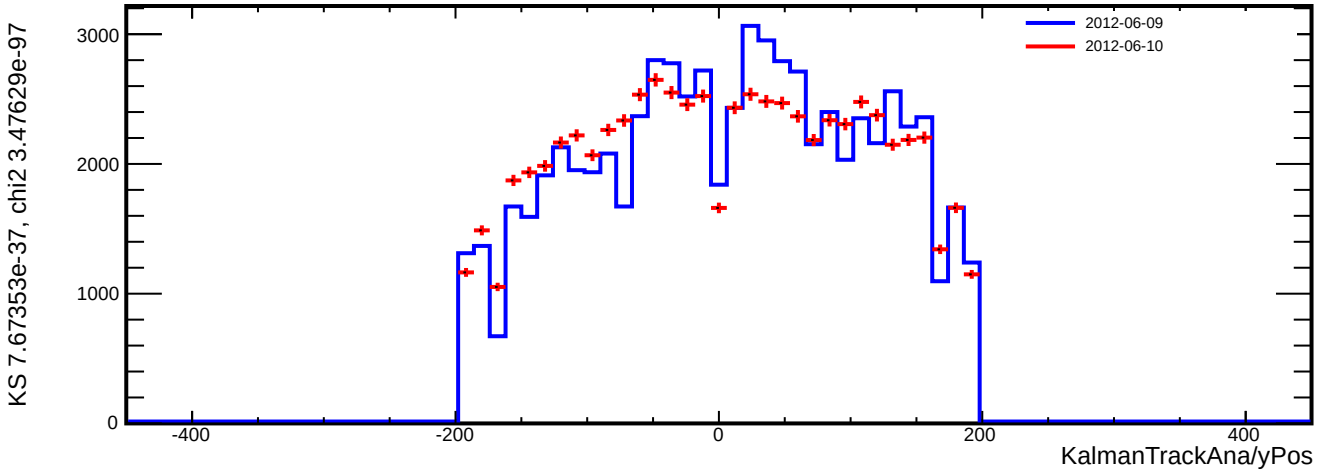

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-400
-200
0
200
400
KalmanTrackAna/yPosEnd
Asymmetry

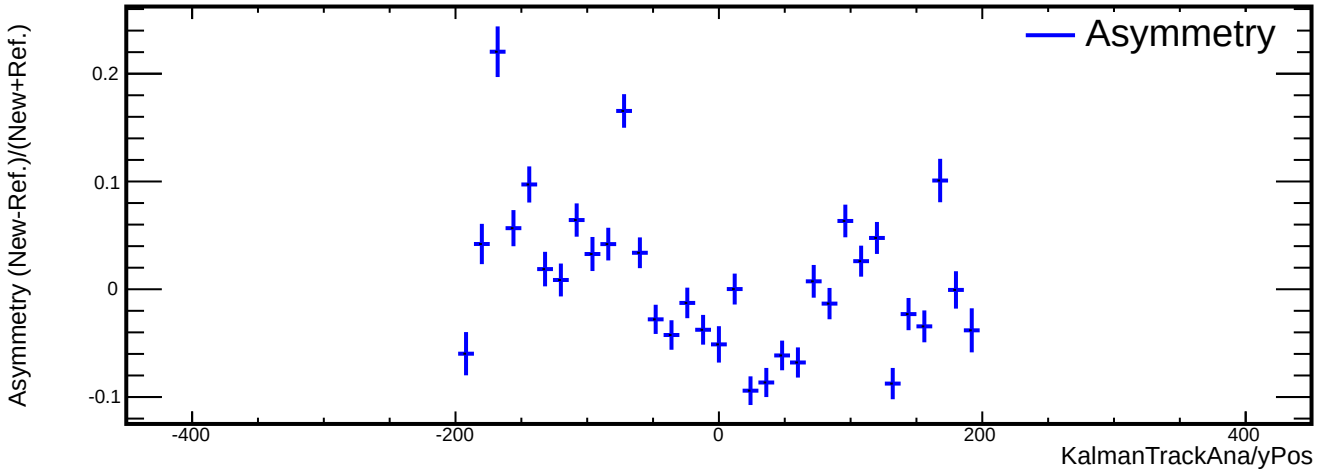

KS 3.14039e-07, chi2 4.82411e-56
2012-06-09
2012-06-10
0
100
200
300
400
500
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosEnd

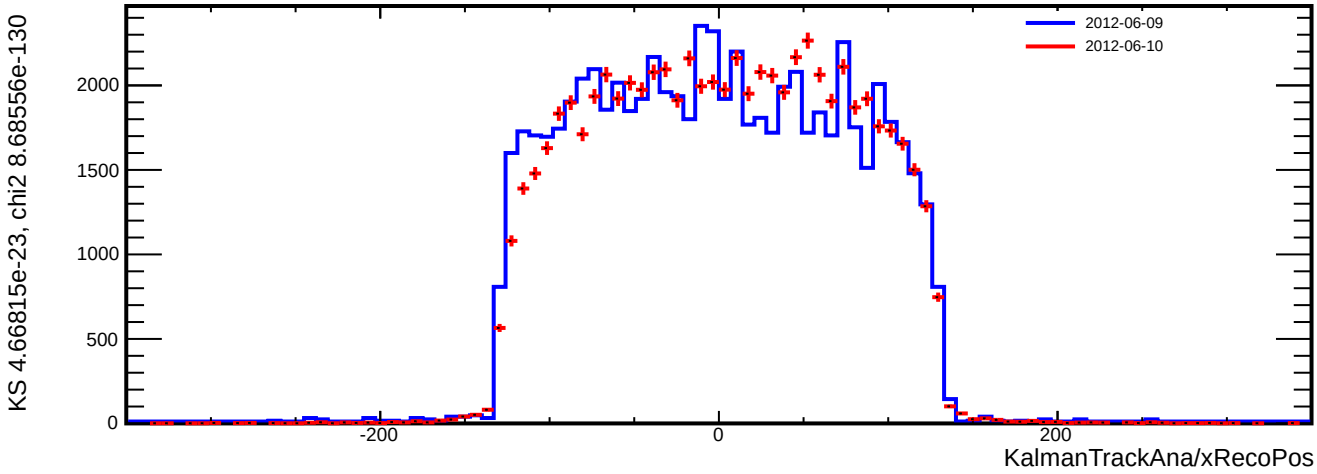

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosEnd

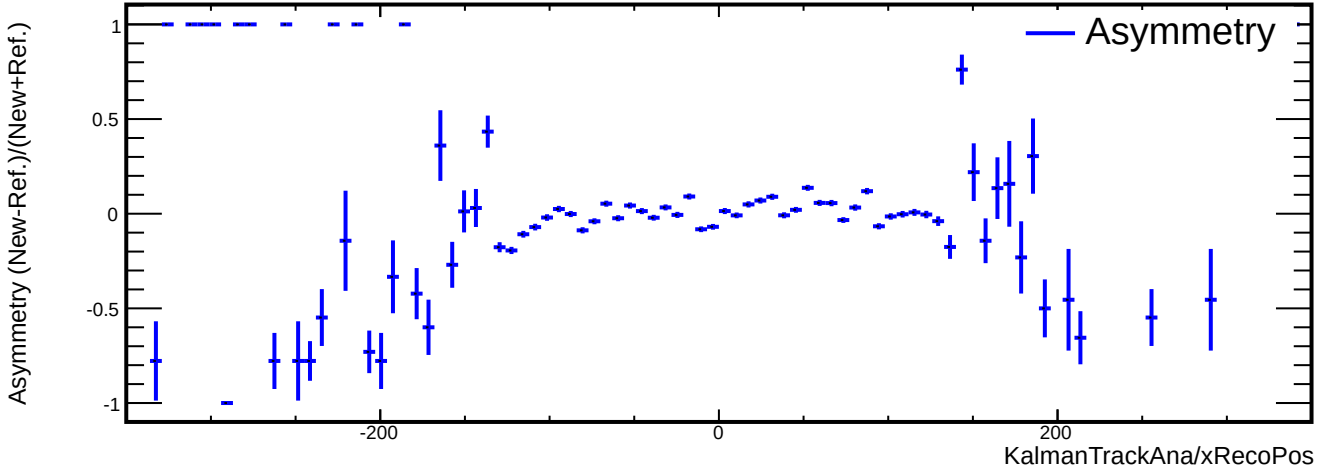

KS 0.000485393, chi2 1.29496e-34
2012-06-09
2012-06-10
2500
2000
1500
1000
500
0
-200
-100
0
100
200
KalmanTrackAna/xPos

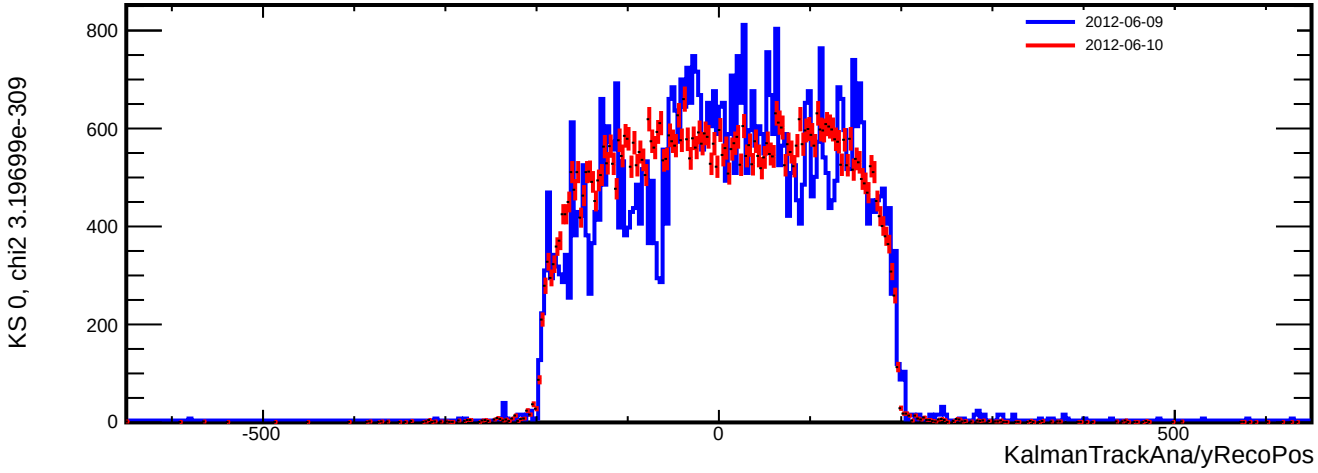

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
-200
-100
0
100
200
KalmanTrackAna/xPos

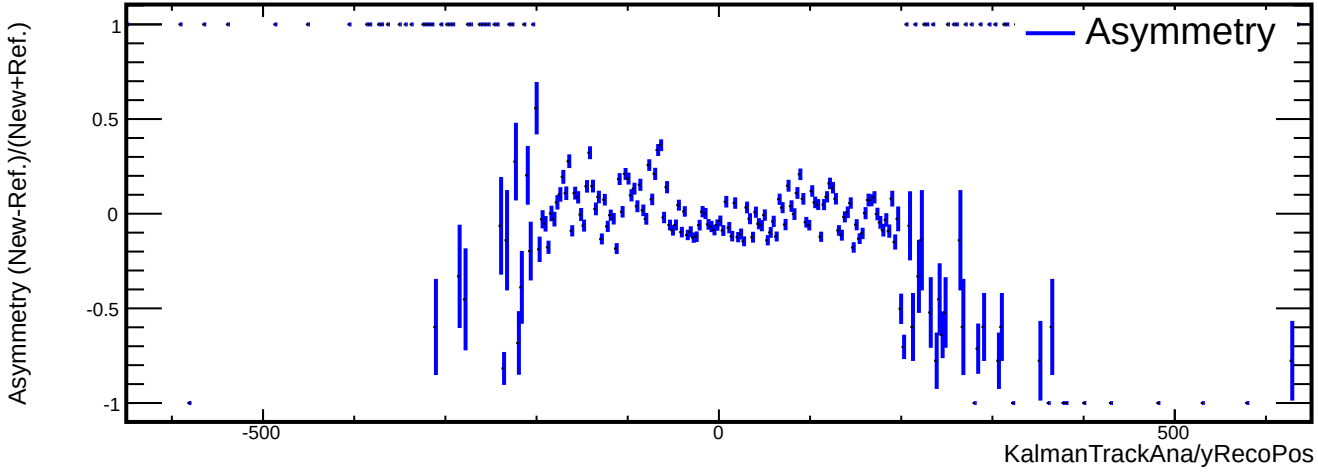

KS 7.67353e-37, chi2 3.47629e-97
3000
2000
1000
0
-400
-200
0
200
400
KalmanTrackAna/yPos
2012-06-09
2012-06-10

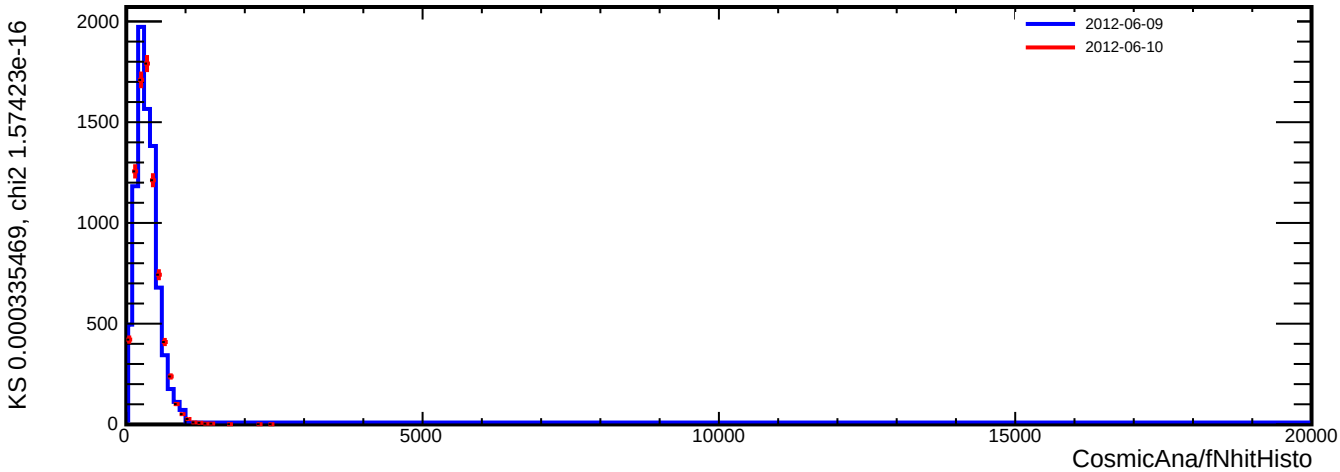

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0.1
0
-0.1
-400
-200
0
200
400
KalmanTrackAna/yPos
Asymmetry

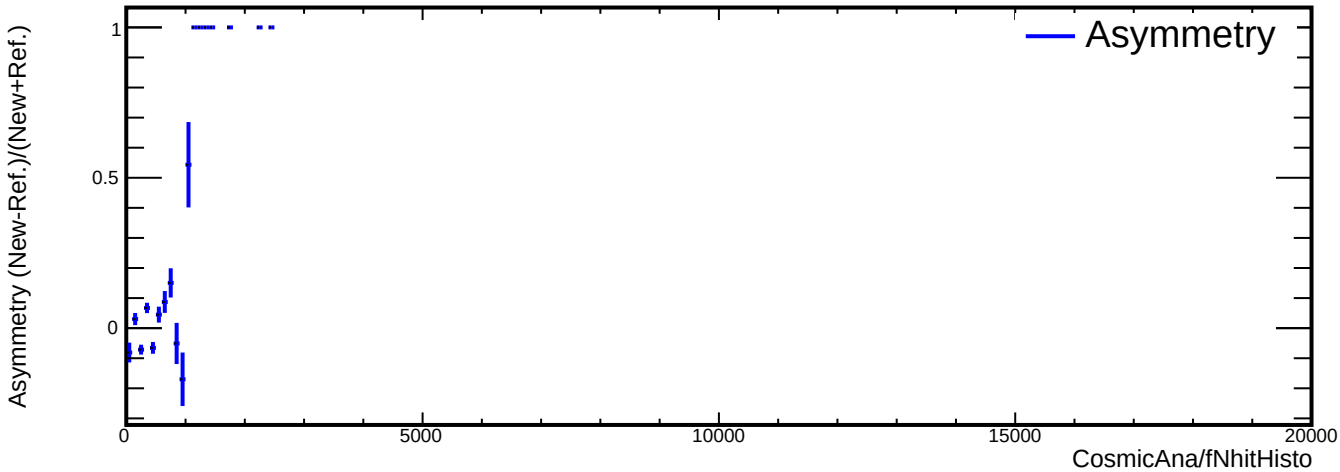

KS 4.66815e-23, chi2 8.68556e-130
2012-06-09
2012-06-10
2000
1500
1000
500
0
-200
0
200
KalmanTrackAna/xRecoPos

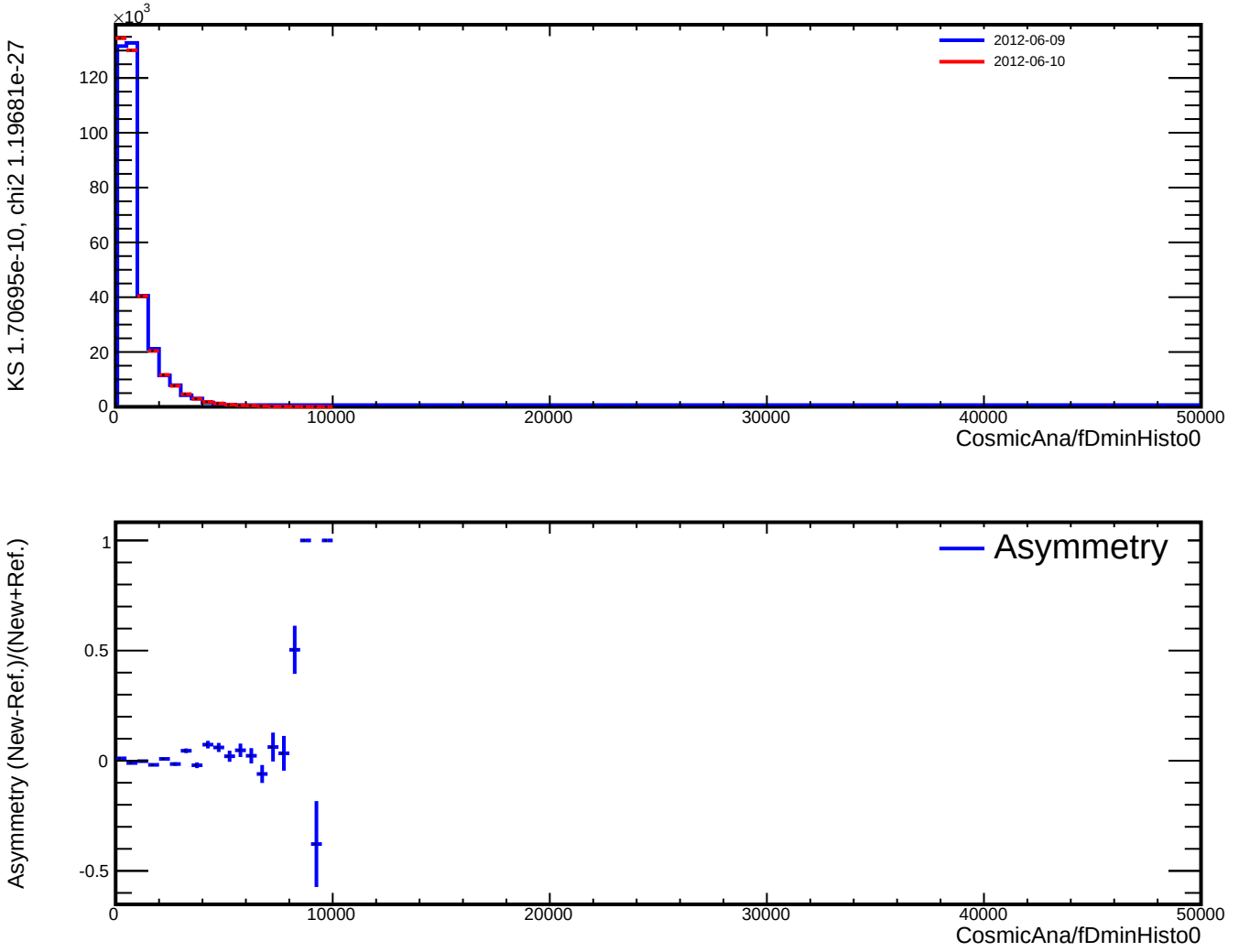

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
0
200
KalmanTrackAna/xRecoPos

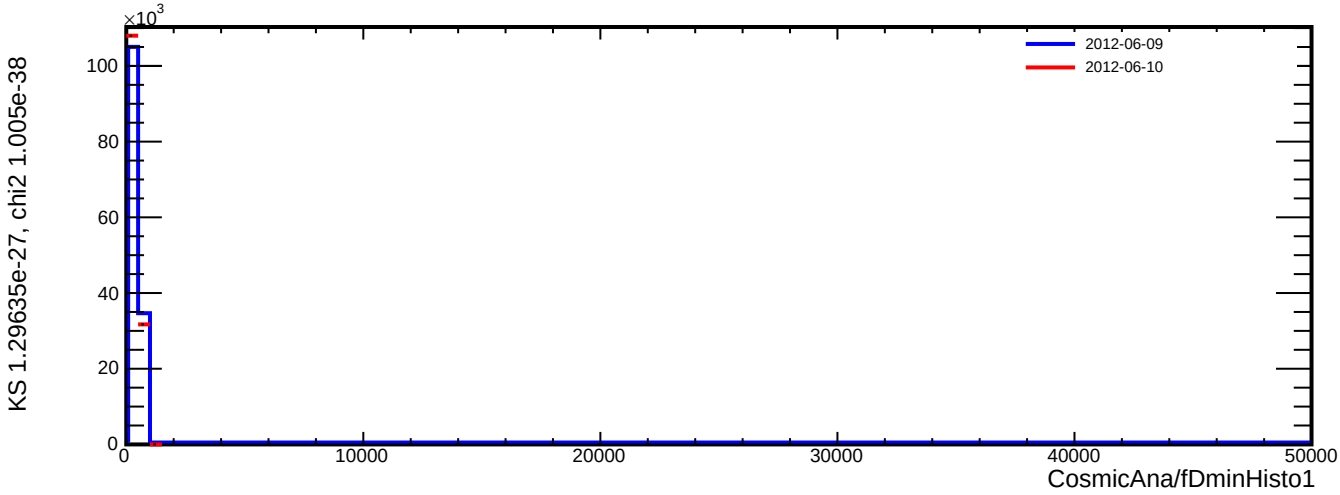

2012-06-09
2012-06-10
KS 0, chi2 3.19699e-309
800
600
400
200
0
-500
0
500
KalmanTrackAna/yRecoPos

