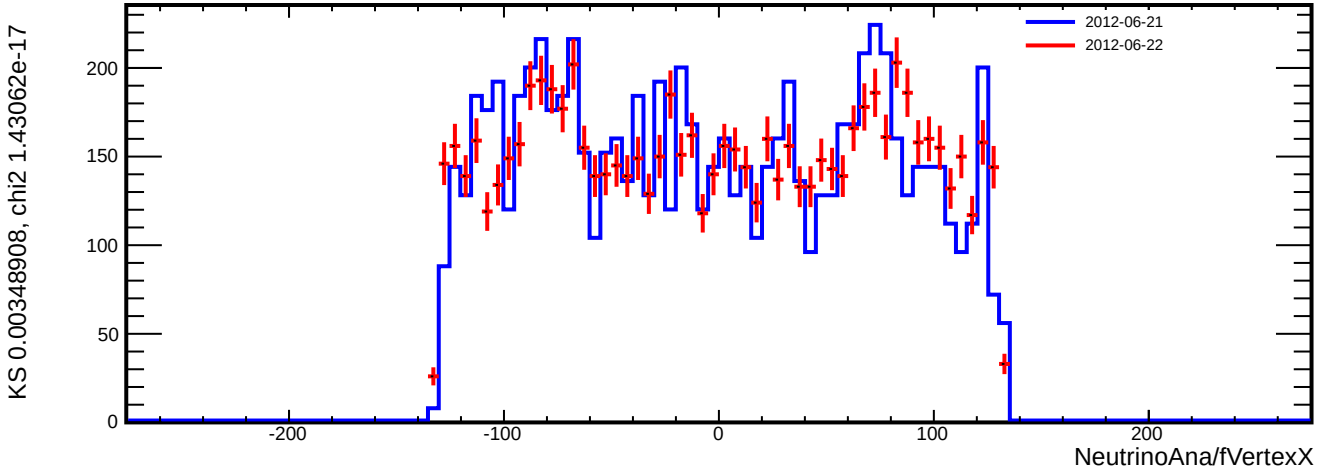
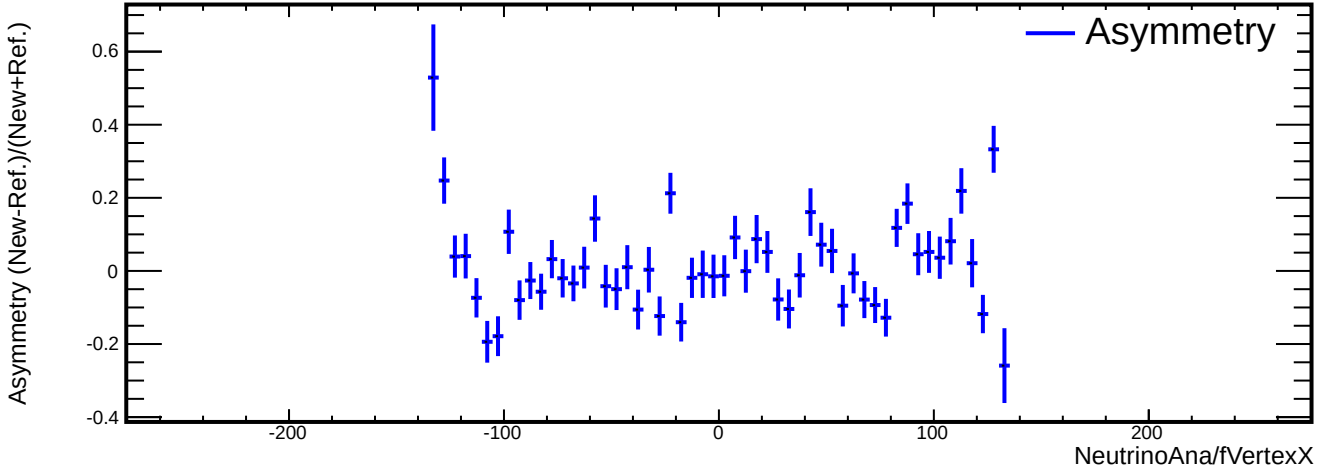
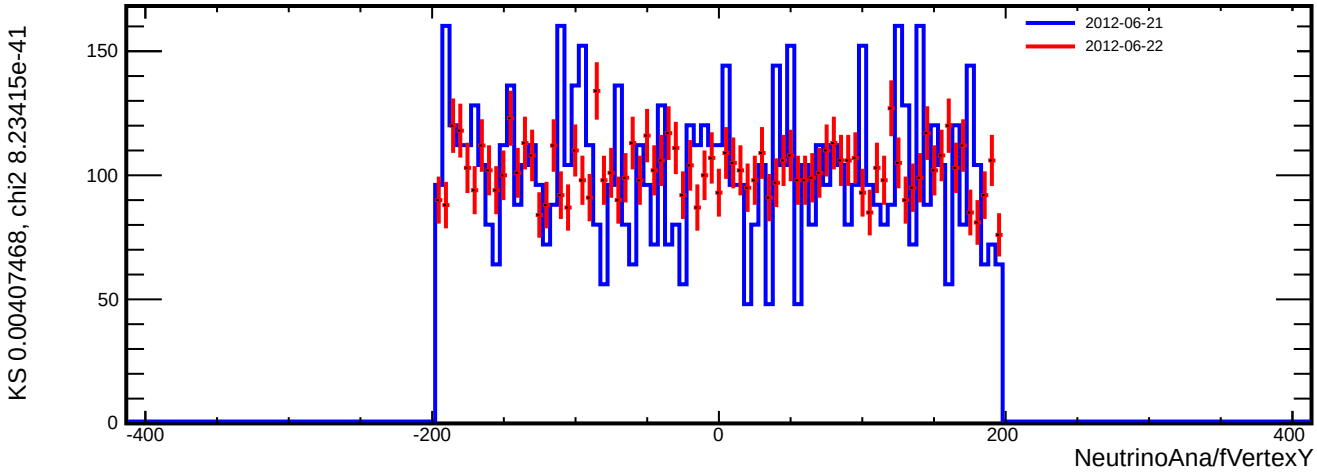
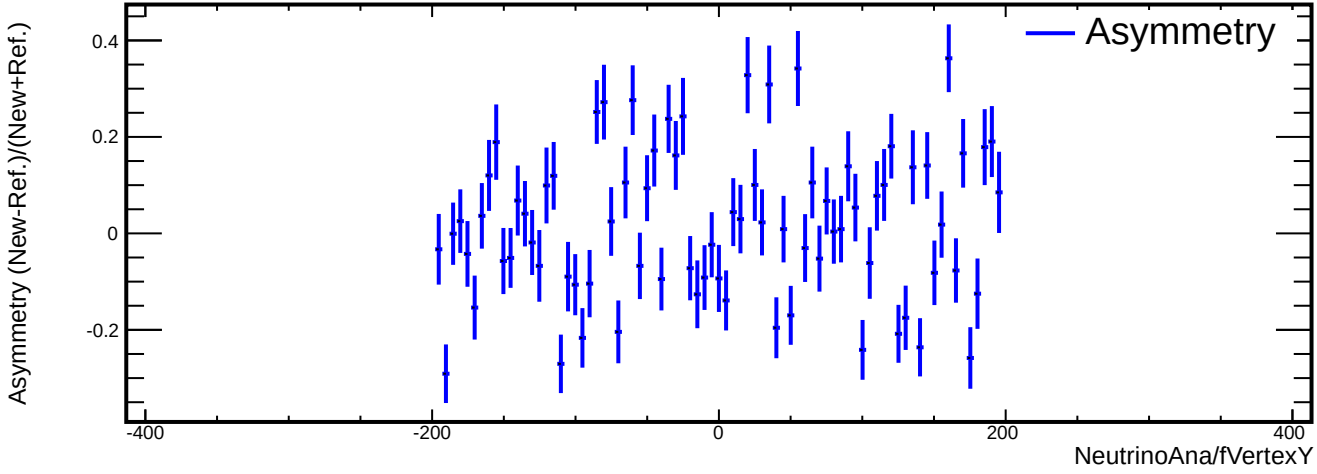
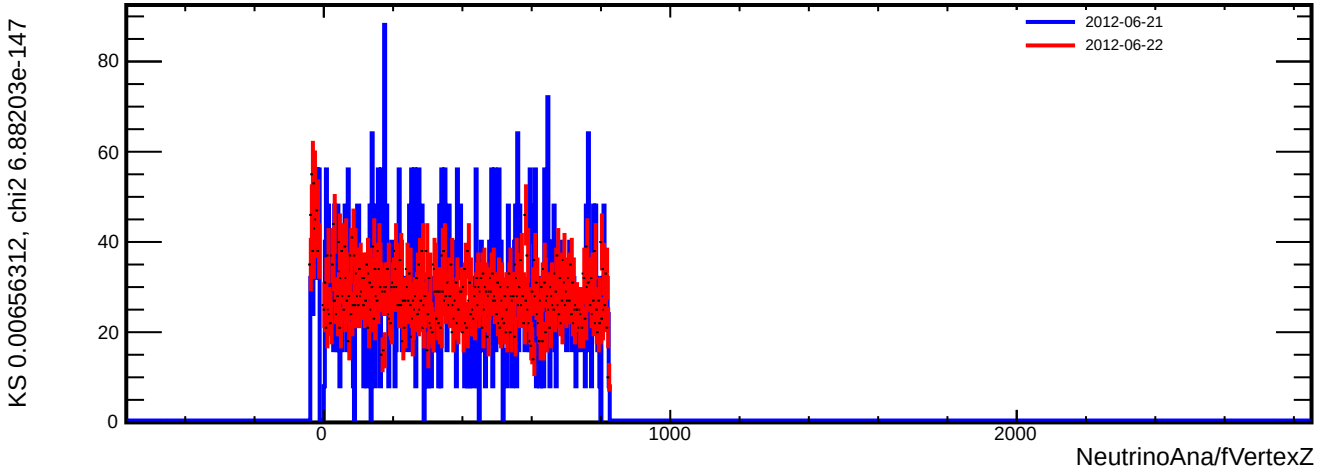
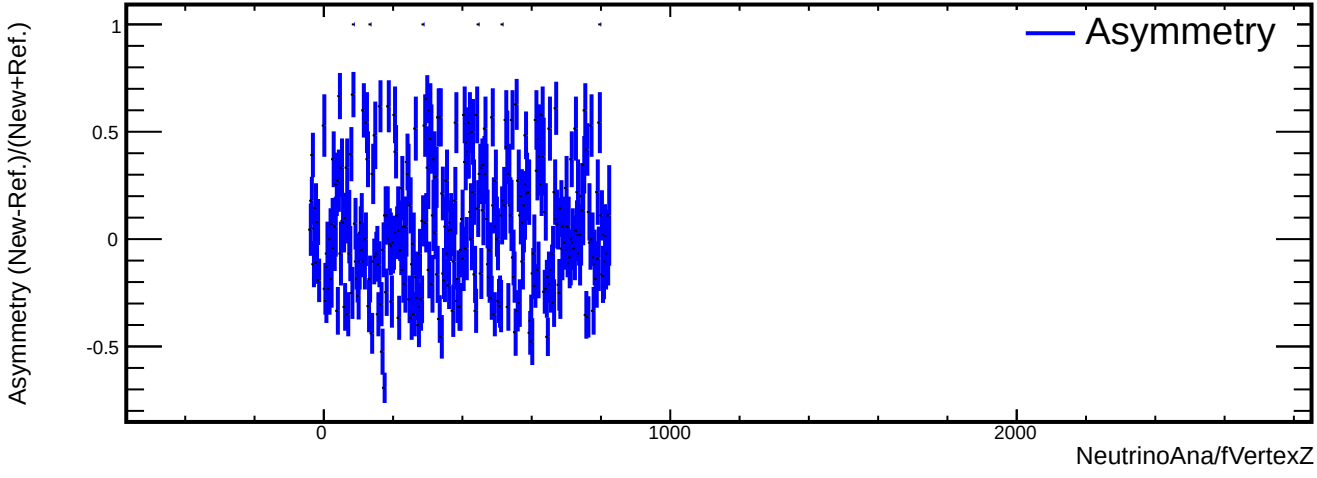

KS 0.00348908, chi2 1.43062e-17
2012-06-21
2012-06-22
NeutrinoAna/fVertexX

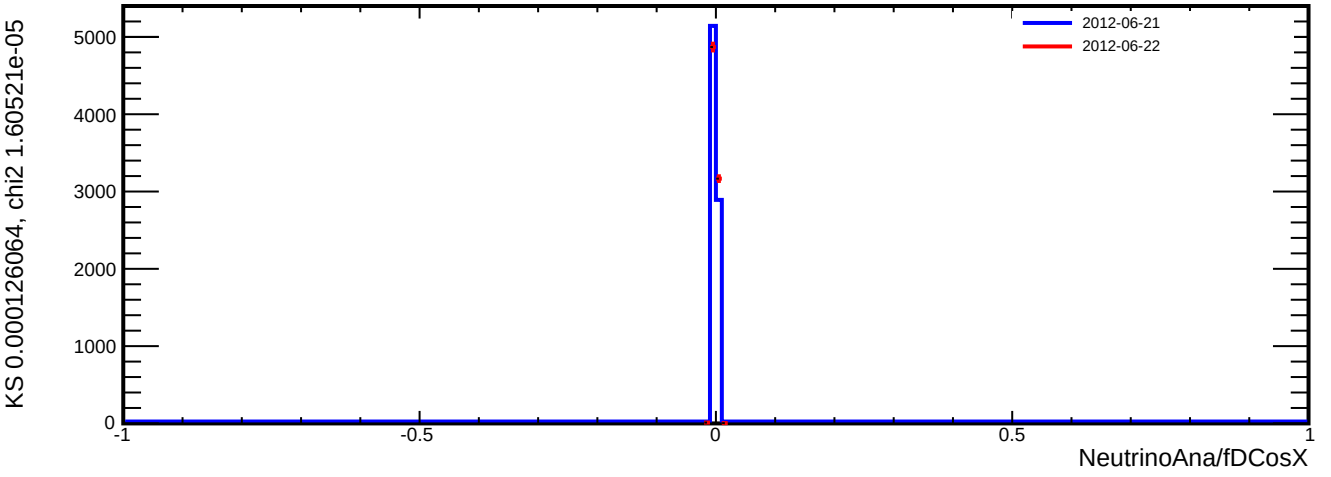

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fVertexX


KS 0.00407468, chi2 8.23415e-41
2012-06-21
2012-06-22
150
100
50
0
-400
-200
0
200
400
NeutrinoAna/fVertexY


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


KS 0.00656312, chi2 6.88203e-147
2012-06-21
2012-06-22
80
60
40
20
0
0
1000
2000
NeutrinoAna/fVertexZ


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


KS 0.000126064, chi2 1.60521e-05
5000
4000
3000
2000
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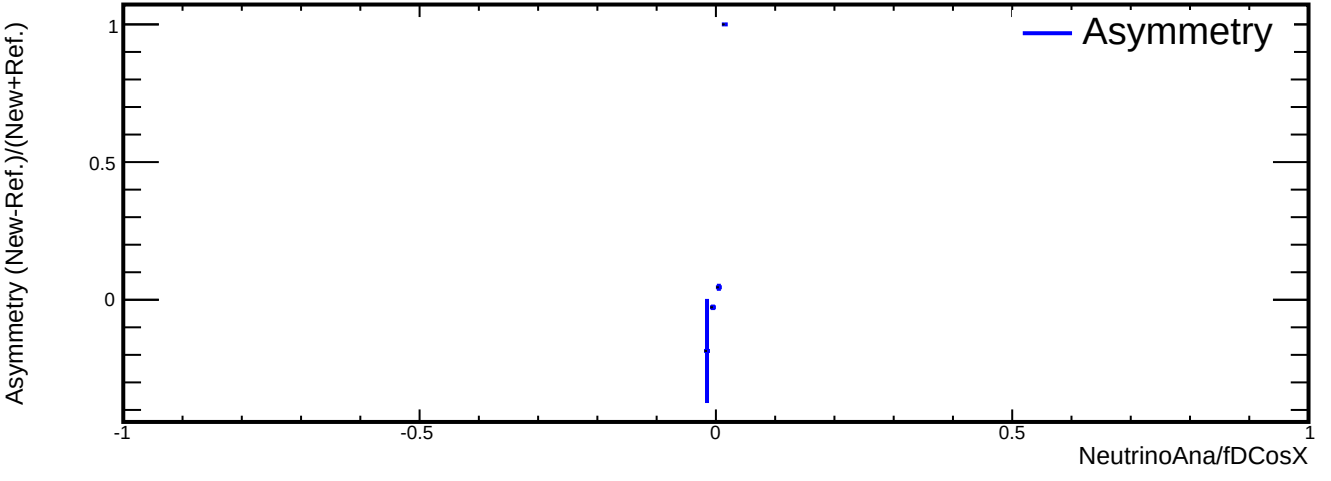
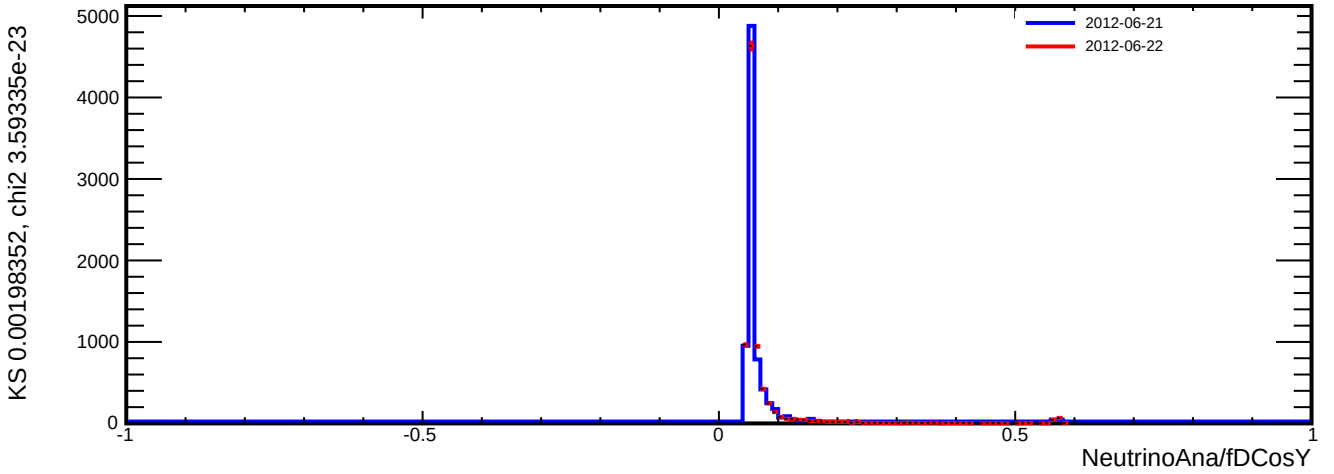
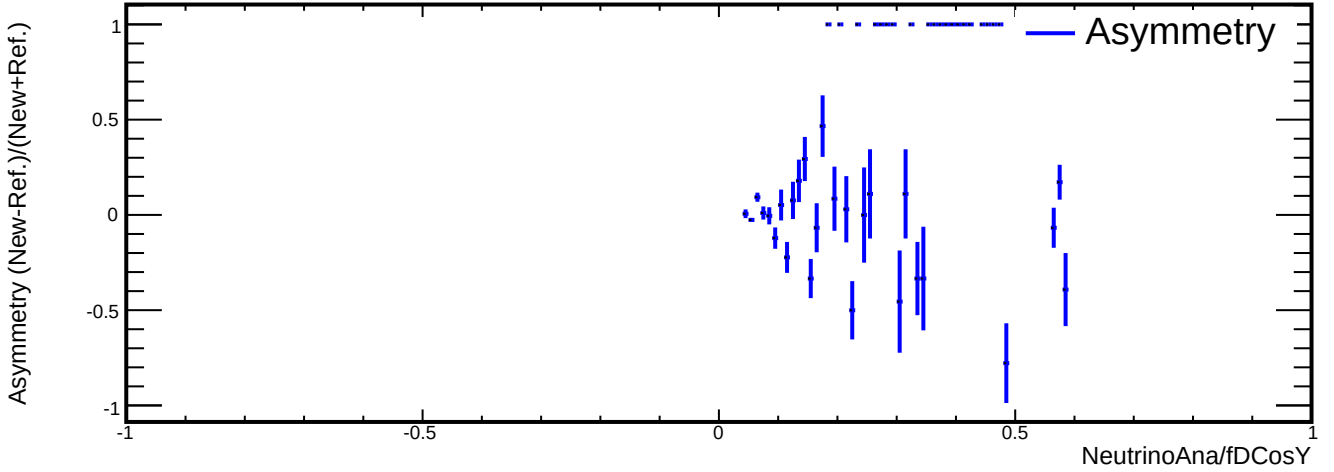
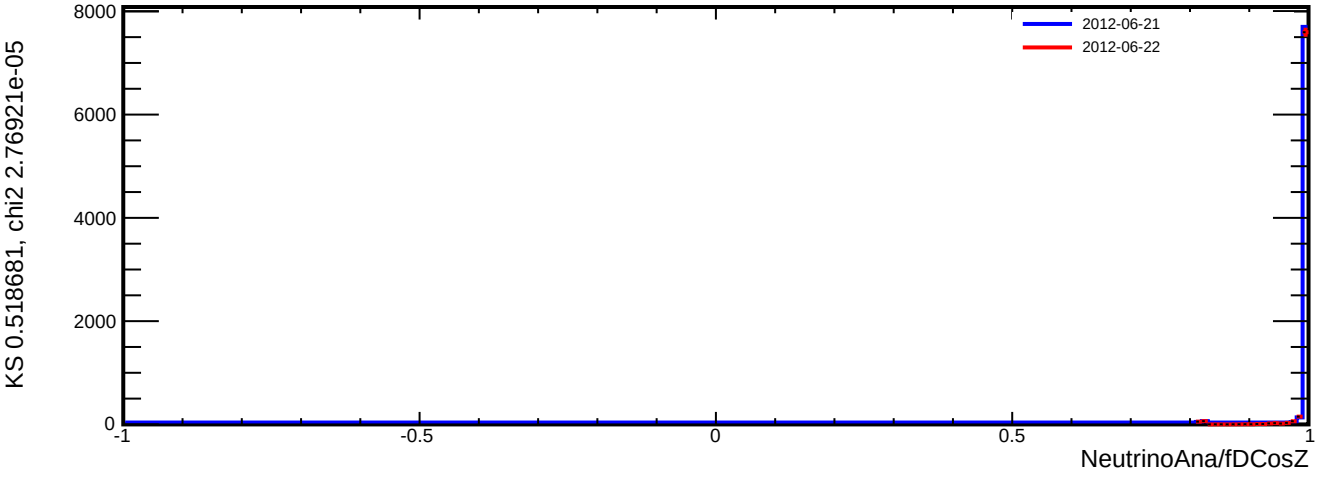
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosX
2012-06-21
2012-06-22


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


KS 0.00198352, chi2 3.59335e-23
2012-06-21
2012-06-22
5000
4000
3000
2000
1000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY


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


KS 0.518681, chi2 2.76921e-05
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6000
4000
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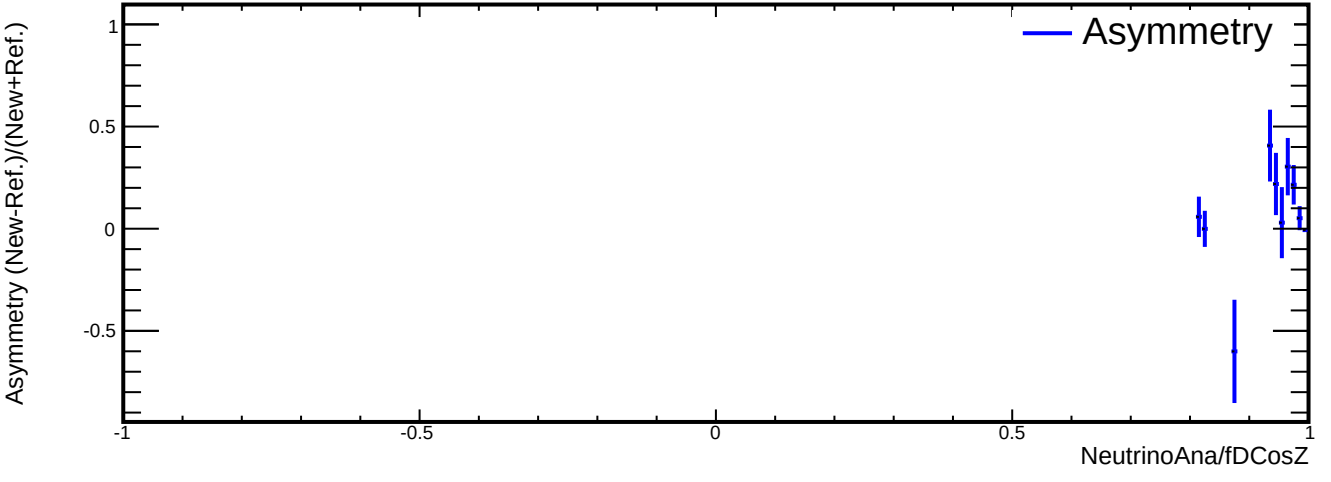
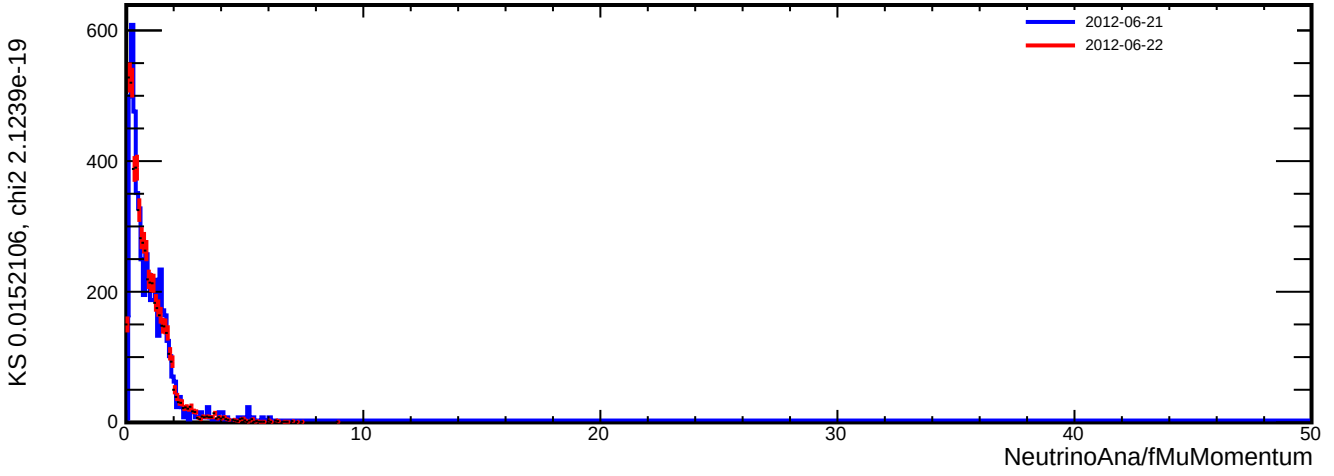
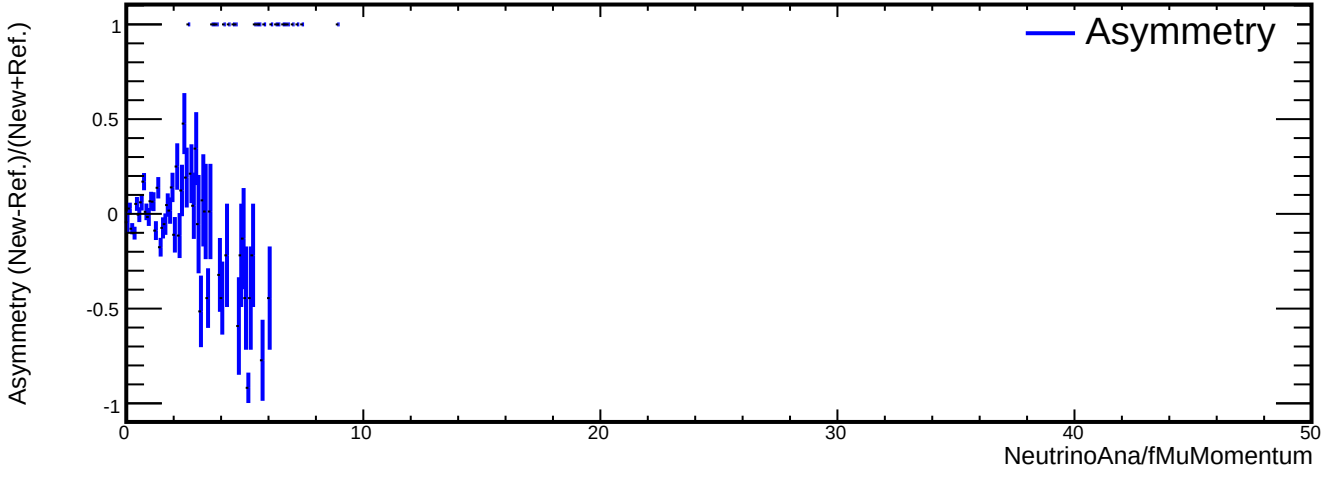
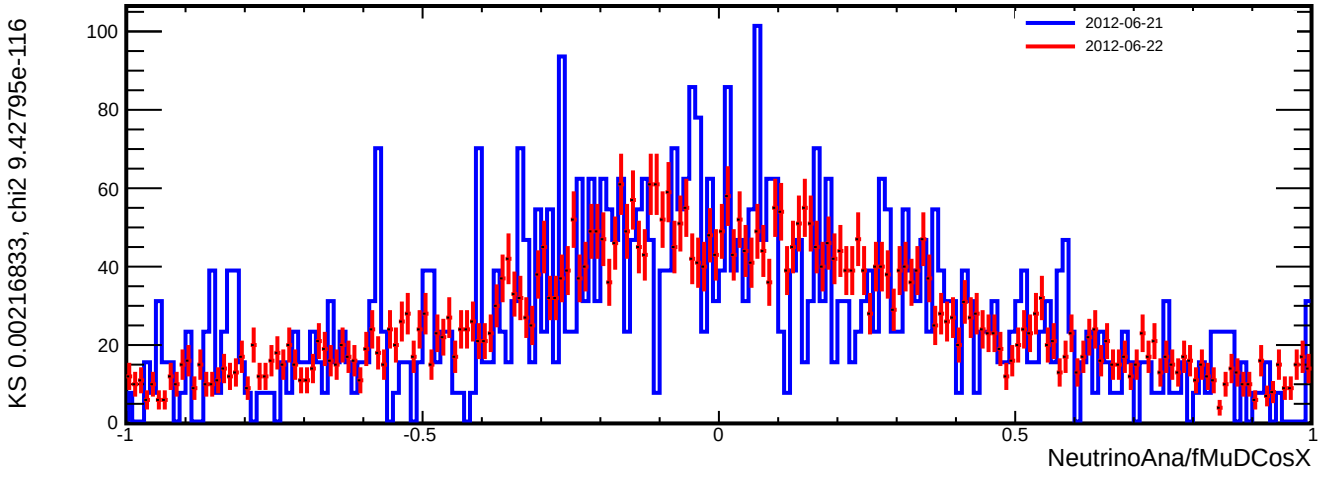
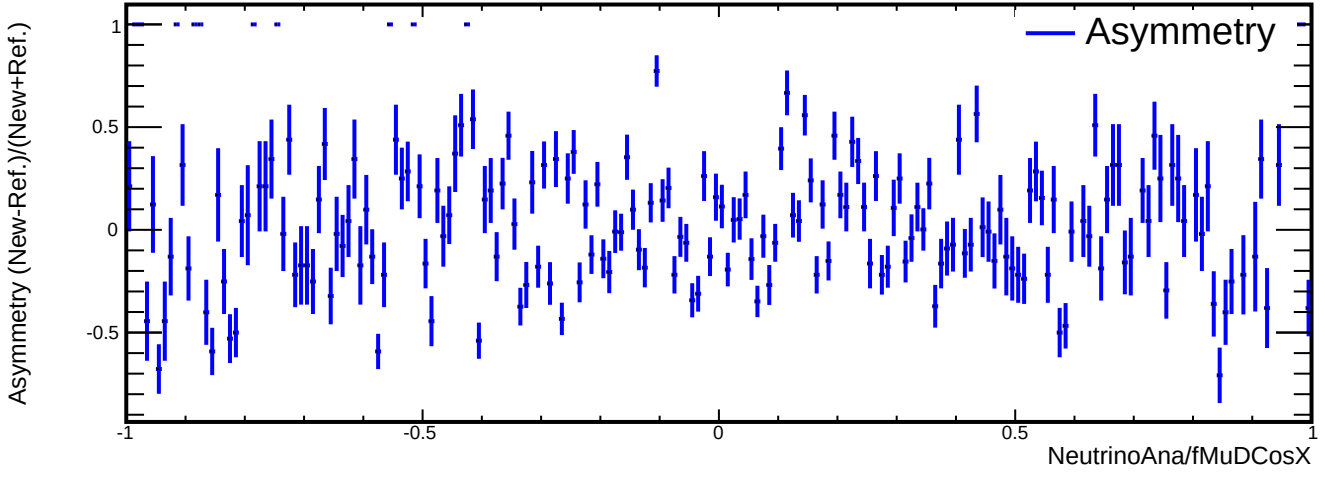
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
2012-06-21
2012-06-22