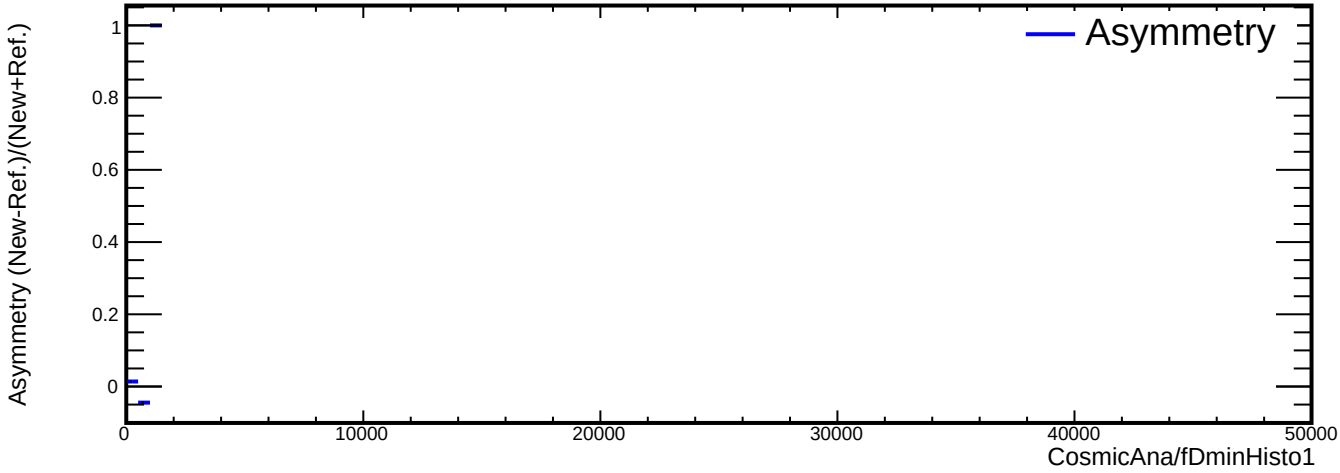

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-500
0
500
KalmanTrackAna/yRecoPos

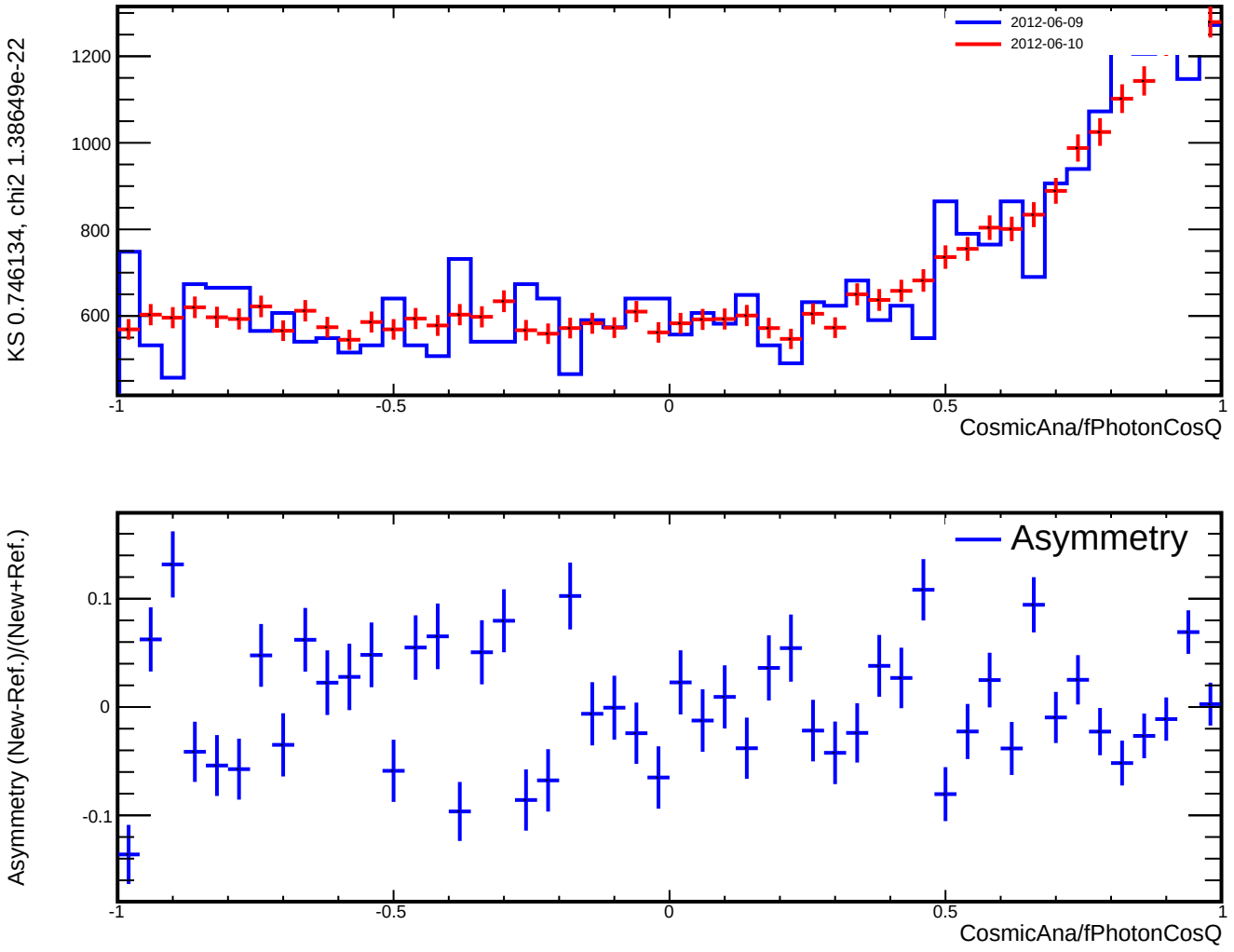

KS 0.000335469, chi2 1.57423e-16
2012-06-09
2012-06-10
2000
1500
1000
500
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

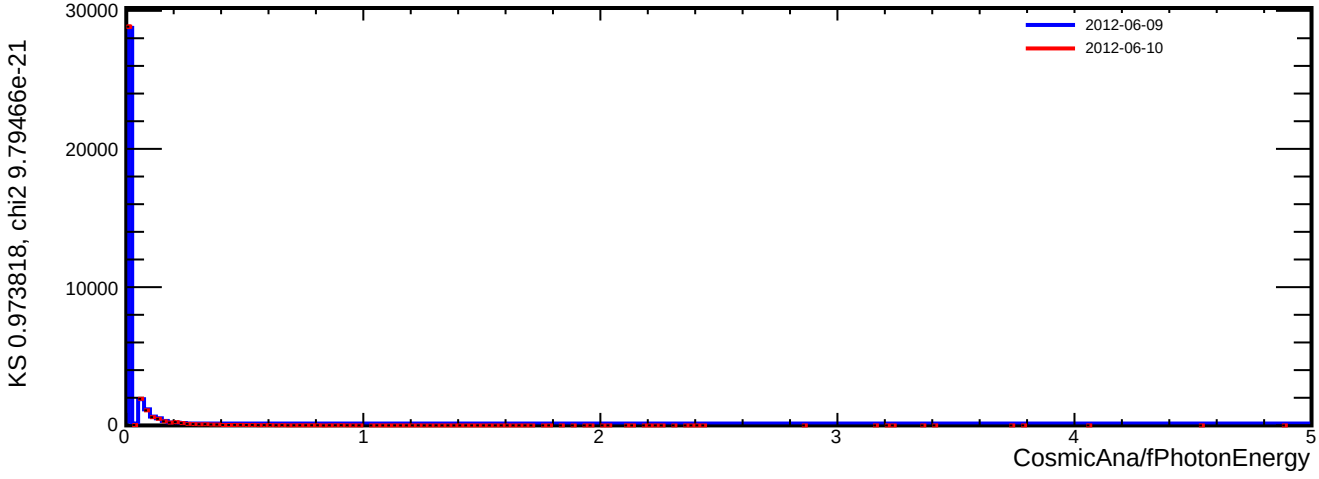

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

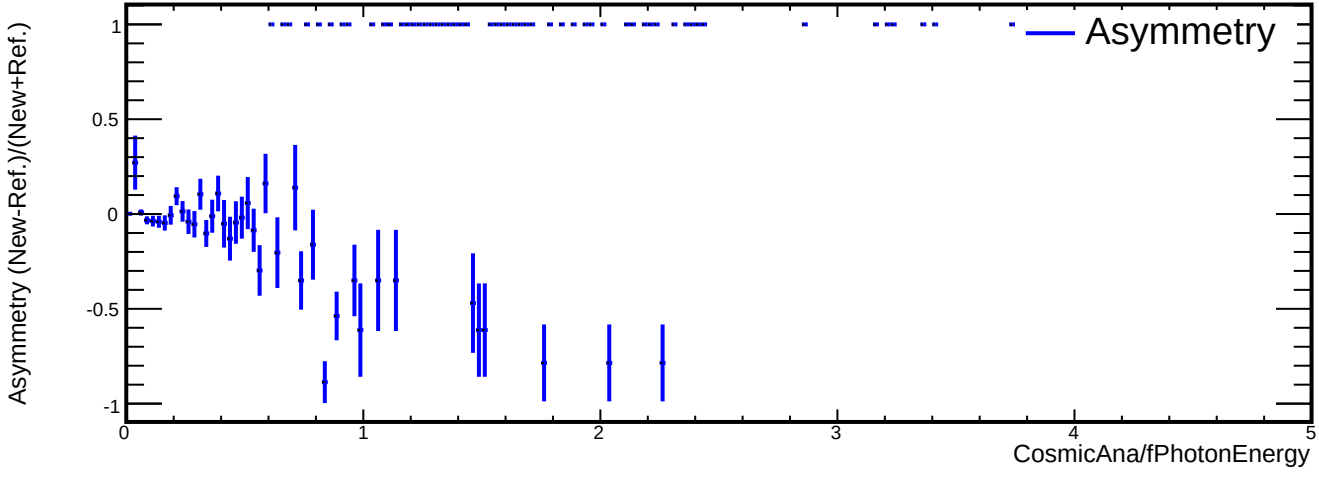

KS 1.70695e-10, chi2 1.19681e-27
×10^3
120
100
80
60
40
20
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
2012-06-09
2012-06-10
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
Asymmetry
CosmicAna/fDminHisto0

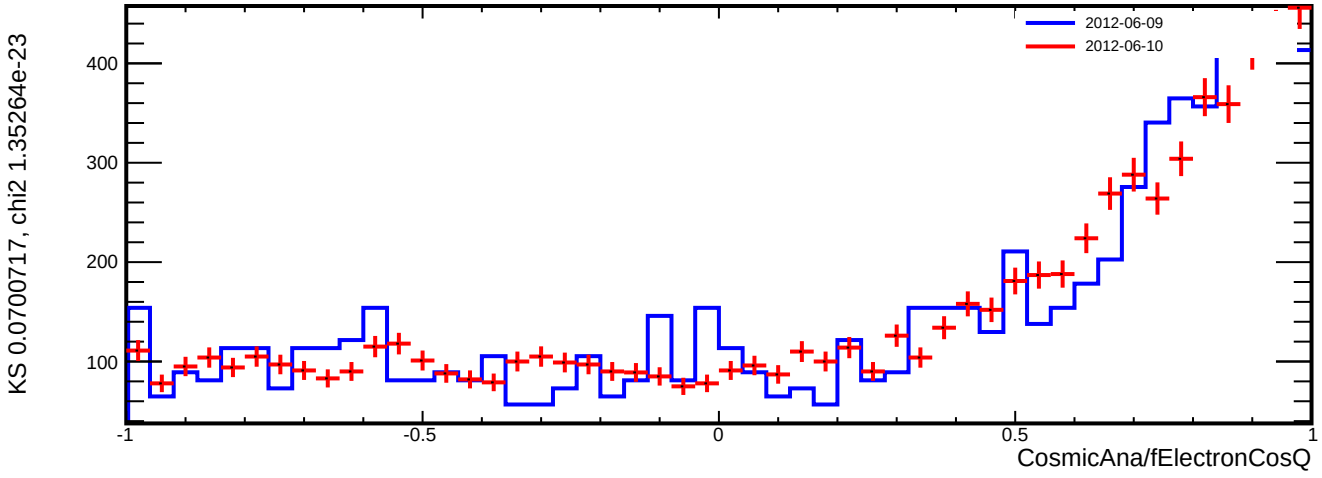

×10^3
100
80
60
40
20
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1
KS 1.29635e-27, chi2 1.005e-38
2012-06-09
2012-06-10

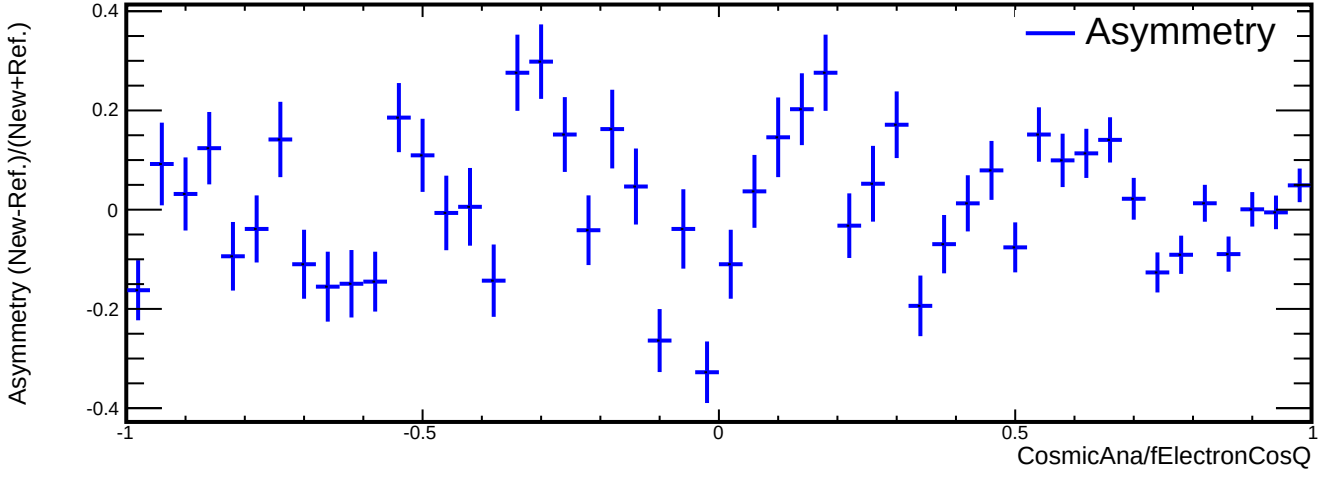

1
0.8
0.6
0.4
0.2
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry

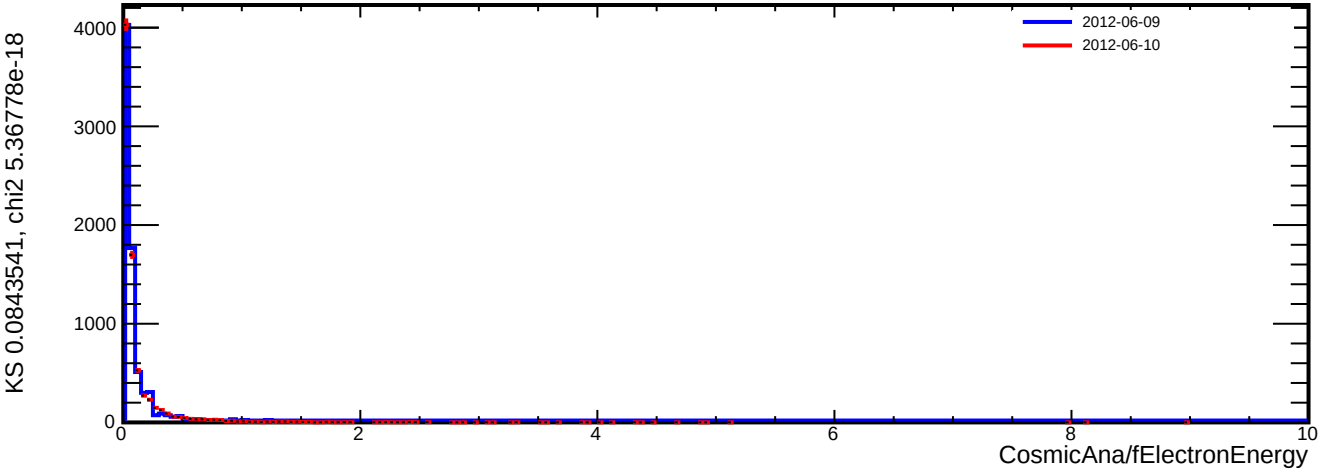

KS 0.746134, chi2 1.38649e-22
2012-06-09
2012-06-10
1200
1000
800
600
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ

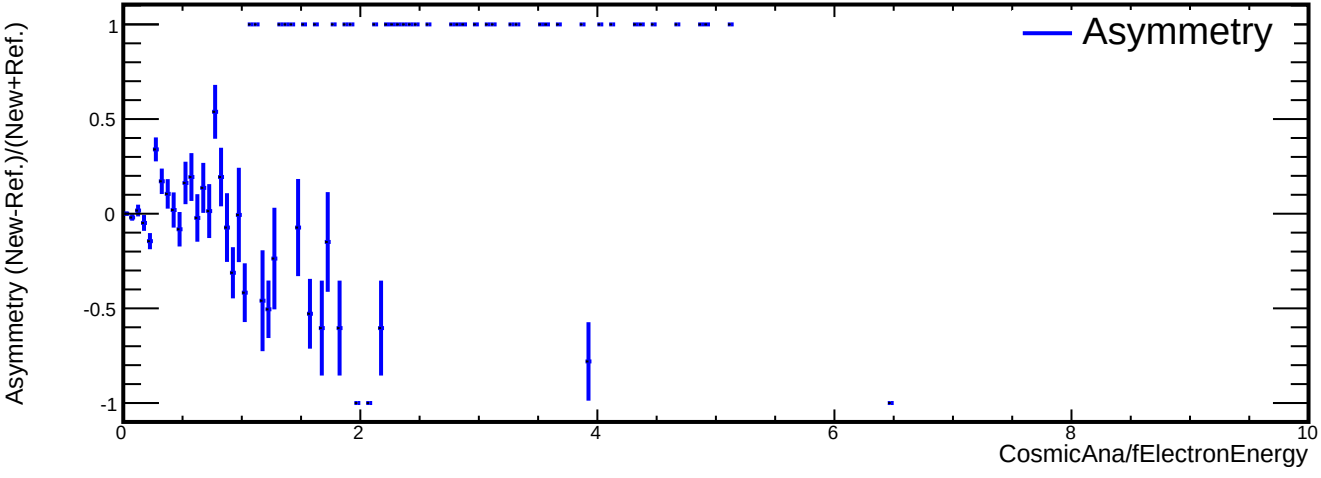

KS 0.973818, chi2 9.79466e-21
30000
20000
10000
0
0
1
2
3
4
5
CosmicAna/fPhotonEnergy
2012-06-09
2012-06-10

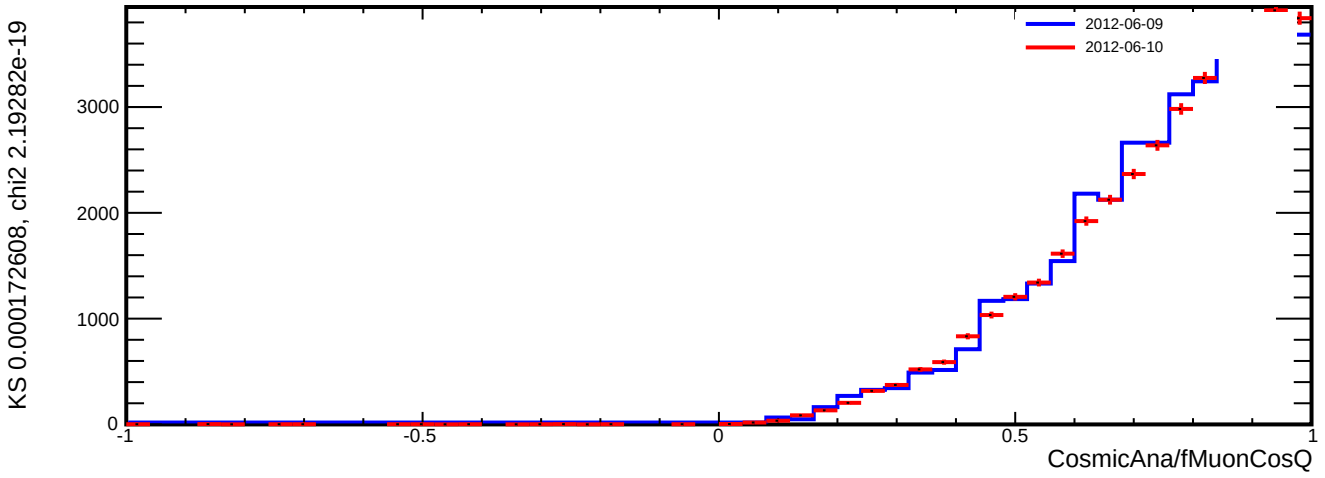

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1
2
3
4
5
CosmicAna/fPhotonEnergy
Asymmetry

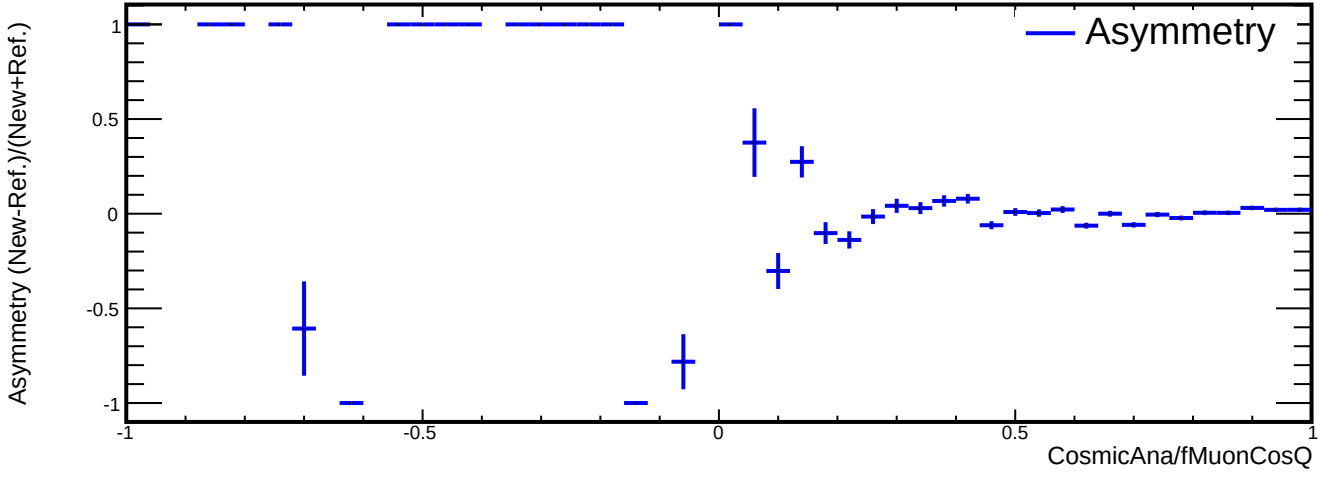

KS 0.0700717, chi2 1.35264e-23
2012-06-09
2012-06-10
400
300
200
100
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

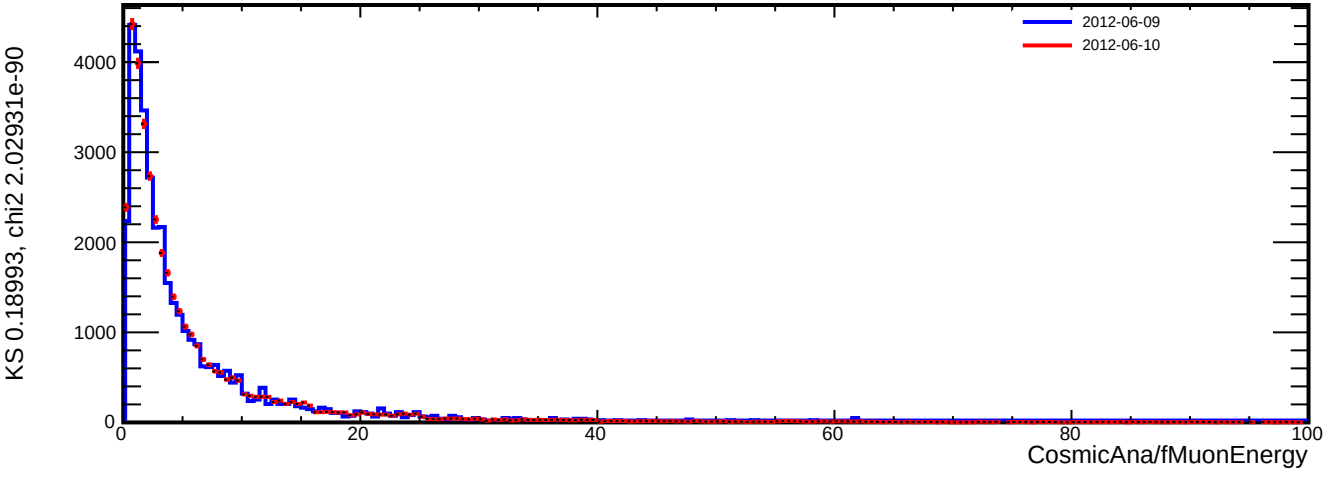

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.4
0.2
0
-0.2
-0.4
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

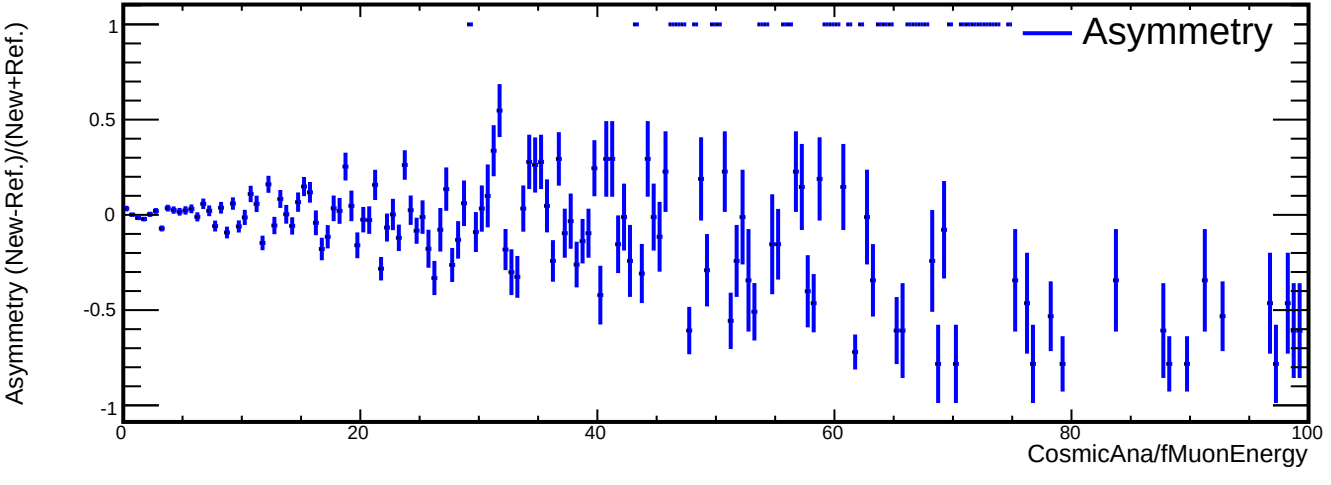

KS 0.0843541, chi2 5.36778e-18
2012-06-09
2012-06-10
4000
3000
2000
1000
0
0
2
4
6
8
10
CosmicAna/fElectronEnergy

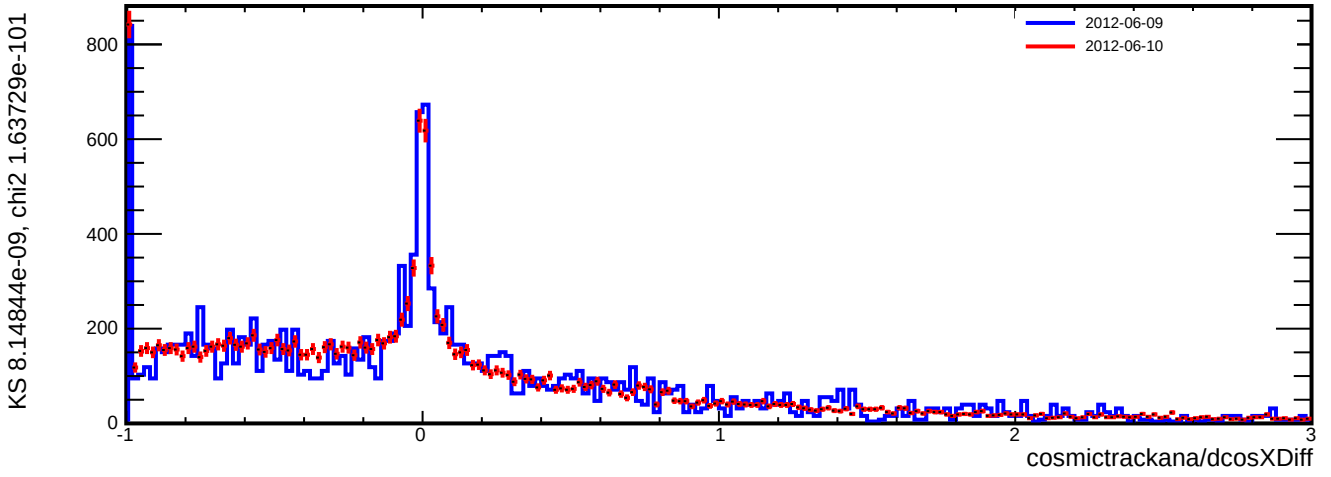

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
2
4
6
8
10
CosmicAna/fElectronEnergy

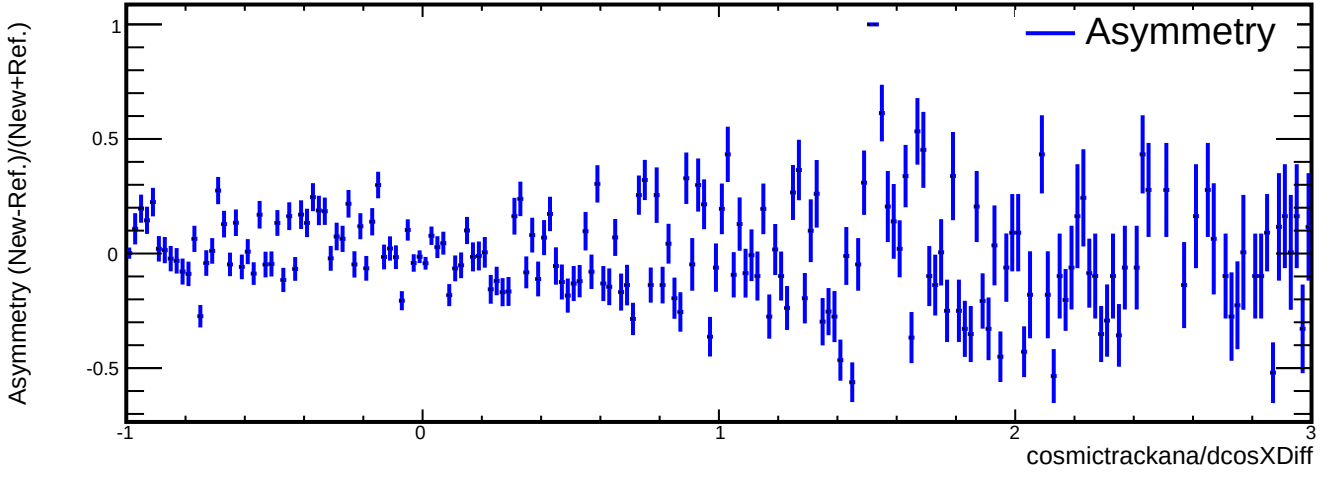

KS 0.000172608, chi2 2.19282e-19
2012-06-09
2012-06-10
3000
2000
1000
0
-1
-0.5
0
0.5
1
CosmicAna/fMuonCosQ

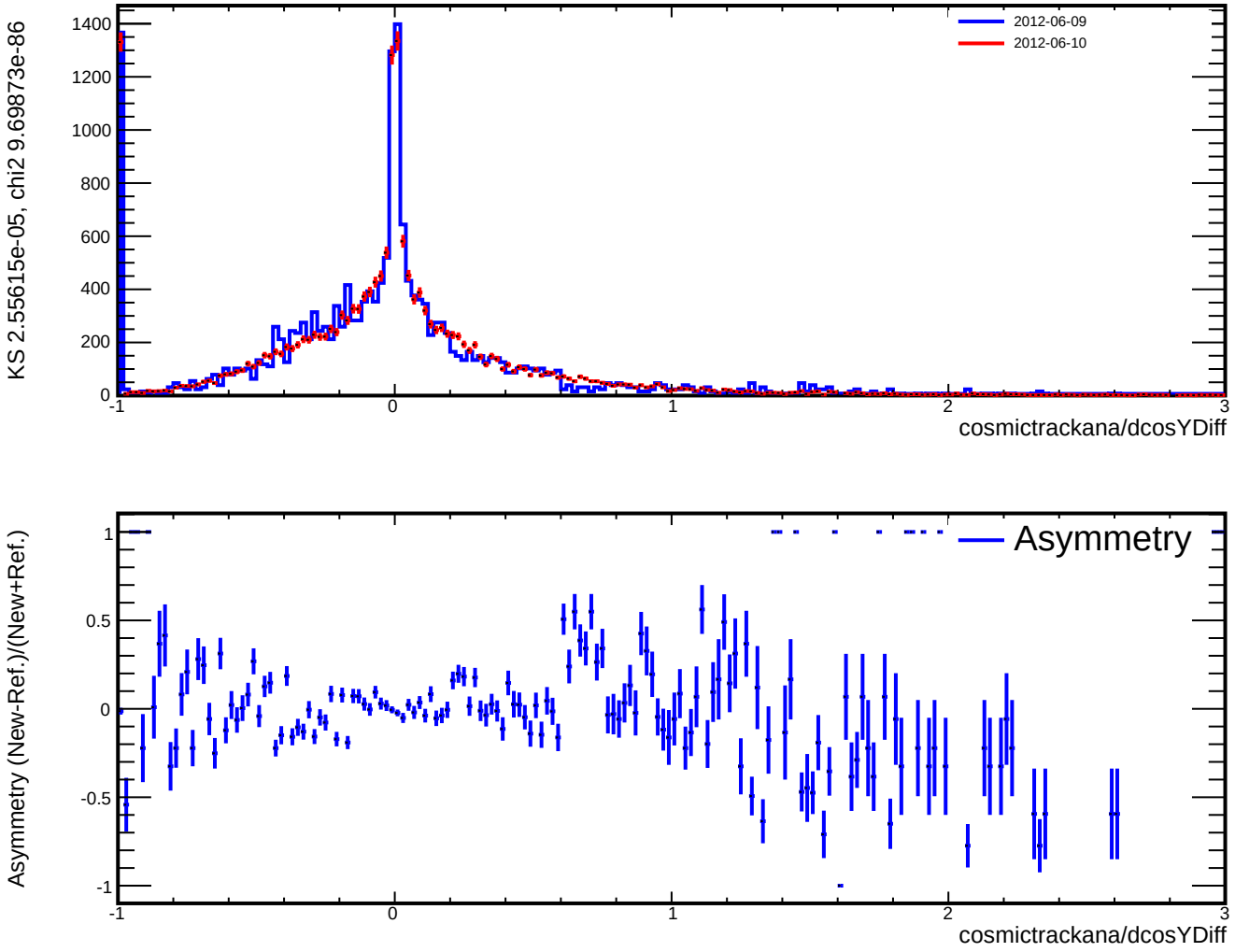

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
CosmicAna/fMuonCosQ

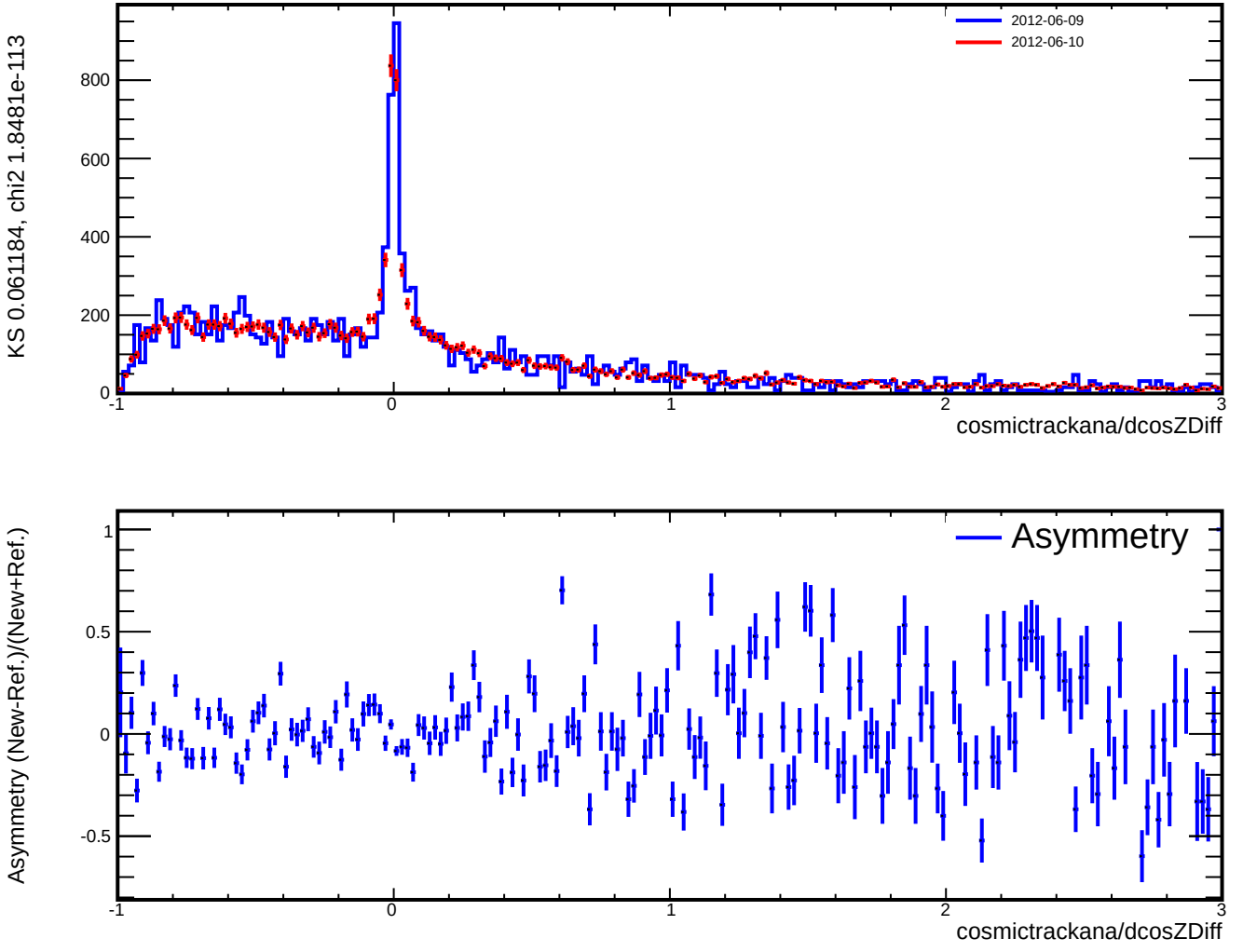

KS 0.18993, chi2 2.02931e-90
2012-06-09
2012-06-10
4000
3000
2000
1000
0
0
20
40
60
80
100
CosmicAna/fMuonEnergy

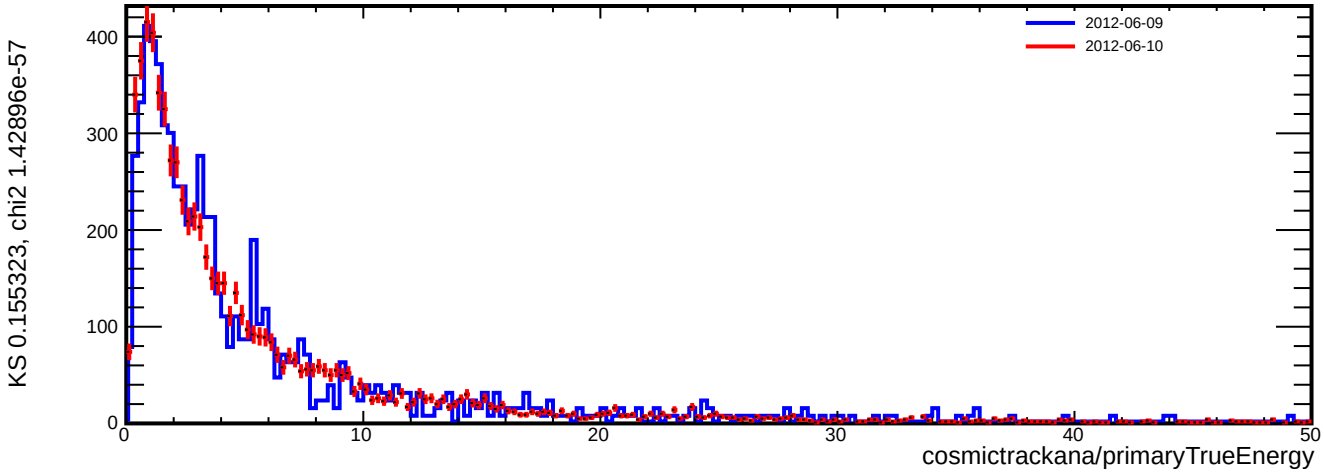

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
20
40
60
80
100
CosmicAna/fMuonEnergy

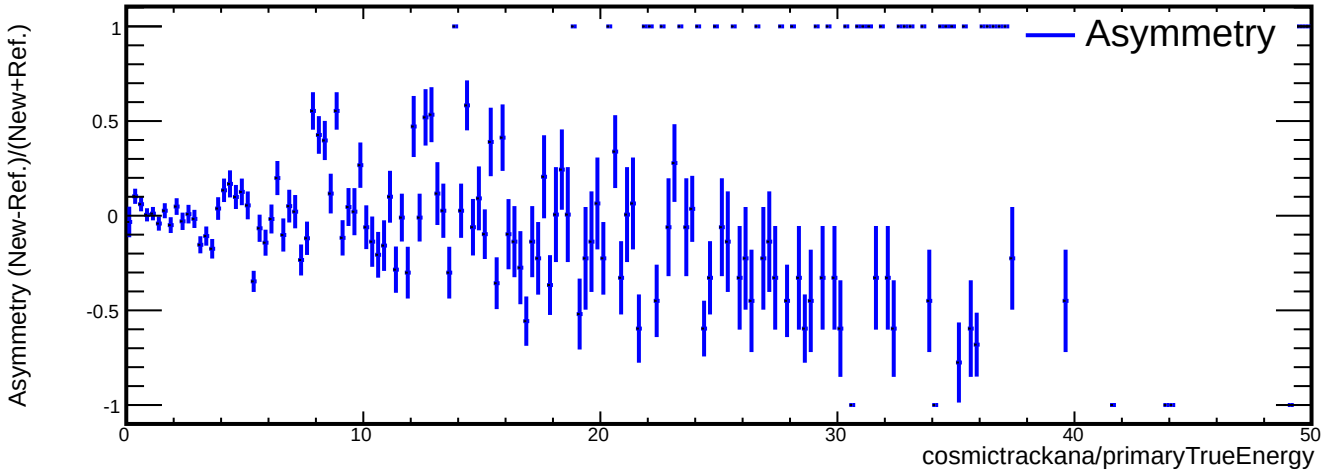

KS 8.14844e-09, chi2 1.63729e-101
2012-06-09
2012-06-10
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosXDiff

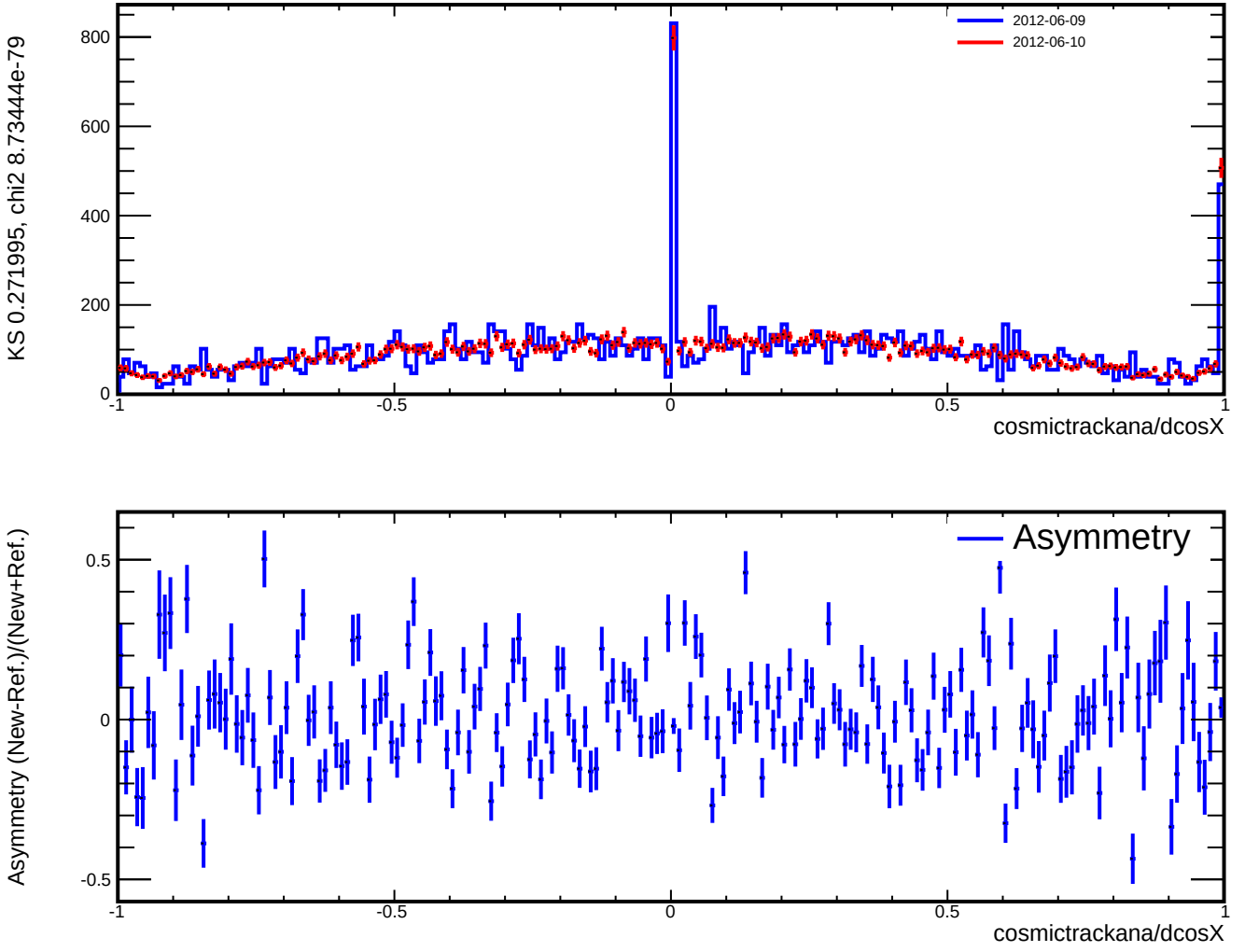

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1
2
3
cosmictrackana/dcosXDiff