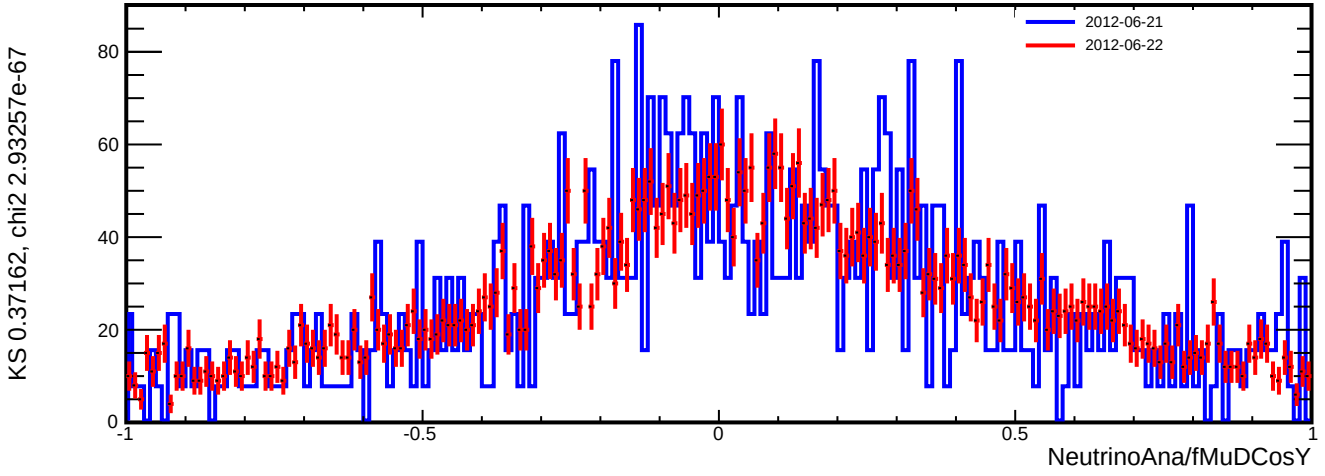

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
Asymmetry

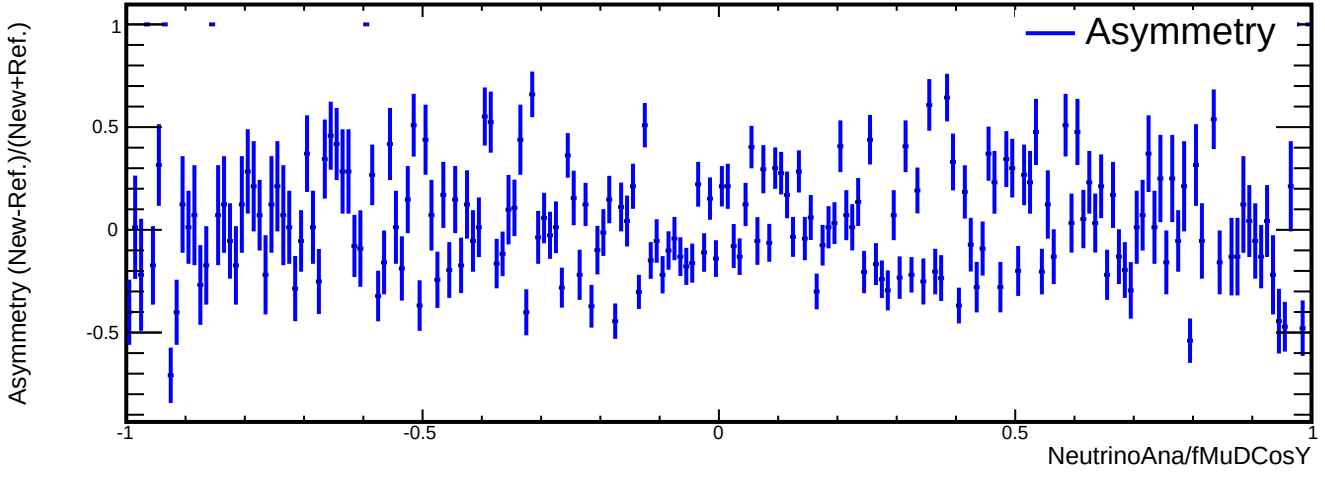

KS 0.0152106, chi2 2.1239e-19
600
400
200
0
0
10
20
30
40
50
NeutrinoAna/fMuMomentum
2012-06-21
2012-06-22

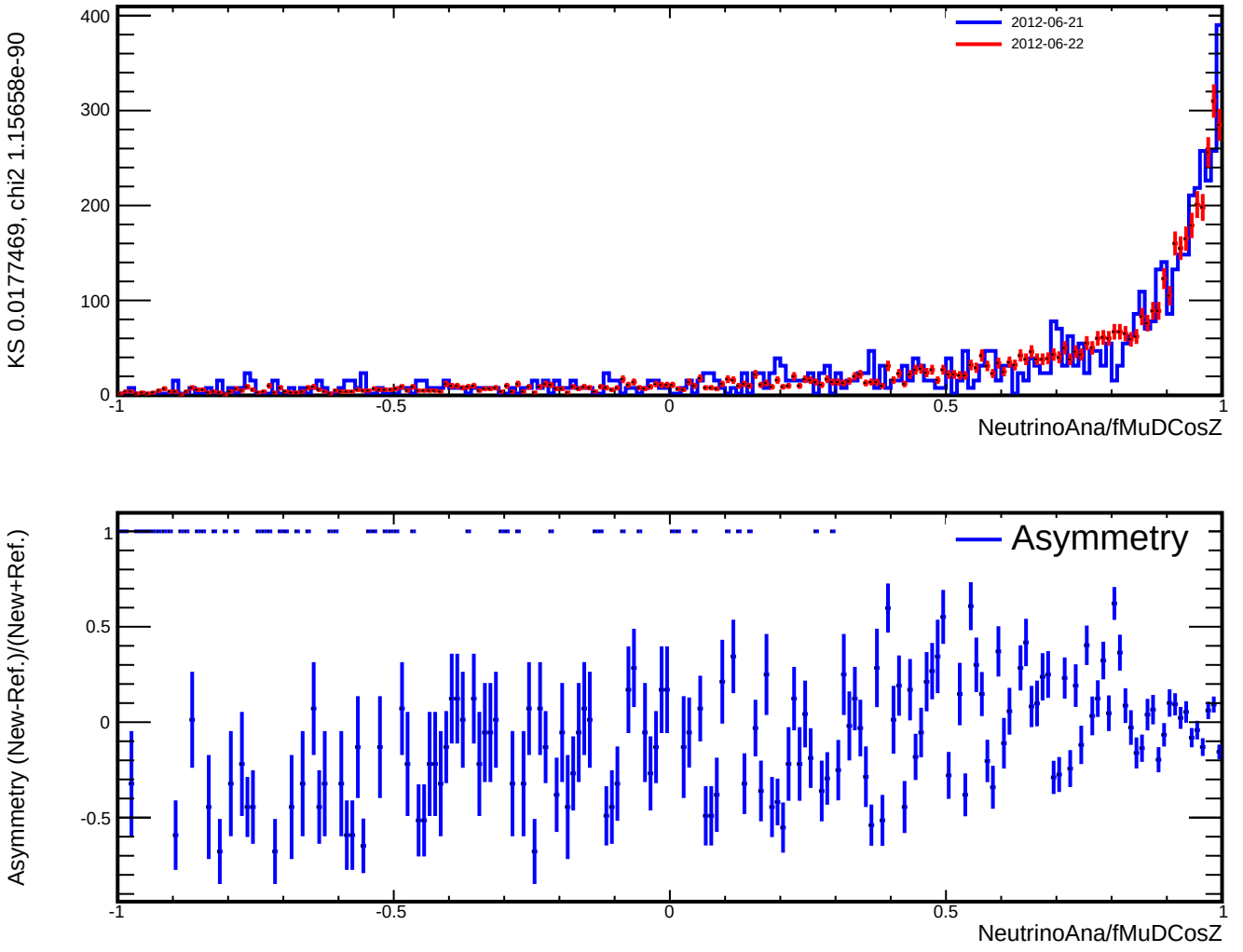

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fMuMomentum
Asymmetry

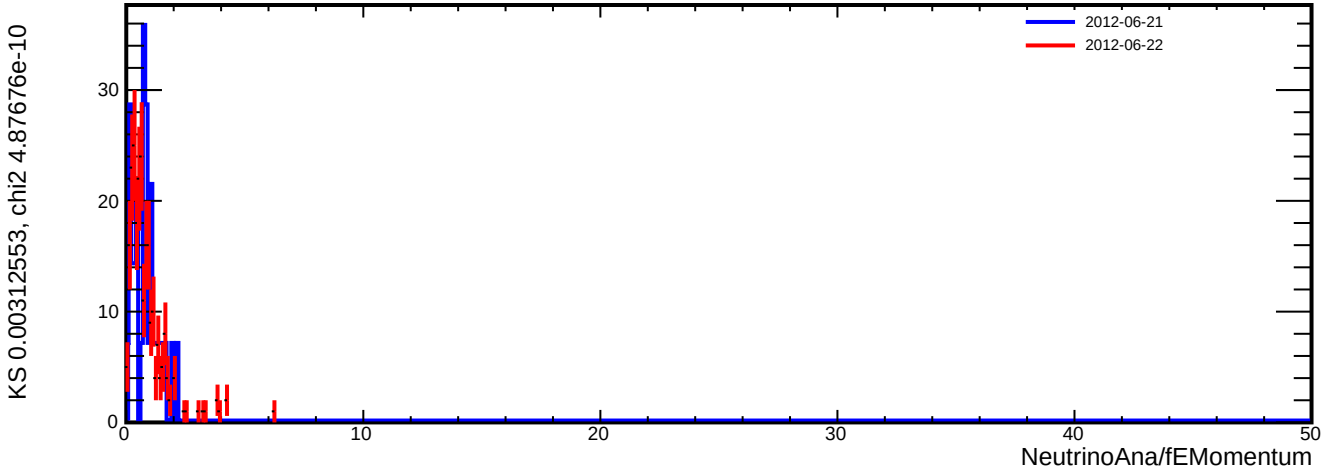

KS 0.00216833, chi2 9.42795e-116
2012-06-21
2012-06-22
100
80
60
40
20
0
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosX

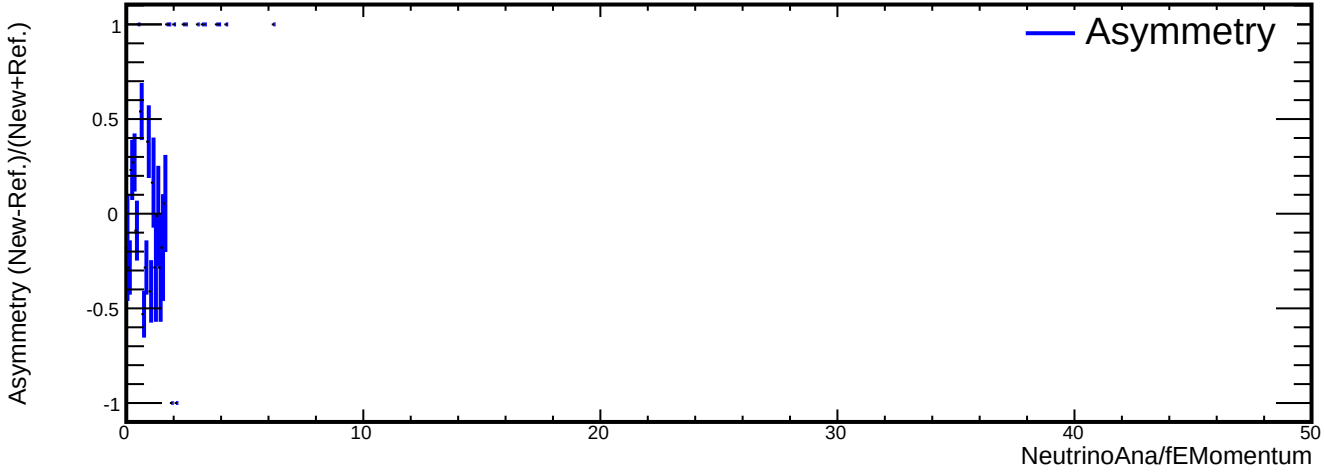

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosX

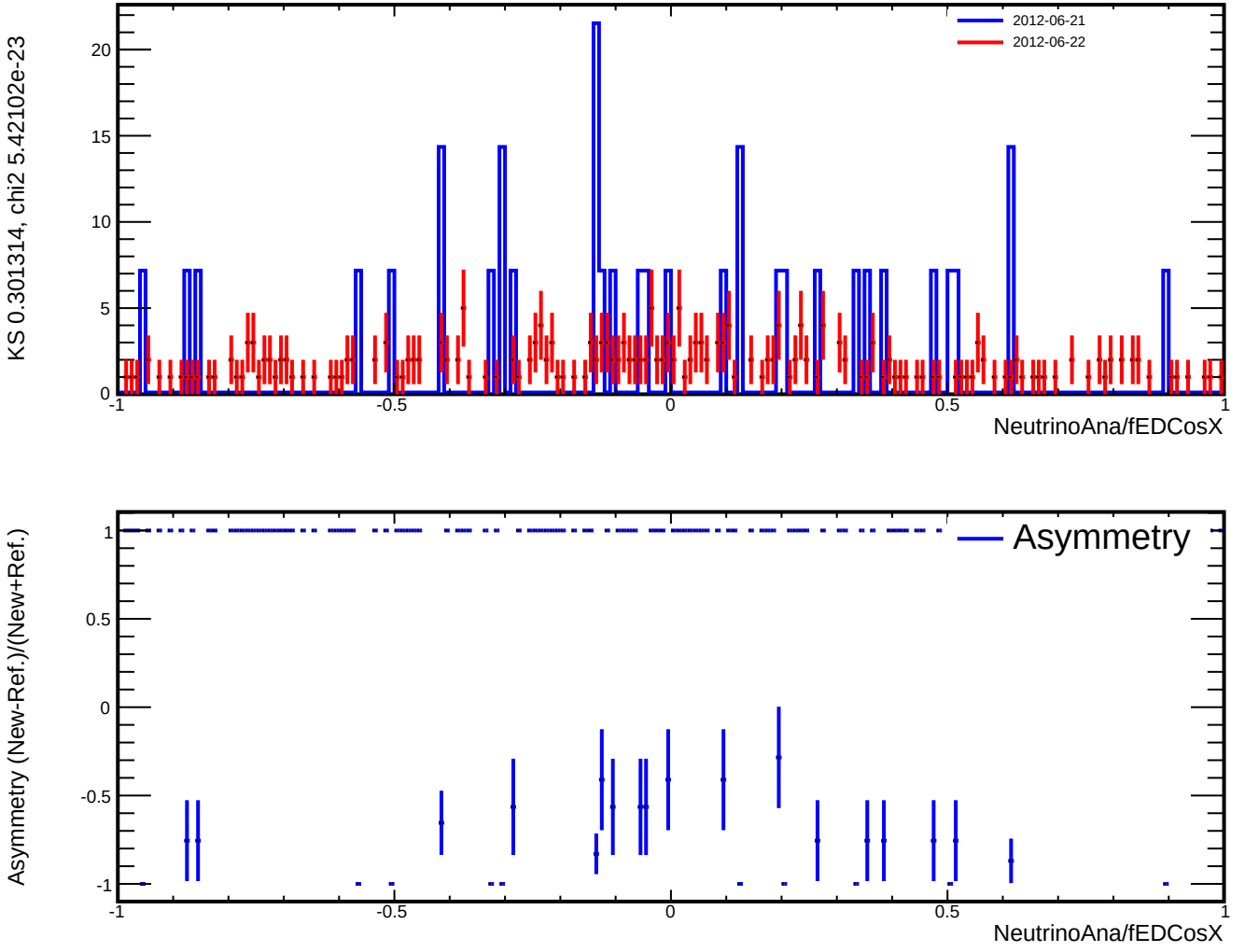

KS 0.37162, chi2 2.93257e-67
2012-06-21
2012-06-22
NeutrinoAna/fMuDCosY

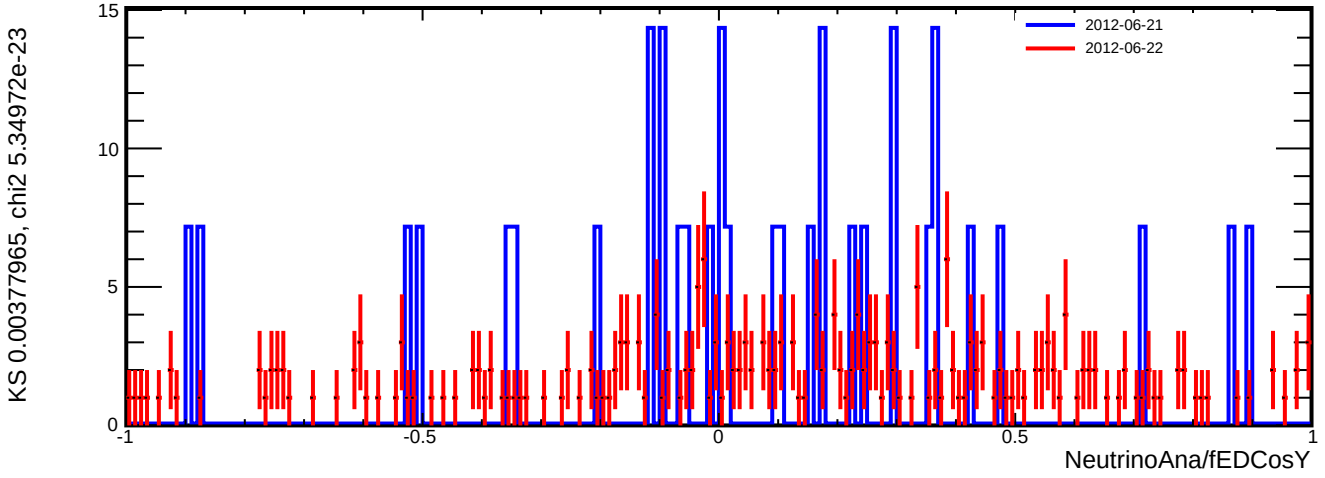

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fMuDCosY

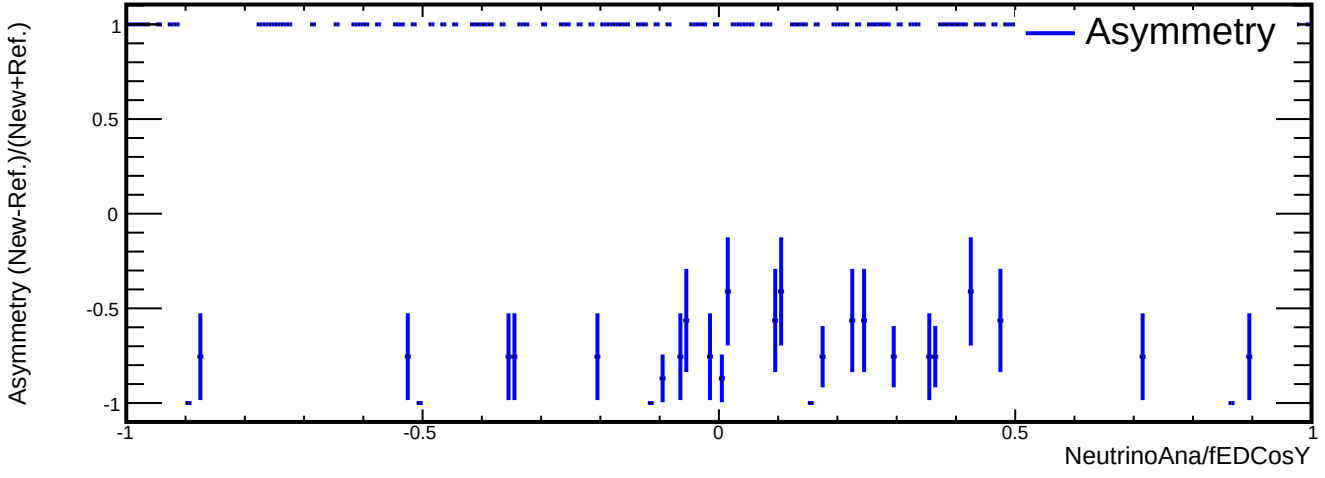

KS 0.0177469, chi2 1.15658e-90
2012-06-21
2012-06-22
NeutrinoAna/fMuDCosZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fMuDCosZ

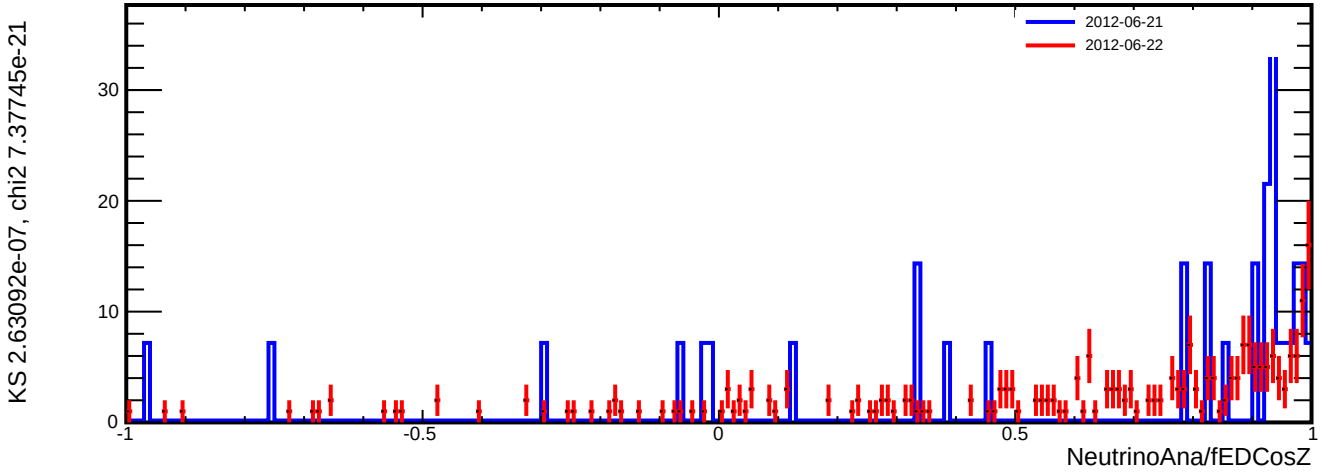

KS 0.00312553, chi2 4.87676e-10
2012-06-21
2012-06-22
0
10
20
30
0
10
20
30
40
50
NeutrinoAna/fEMomentum

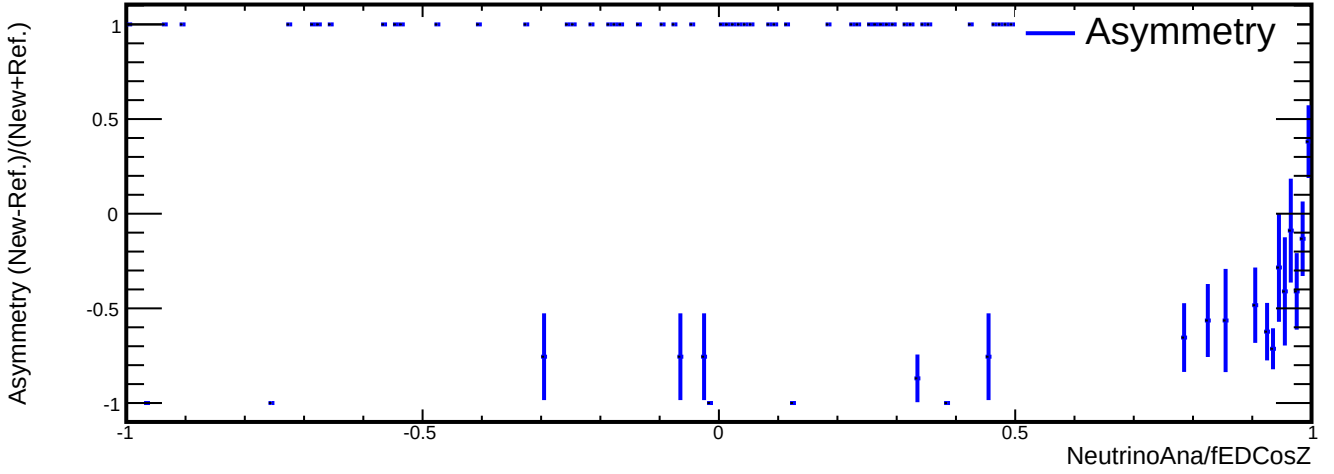

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fEMomentum

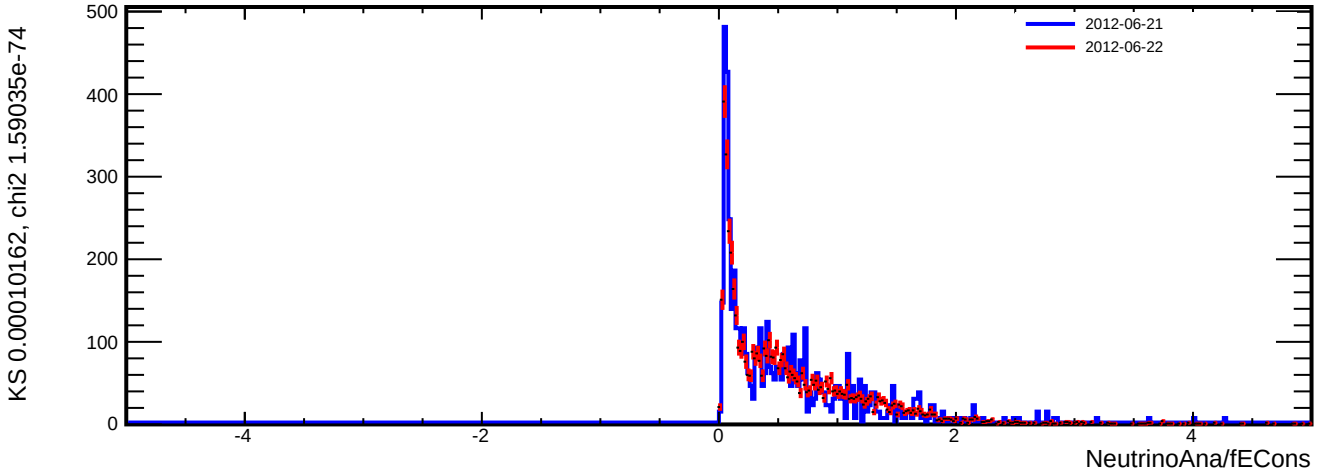

KS 0.301314, chi2 5.42102e-23
2012-06-21
2012-06-22
NeutrinoAna/fEDCosX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosX

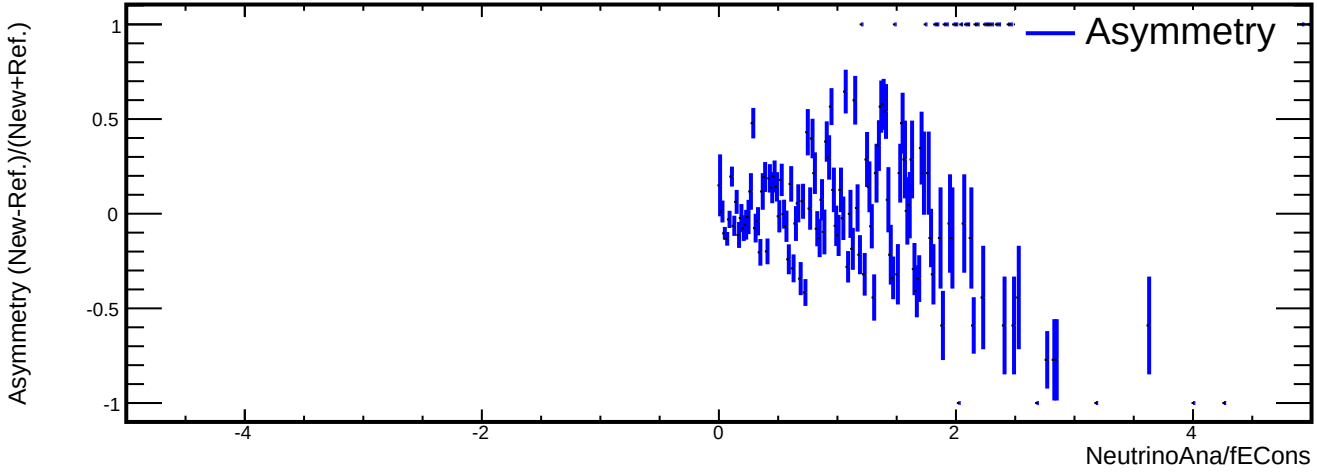

KS 0.00377965, chi2 5.34972e-23
2012-06-21
2012-06-22
NeutrinoAna/fEDCosY

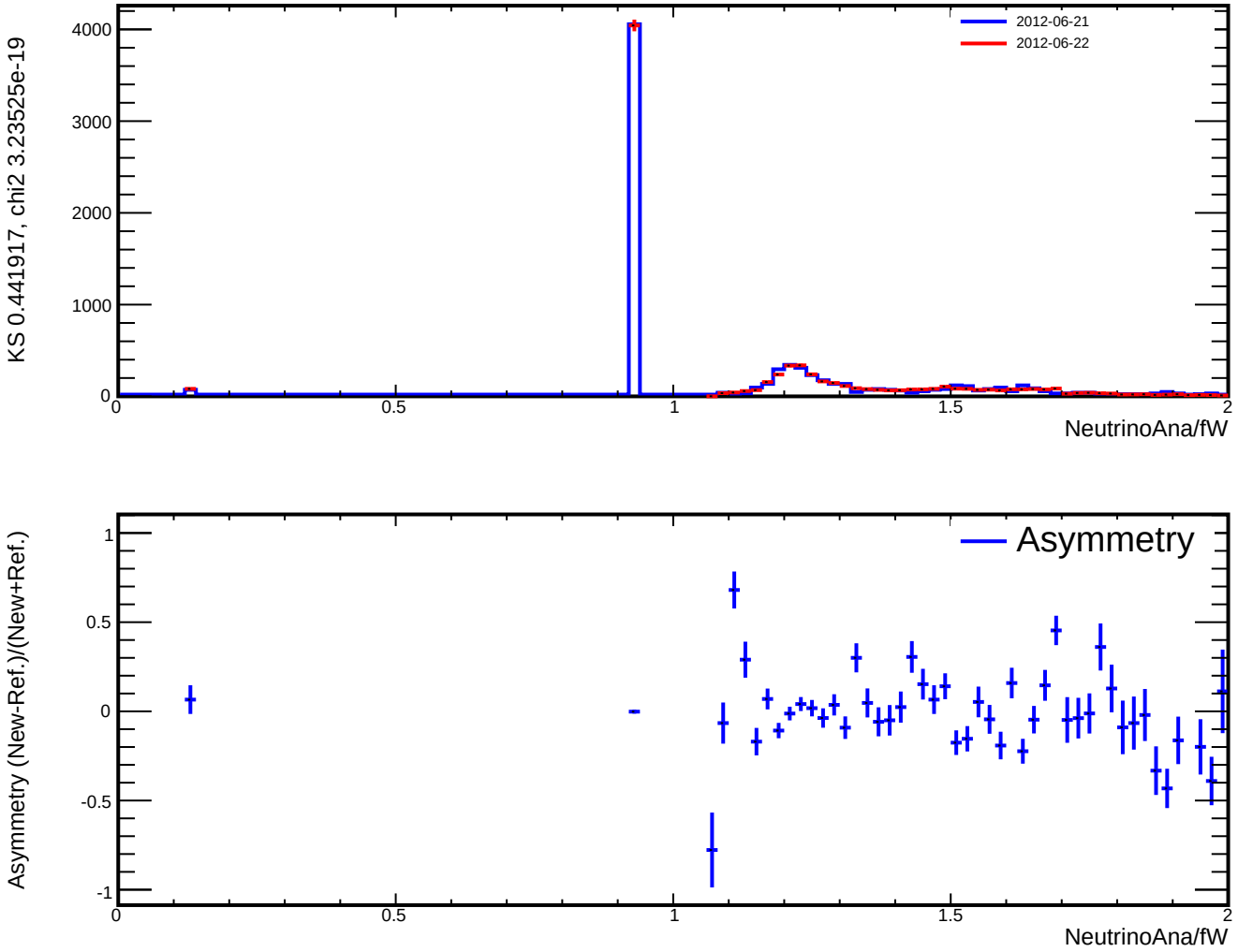

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosY

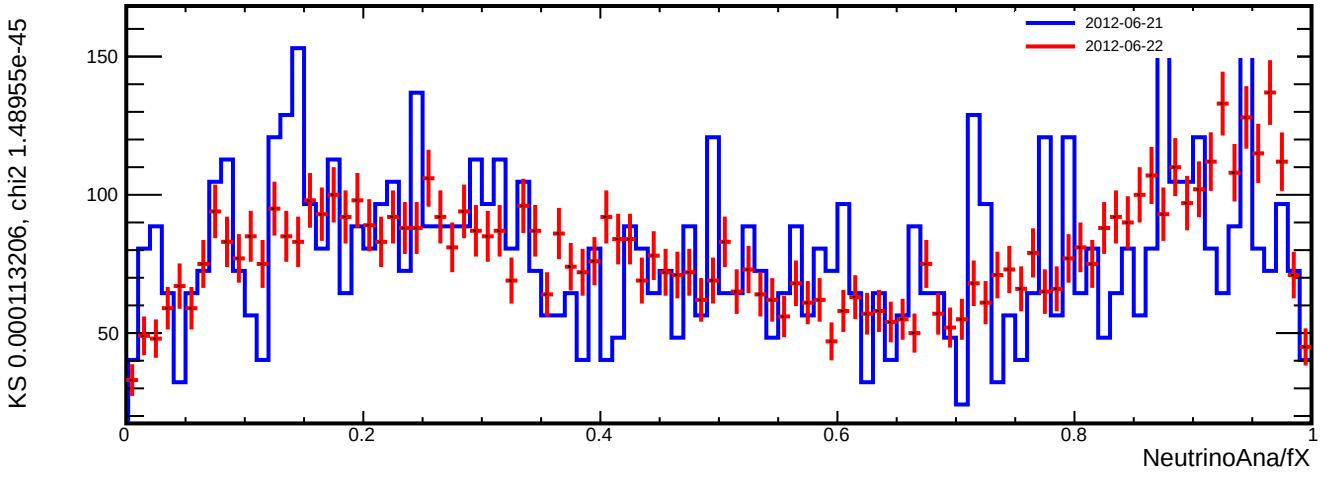

KS 2.63092e-07, chi2 7.37745e-21
2012-06-21
2012-06-22
30
20
10
0
-1
-0.5
0
0.5
1
NeutrinoAna/fEDCosZ

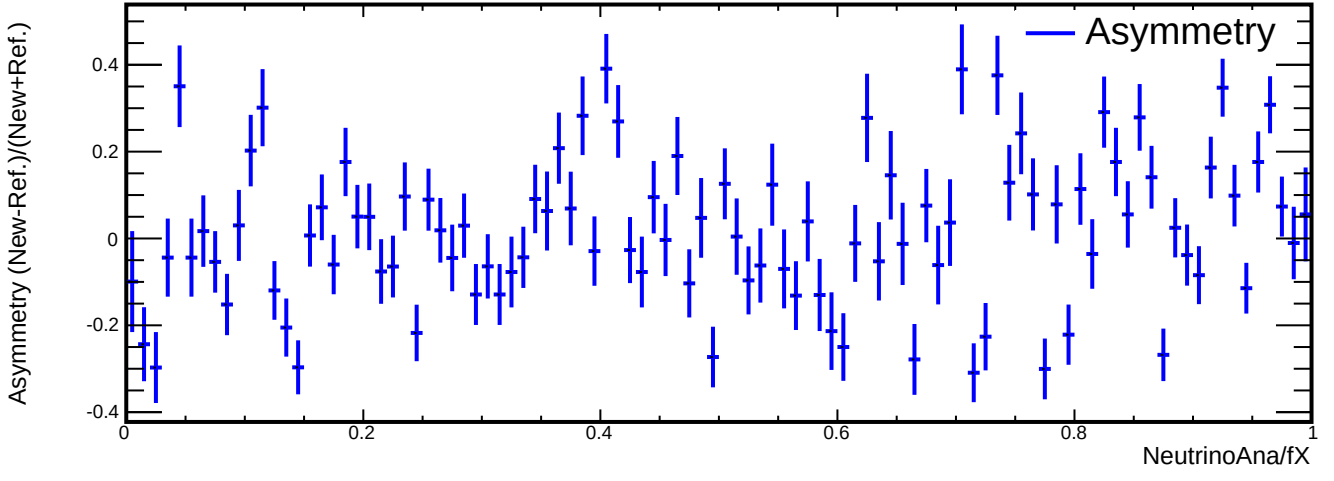

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fEDCosZ

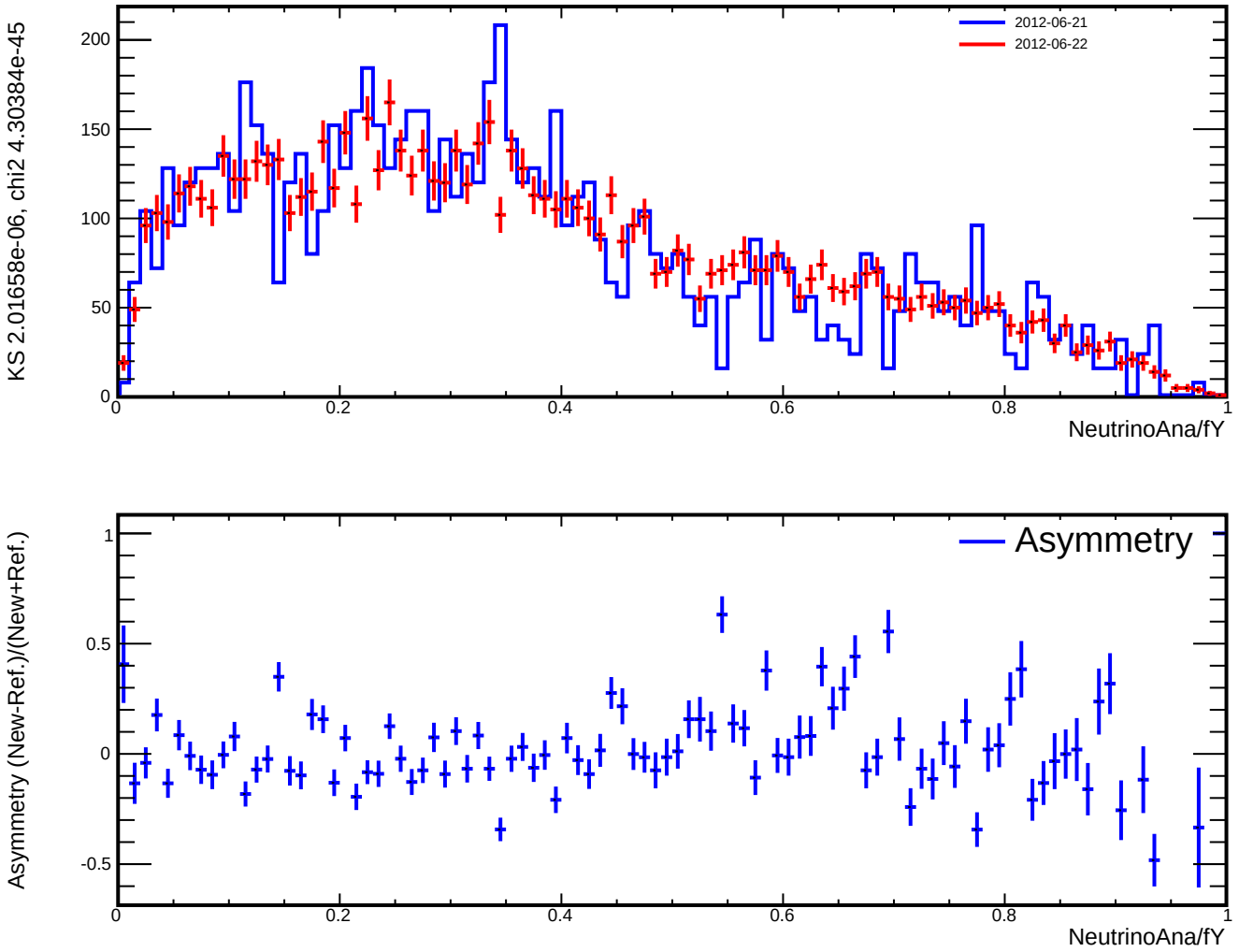

KS 0.00010162, chi2 1.59035e-74
500
400
300
200
100
0
-4
-2
0
2
4
NeutrinoAna/fECons
2012-06-21
2012-06-22

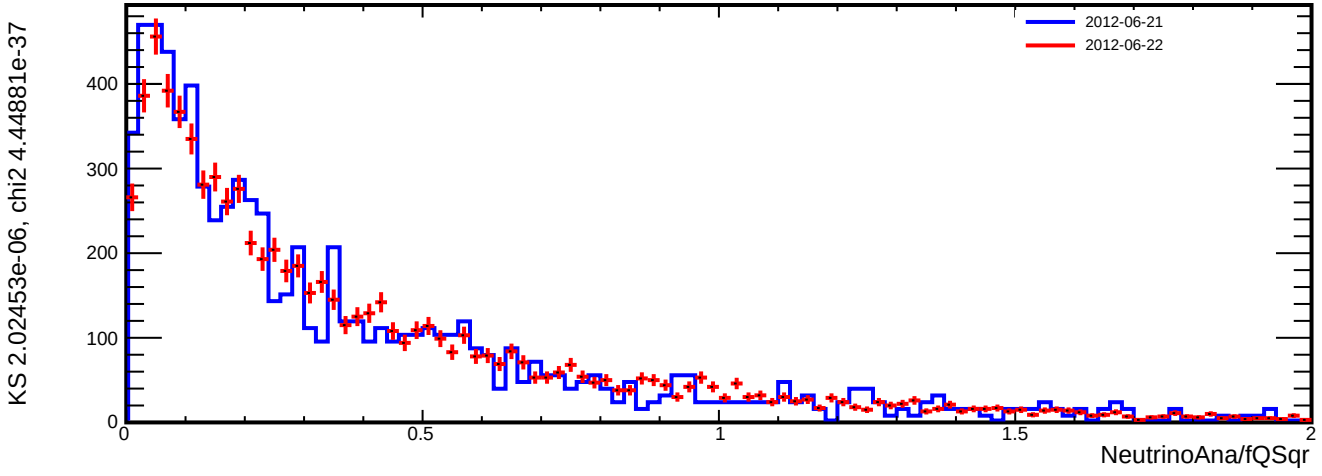

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-4
-2
0
2
4
NeutrinoAna/fECons
Asymmetry

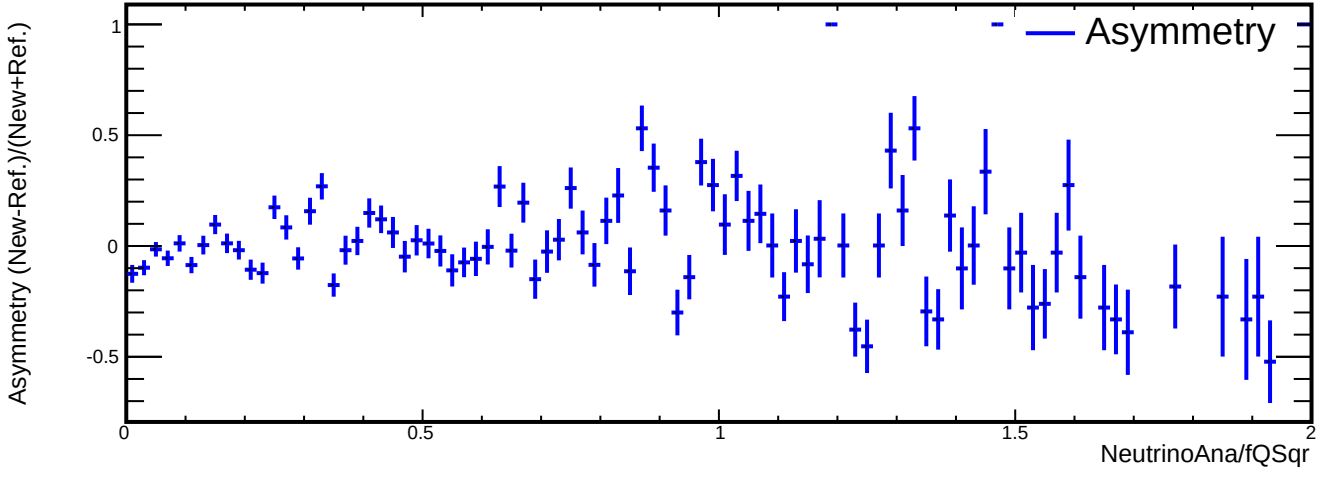

KS 0.441917, chi2 3.23525e-19
2012-06-21
2012-06-22
NeutrinoAna/fW
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fW

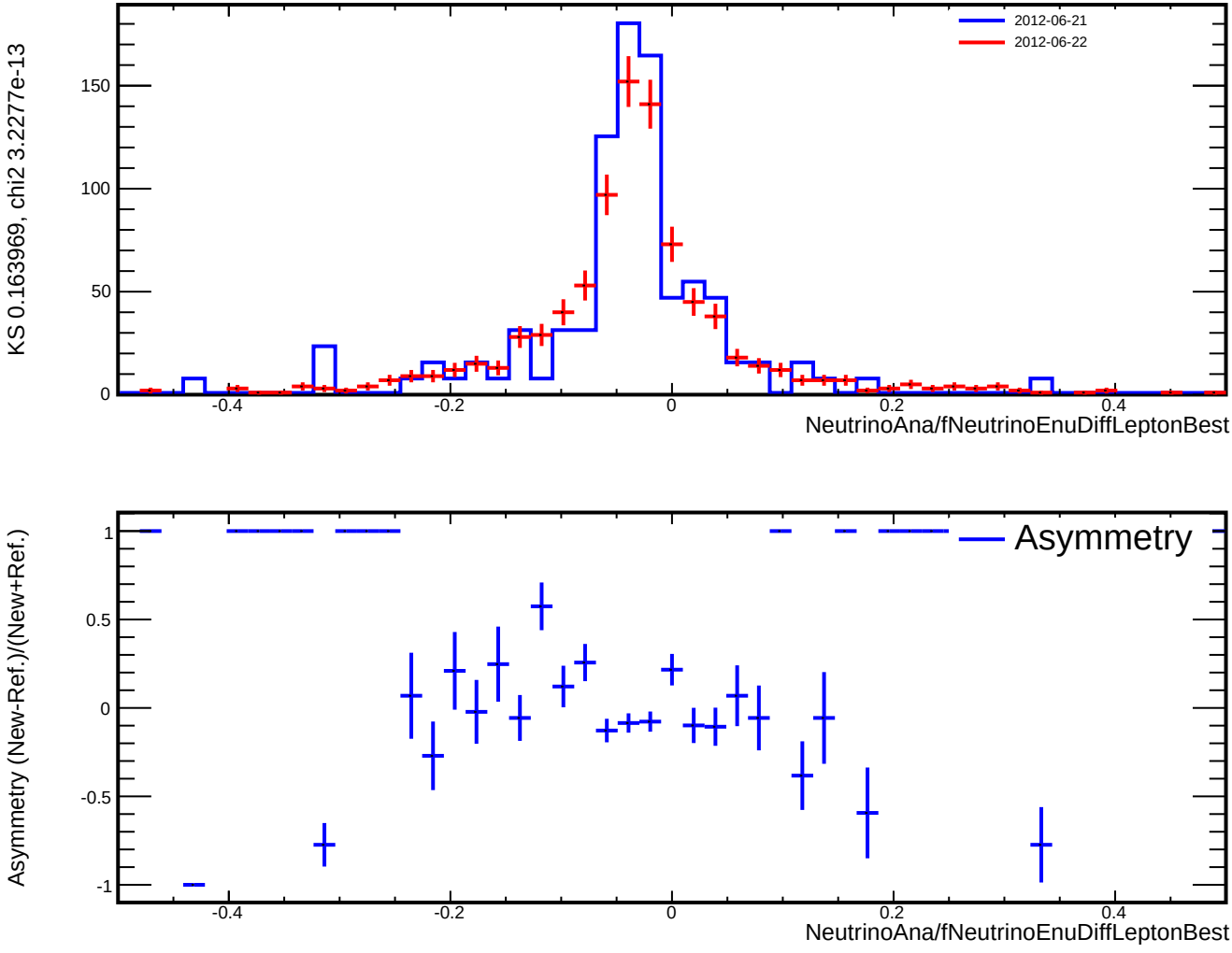

KS 0.000113206, chi2 1.48955e-45
2012-06-21
2012-06-22
150
100
50
0
0.2
0.4
0.6
0.8
1
NeutrinoAna/fX

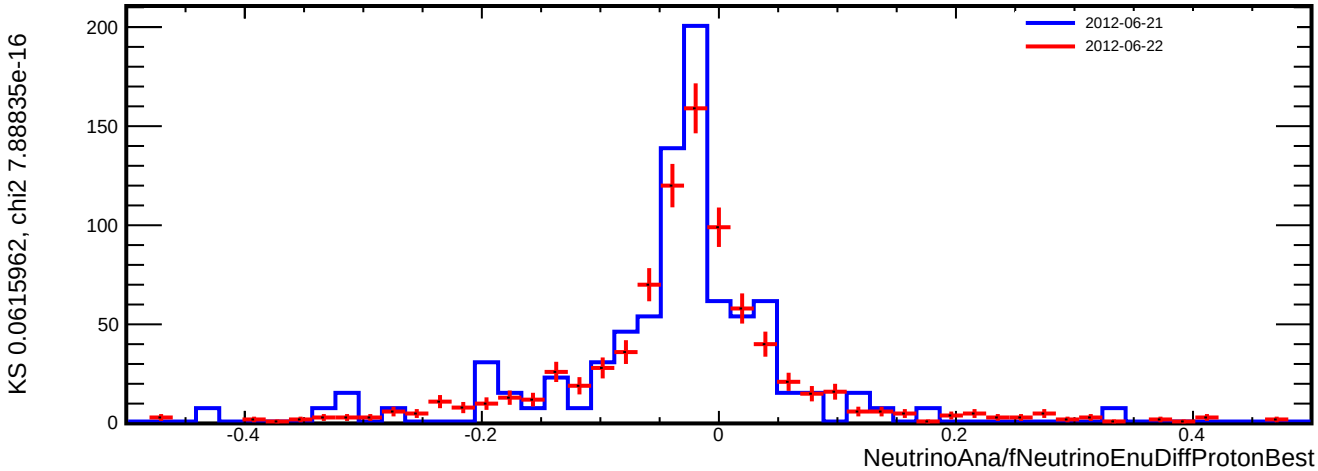

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.4
0.2
0
-0.2
-0.4
0
0.2
0.4
0.6
0.8
1
NeutrinoAna/fX

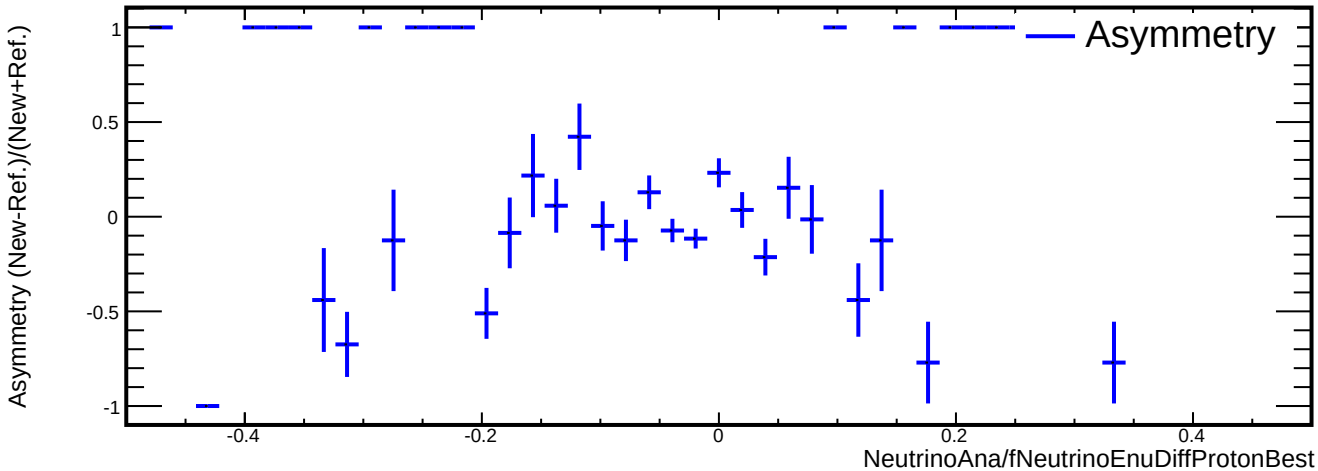

KS 2.01658e-06, chi2 4.30384e-45
2012-06-21
2012-06-22
NeutrinoAna/fY
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fY