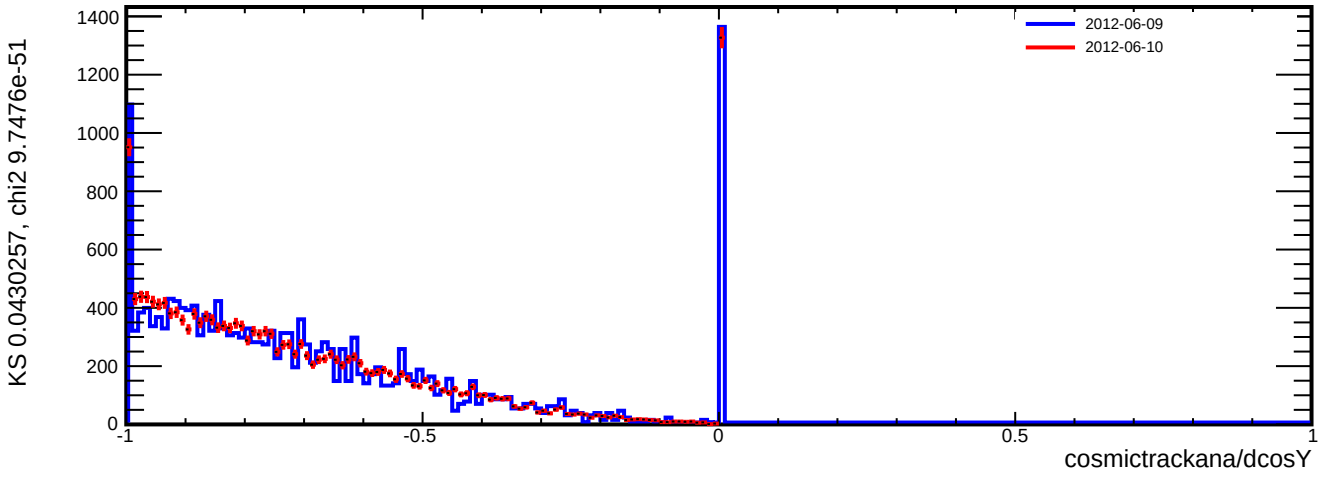

KS 2.55615e-05, chi2 9.69873e-86
2012-06-09
2012-06-10
cosmictrackana/dcosYDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosYDiff

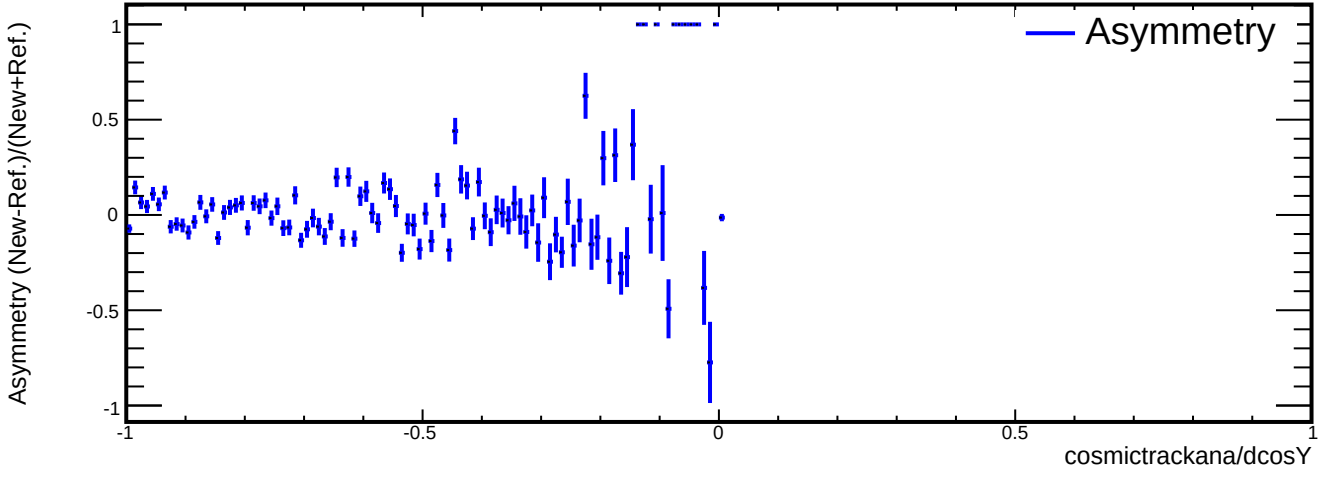

KS 0.061184, chi2 1.8481e-113
2012-06-09
2012-06-10
cosmictrackana/dcosZDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosZDiff

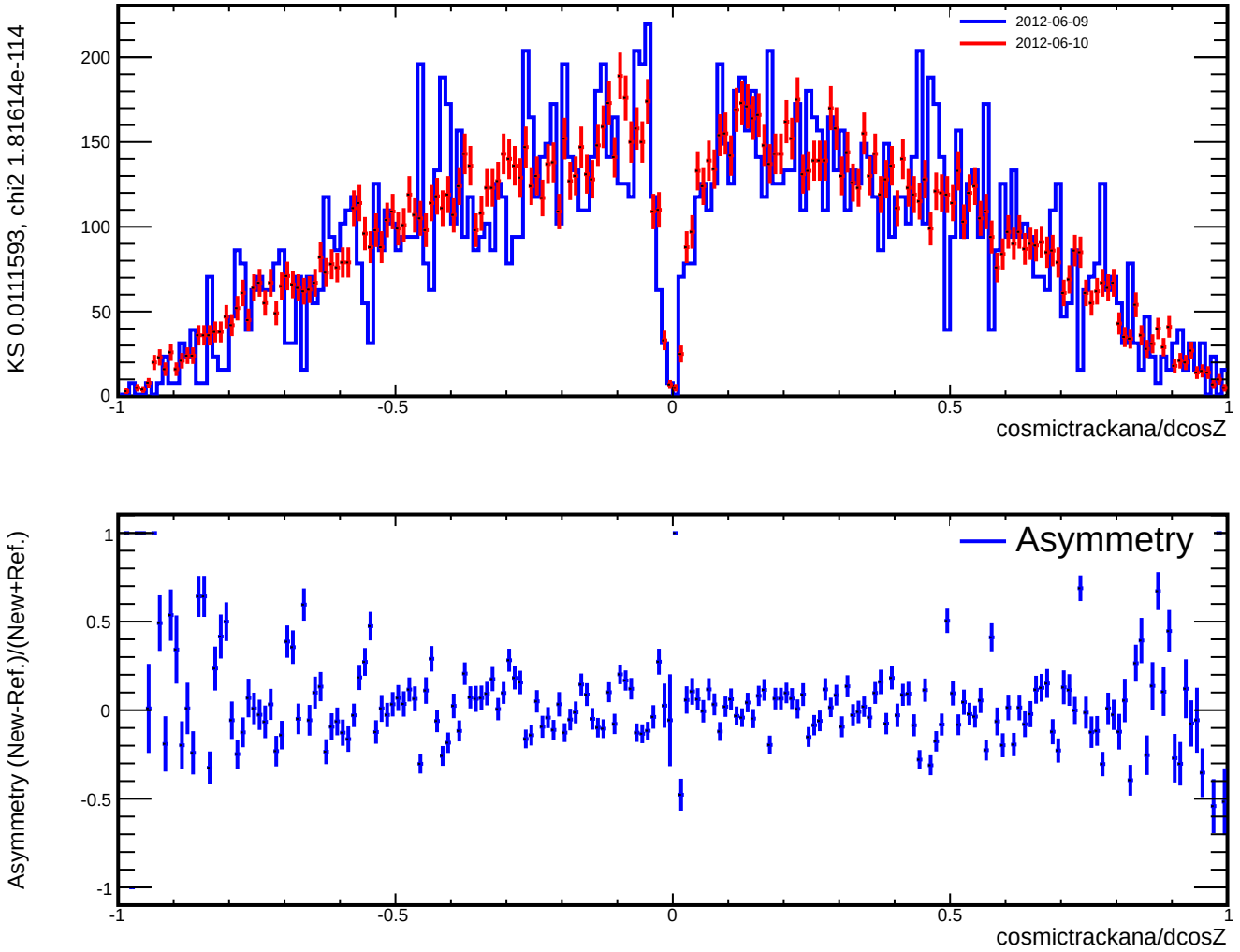

KS 0.155323, chi2 1.42896e-57
2012-06-09
2012-06-10
cosmictrackana/primaryTrueEnergy

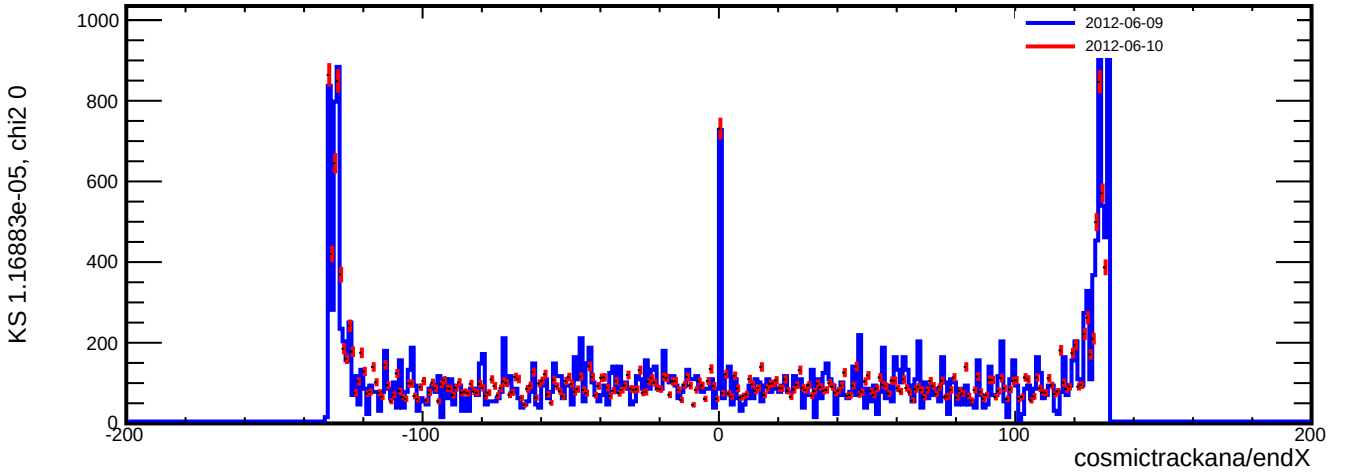

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/primaryTrueEnergy

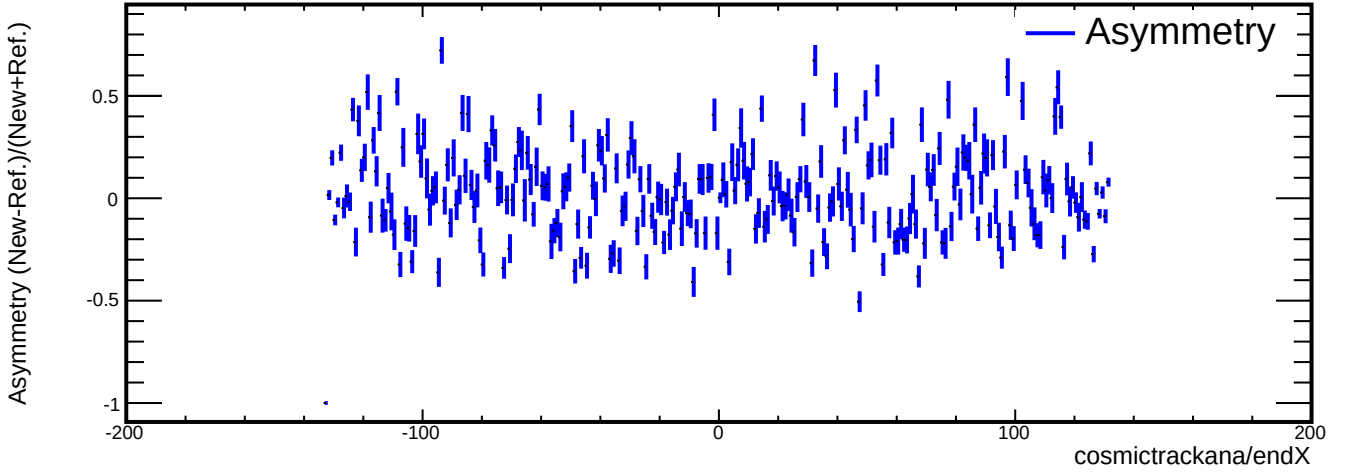

KS 0.271995, chi2 8.73444e-79
2012-06-09
2012-06-10
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

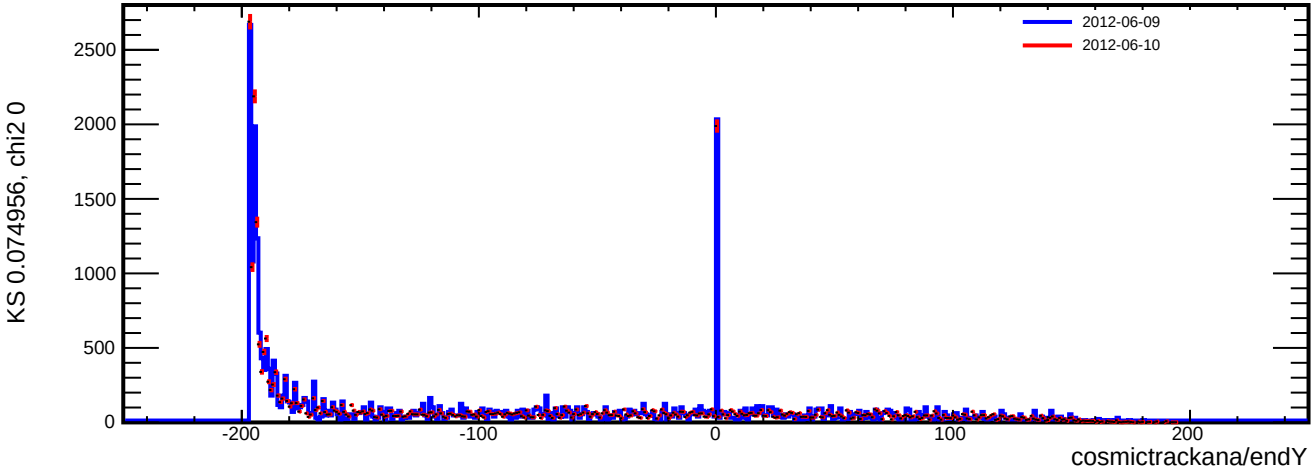

KS 0.0430257, chi2 9.7476e-51
2012-06-09
2012-06-10
cosmictrackana/dcosY

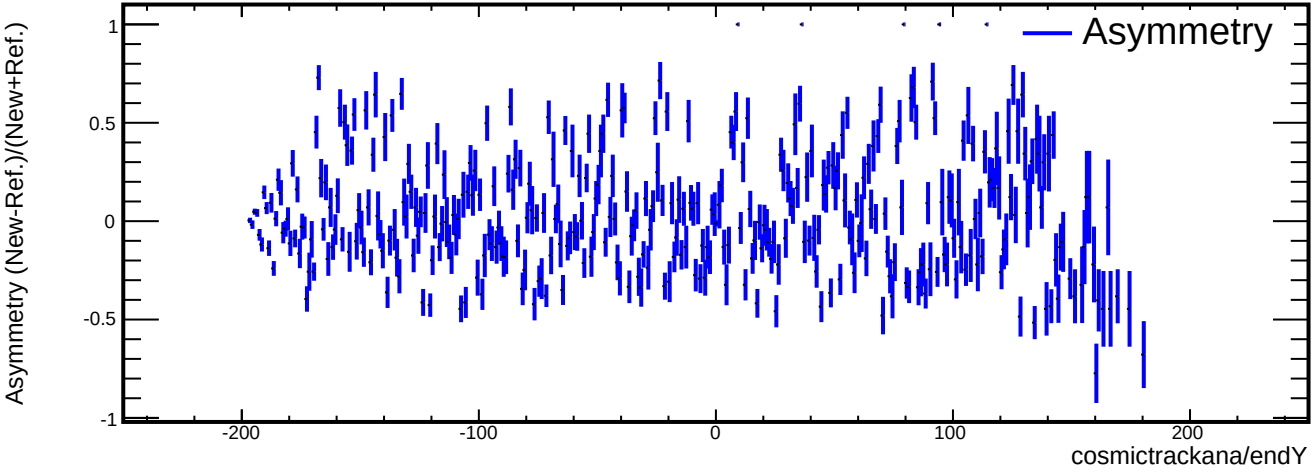

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosY

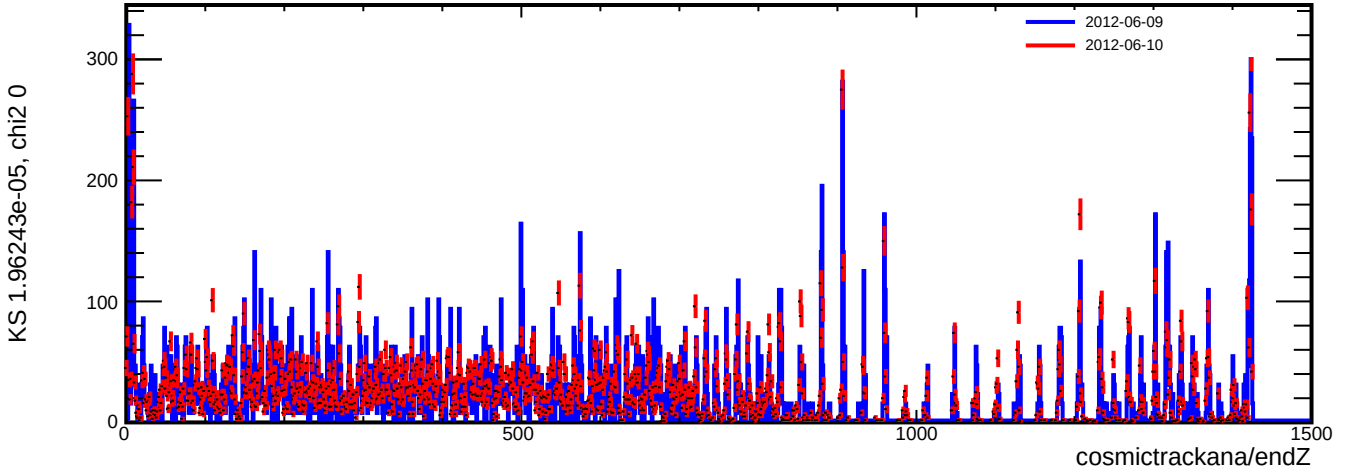

KS 0.0111593, chi2 1.81614e-114
2012-06-09
2012-06-10
cosmictrackana/dcosZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosZ

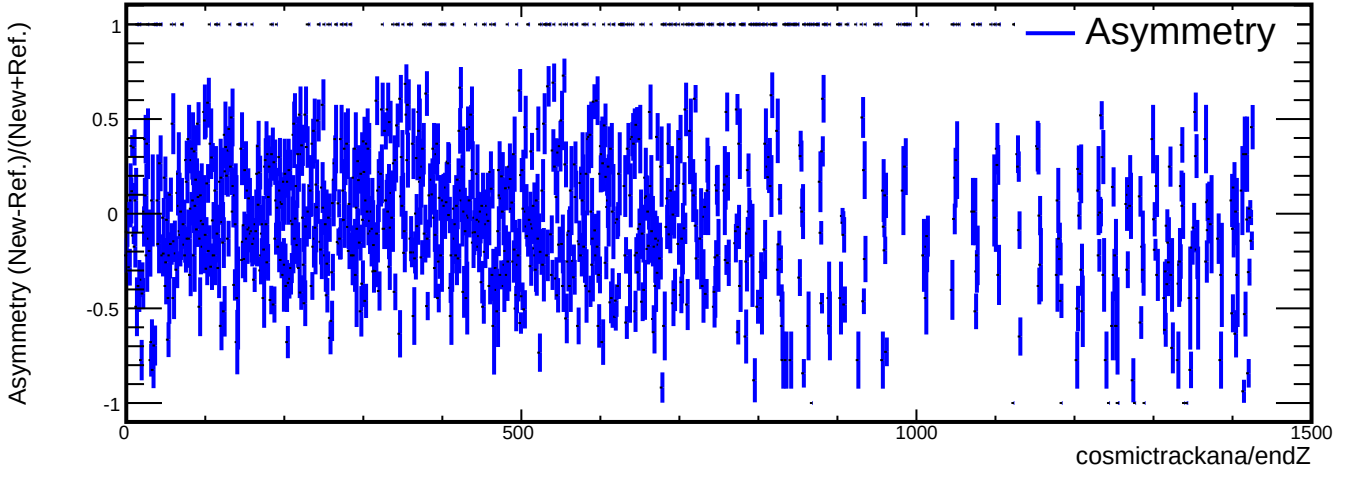

KS 1.16883e-05, chi2 0
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX
2012-06-09
2012-06-10