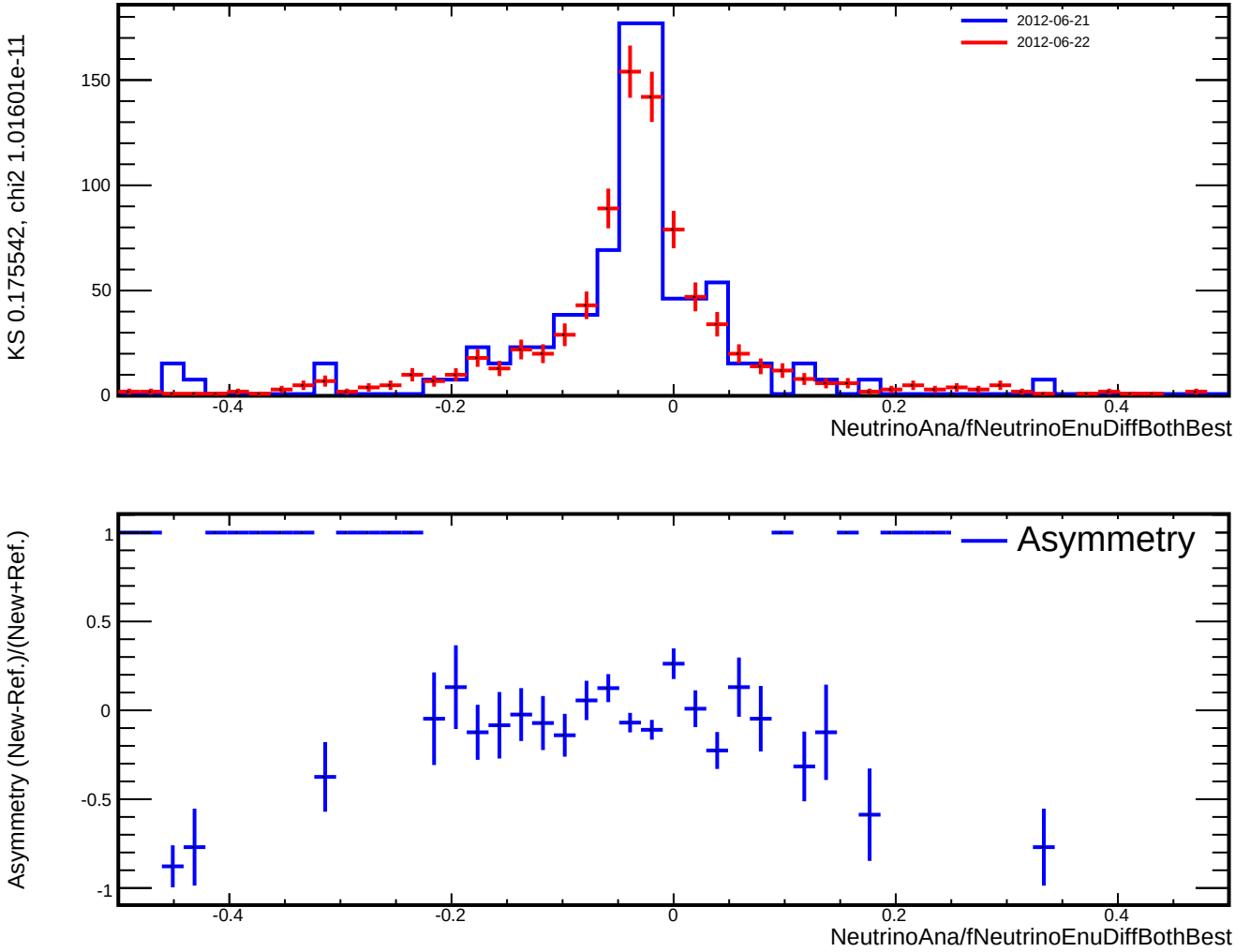

KS 2.02453e-06, chi2 4.44881e-37
2012-06-21
2012-06-22
400
300
200
100
0
0
0.5
1
1.5
2
NeutrinoAna/fQSqr

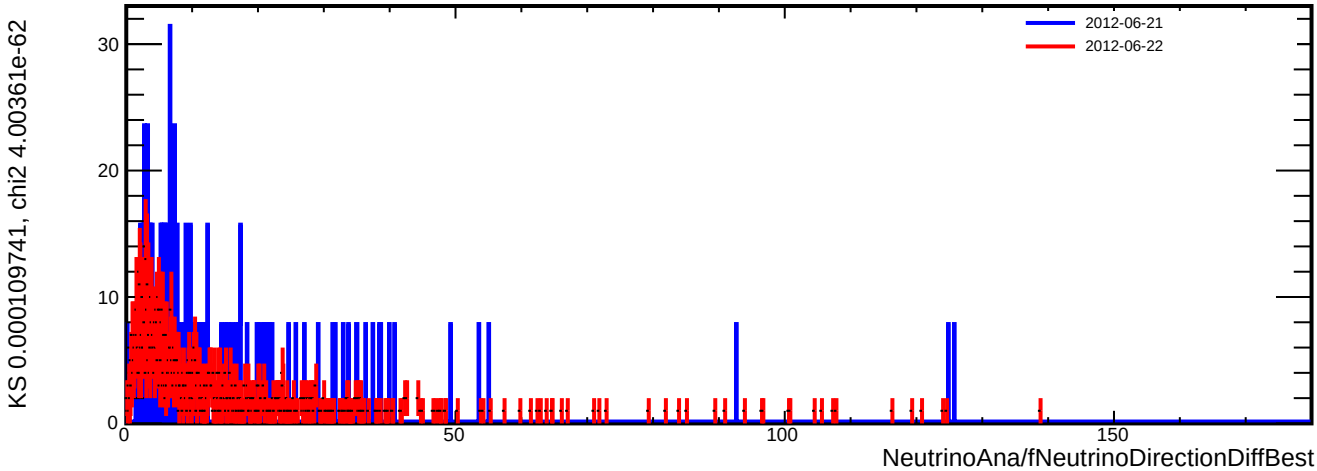

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
0
0.5
1
1.5
2
NeutrinoAna/fQSqr

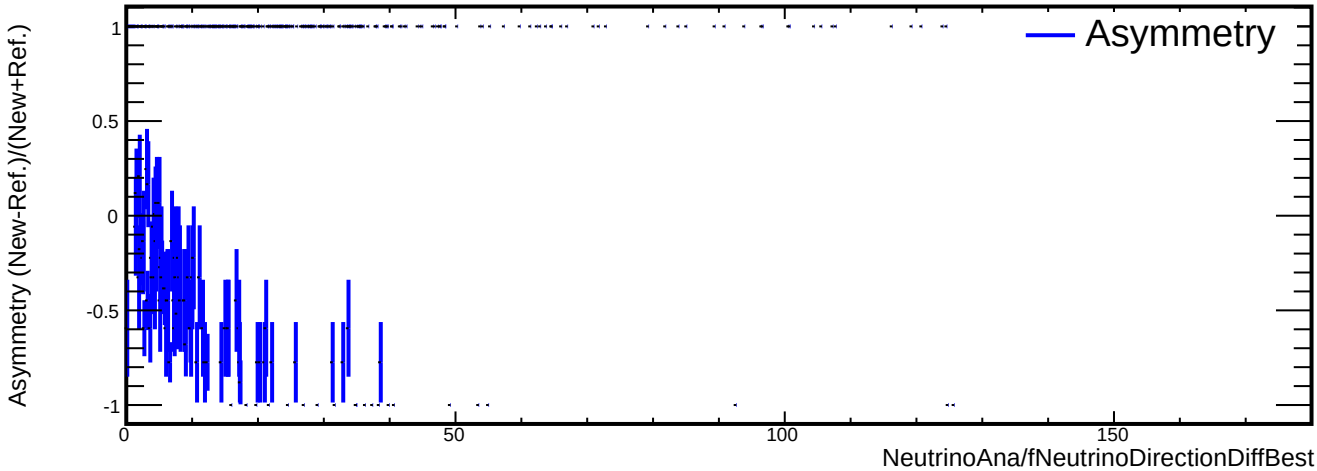

KS 0.163969, chi2 3.2277e-13
2012-06-21
2012-06-22
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffLeptonBest
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffLeptonBest

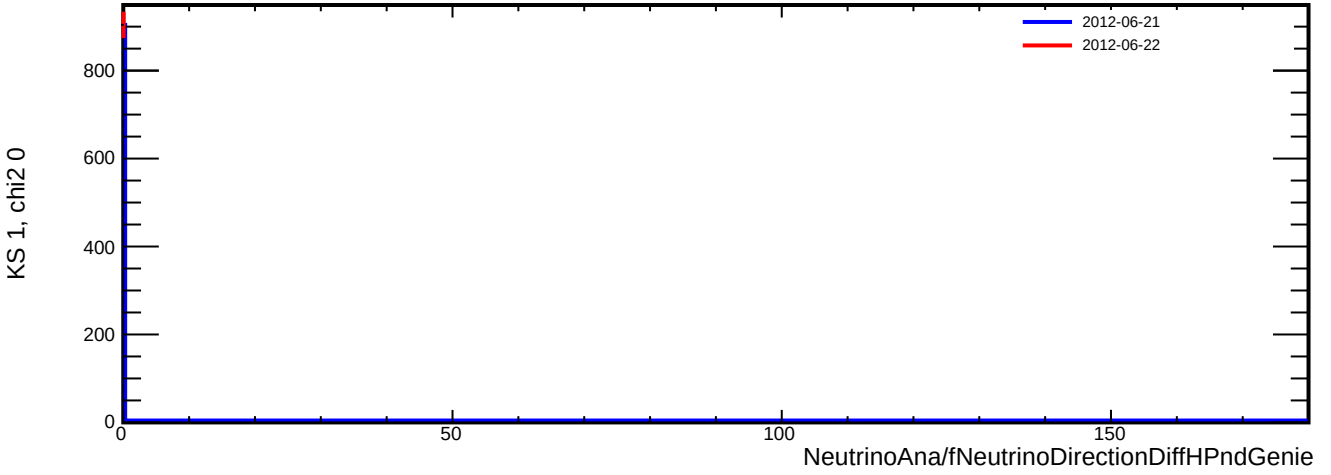

KS 0.0615962, chi2 7.88835e-16
2012-06-21
2012-06-22
200
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

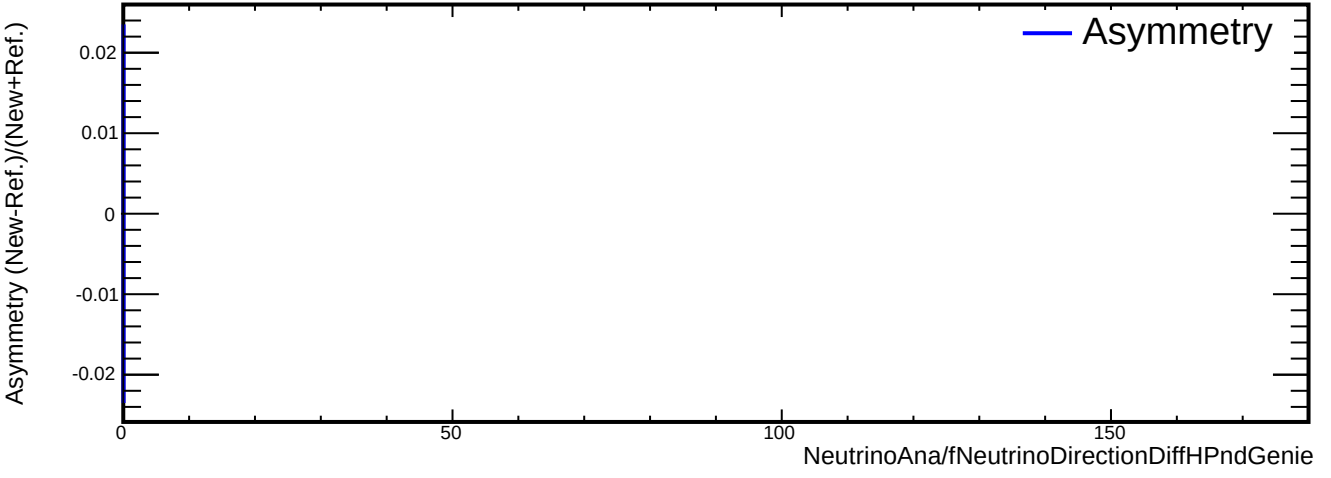

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

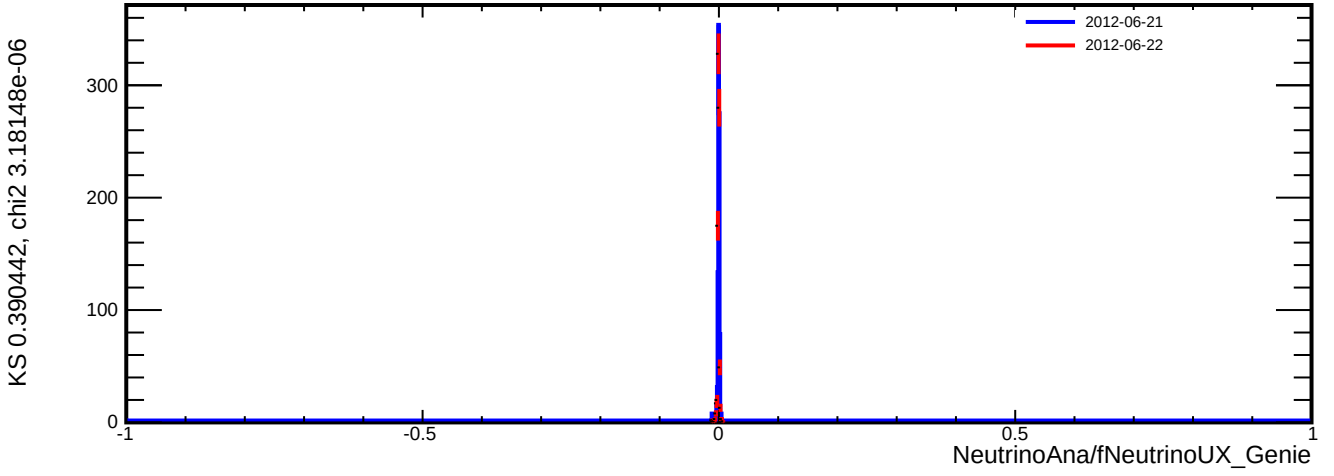

KS 0.175542, chi2 1.01601e-11
2012-06-21
2012-06-22
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest

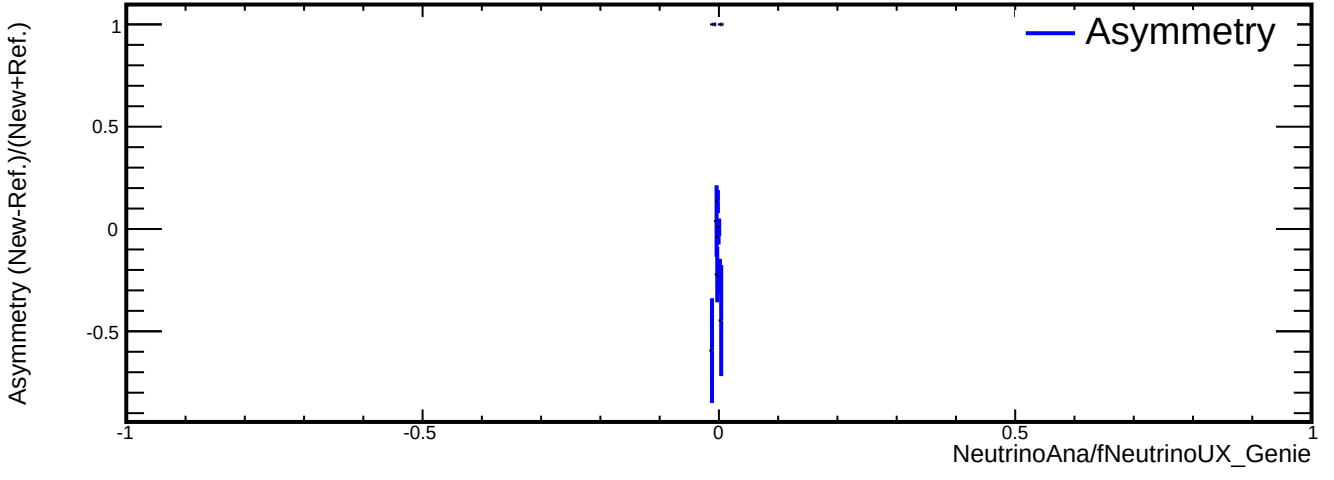

KS 0.000109741, chi2 4.00361e-62
2012-06-21
2012-06-22
0
10
20
30
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffBest

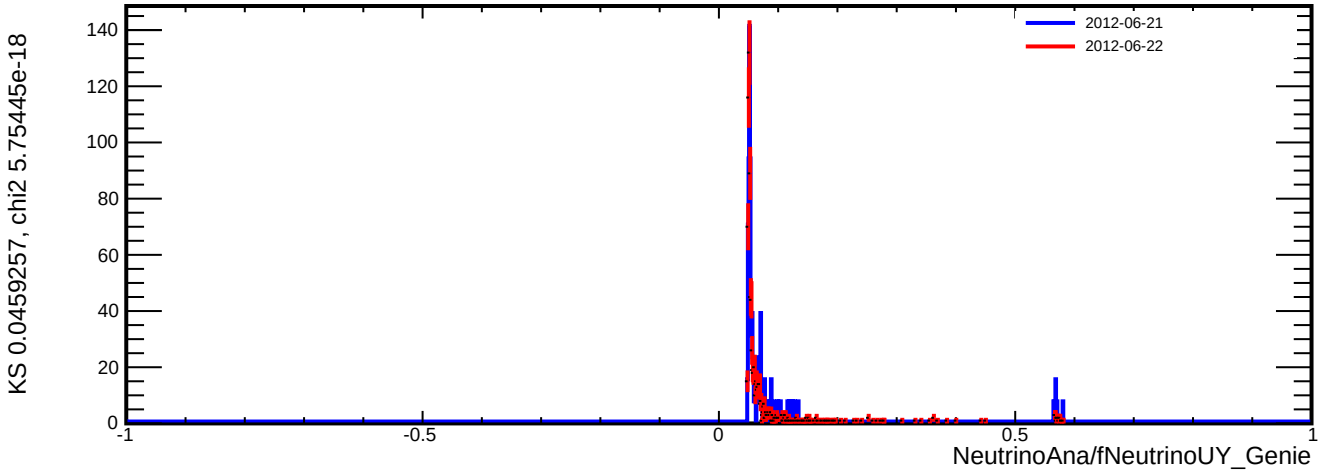

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffBest

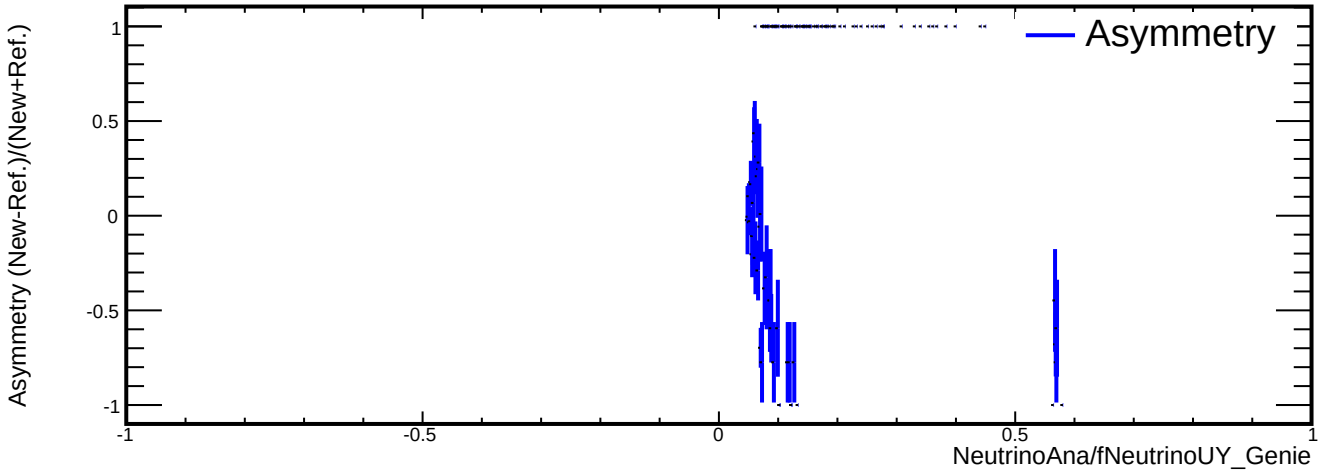

2012-06-21
2012-06-22
KS 1, chi2 0
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

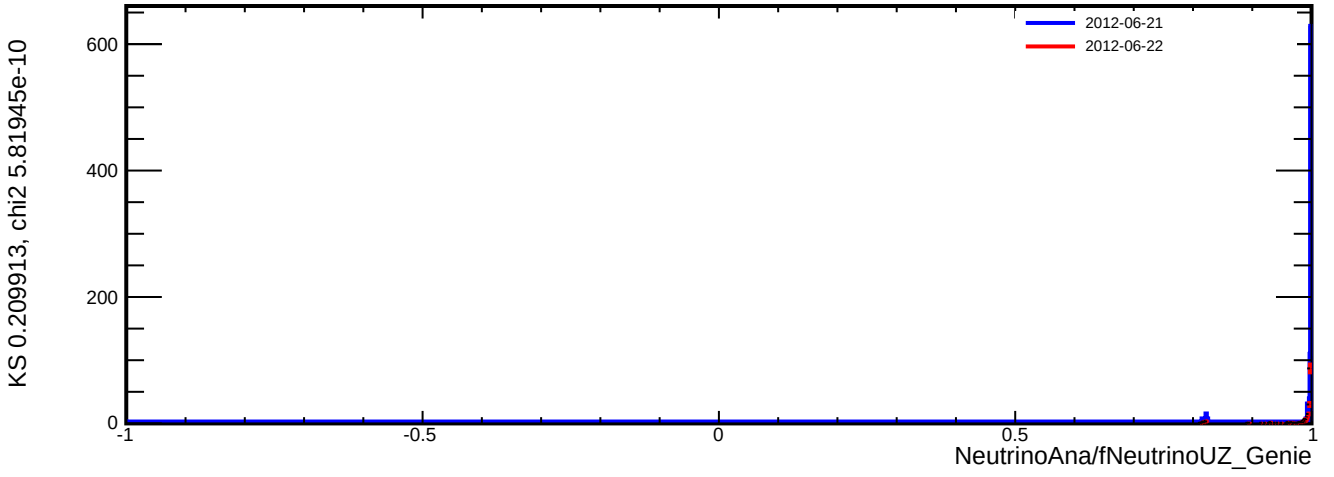

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

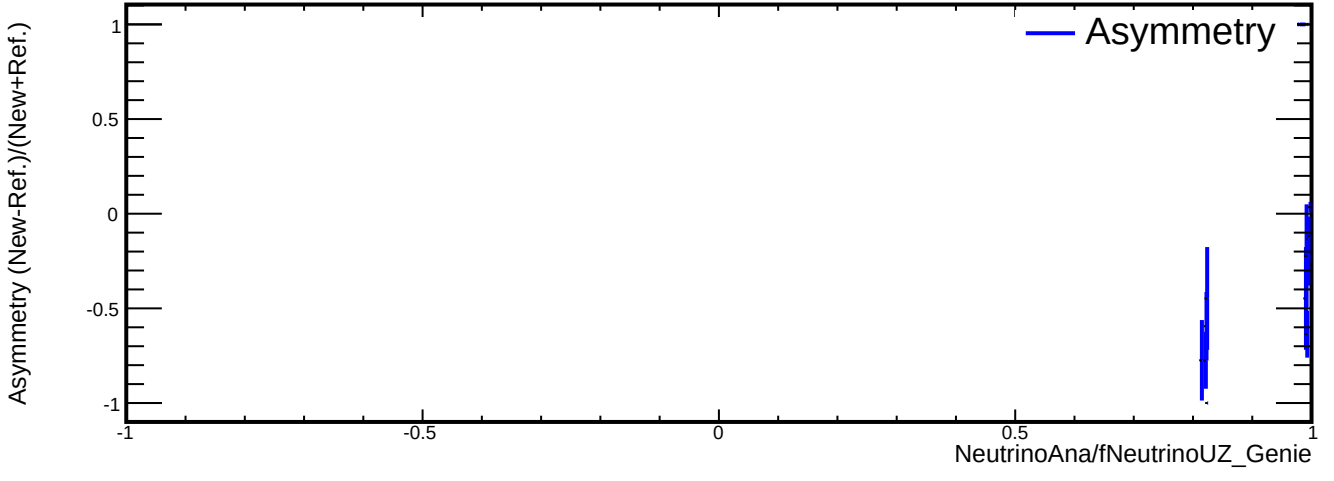

KS 0.390442, chi2 3.18148e-06
2012-06-21
2012-06-22
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

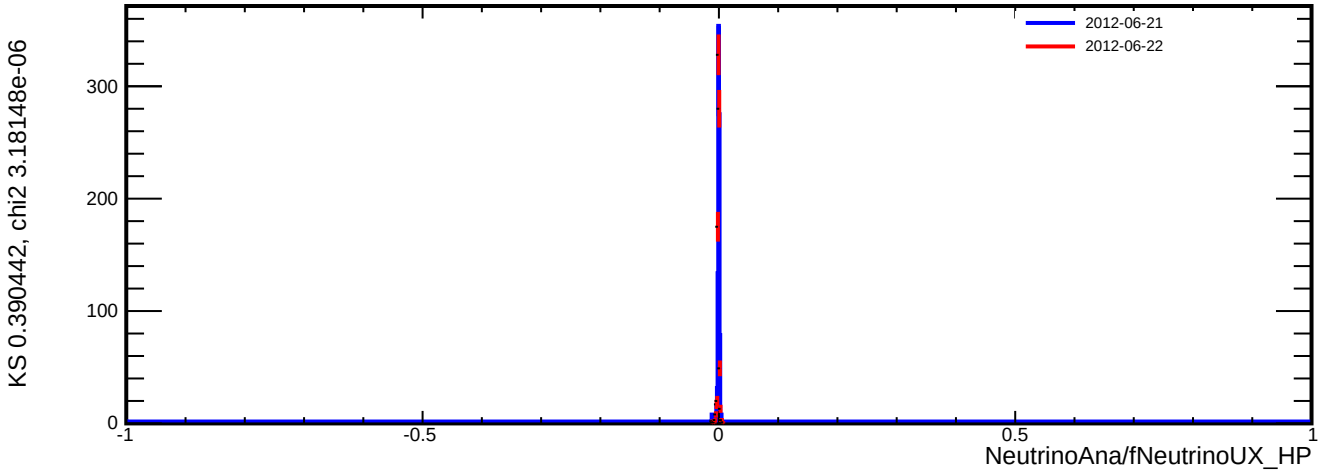

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

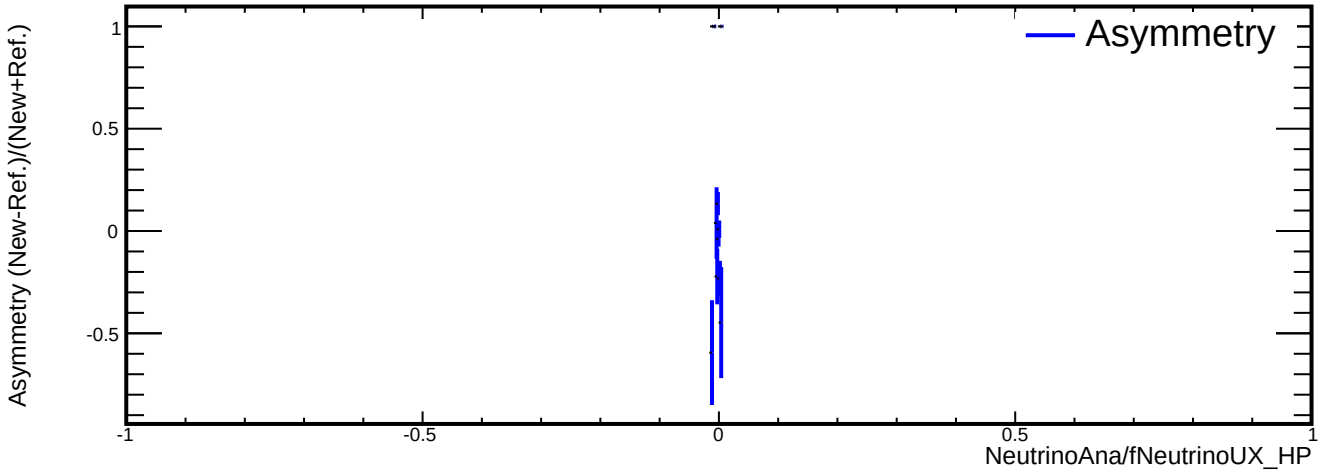

KS 0.0459257, chi2 5.75445e-18
2012-06-21
2012-06-22
NeutrinoAna/fNeutrinoUY_Genie

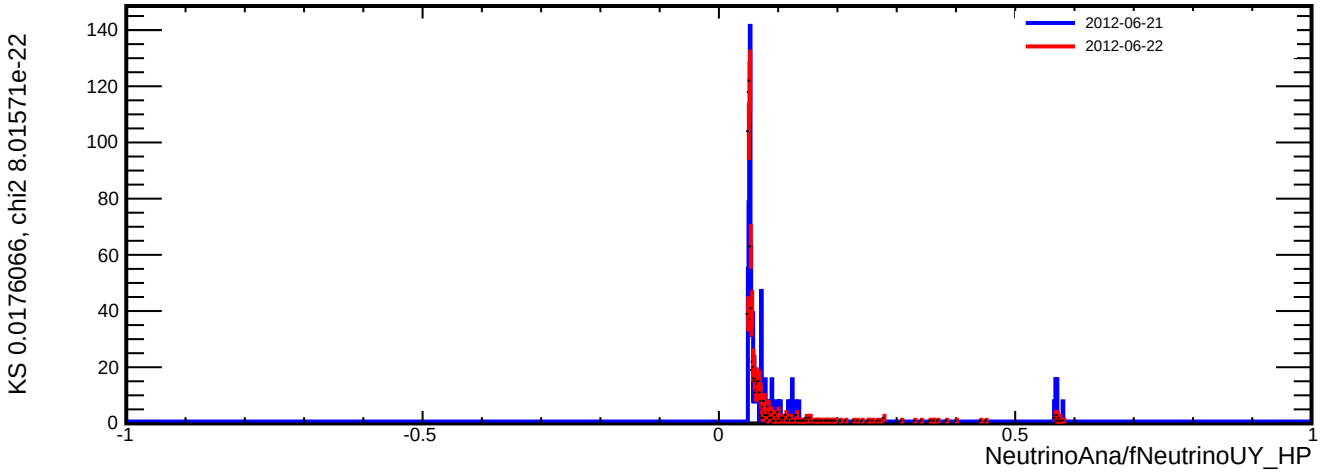

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoUY_Genie

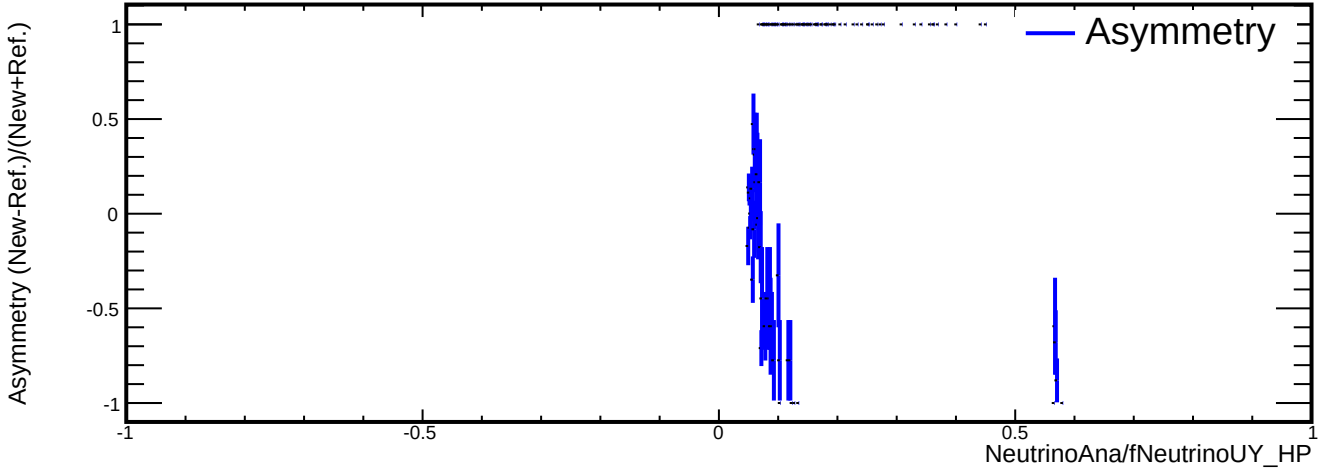

KS 0.209913, chi2 5.81945e-10
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie
2012-06-21
2012-06-22

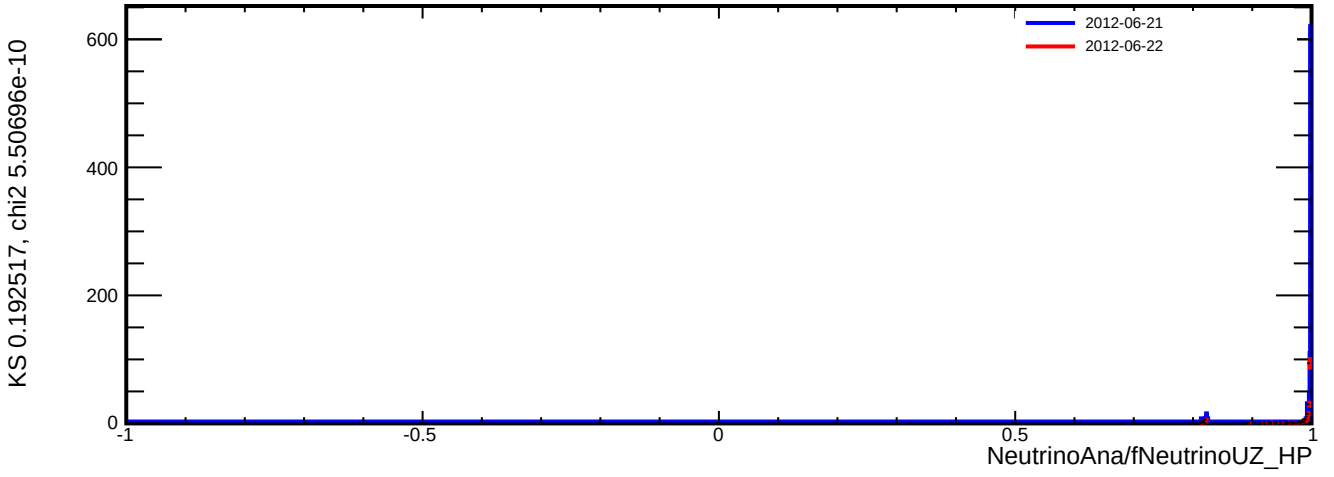

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie
Asymmetry

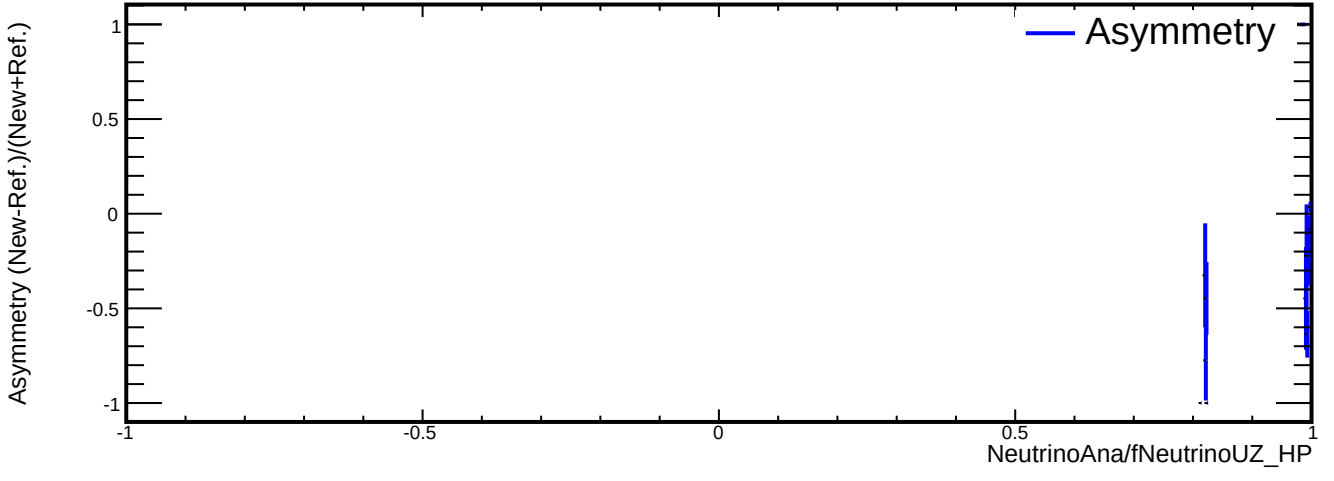

KS 0.390442, chi2 3.18148e-06
2012-06-21
2012-06-22
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

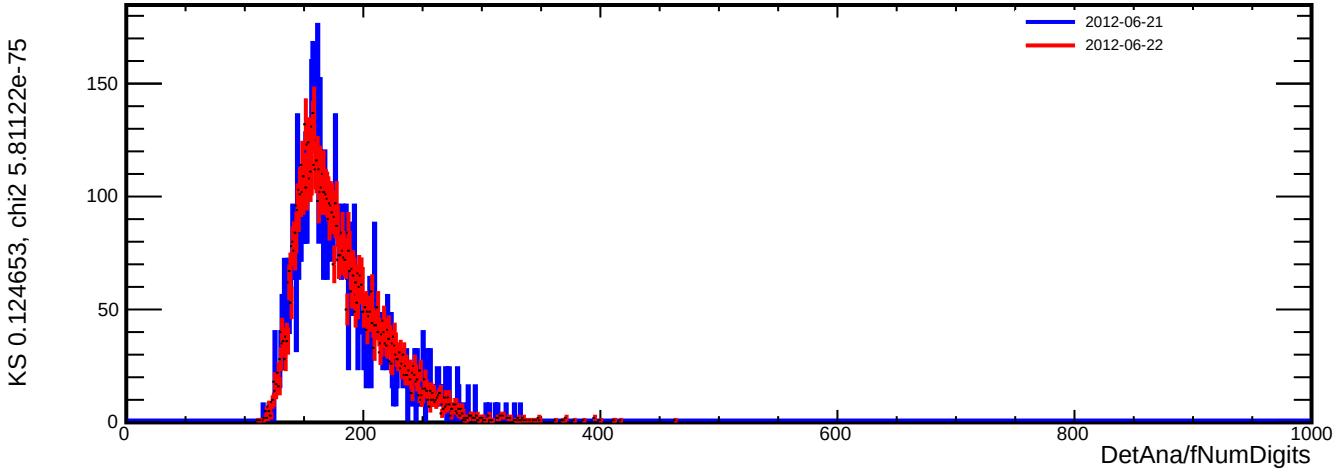

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

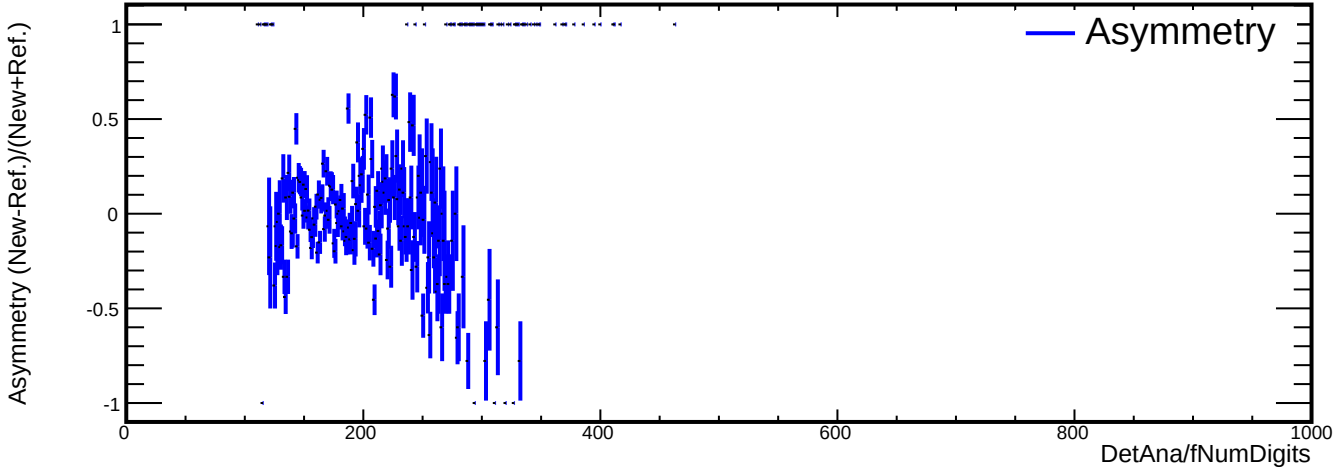

KS 0.0176066, chi2 8.01571e-22
2012-06-21
2012-06-22
NeutrinoAna/fNeutrinoUY_HP

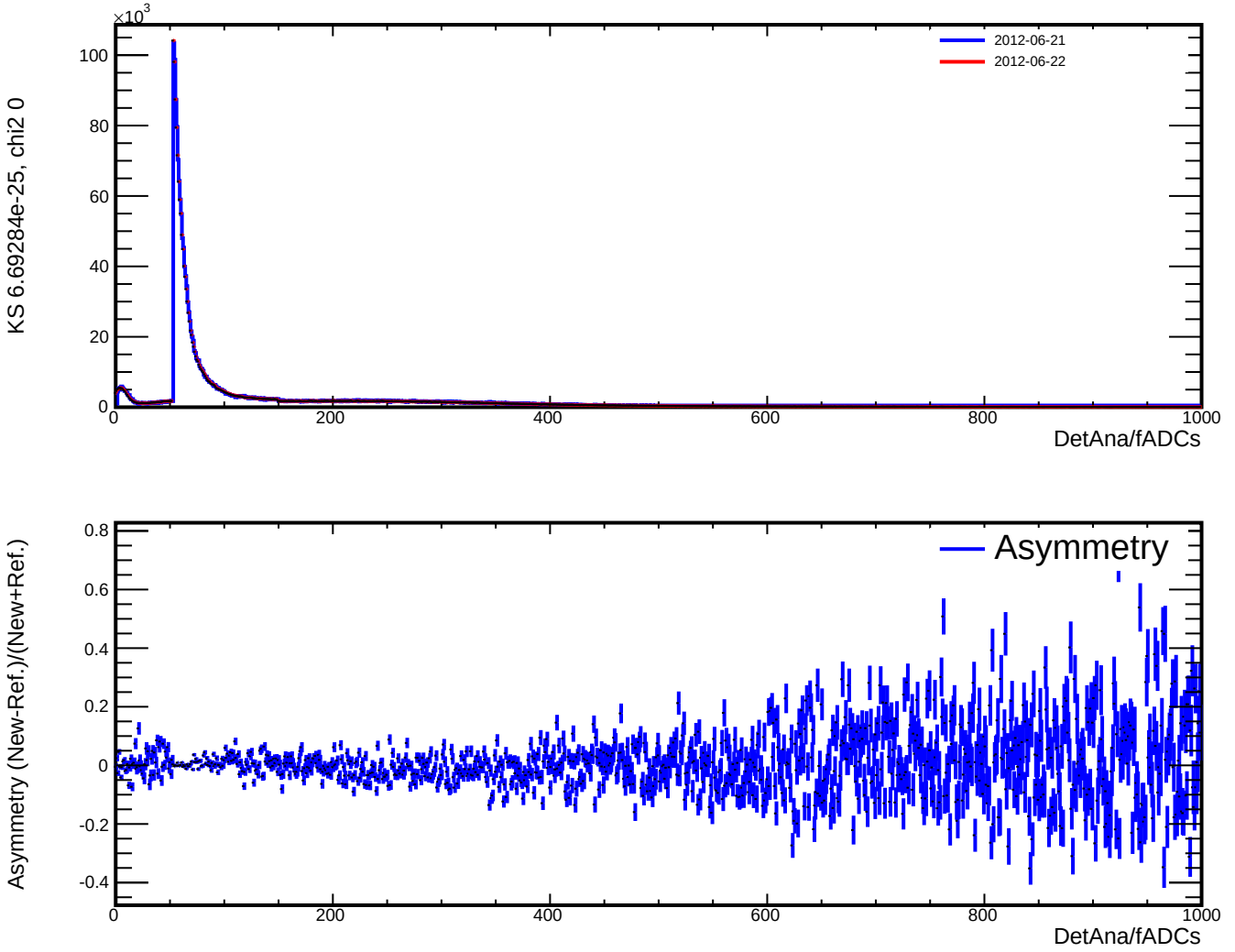

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoUY_HP

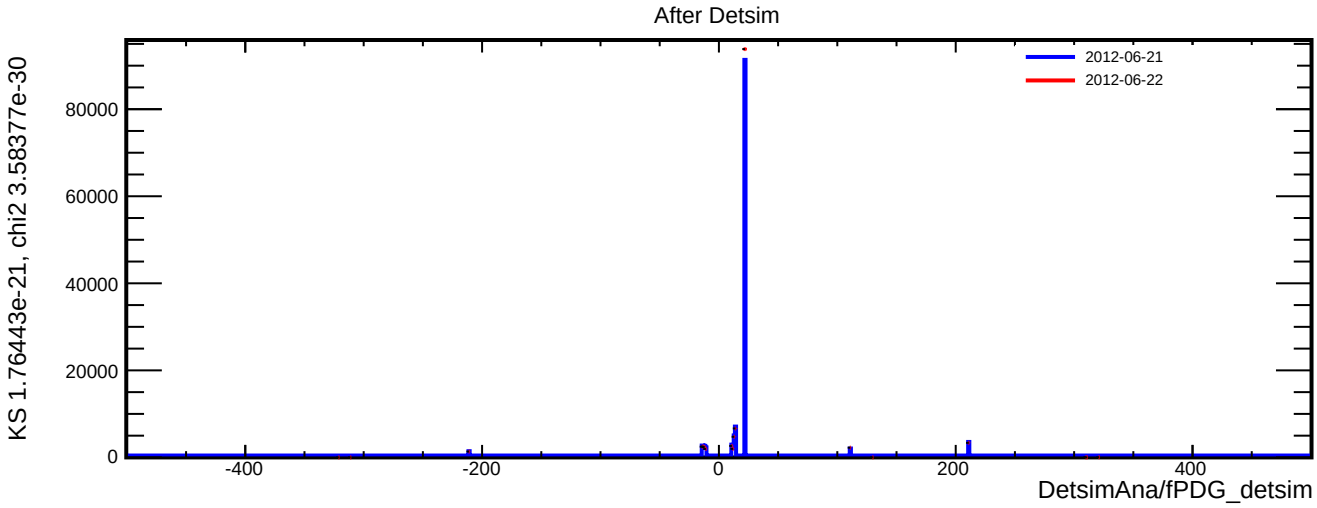

KS 0.192517, chi2 5.50696e-10
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP
2012-06-21
2012-06-22

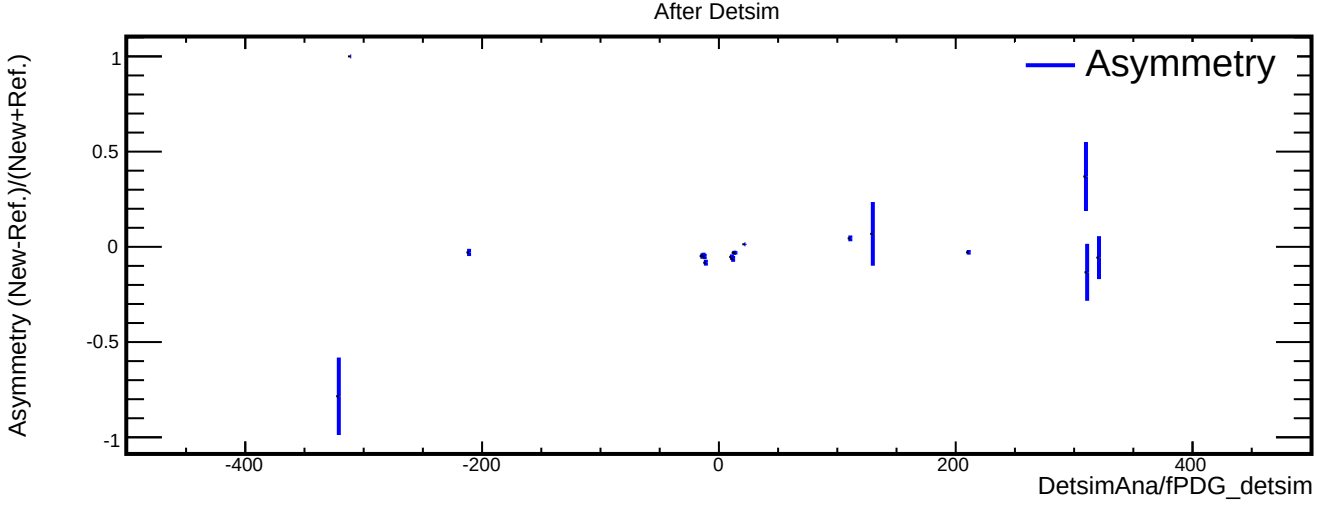

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP
Asymmetry

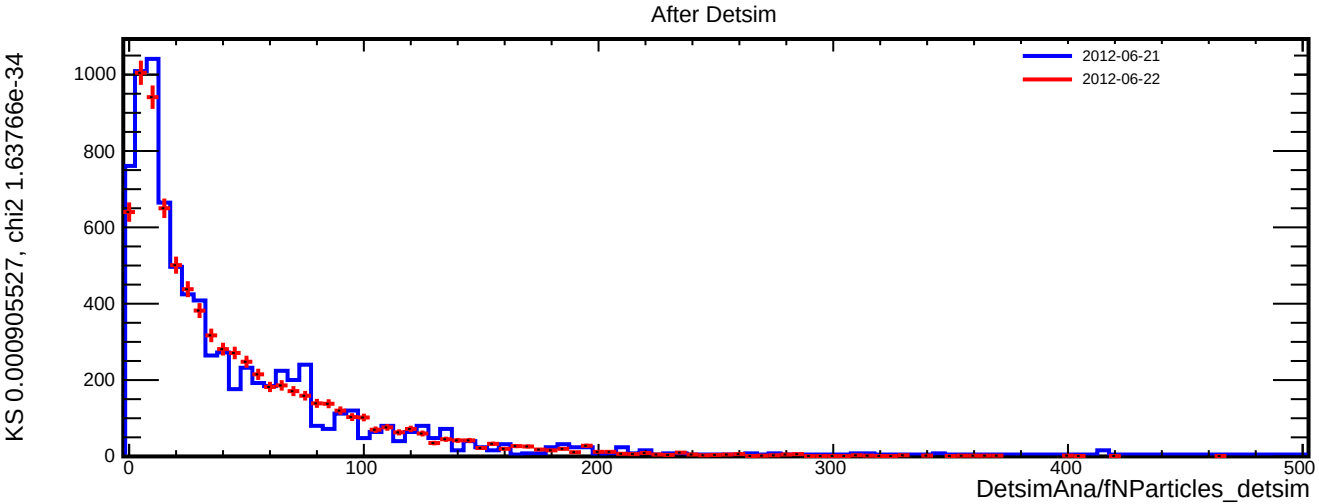

KS 0.124653, chi2 5.81122e-75
2012-06-21
2012-06-22
150
100
50
0
0
200
400
600
800
1000
DetAna/fNumDigits

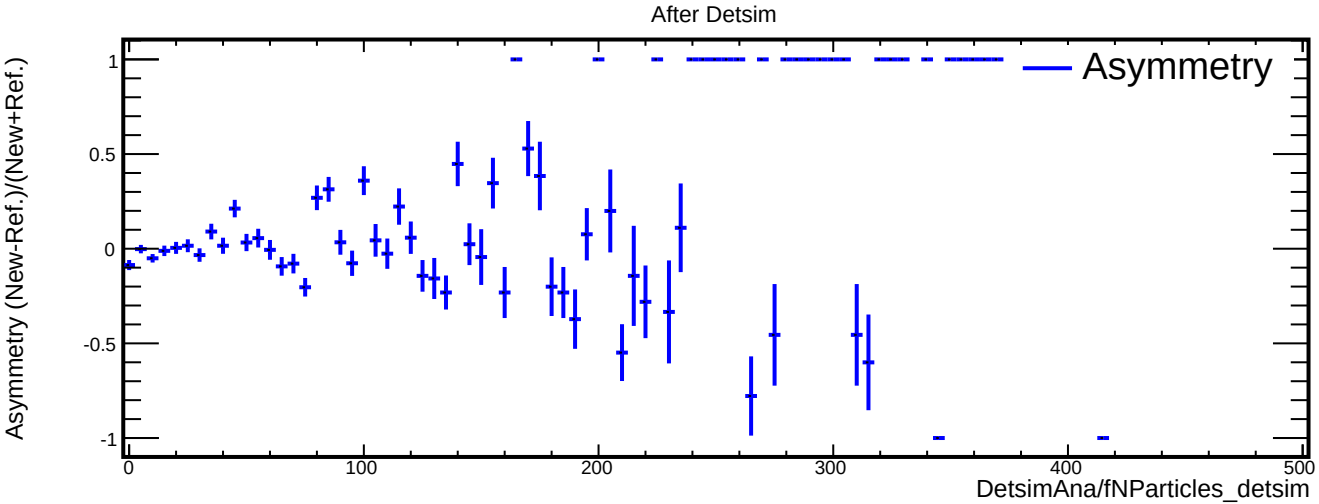

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
DetAna/fNumDigits

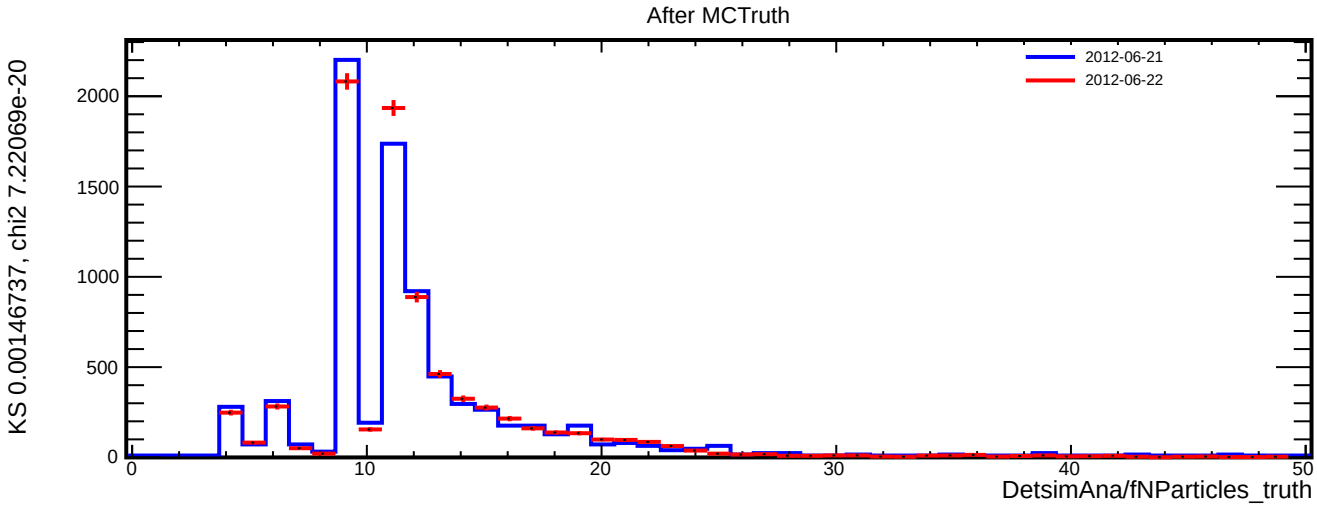

×10^3
100
80
60
40
20
0
KS 6.69284e-25, chi2 0
2012-06-21
2012-06-22
0
200
400
600
800
1000
DetAna/fADCs
0.8
0.6
0.4
0.2
0
-0.2
-0.4
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0
200
400
600
800
1000
DetAna/fADCs