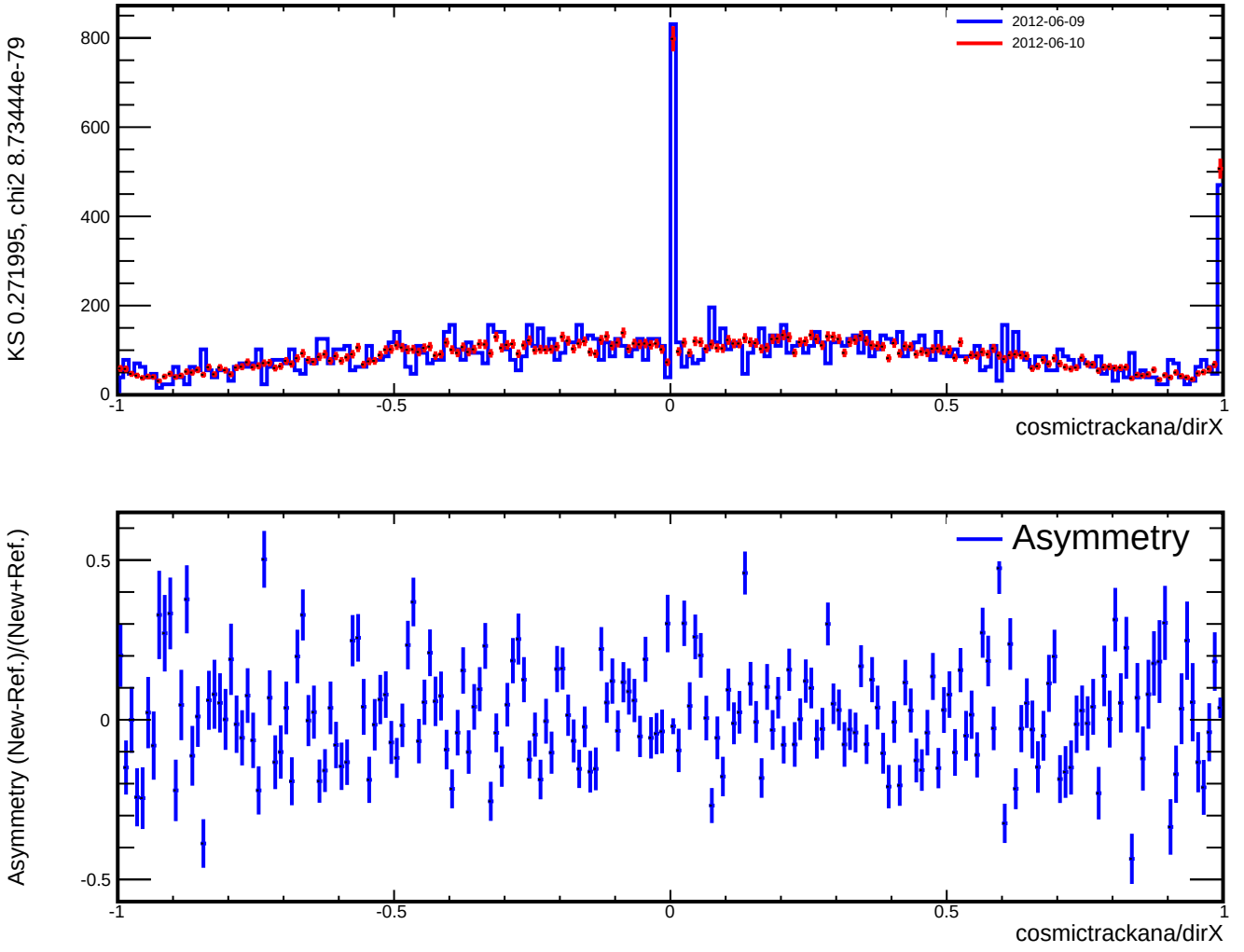

Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endX
Asymmetry

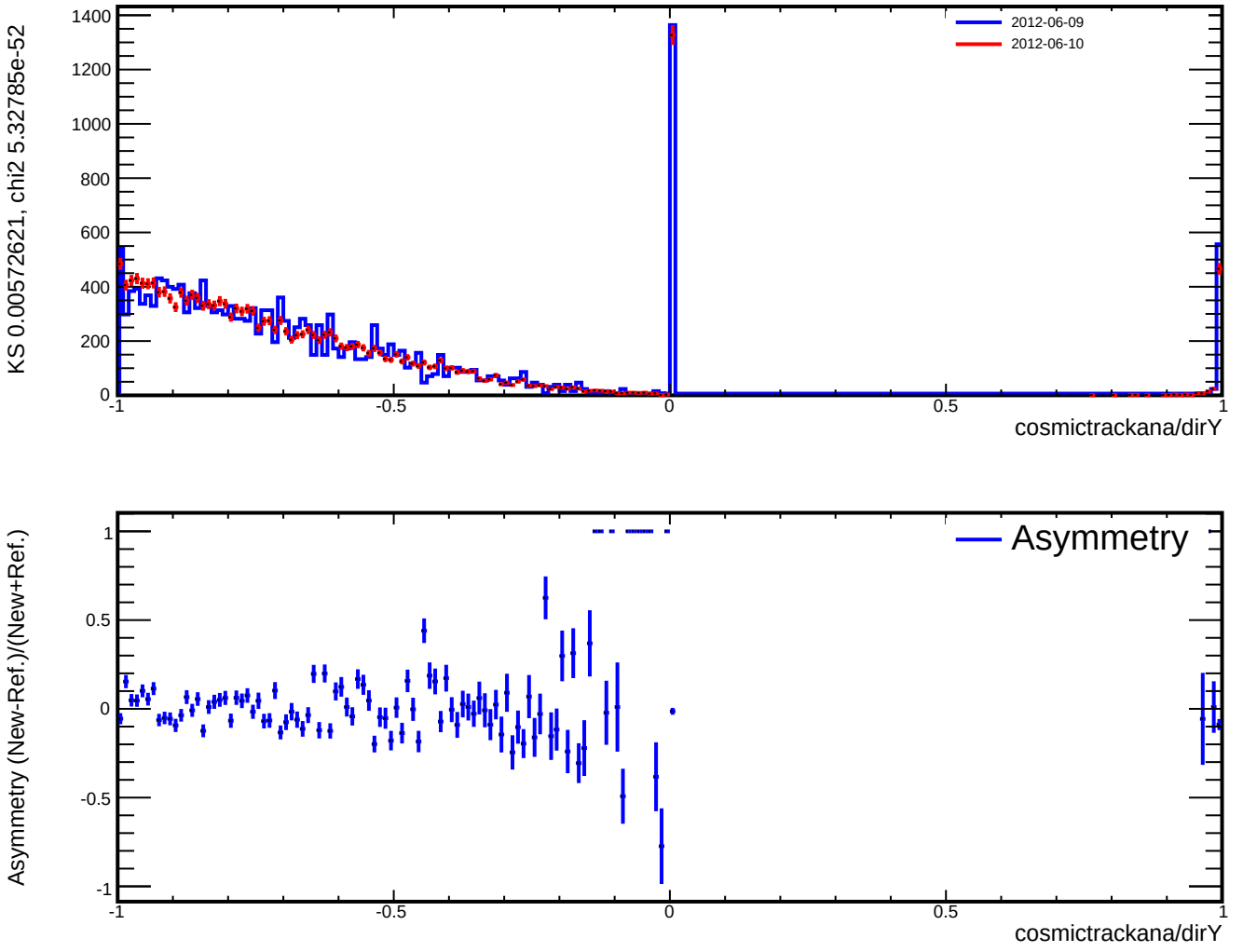

2012-06-09
2012-06-10
KS 0.074956, chi2 0
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

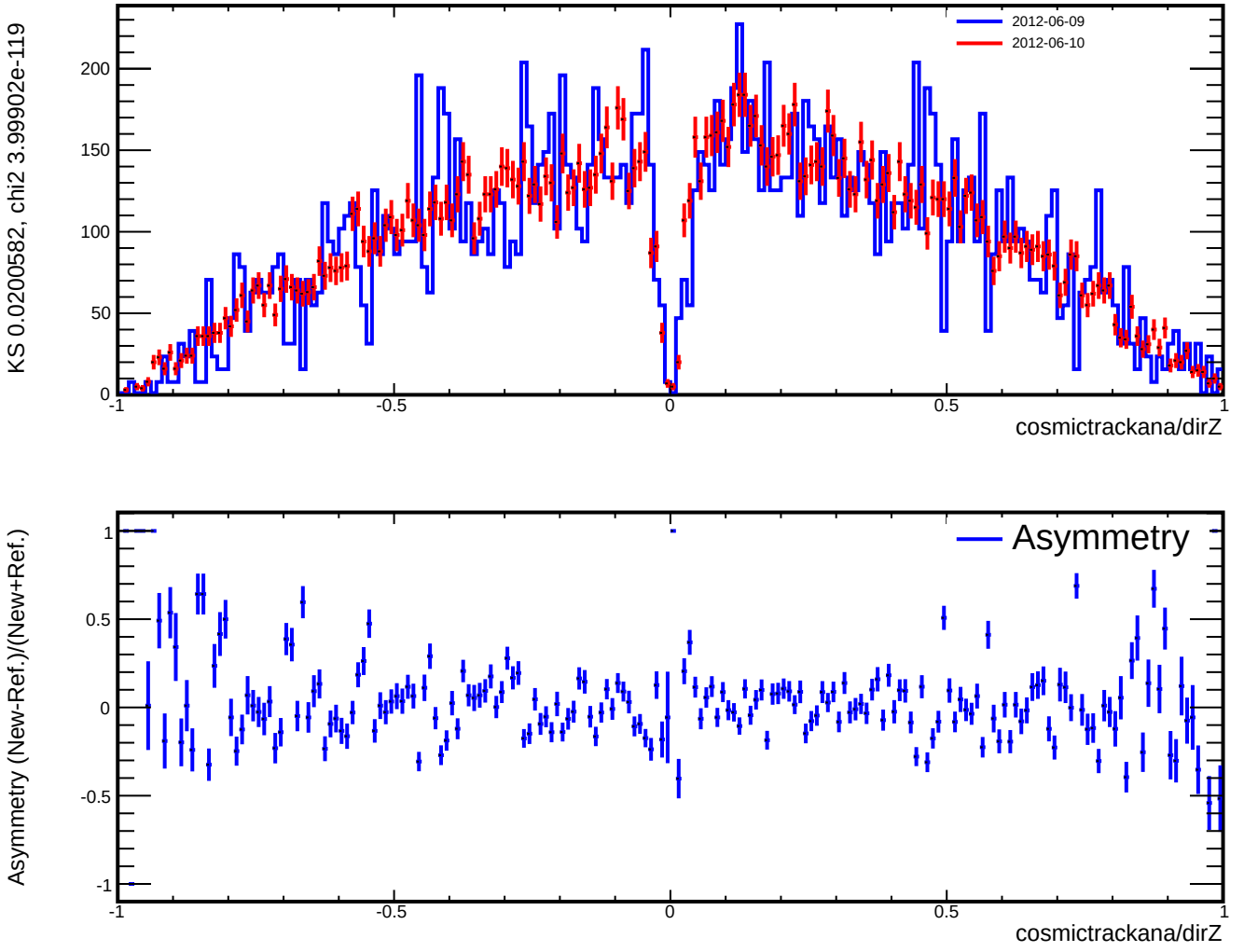

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

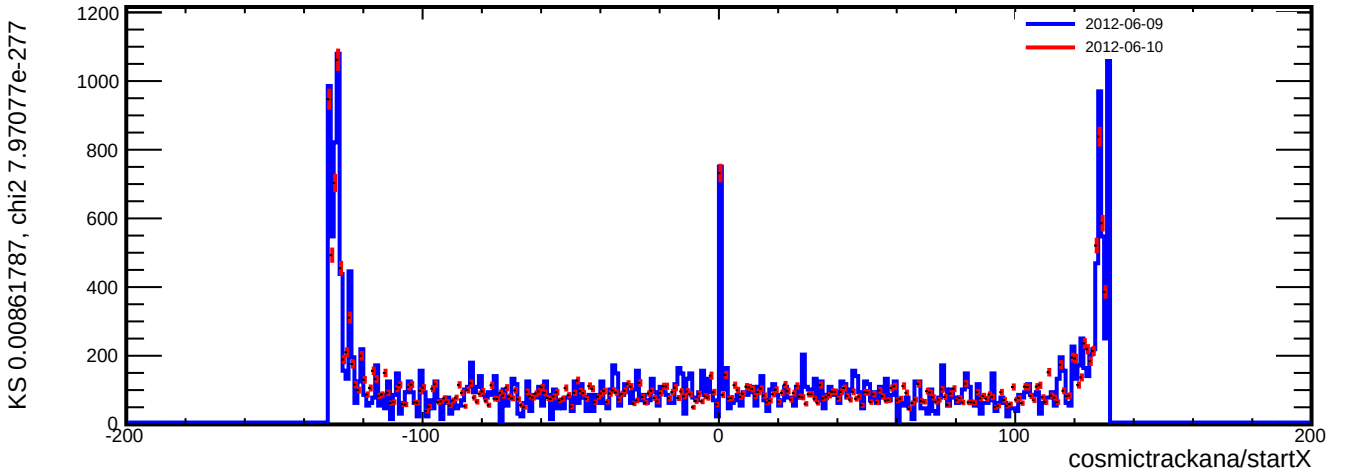

KS 1.96243e-05, chi2 0
2012-06-09
2012-06-10
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

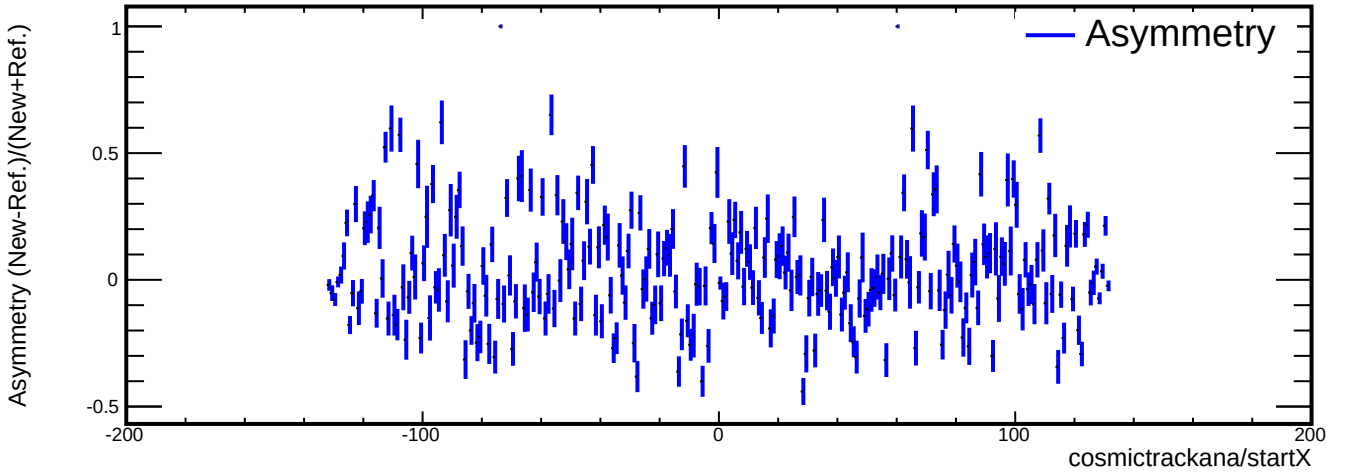

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ

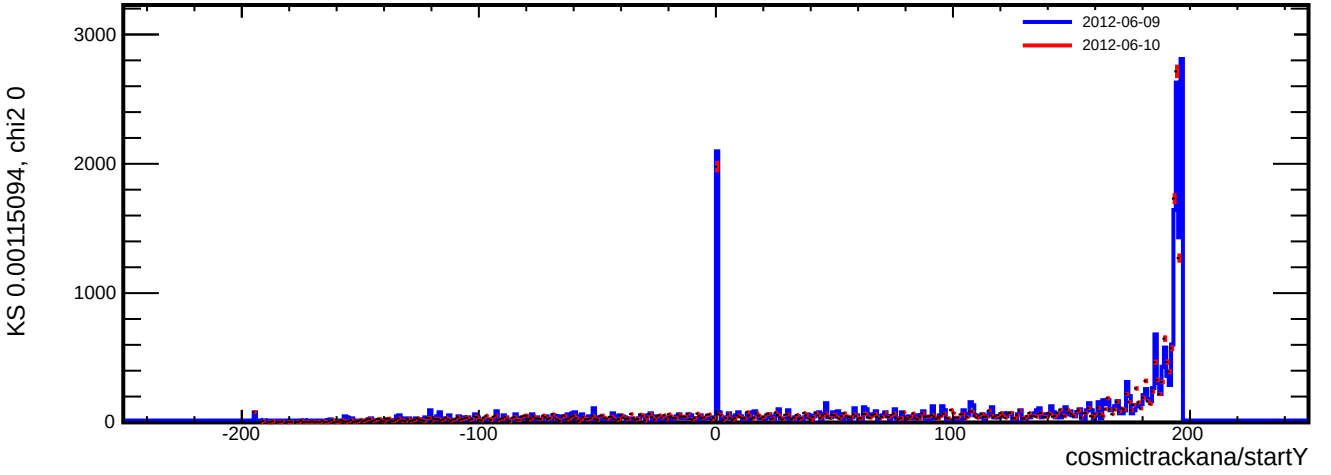

KS 0.271995, chi2 8.73444e-79
2012-06-09
2012-06-10
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dirX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dirX

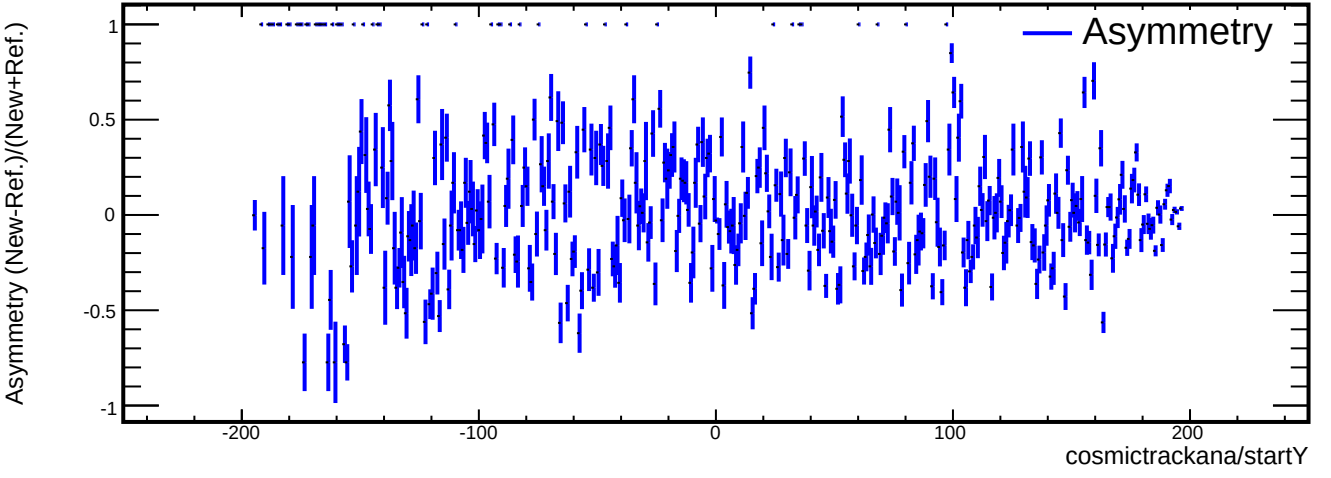

KS 0.00572621, chi2 5.32785e-52
2012-06-09
2012-06-10
cosmictrackana/dirY
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirY

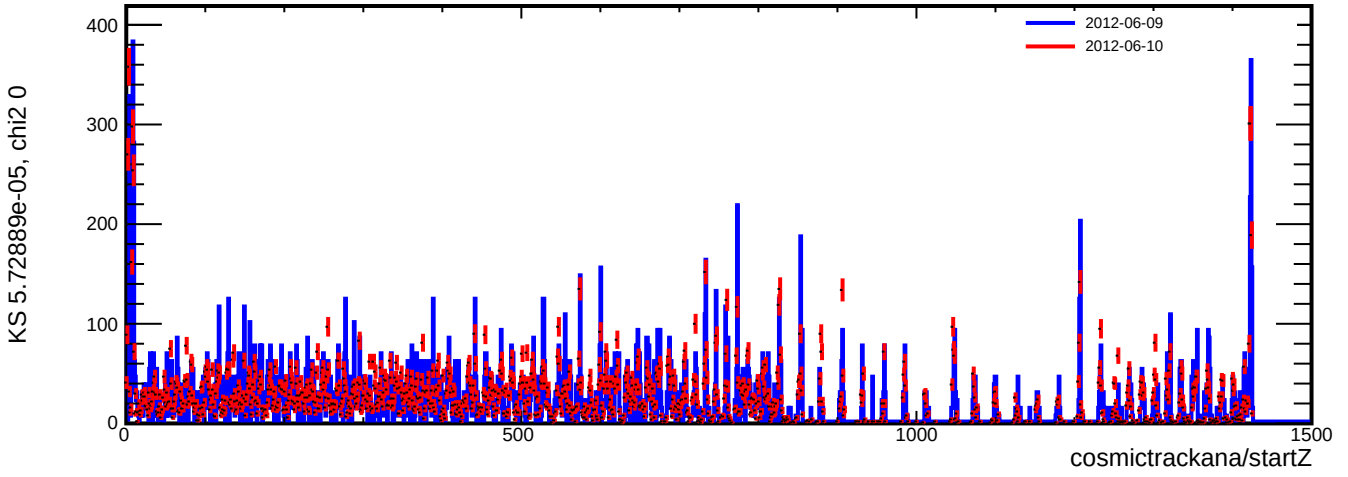

KS 0.0200582, chi2 3.99902e-119
2012-06-09
2012-06-10
cosmictrackana/dirZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirZ

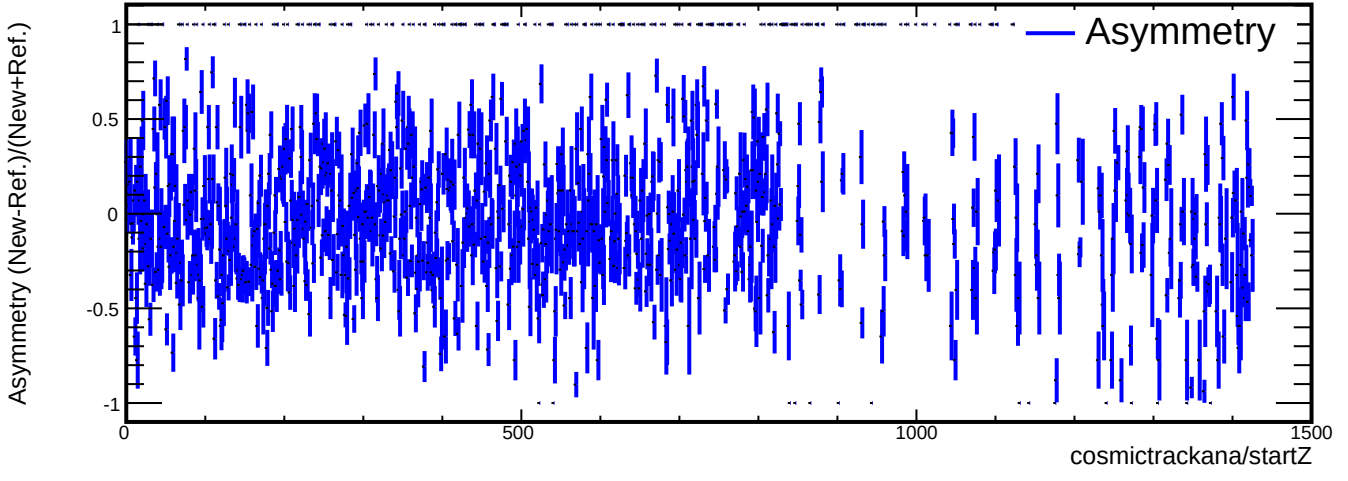

KS 0.00861787, chi2 7.97077e-277
2012-06-09
2012-06-10
cosmictrackana/startX

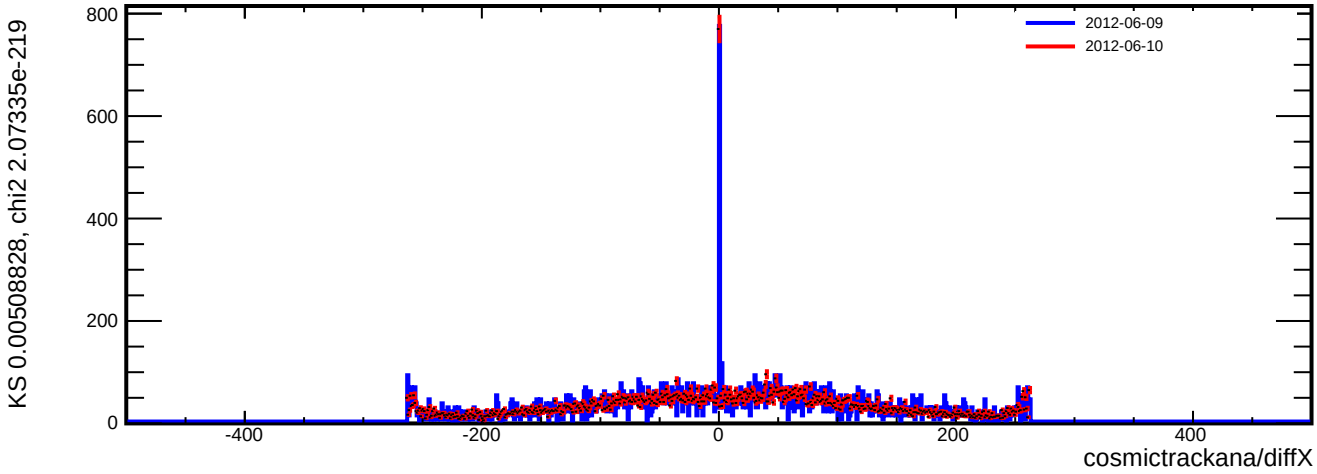

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/startX

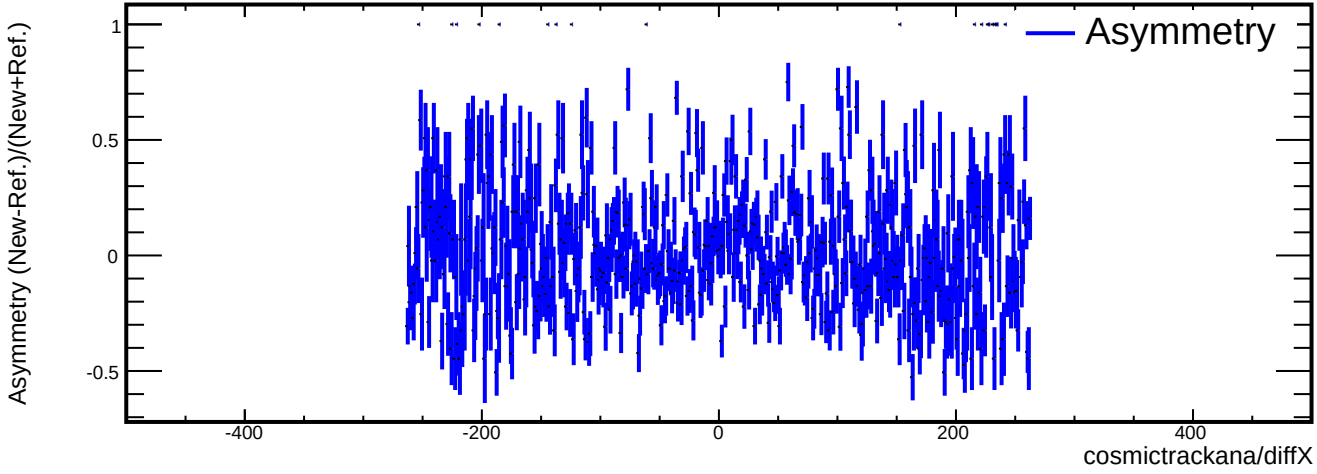

2012-06-09
2012-06-10
KS 0.00115094, chi2 0
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