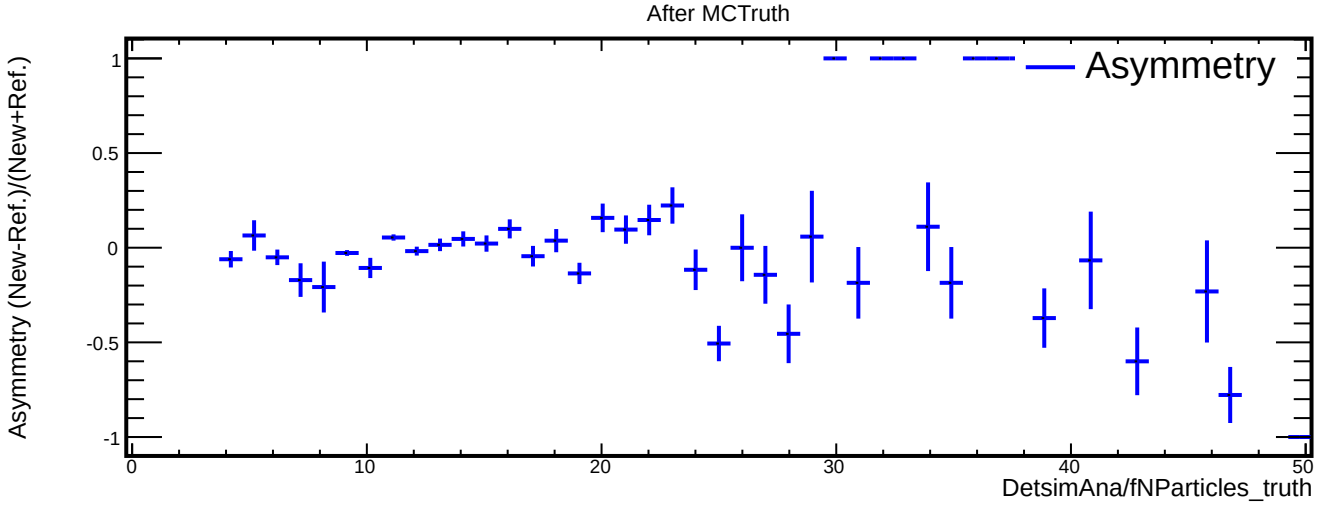

After Detsim
KS 1.76443e-21, chi2 3.58377e-30
2012-06-21
2012-06-22
80000
60000
40000
20000
0
-400
-200
0
200
400
DetsimAna/fPDG_detsim

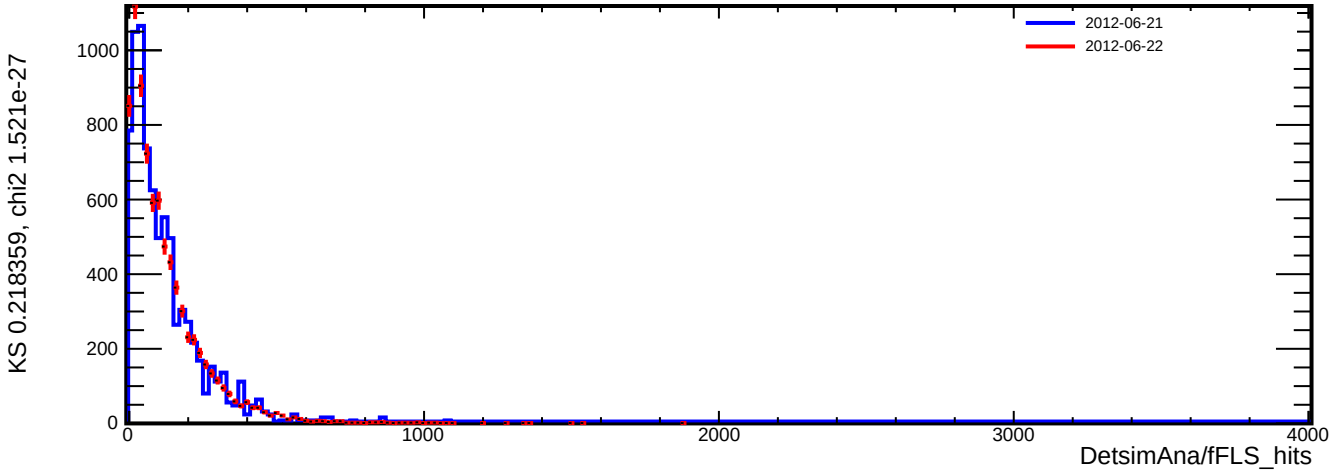

After Detsim
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-400
-200
0
200
400
DetsimAna/fPDG_detsim

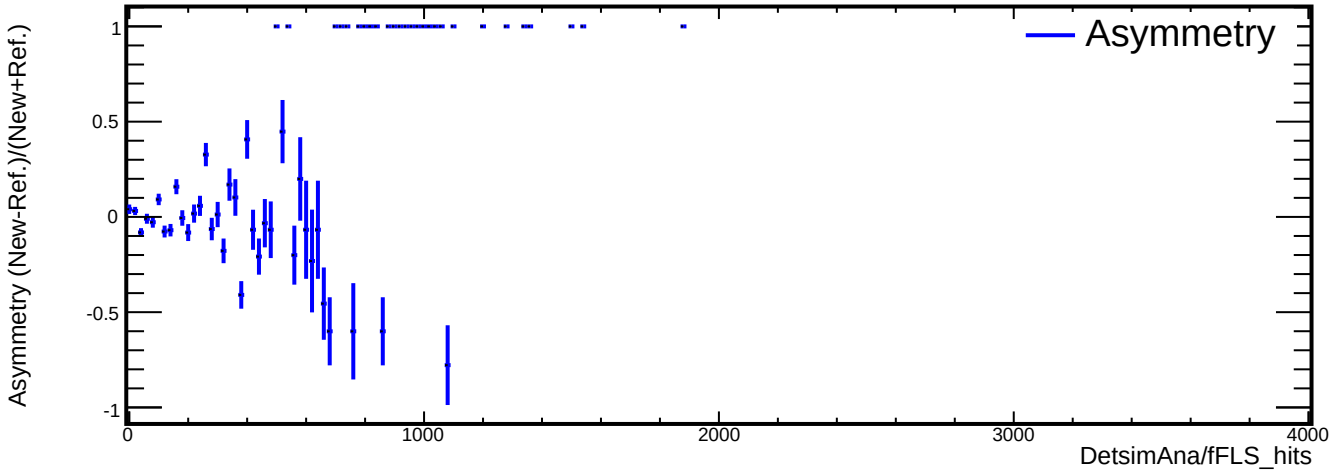

After Detsim
KS 0.000905527, chi2 1.63766e-34
2012-06-21
2012-06-22
1000
800
600
400
200
0
0
100
200
300
400
500
DetsimAna/fNParticles_detsim

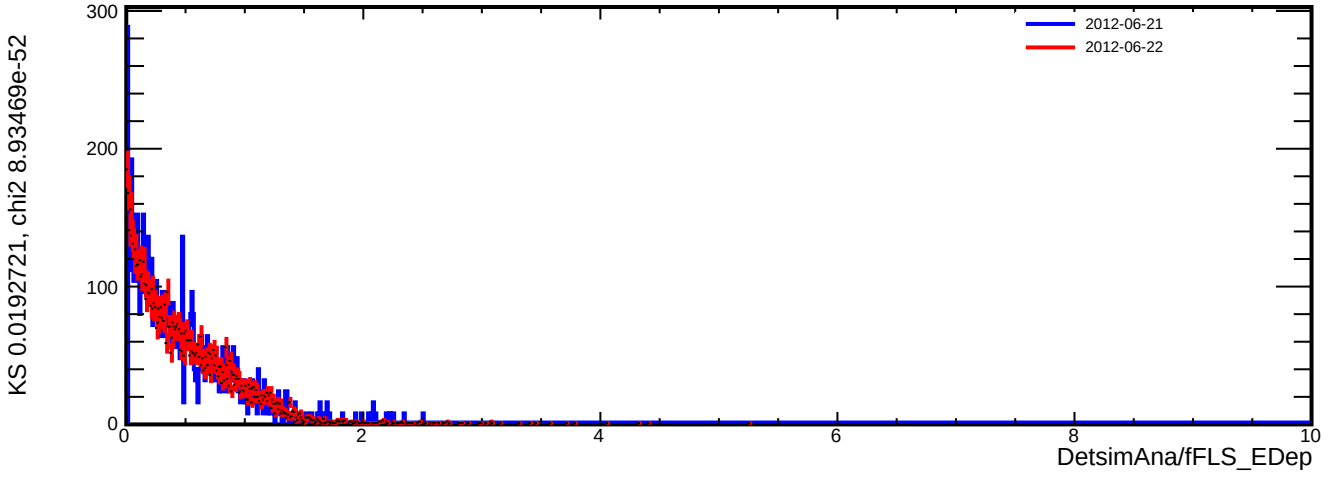

After Detsim
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
100
200
300
400
500
DetsimAna/fNParticles_detsim

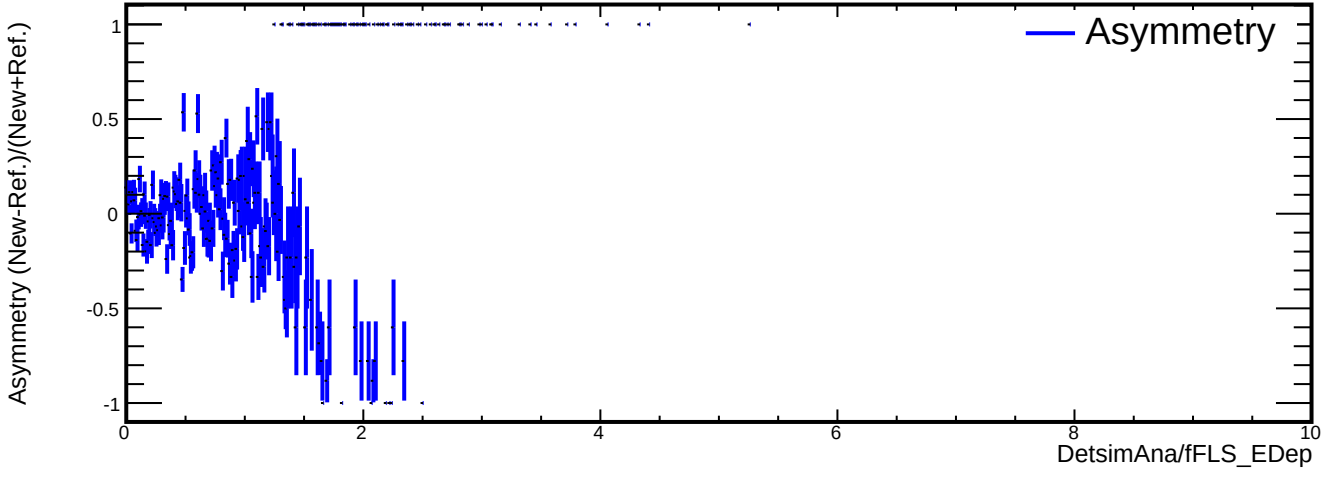

After MCTruth
KS 0.00146737, chi2 7.22069e-20
2012-06-21
2012-06-22
2000
1500
1000
500
0
0
10
20
30
40
50
DetsimAna/fNParticles_truth

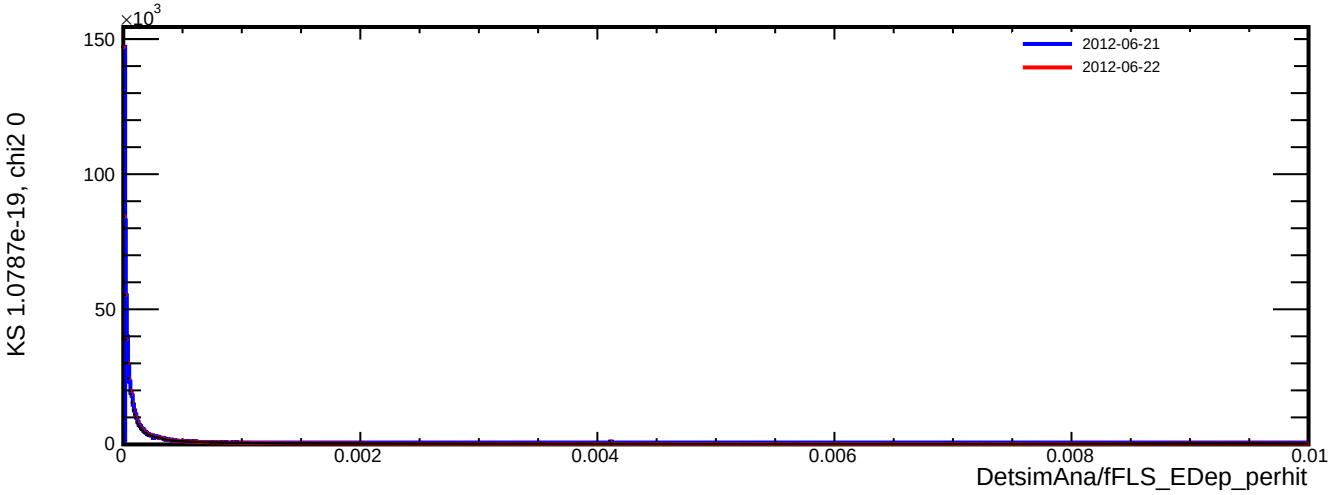

After MCTruth
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
10
20
30
40
50
DetsimAna/fNParticles_truth

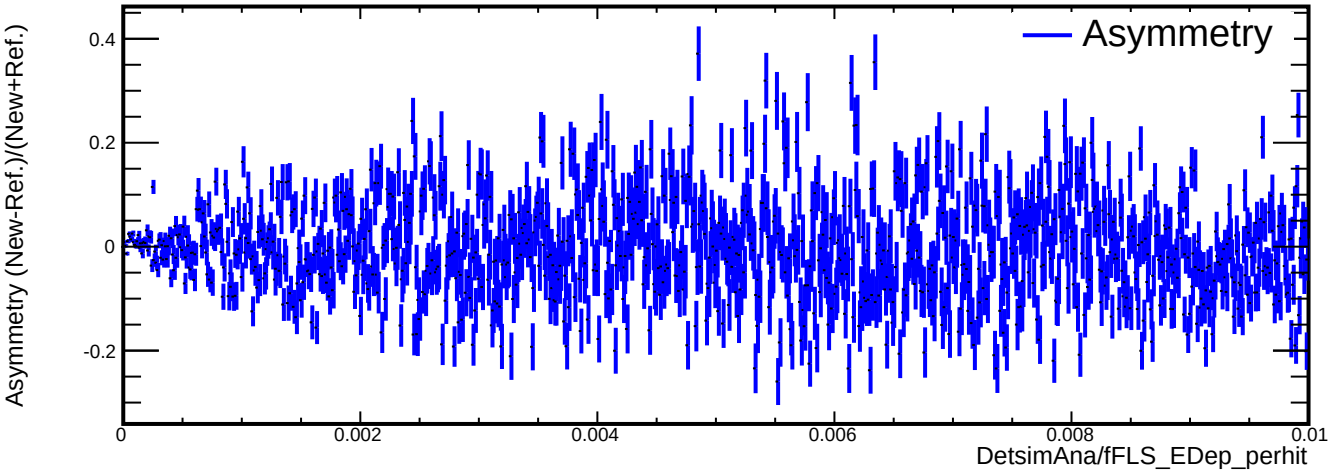

KS 0.218359, chi2 1.521e-27
2012-06-21
2012-06-22
1000
800
600
400
200
0
0
1000
2000
3000
4000
DetsimAna/fFLS_hits

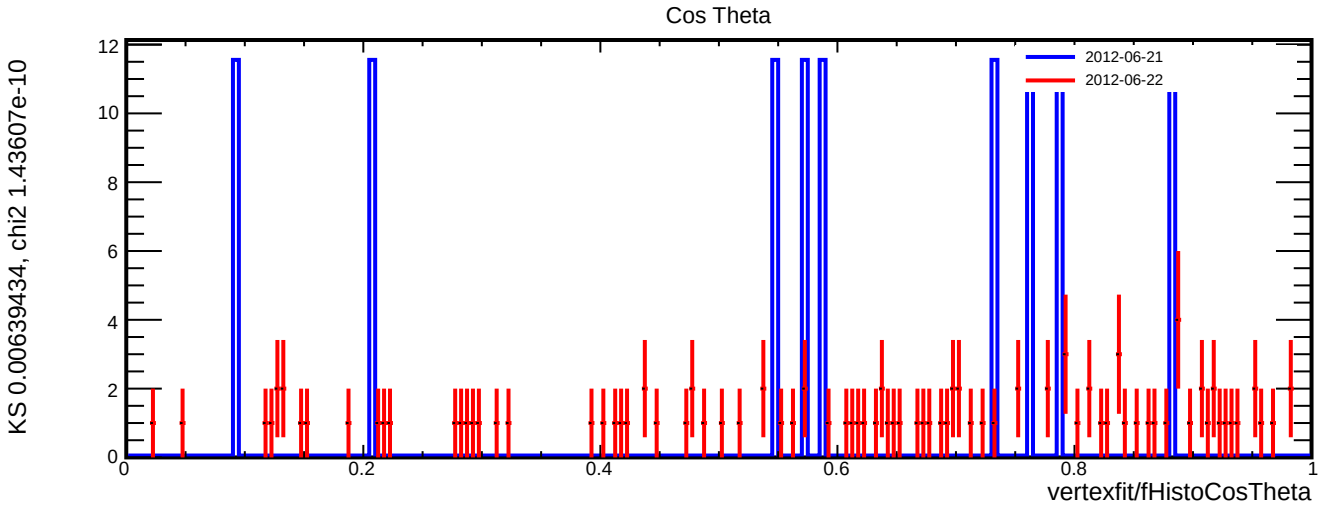

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1000
2000
3000
4000
DetsimAna/fFLS_hits

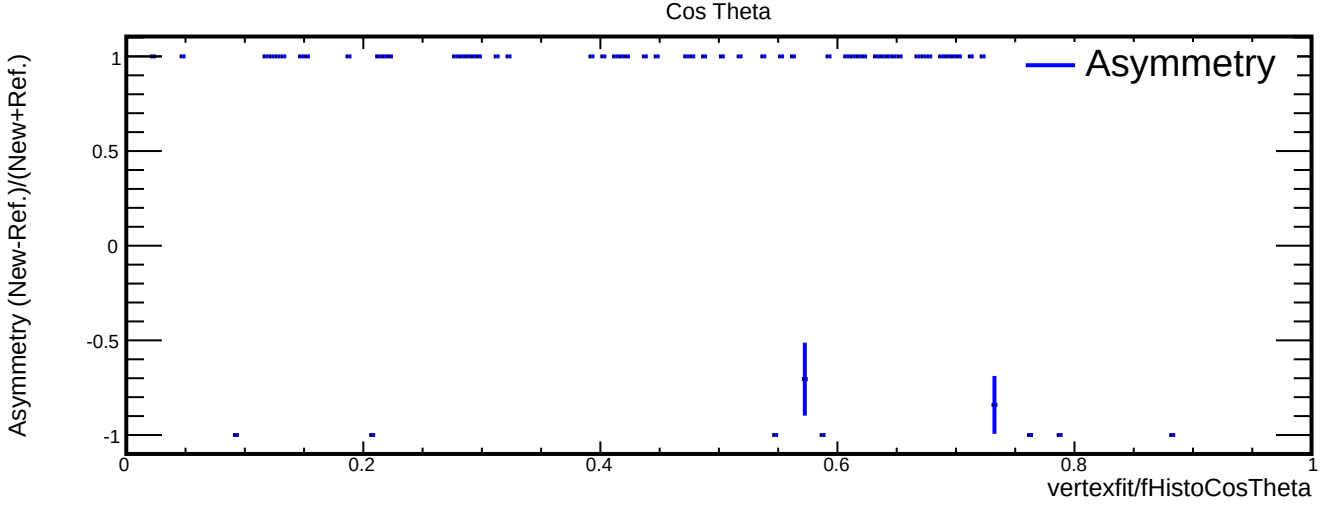

KS 0.0192721, chi2 8.93469e-52
300
200
100
0
0
2
4
6
8
10
DetsimAna/fFLS_EDep
2012-06-21
2012-06-22

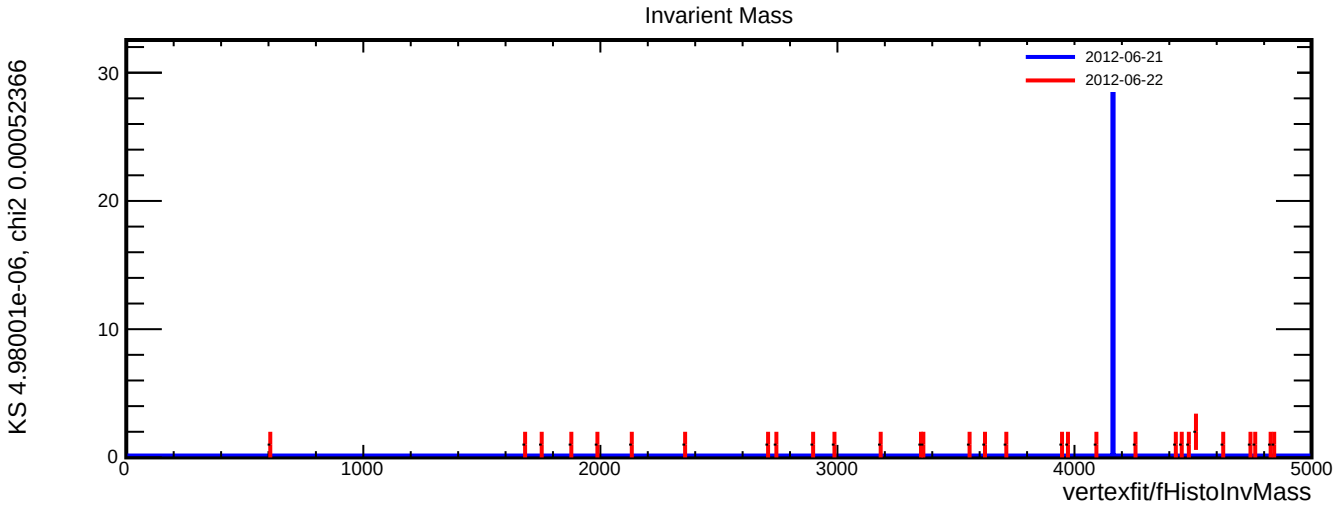

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
2
4
6
8
10
DetsimAna/fFLS_EDep
Asymmetry

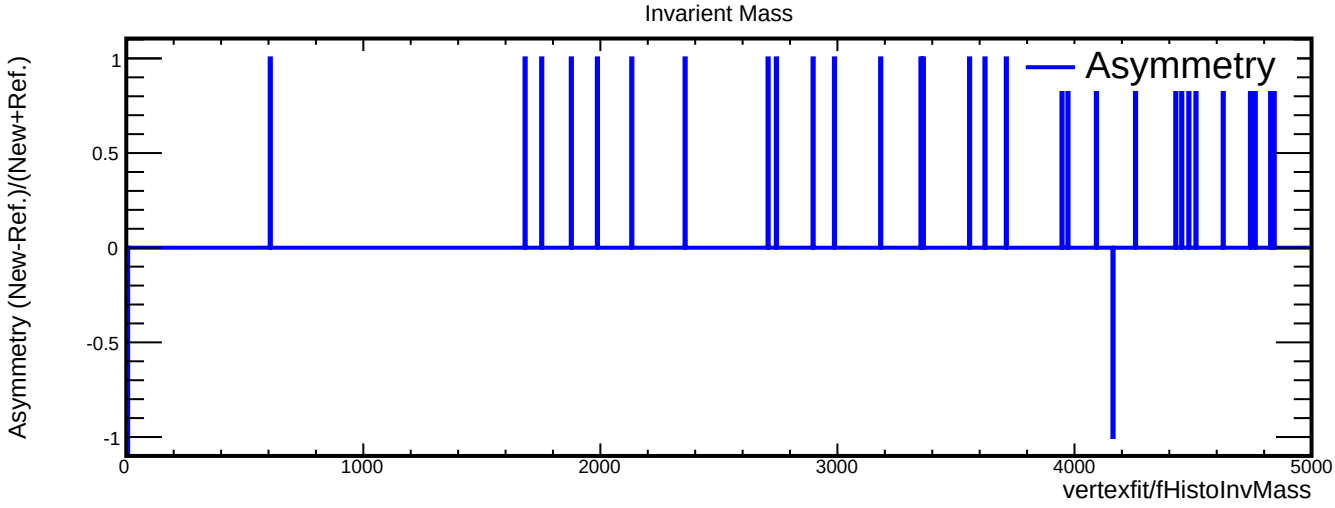

×10^3
150
100
50
0
KS 1.0787e-19, chi2 0
2012-06-21
2012-06-22
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit

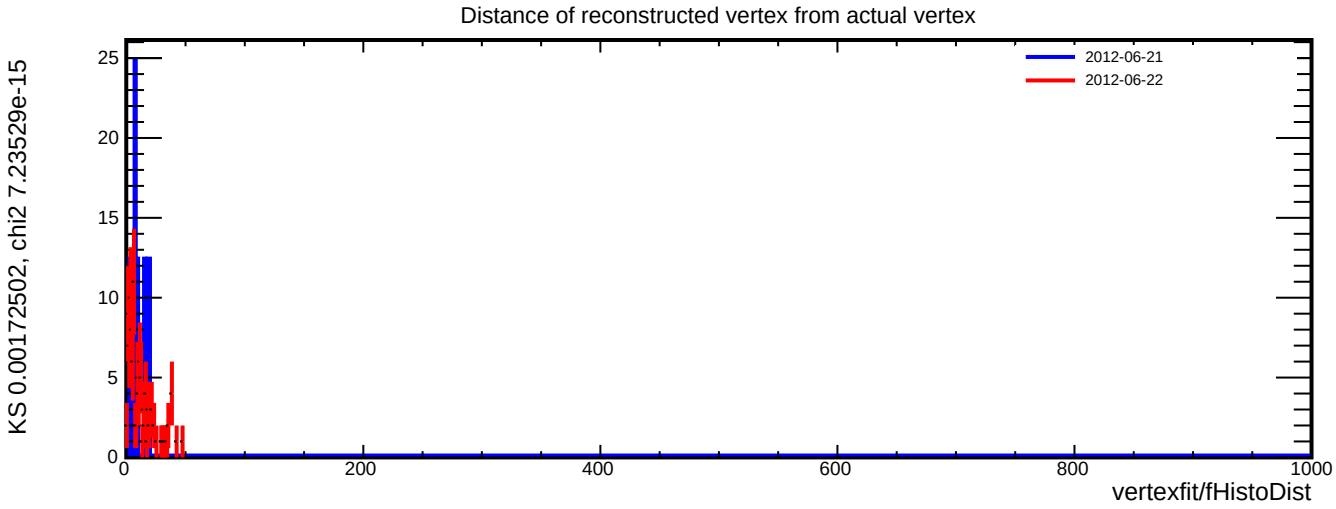

Asymmetry
0.4
0.2
0
-0.2
Asymmetry (New-Ref.)/(New+Ref.)
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit

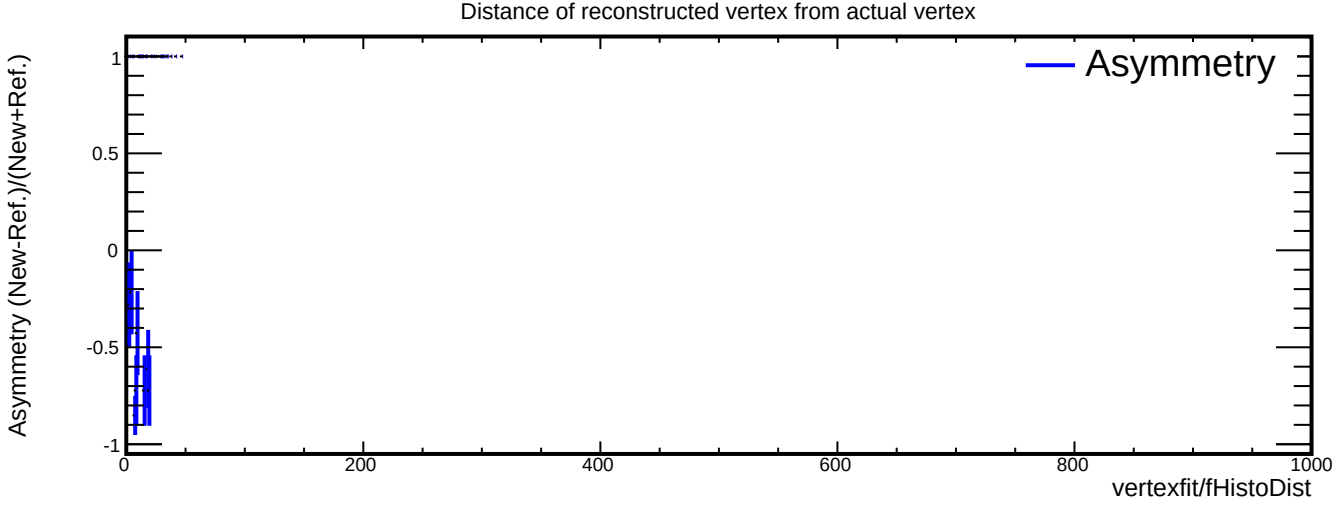

Cos Theta
KS 0.00639434, chi2 1.43607e-10
2012-06-21
2012-06-22
vertexfit/fHistoCosTheta