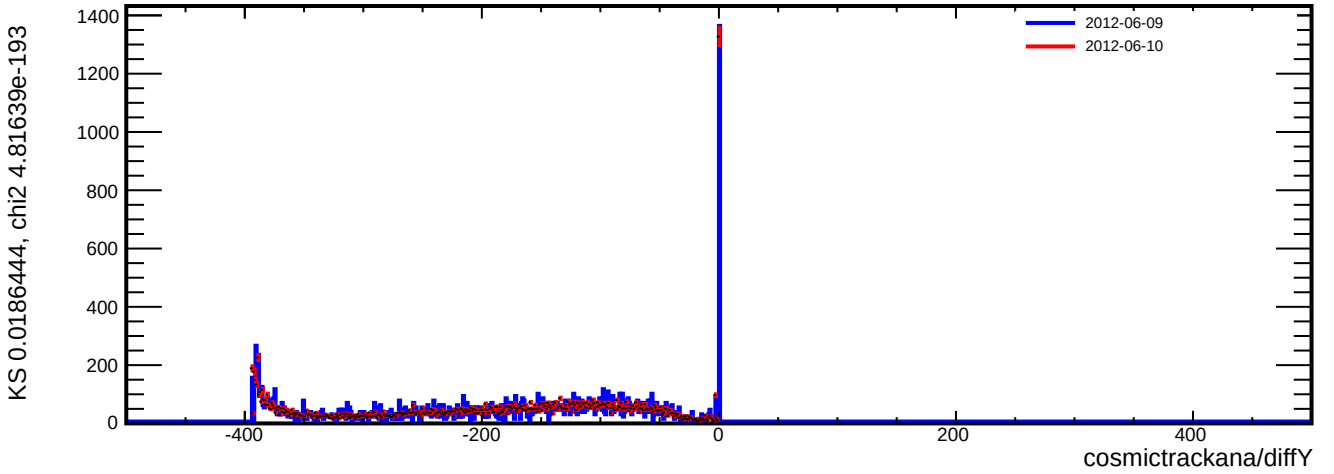

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY

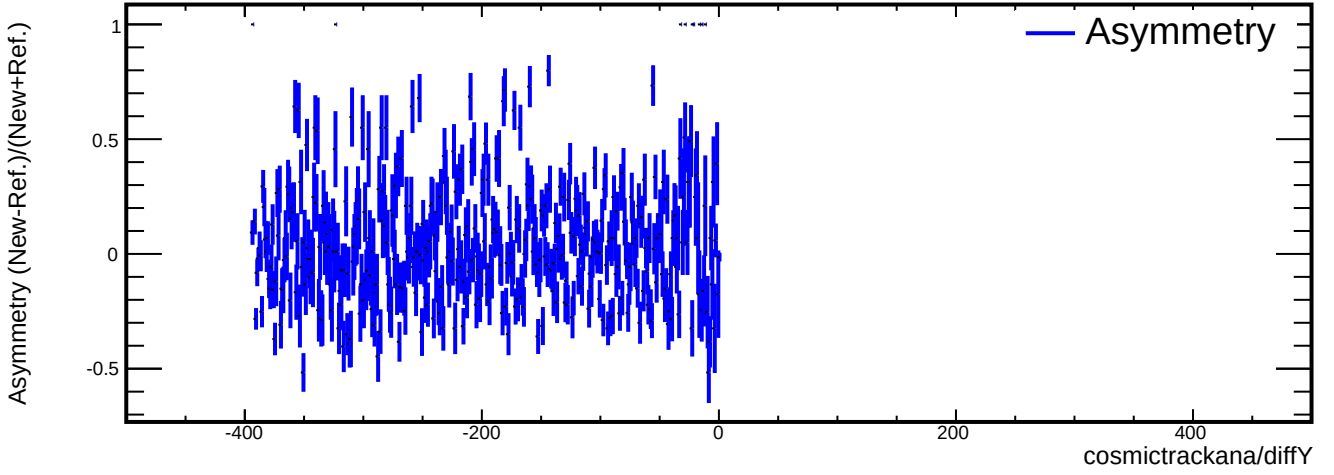

KS 5.72889e-05, chi2 0
400
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ
2012-06-09
2012-06-10

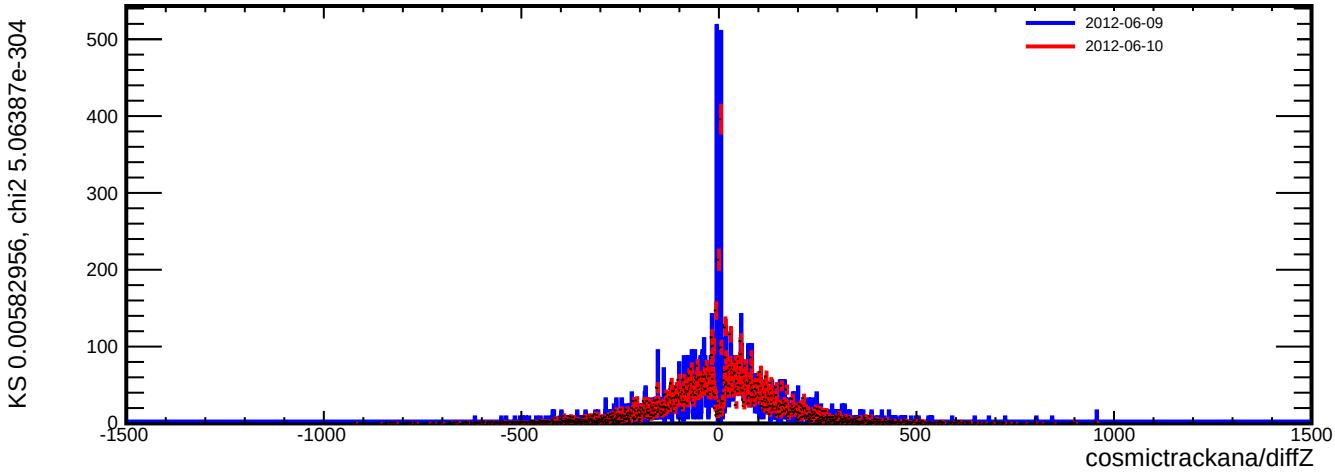

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ
Asymmetry

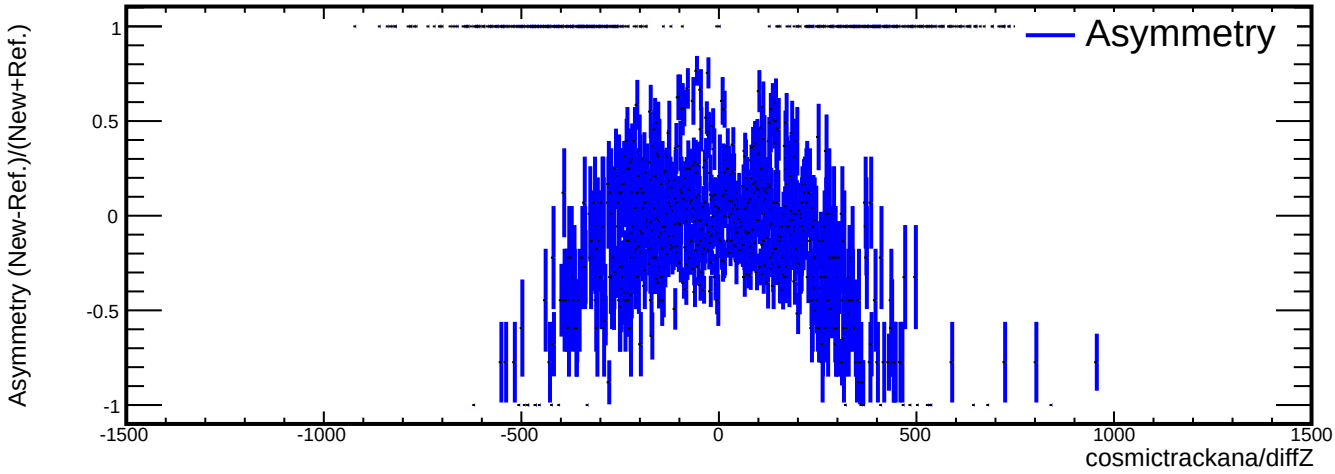

KS 0.00508828, chi2 2.07335e-219
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX
2012-06-09
2012-06-10

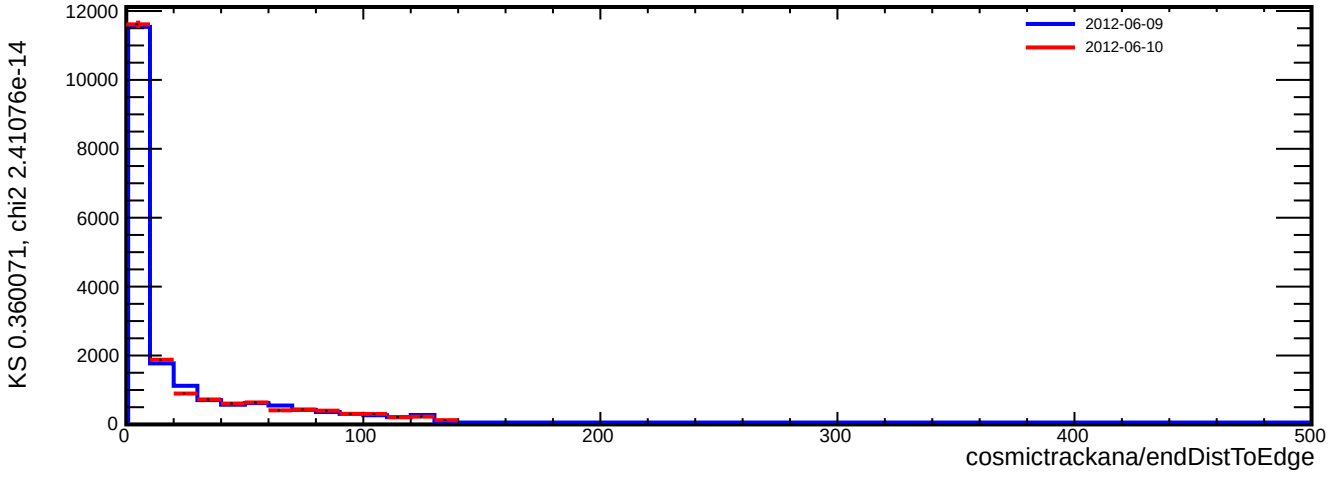

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffX
Asymmetry

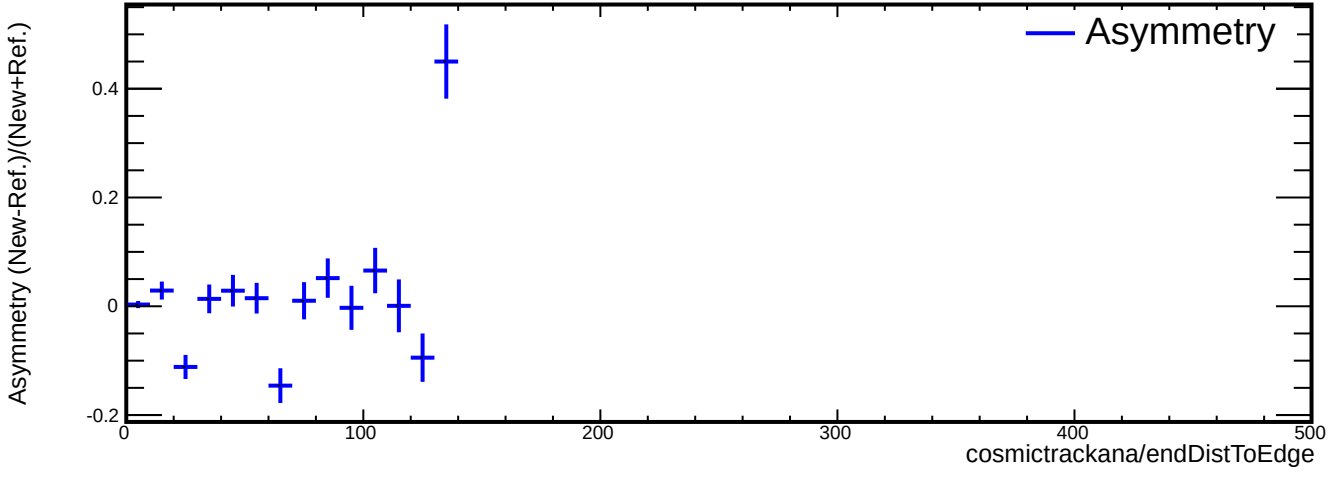

KS 0.0186444, chi2 4.81639e-193
1400
1200
1000
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffY
2012-06-09
2012-06-10

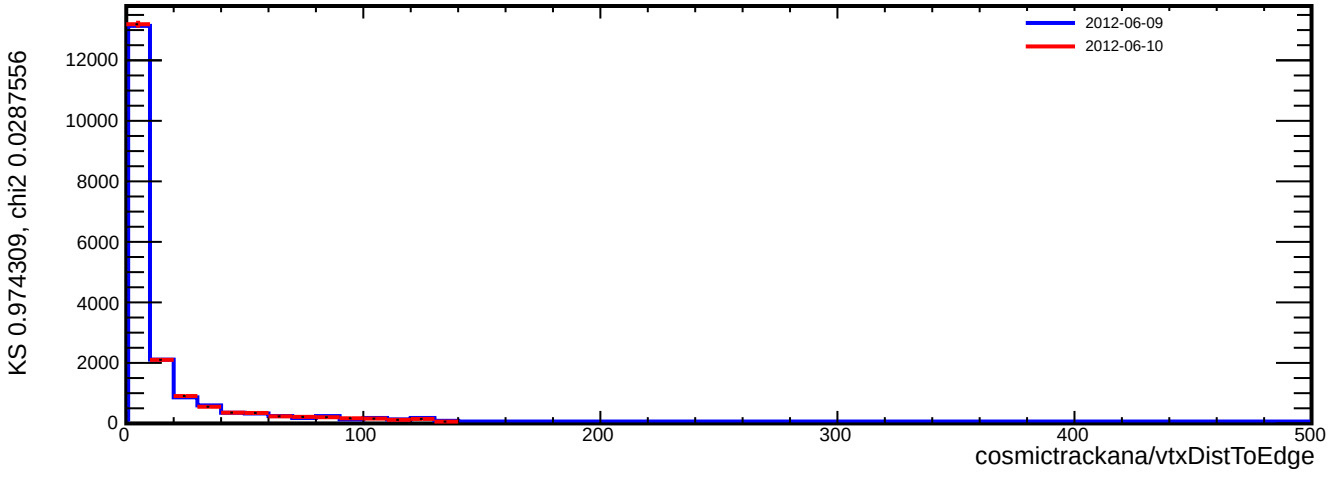

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffY
Asymmetry

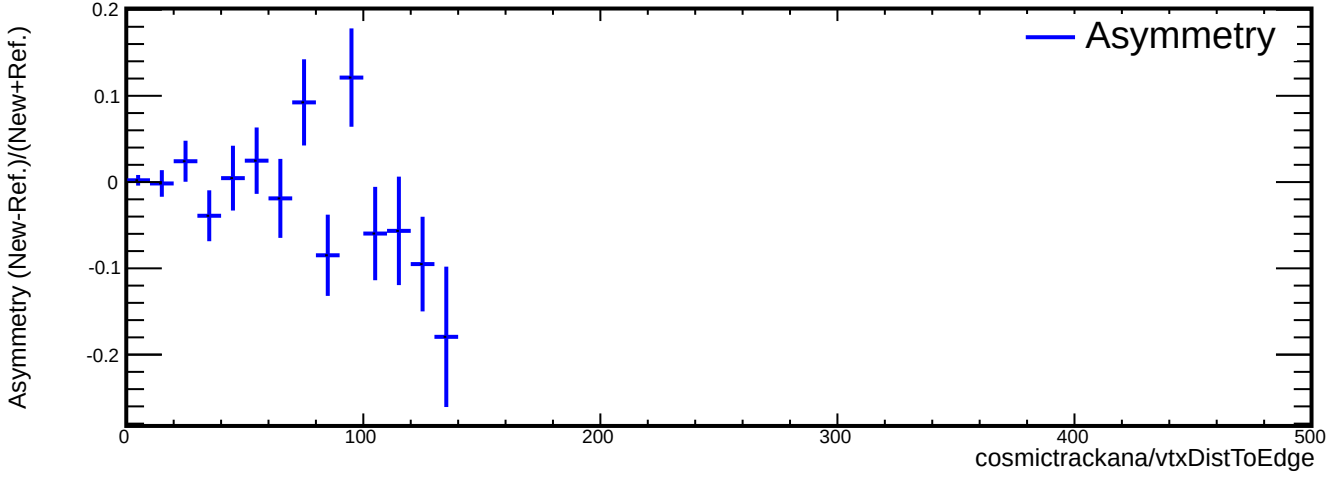

KS 0.00582956, chi2 5.06387e-304
2012-06-09
2012-06-10
cosmictrackana/diffZ

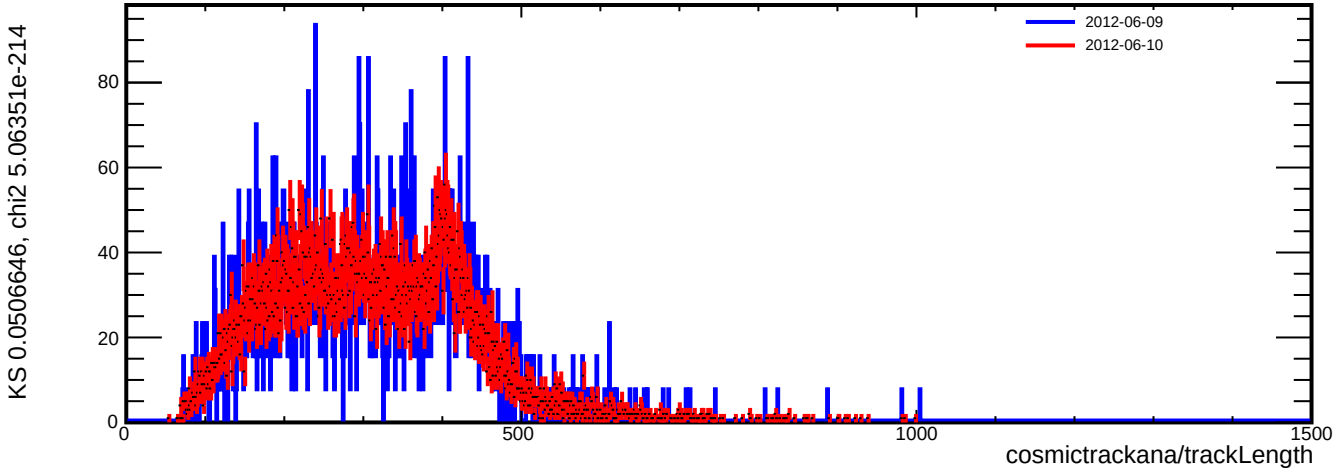

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/diffZ

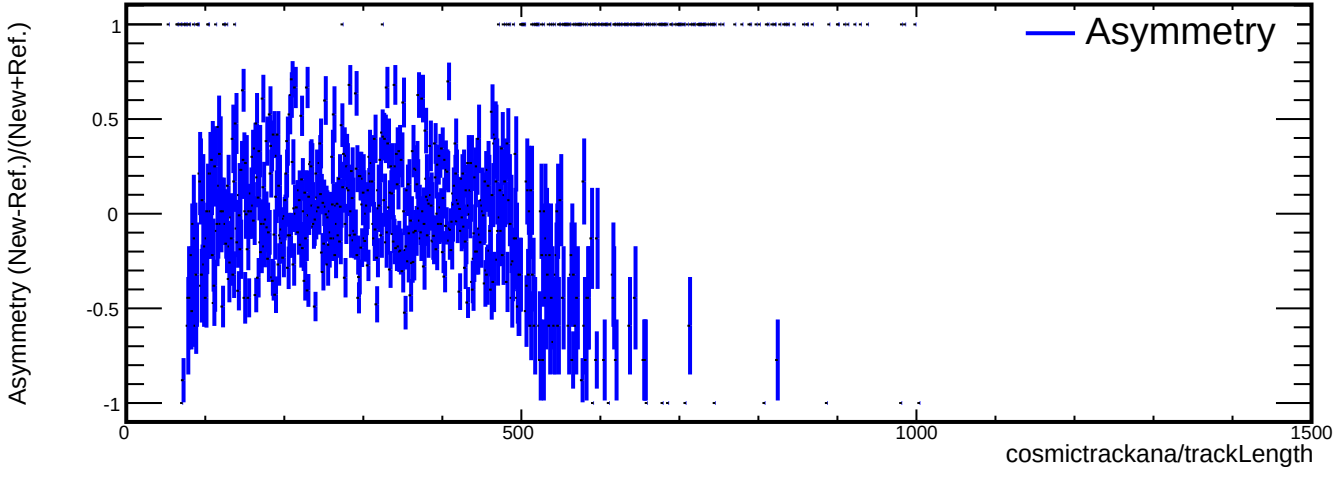

KS 0.360071, chi2 2.41076e-14
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/endDistToEdge
2012-06-09
2012-06-10

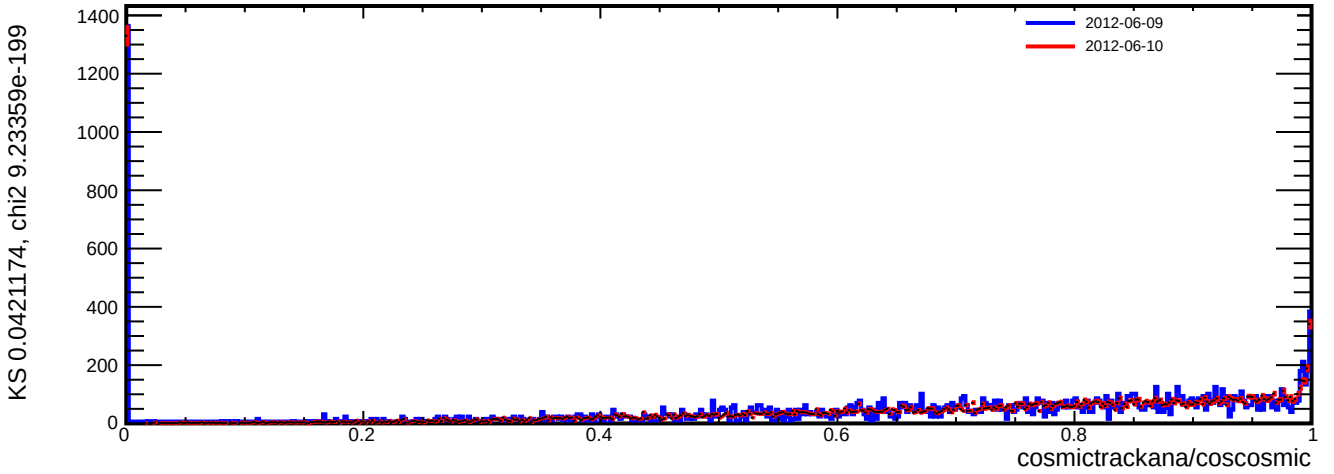

Asymmetry (New-Ref.)/(New+Ref.)
0.4
0.2
0
-0.2
0
100
200
300
400
500
cosmictrackana/endDistToEdge
Asymmetry