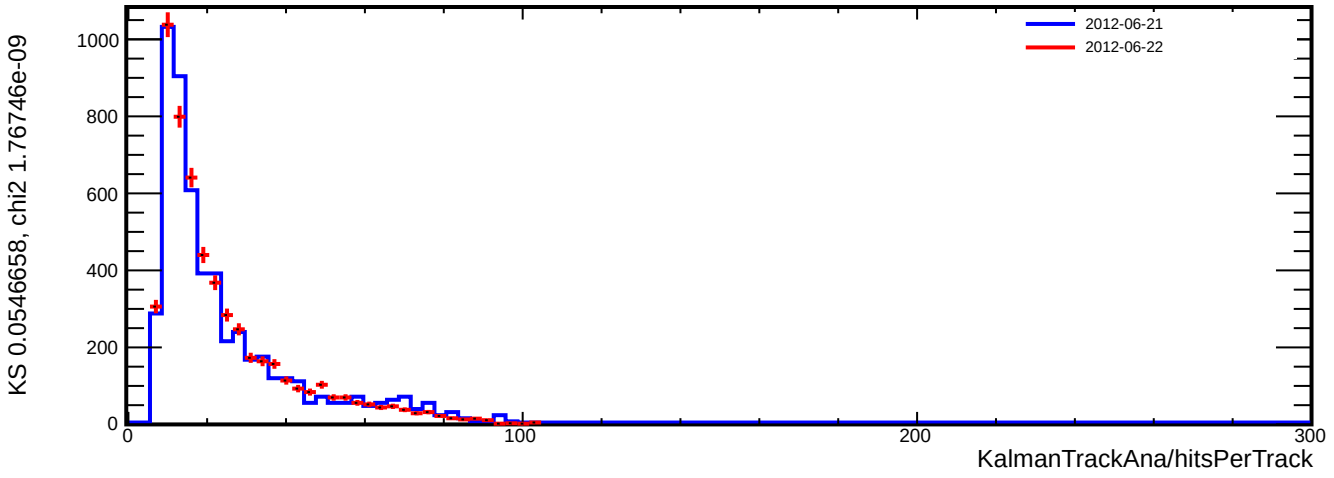

Cos Theta
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
vertexfit/fHistoCosTheta

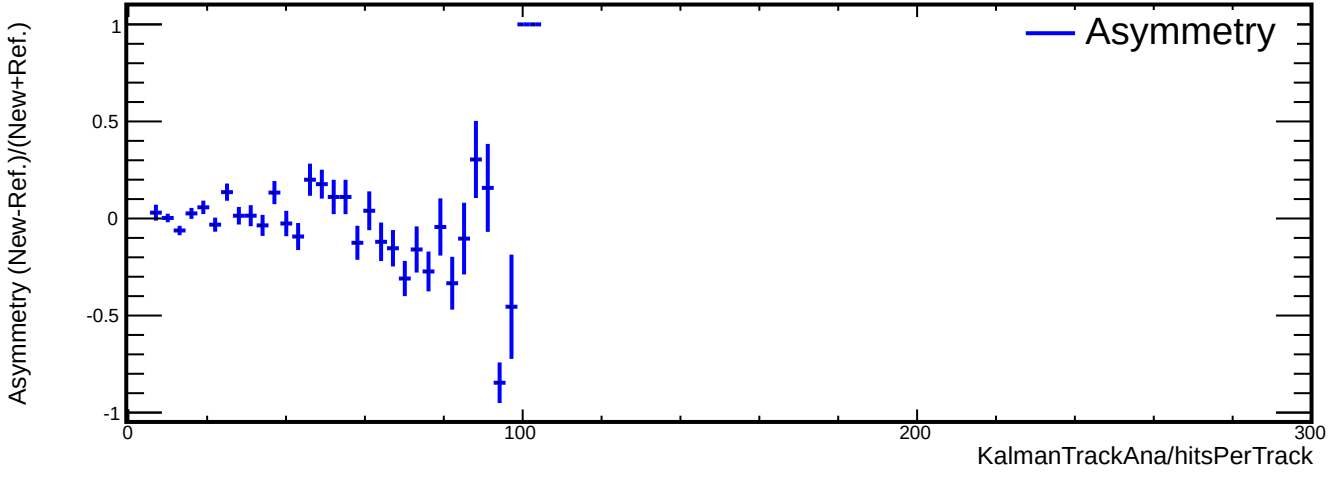

Invarient Mass
KS 4.98001e-06, chi2 0.00052366
2012-06-21
2012-06-22
vertexfit/fHistoInvMass

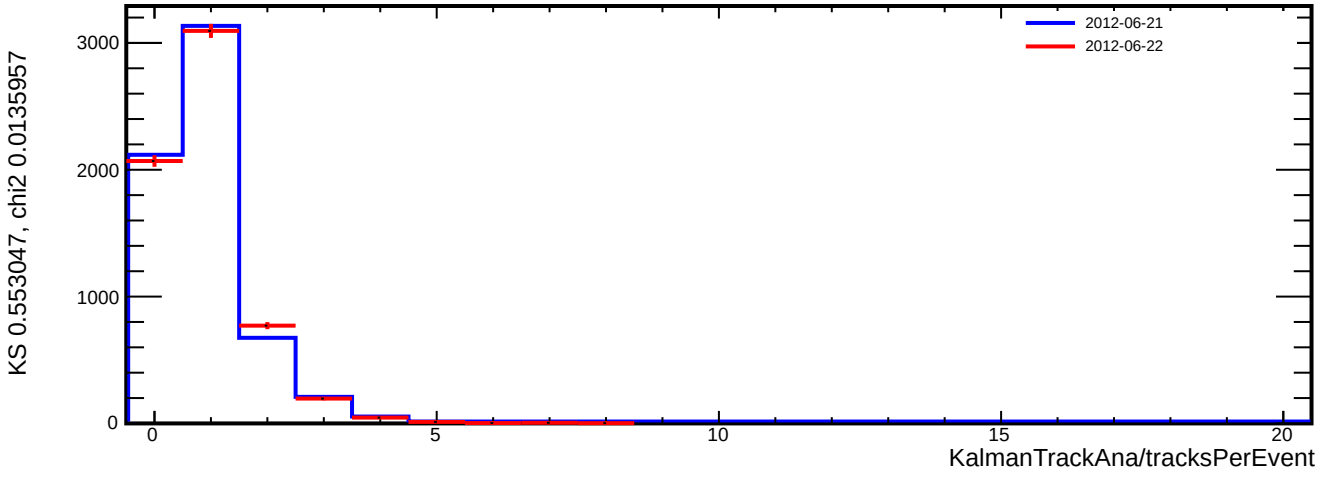

Invarient Mass
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
vertexfit/fHistoInvMass

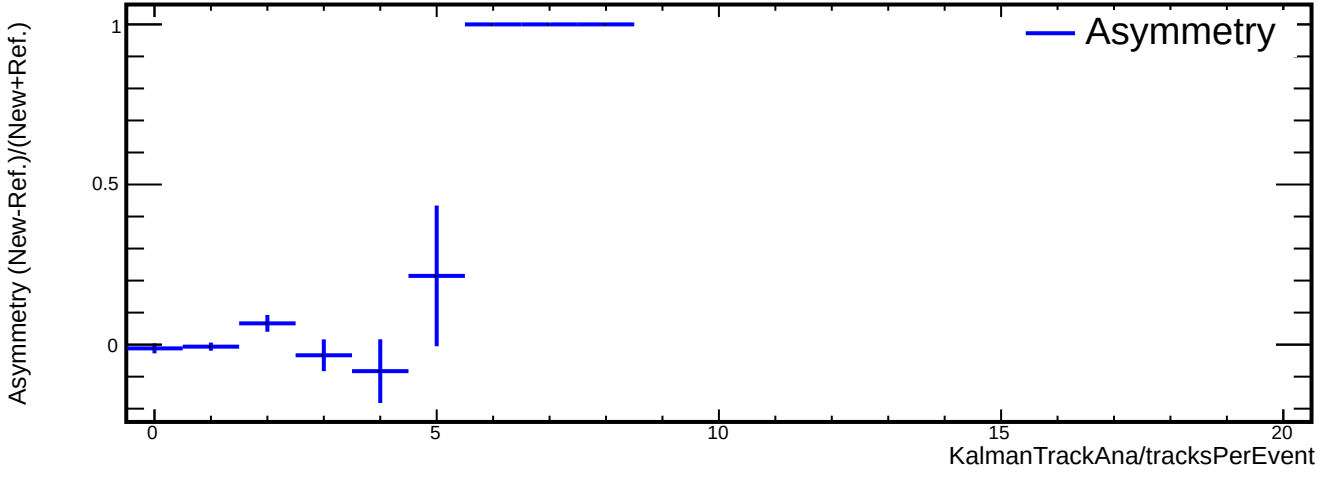

Distance of reconstructed vertex from actual vertex
KS 0.00172502, chi2 7.23529e-15
2012-06-21
2012-06-22
0
5
10
15
20
25
0
200
400
600
800
1000
vertexfit/fHistoDist

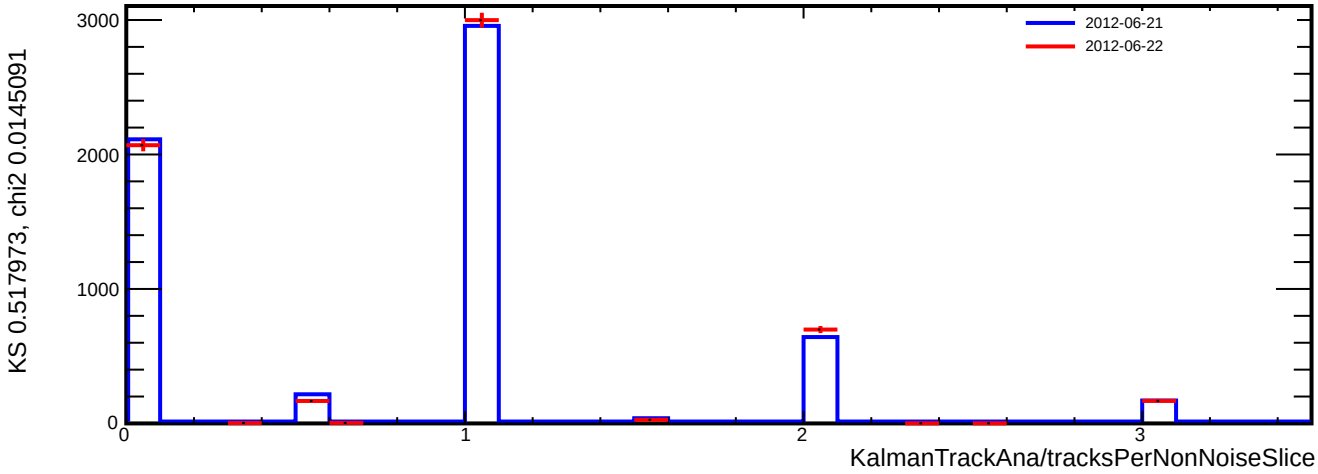

Distance of reconstructed vertex from actual vertex
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
vertexfit/fHistoDist

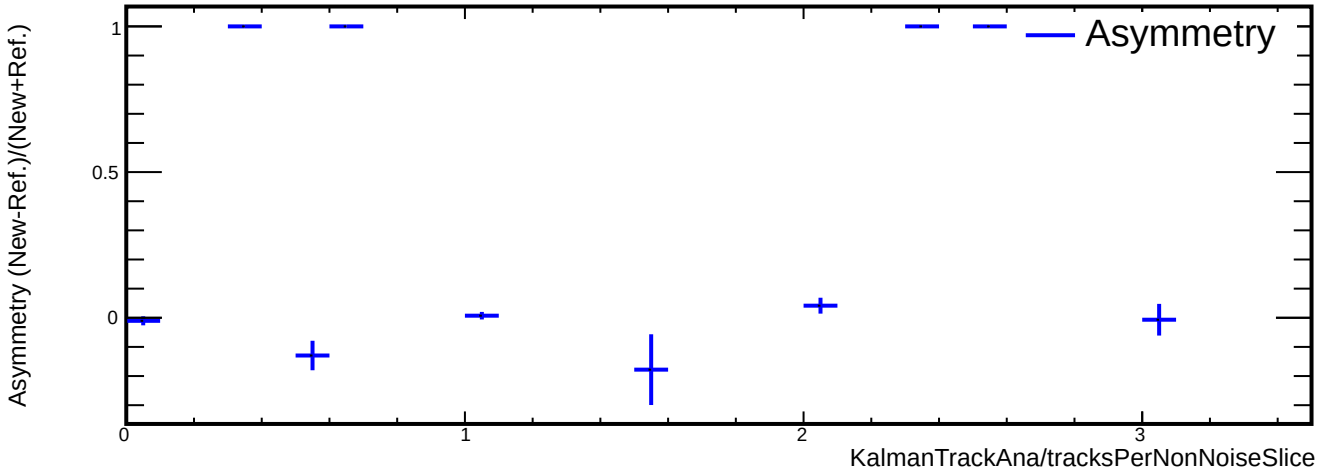

KS 0.0546658, chi2 1.76746e-09
2012-06-21
2012-06-22
KalmanTrackAna/hitsPerTrack

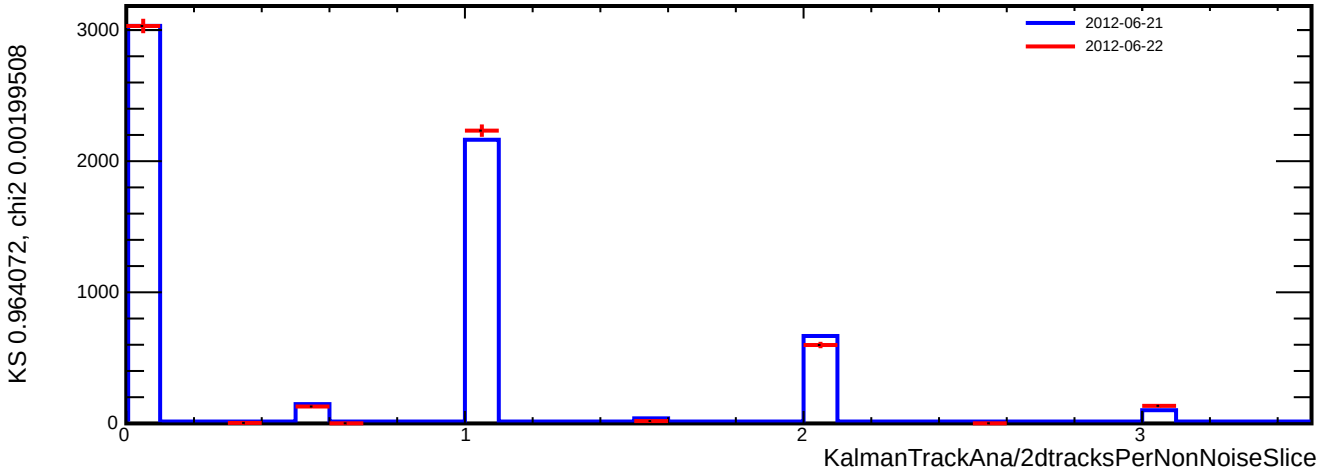

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/hitsPerTrack

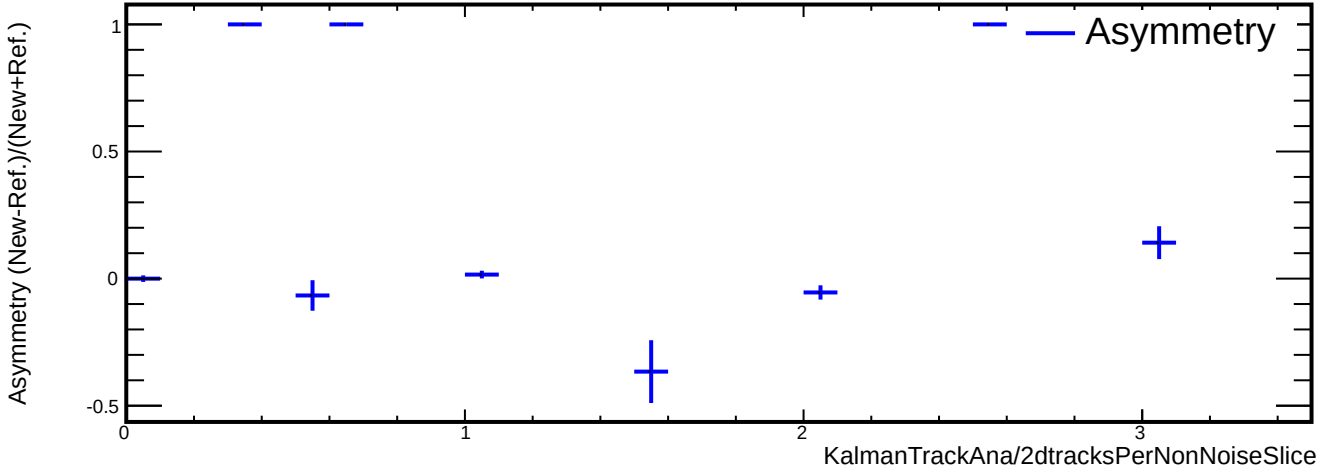

KS 0.553047, chi2 0.0135957
3000
2000
1000
0
0
5
10
15
20
KalmanTrackAna/tracksPerEvent
2012-06-21
2012-06-22

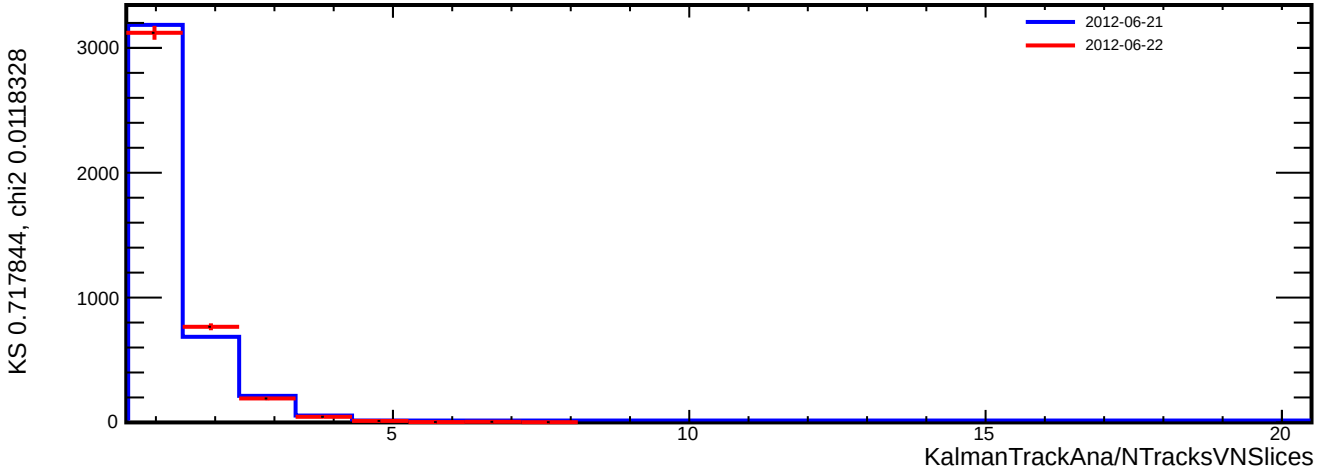

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
0
5
10
15
20
KalmanTrackAna/tracksPerEvent
Asymmetry

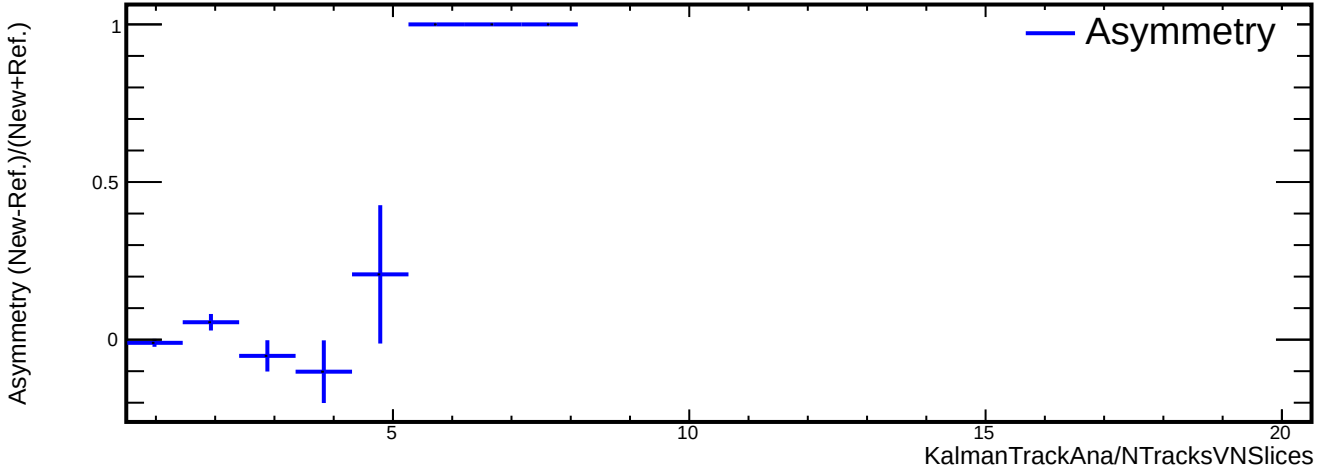

KS 0.517973, chi2 0.0145091
3000
2000
1000
0
0
1
2
3
2012-06-21
2012-06-22
KalmanTrackAna/tracksPerNonNoiseSlice

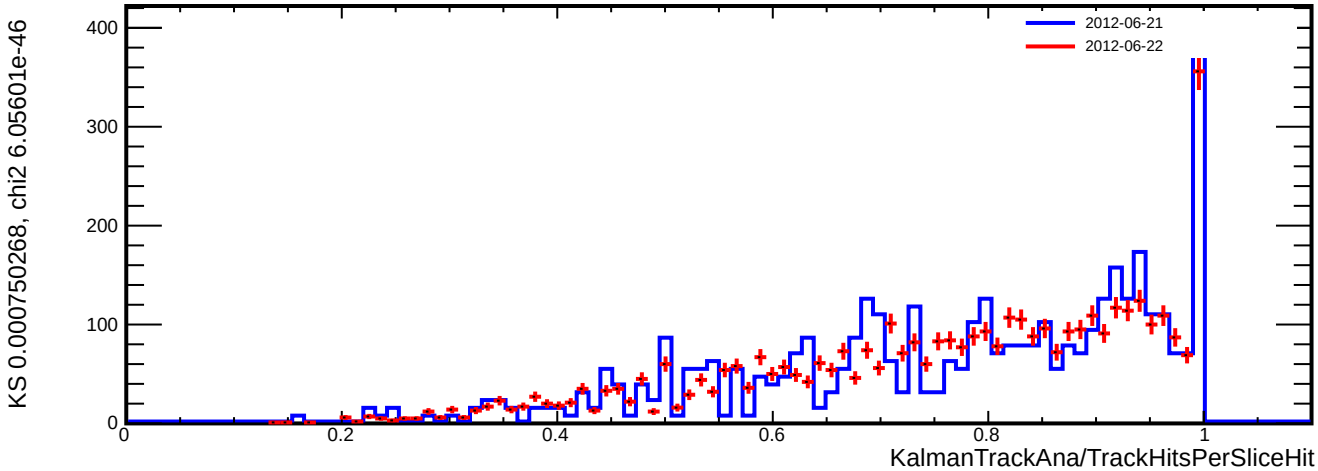

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
0
1
2
3
Asymmetry
KalmanTrackAna/tracksPerNonNoiseSlice

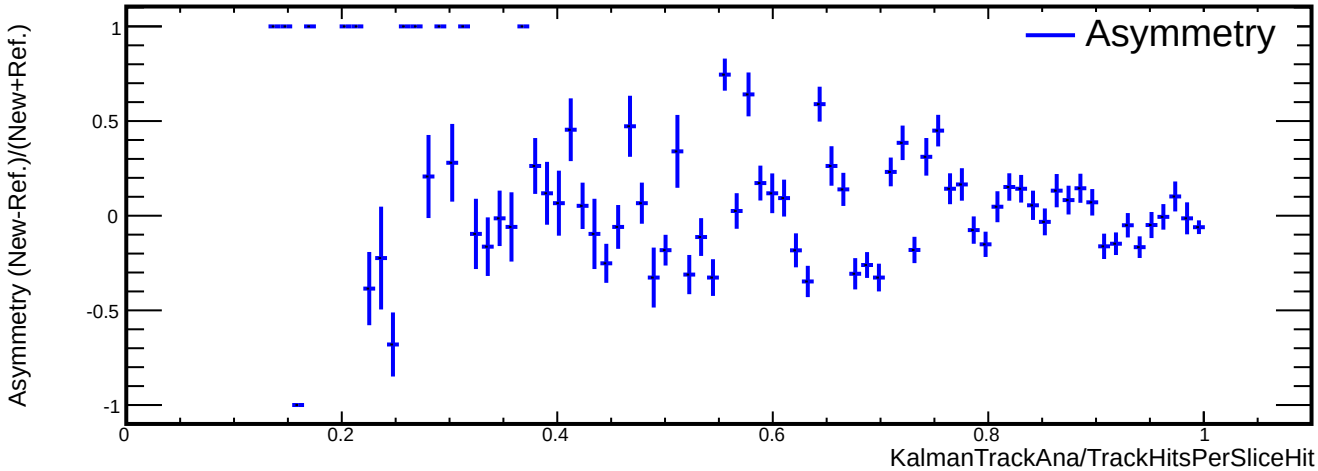

KS 0.964072, chi2 0.00199508
3000
2000
1000
0
0
1
2
3
2012-06-21
2012-06-22
KalmanTrackAna/2dtracksPerNonNoiseSlice

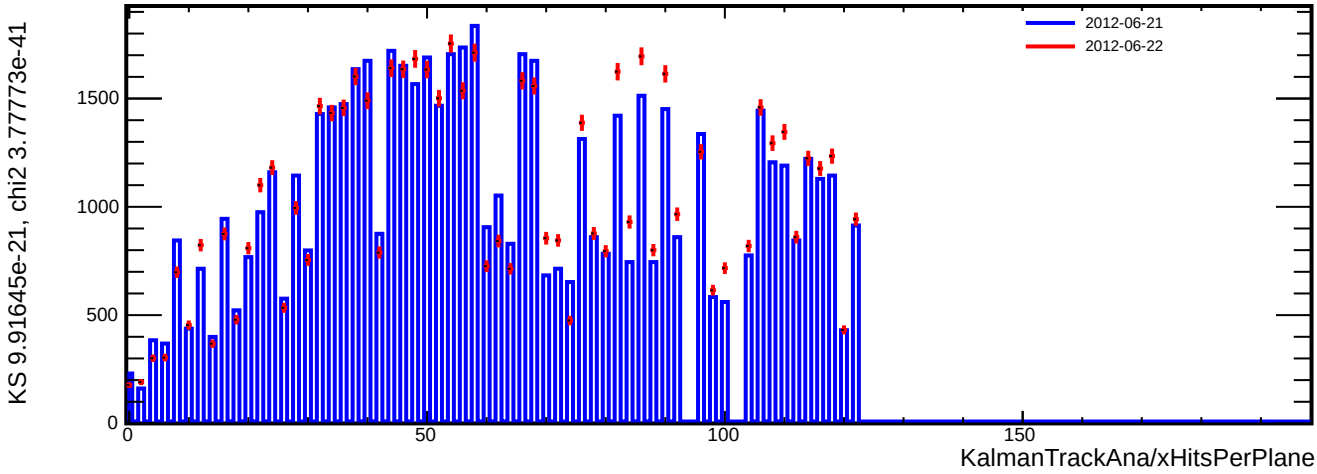

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
0
1
2
3
Asymmetry
KalmanTrackAna/2dtracksPerNonNoiseSlice