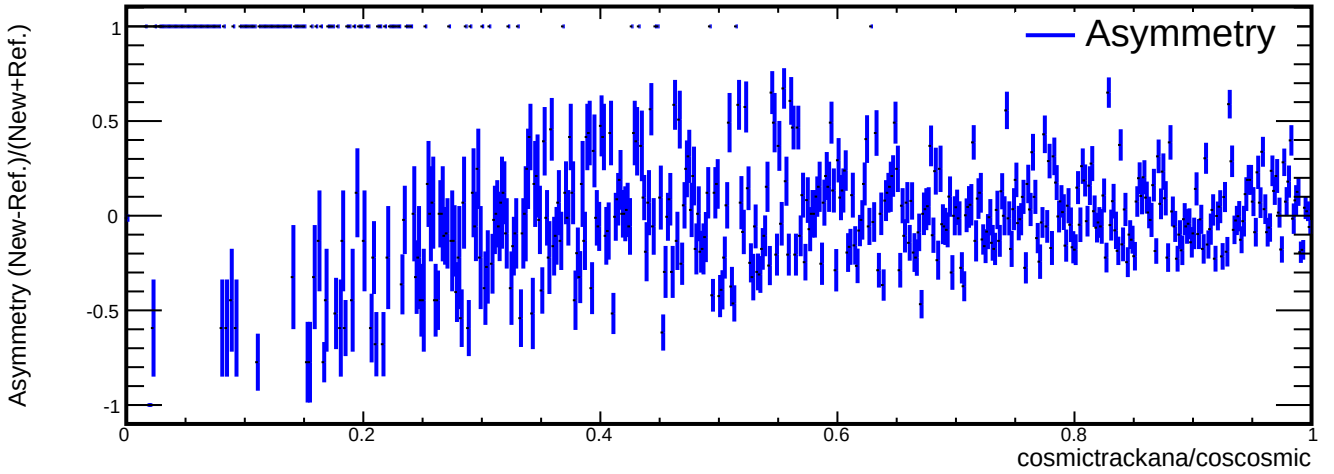

KS 0.974309, chi2 0.0287556
2012-06-09
2012-06-10
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

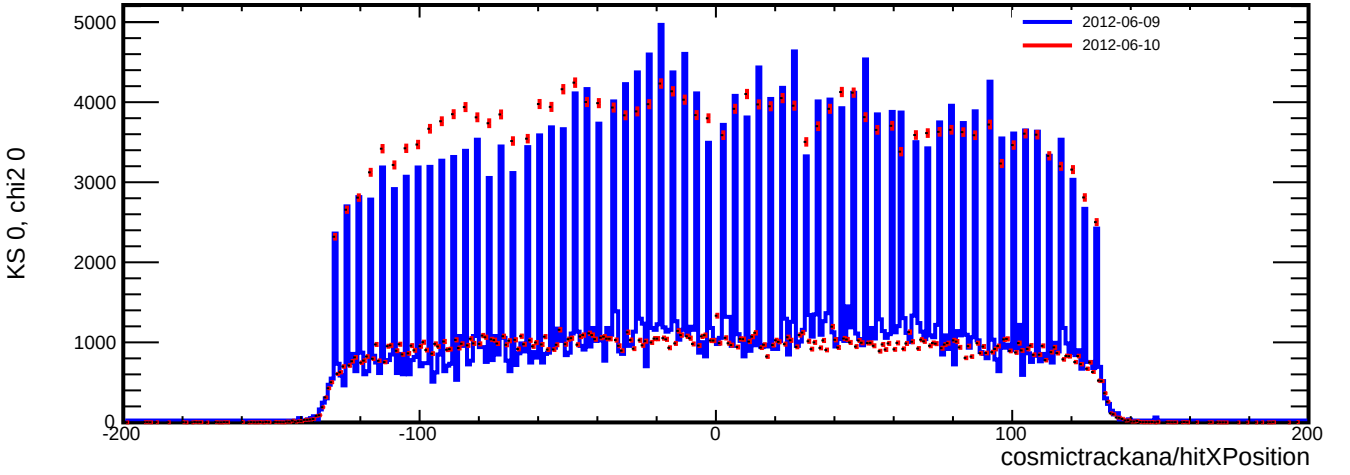

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
-0.2
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

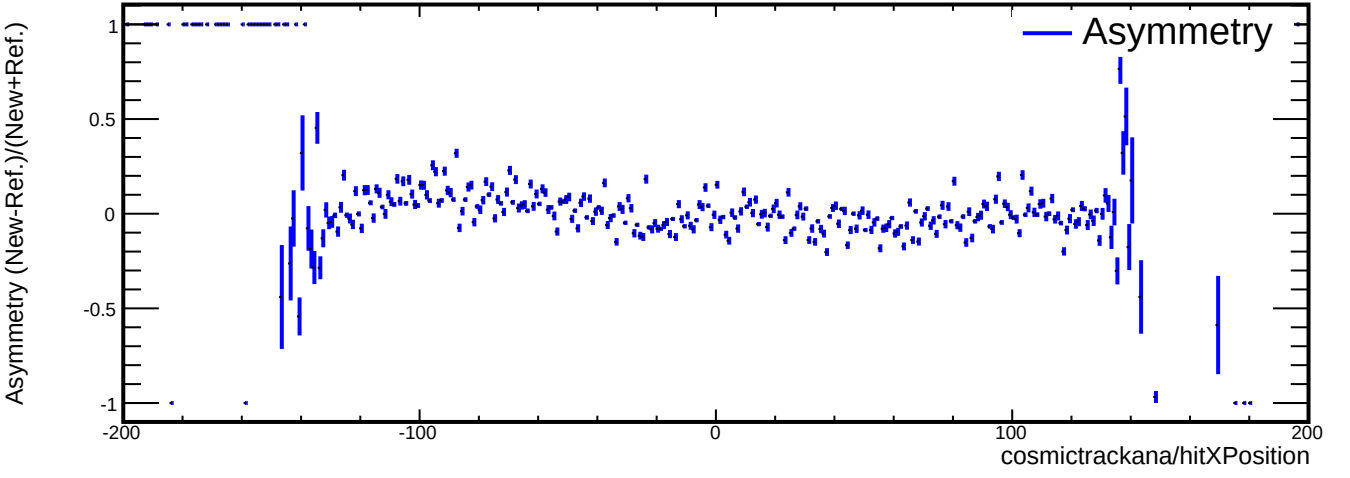

KS 0.0506646, chi2 5.06351e-214
2012-06-09
2012-06-10
0
20
40
60
80
0
500
1000
1500
cosmictrackana/trackLength

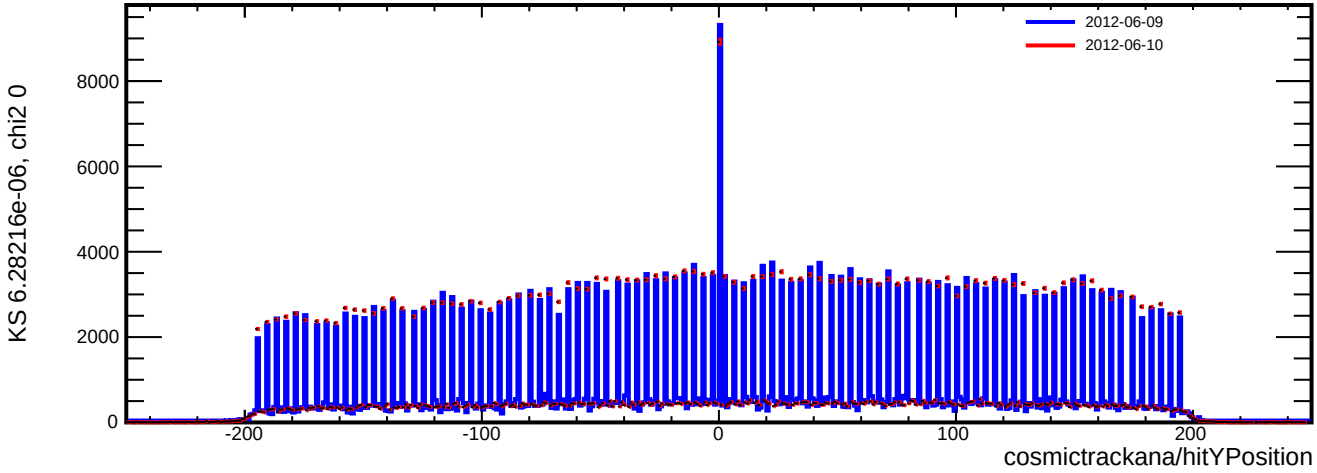

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/trackLength

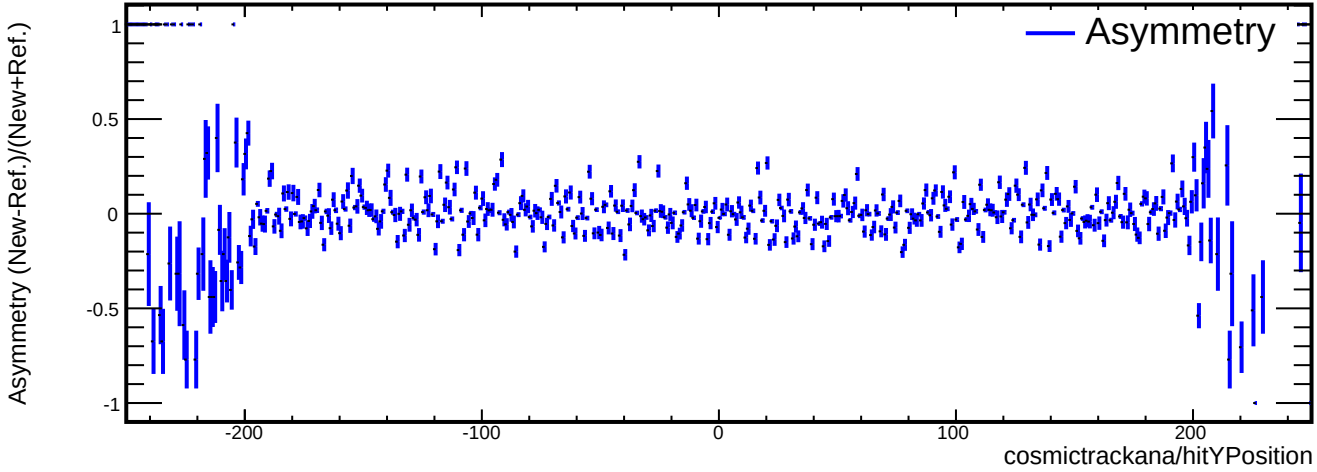

KS 0.0421174, chi2 9.23359e-199
2012-06-09
2012-06-10
cosmictrackana/coscosmic

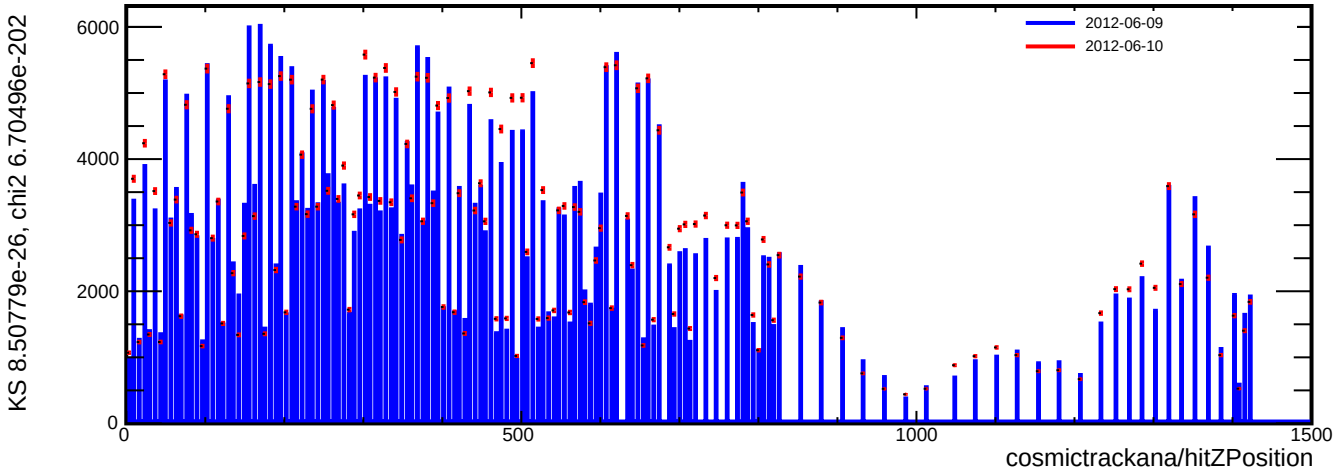

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/coscosmic

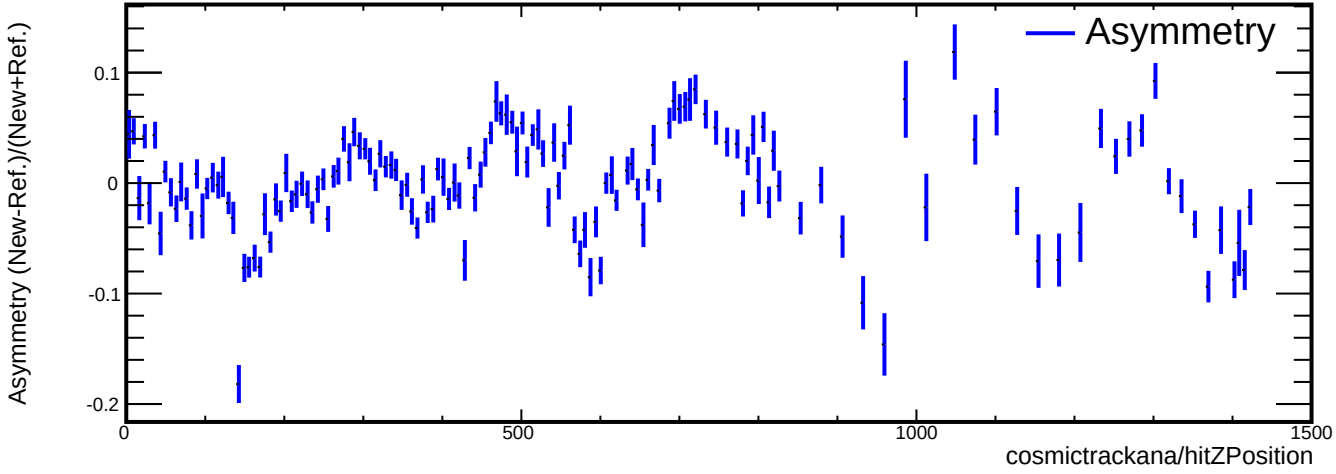

2012-06-09
2012-06-10
KS 0, chi2 0
5000
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

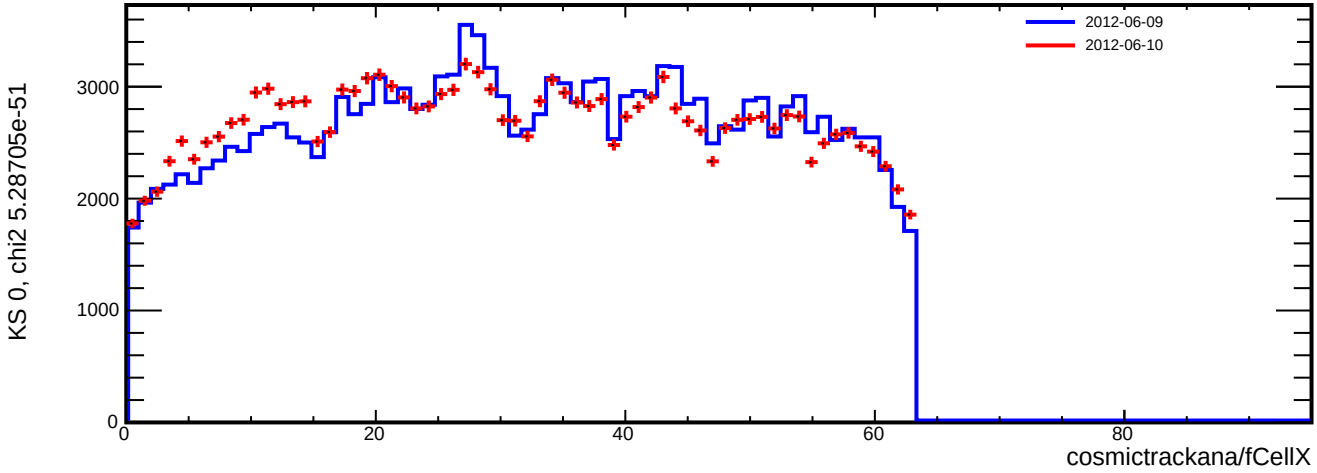

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

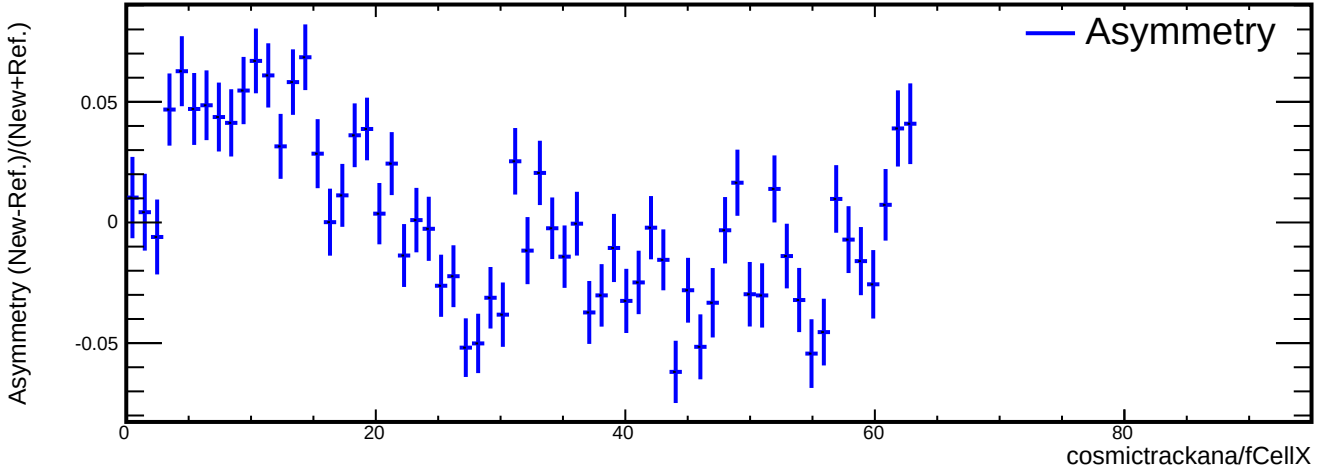

KS 6.28216e-06, chi2 0
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition
2012-06-09
2012-06-10

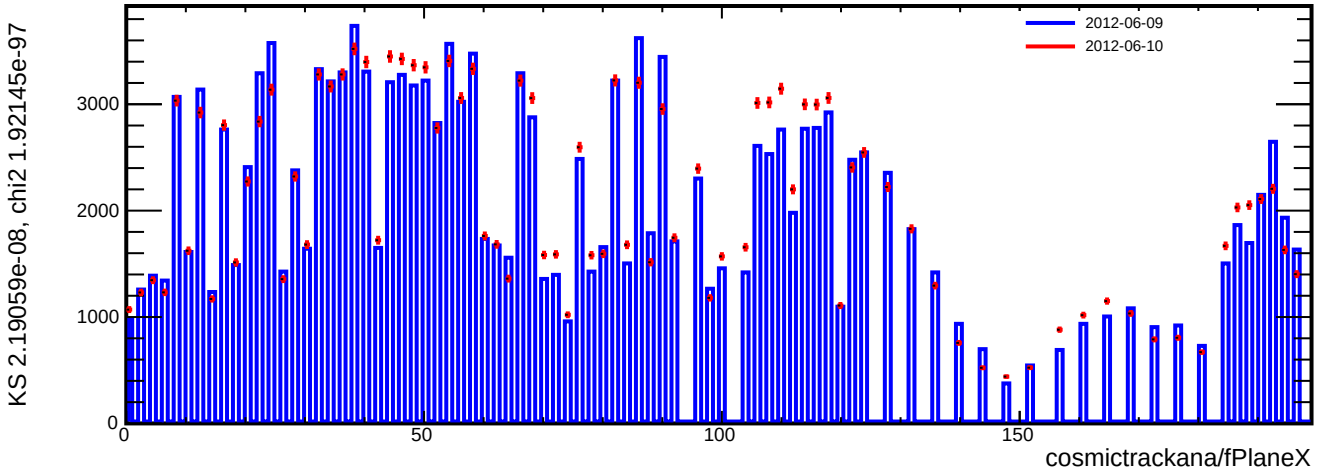

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition
Asymmetry

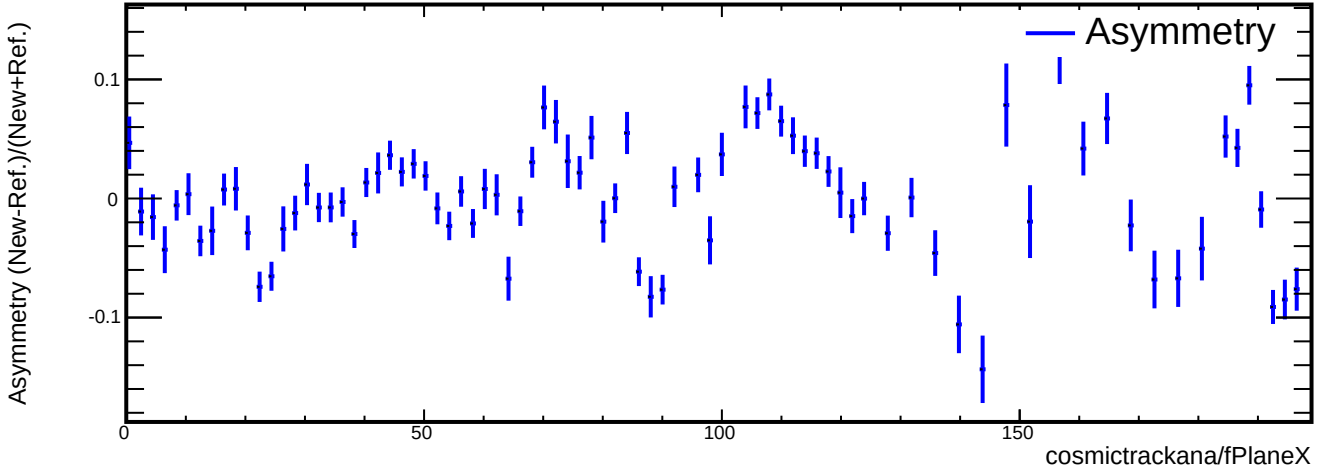

KS 8.50779e-26, chi2 6.70496e-202
6000
4000
2000
0
0
500
1000
1500
cosmictrackana/hitZPosition
2012-06-09
2012-06-10

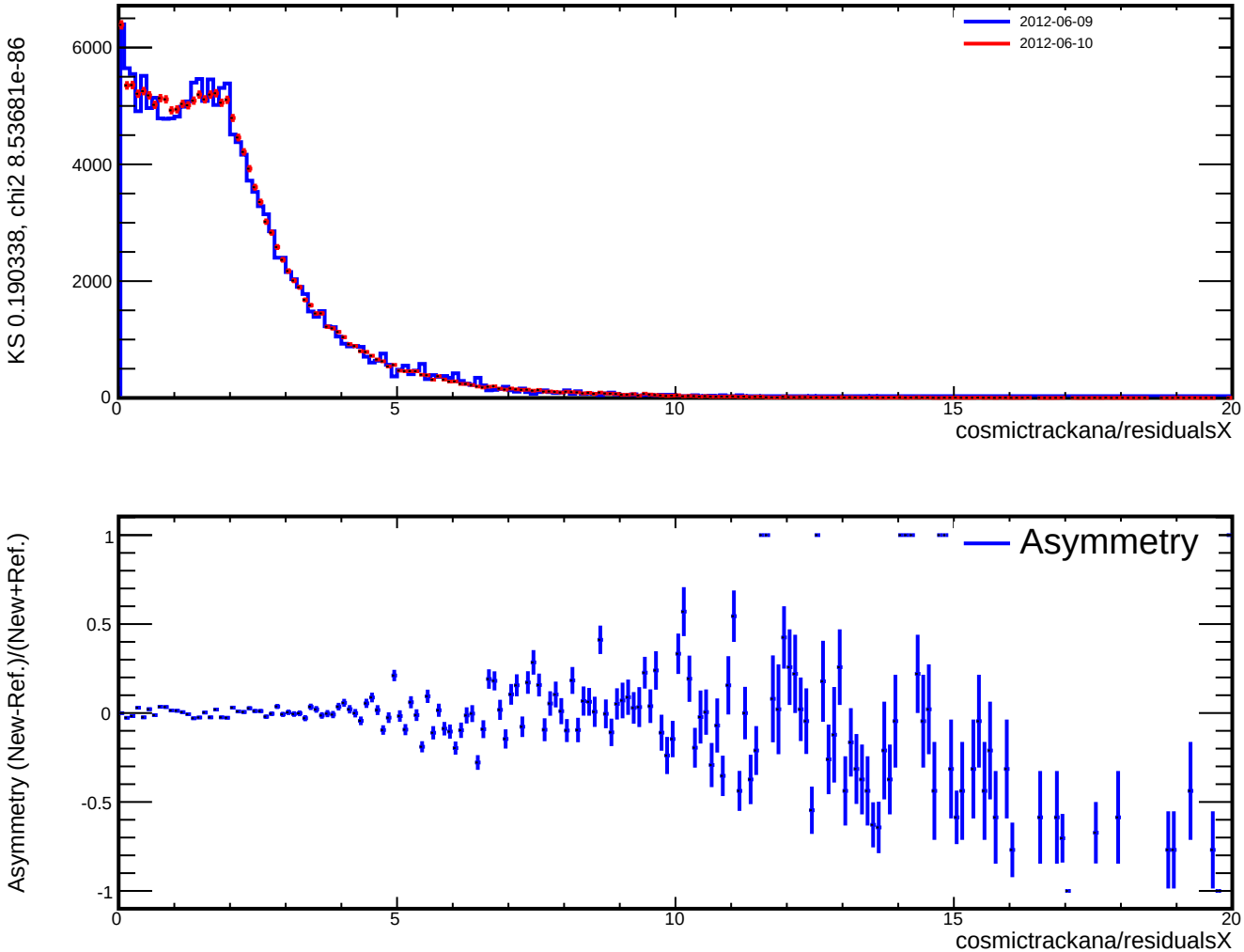

Asymmetry (New-Ref.)/(New+Ref.)
0.1
0
-0.1
-0.2
0
500
1000
1500
cosmictrackana/hitZPosition
Asymmetry

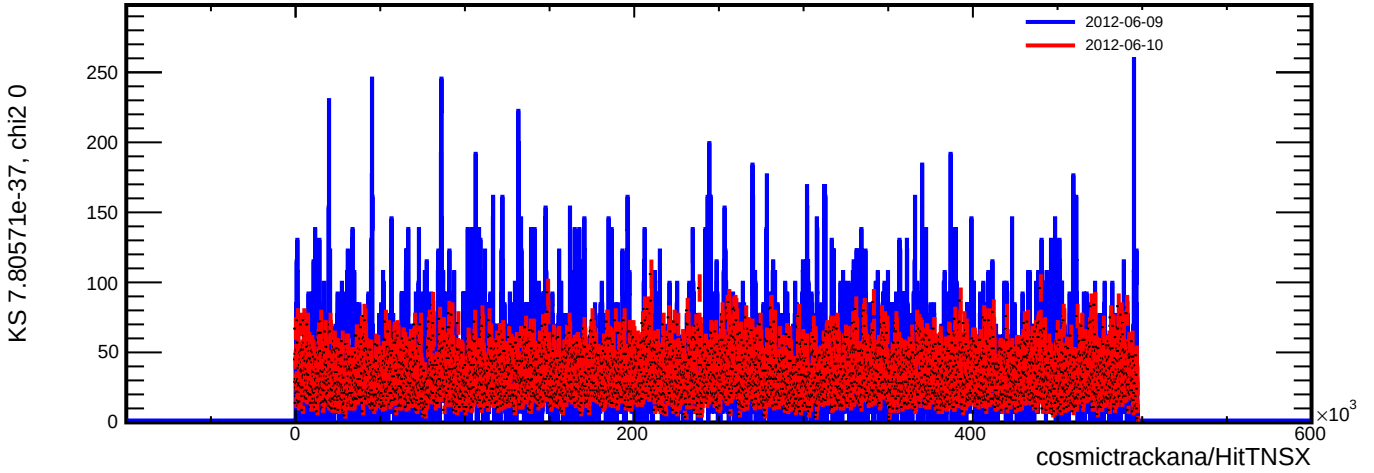

2012-06-09
2012-06-10
KS 0, chi2 5.28705e-51
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX

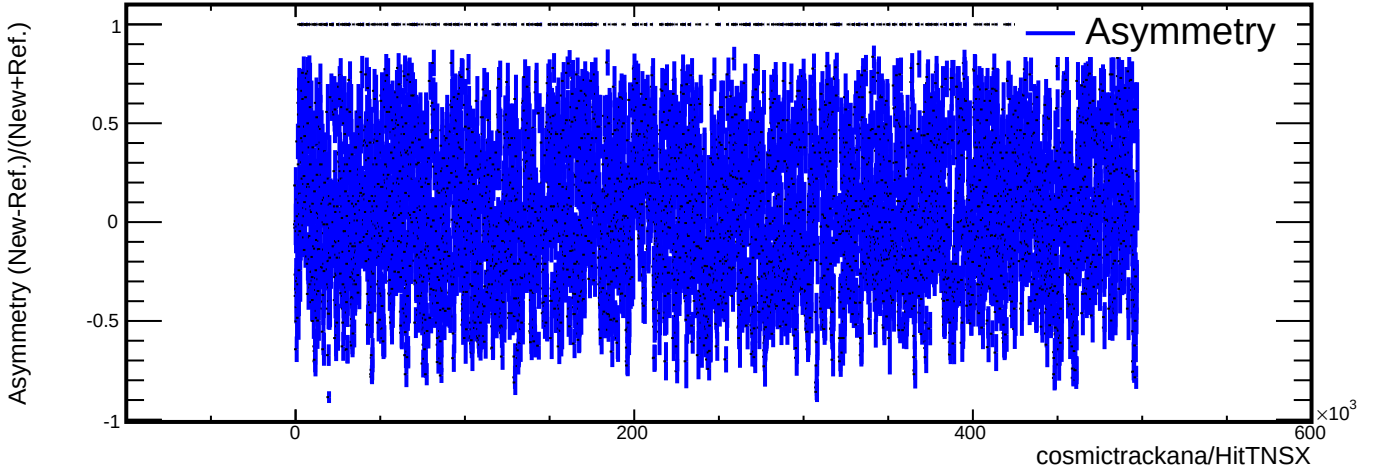

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellX

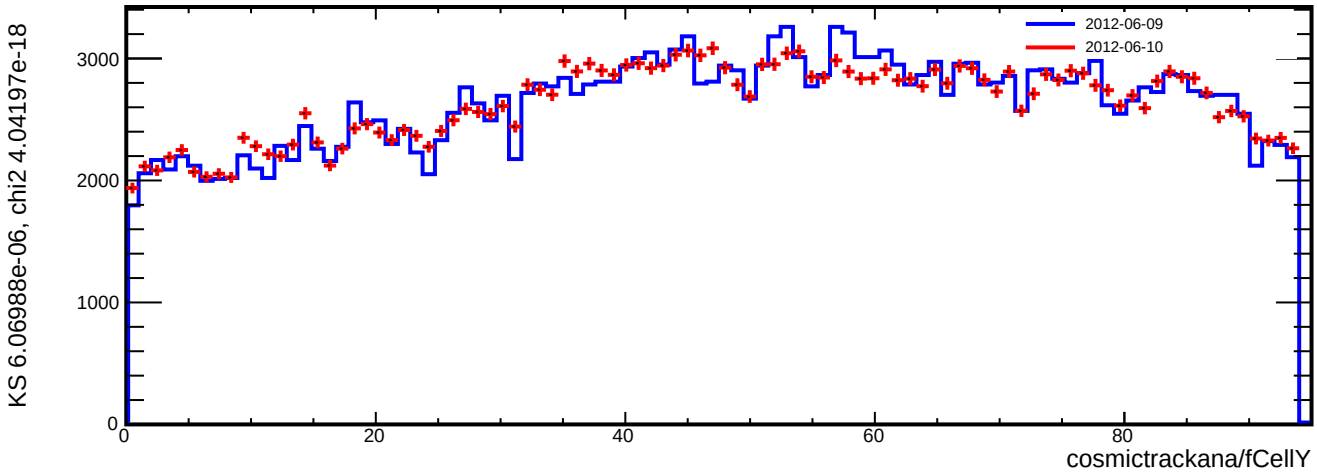

KS 2.19059e-08, chi2 1.92145e-97
2012-06-09
2012-06-10
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

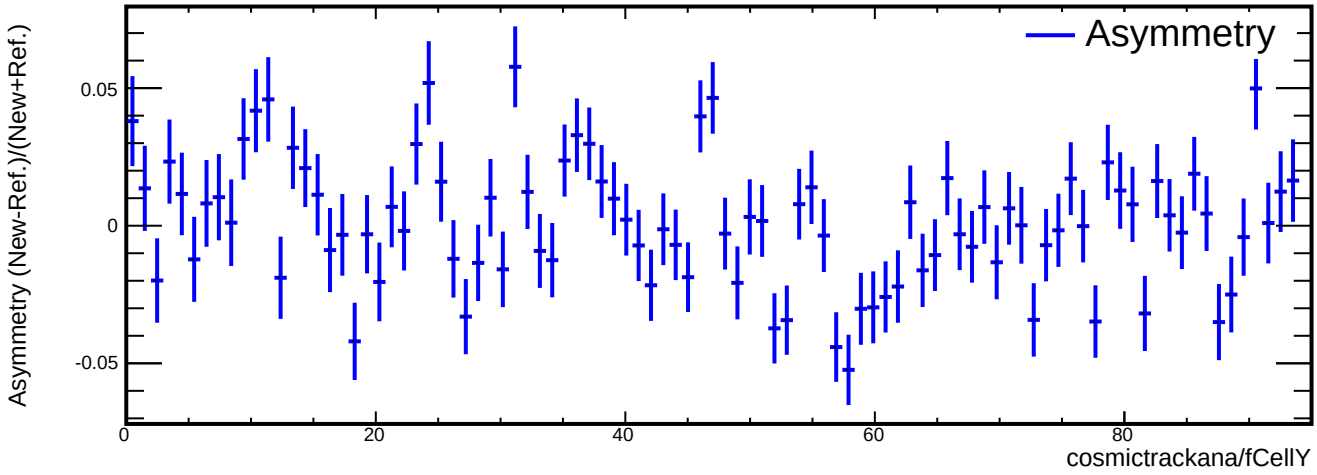

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
0
50
100
150
cosmictrackana/fPlaneX

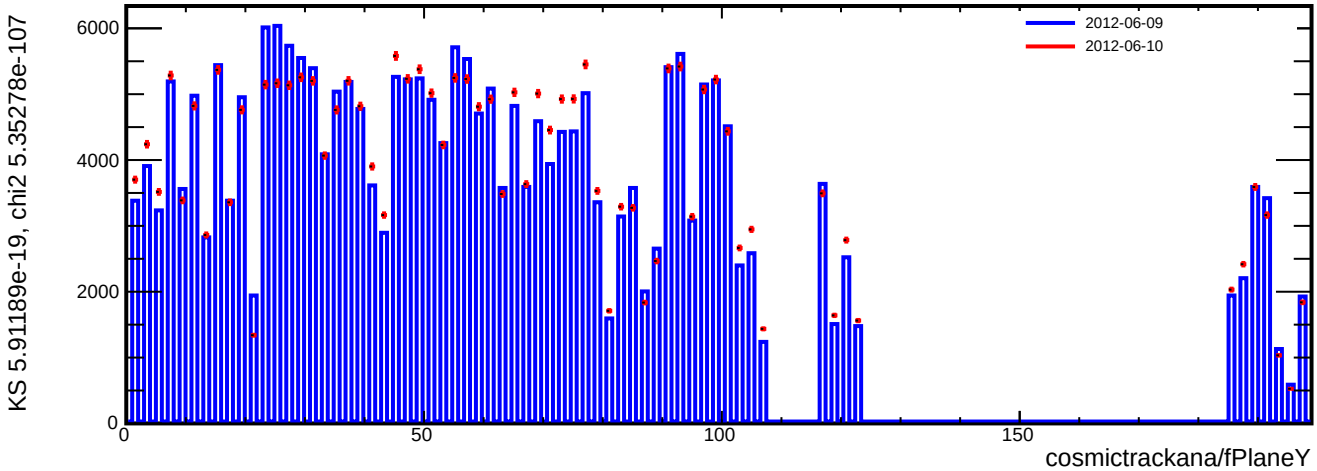

KS 0.190338, chi2 8.53681e-86
2012-06-09
2012-06-10
cosmictrackana/residualsX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/residualsX

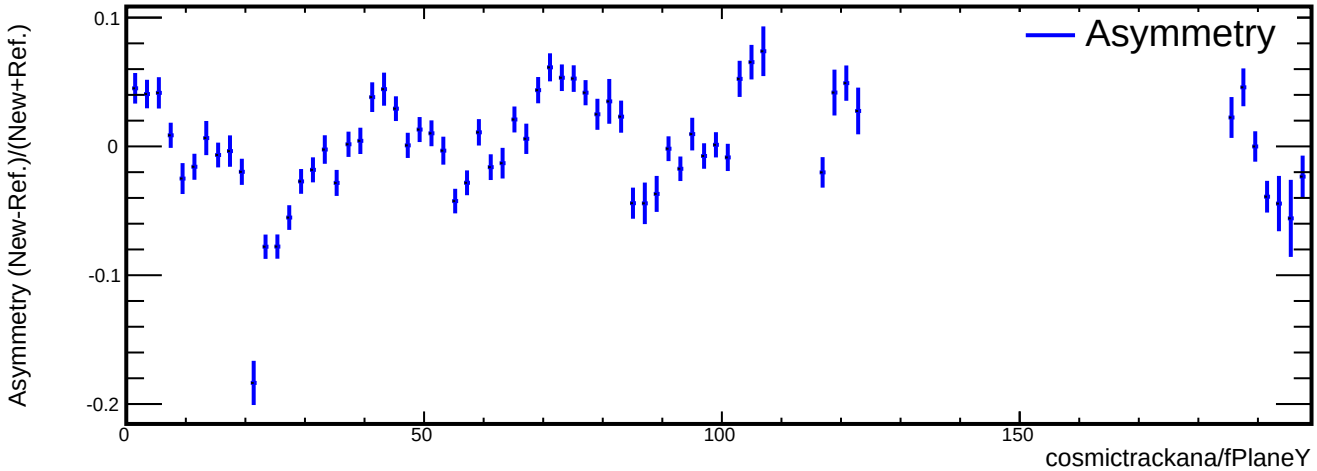

2012-06-09
2012-06-10
KS 7.80571e-37, chi2 0
250
200
150
100
50
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX

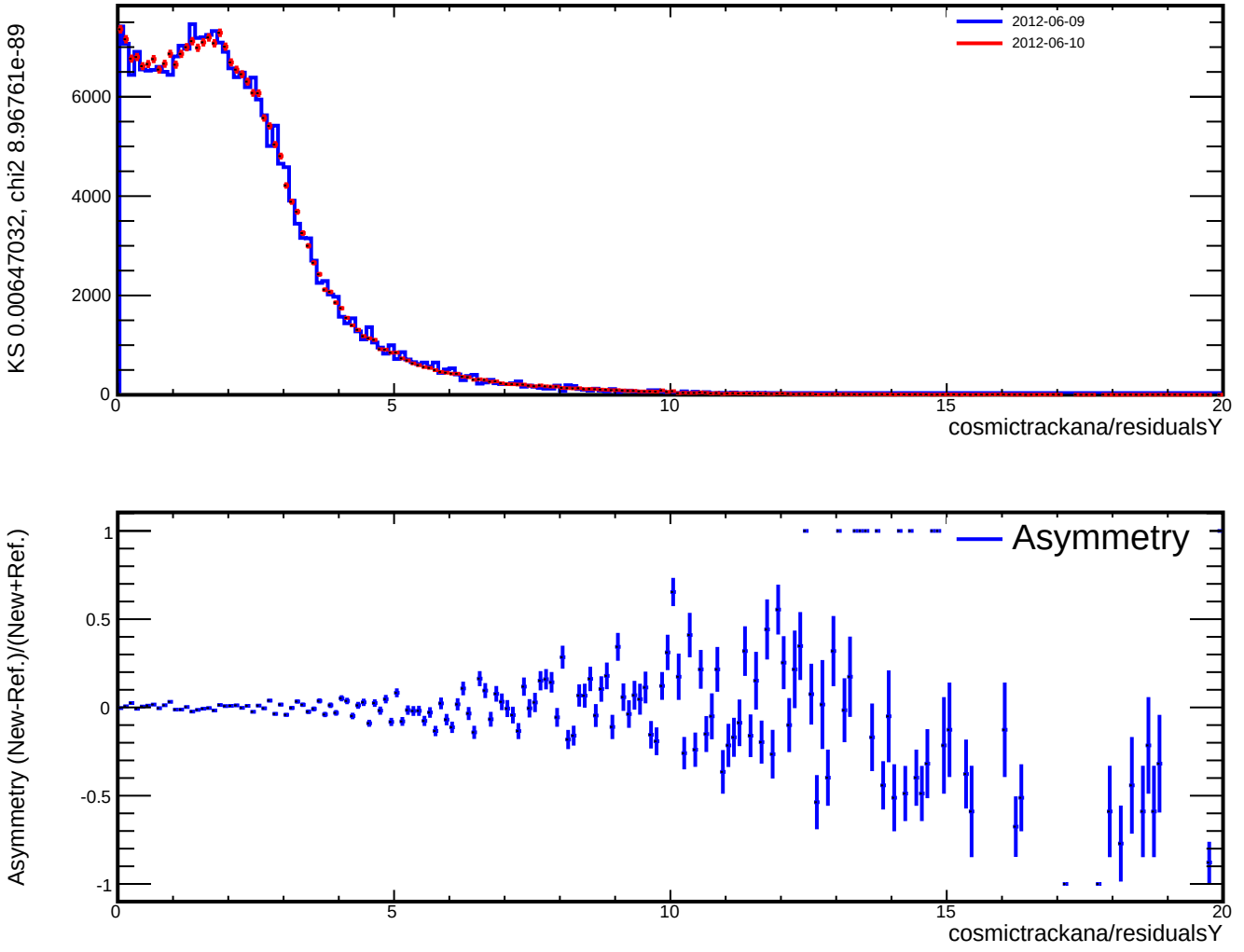

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX

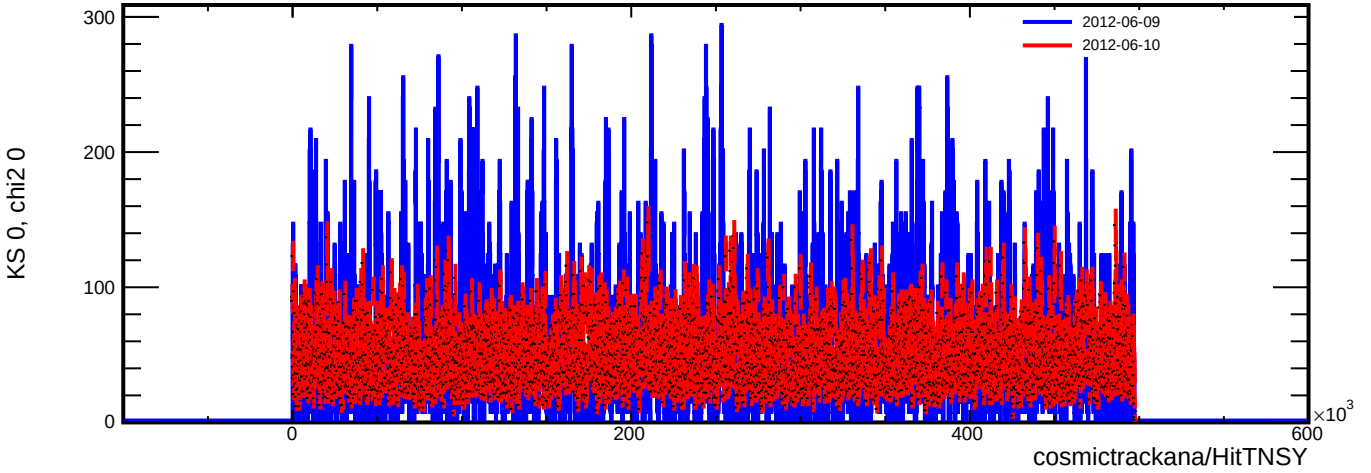

KS 6.06988e-06, chi2 4.04197e-18
2012-06-09
2012-06-10
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellY

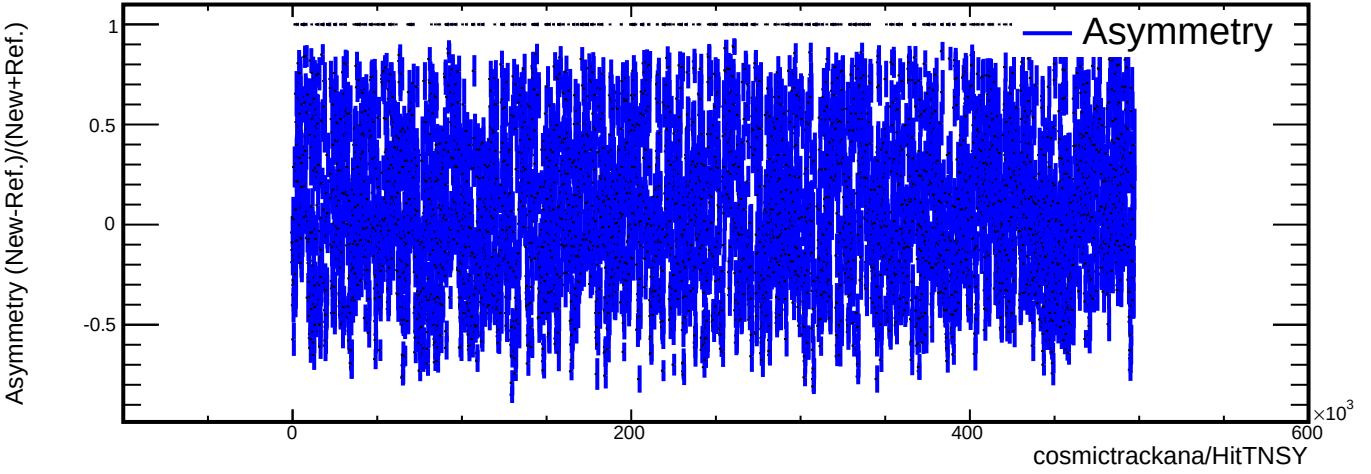

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellY


KS 5.91189e-19, chi2 5.35278e-107
6000
4000
2000
0
0
50
100
150
cosmictrackana/fPlaneY
2012-06-09
2012-06-10


Asymmetry (New-Ref.)/(New+Ref.)
0.1
0
-0.1
-0.2
0
50
100
150
cosmictrackana/fPlaneY
Asymmetry


KS 0.00647032, chi2 8.96761e-89
2012-06-09
2012-06-10
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


2012-06-09
2012-06-10
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
0
200
400
600
×10^3
cosmictrackana/HitTNSY