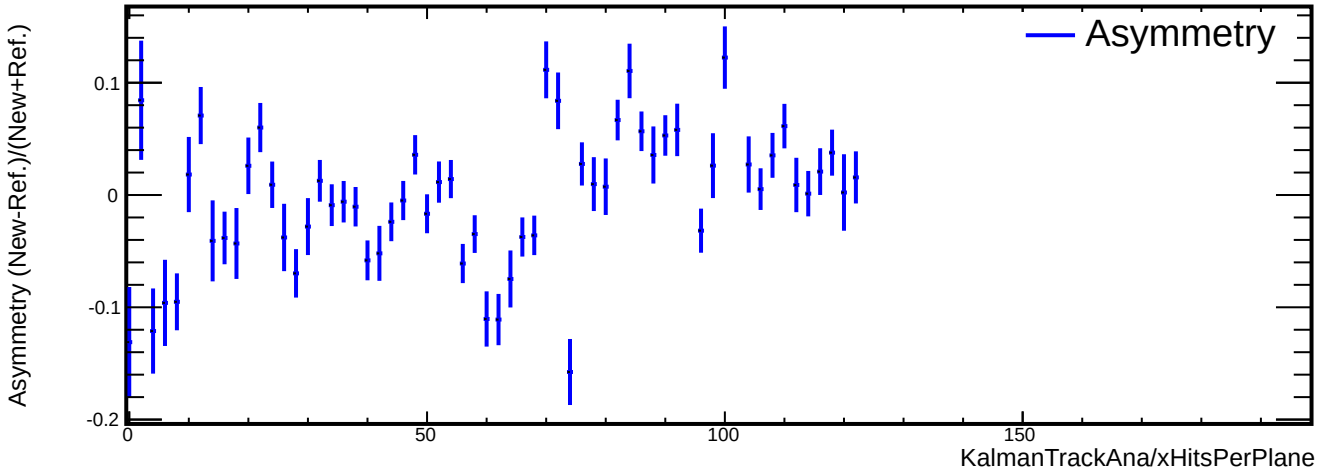

KS 0.717844, chi2 0.0118328
3000
2000
1000
0
5
10
15
20
KalmanTrackAna/NTracksVNSlices
2012-06-21
2012-06-22

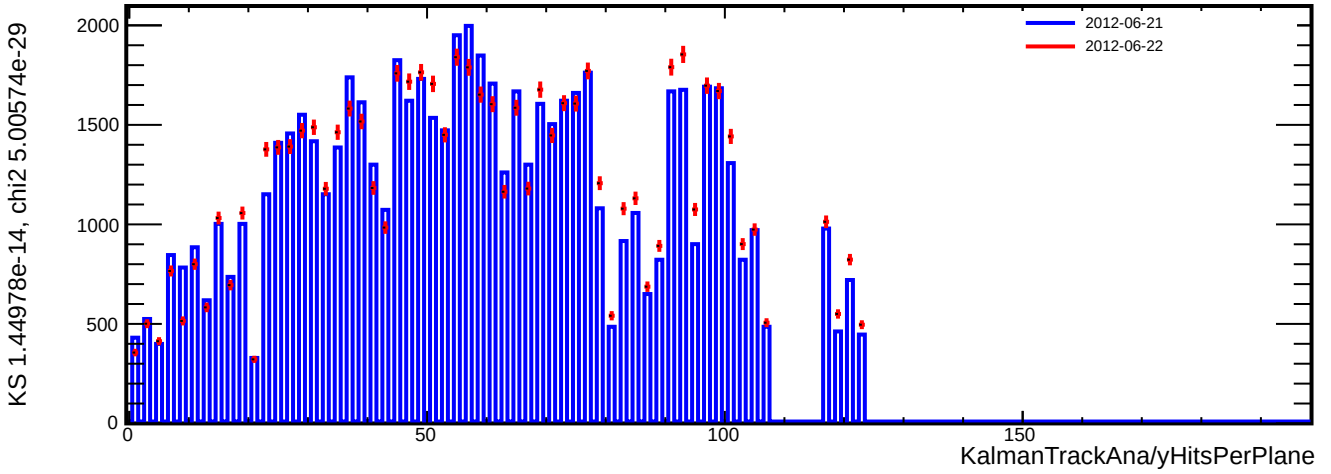

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
5
10
15
20
KalmanTrackAna/NTracksVNSlices
Asymmetry

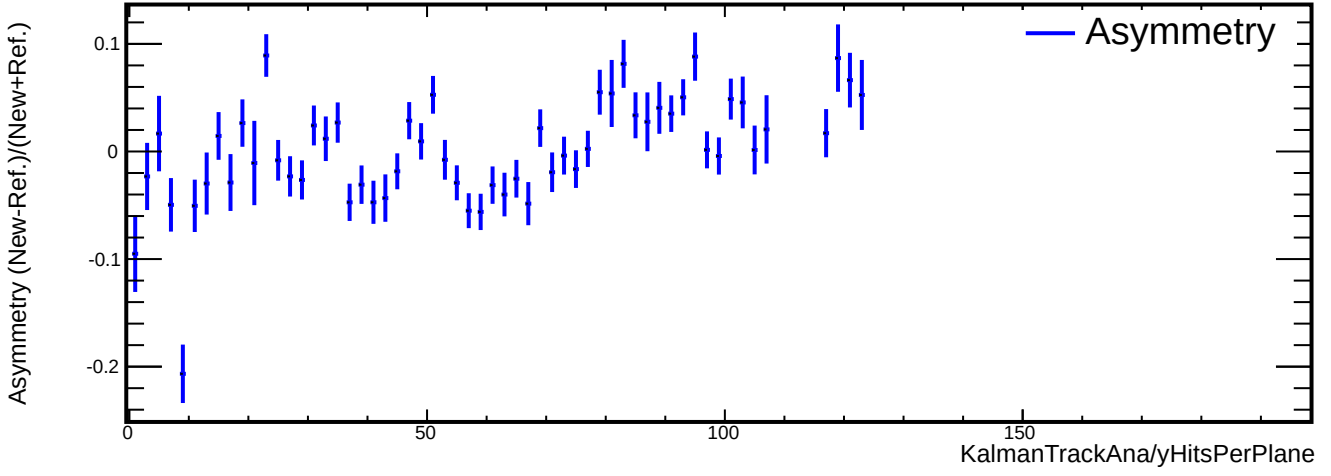

KS 0.000750268, chi2 6.05601e-46
2012-06-21
2012-06-22
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
KalmanTrackAna/TrackHitsPerSliceHit

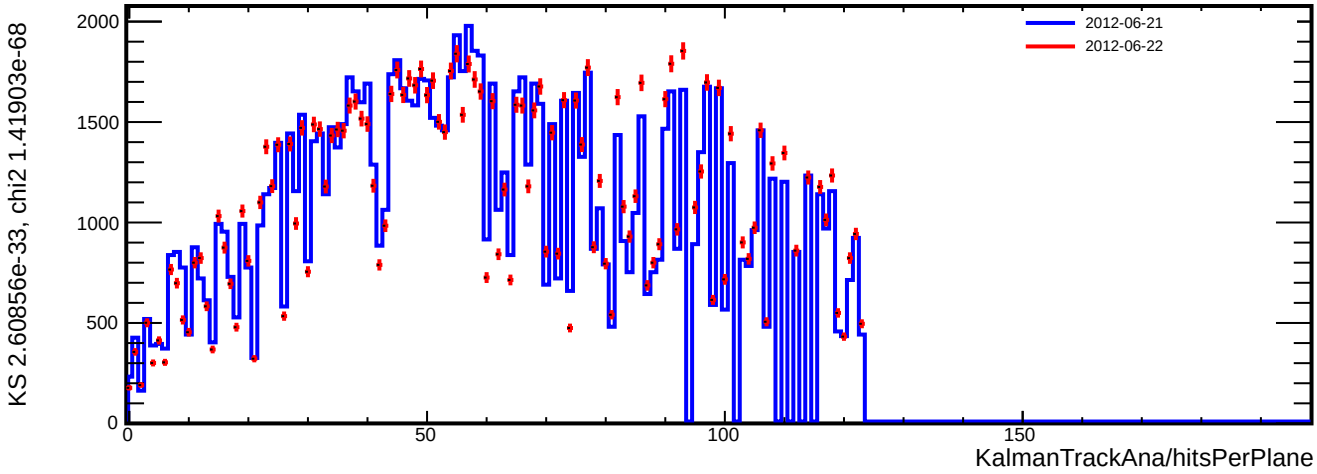

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
0.2
0.4
0.6
0.8
1
KalmanTrackAna/TrackHitsPerSliceHit

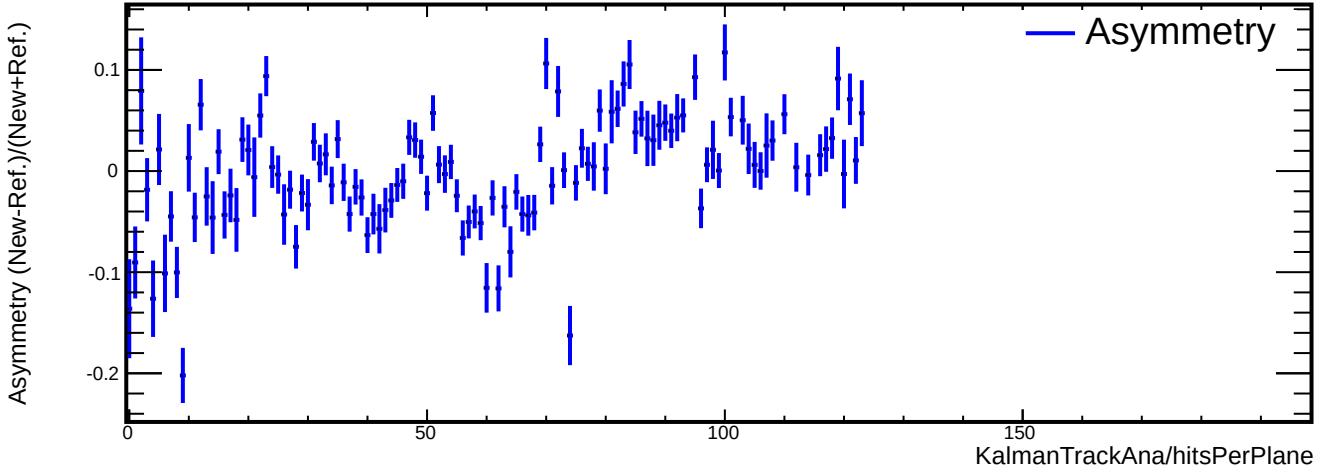

KS 9.91645e-21, chi2 3.77773e-41
2012-06-21
2012-06-22
0
500
1000
1500
0
50
100
150
KalmanTrackAna/xHitsPerPlane

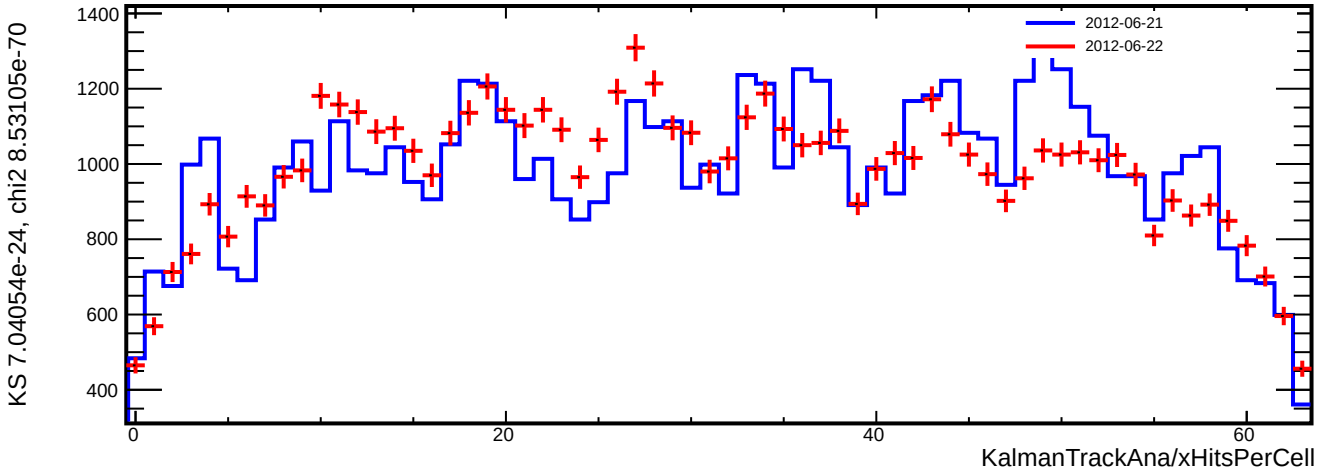

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
-0.2
-0.1
0
0.1
0
50
100
150
KalmanTrackAna/xHitsPerPlane

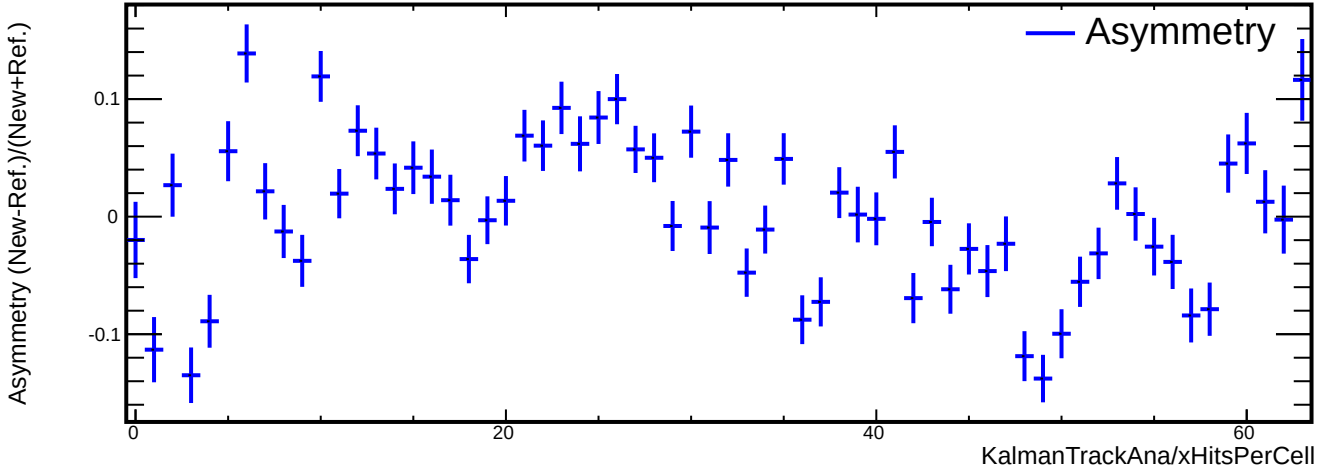

KS 1.44978e-14, chi2 5.00574e-29
2012-06-21
2012-06-22
KalmanTrackAna/yHitsPerPlane

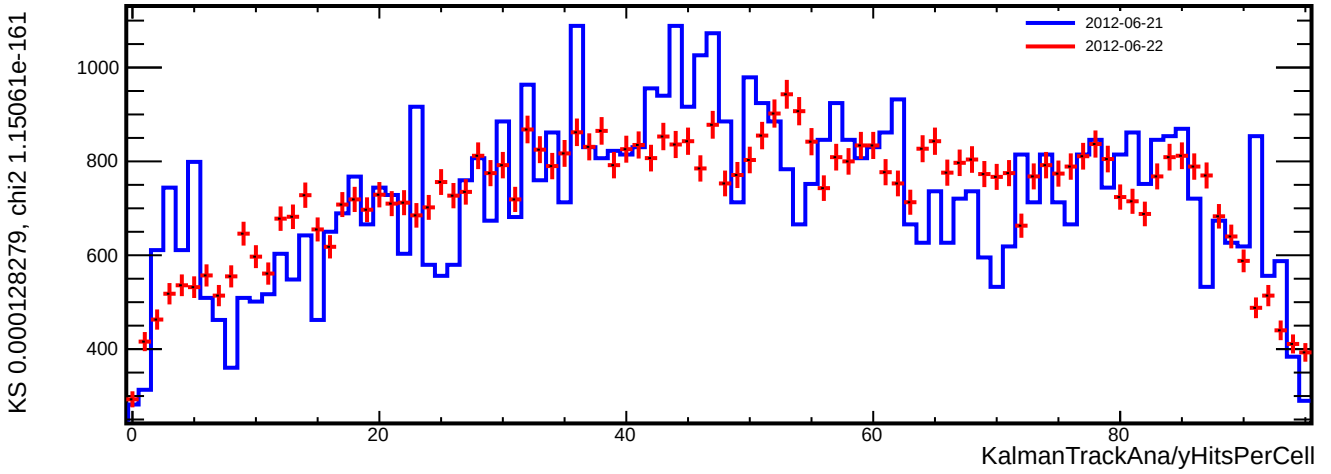

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerPlane

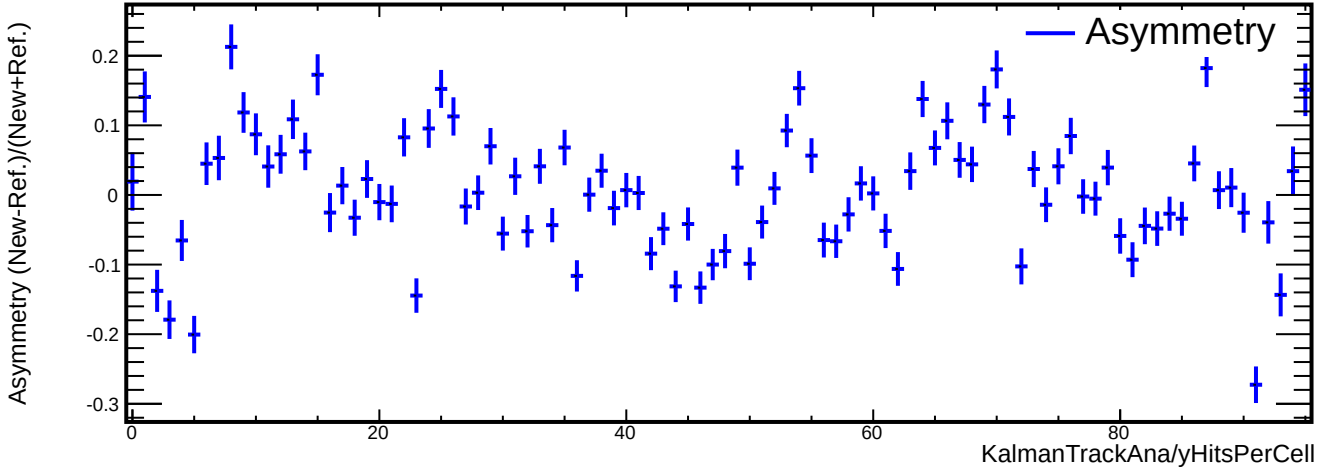

KS 2.60856e-33, chi2 1.41903e-68
2012-06-21
2012-06-22
KalmanTrackAna/hitsPerPlane

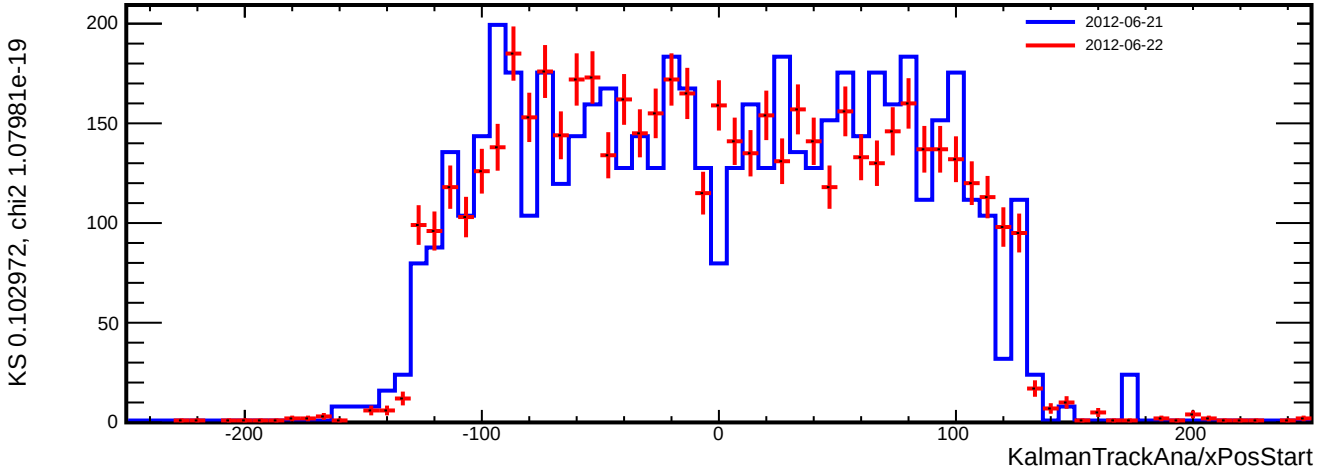

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/hitsPerPlane

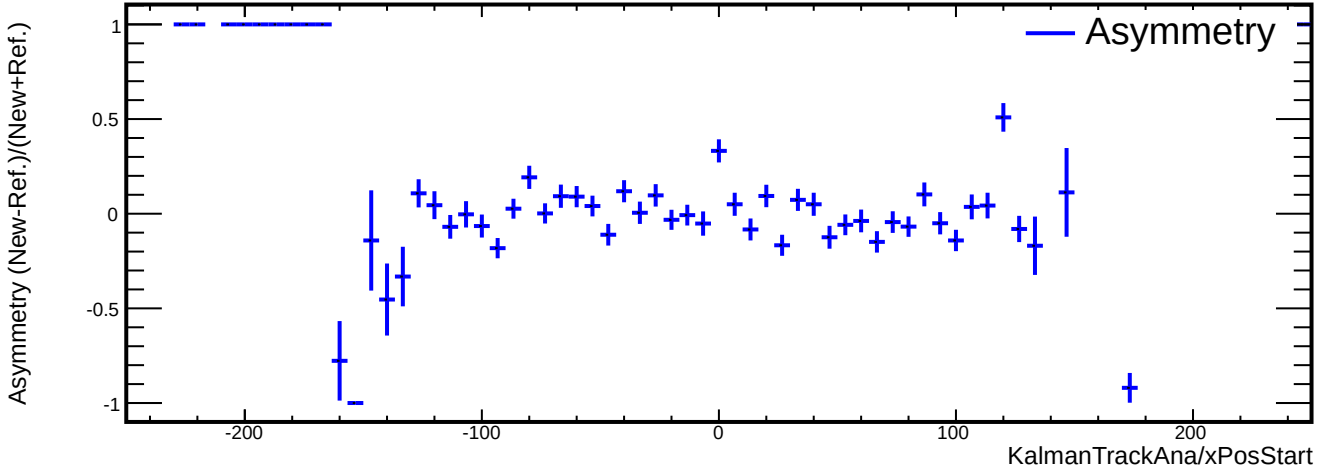

KS 7.04054e-24, chi2 8.53105e-70
1400
1200
1000
800
600
400
0
20
40
60
KalmanTrackAna/xHitsPerCell
2012-06-21
2012-06-22

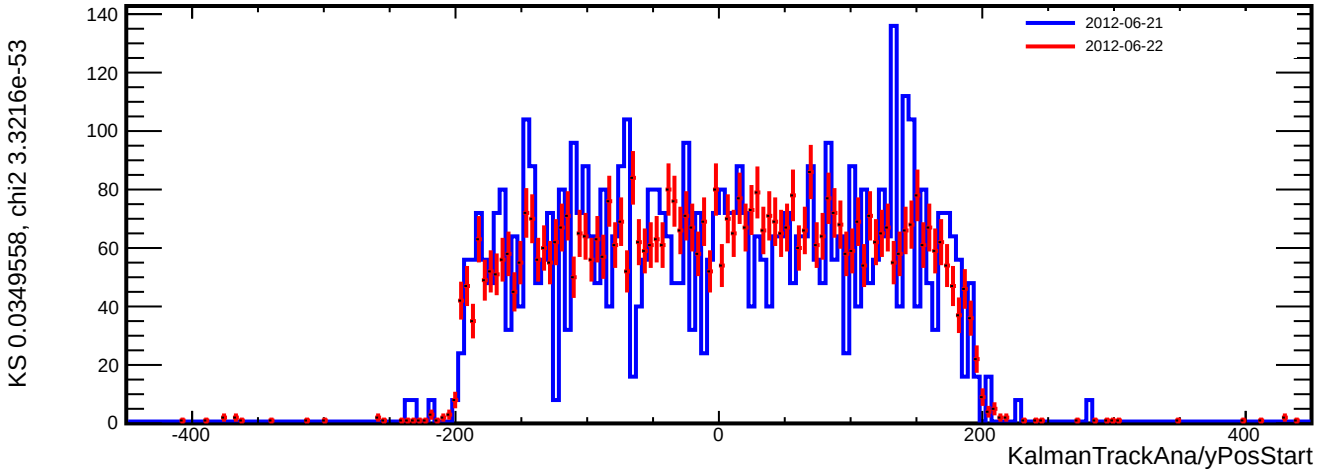

Asymmetry (New-Ref.)/(New+Ref.)
0.1
0
-0.1
0
20
40
60
KalmanTrackAna/xHitsPerCell
Asymmetry

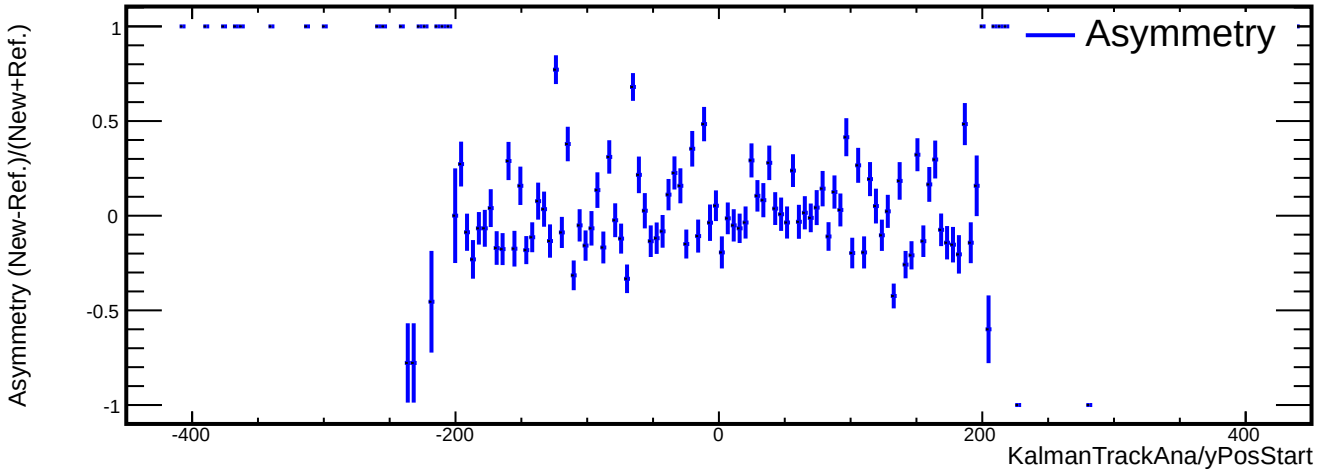

KS 0.000128279, chi2 1.15061e-161
2012-06-21
2012-06-22
1000
800
600
400
0
20
40
60
80
KalmanTrackAna/yHitsPerCell

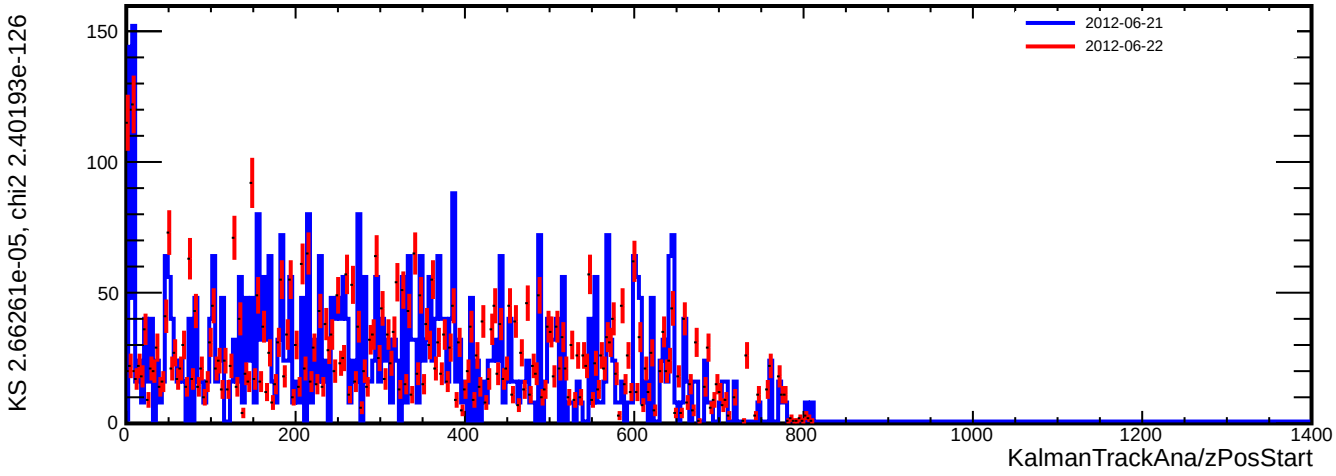

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
-0.2
-0.3
0
20
40
60
80
KalmanTrackAna/yHitsPerCell

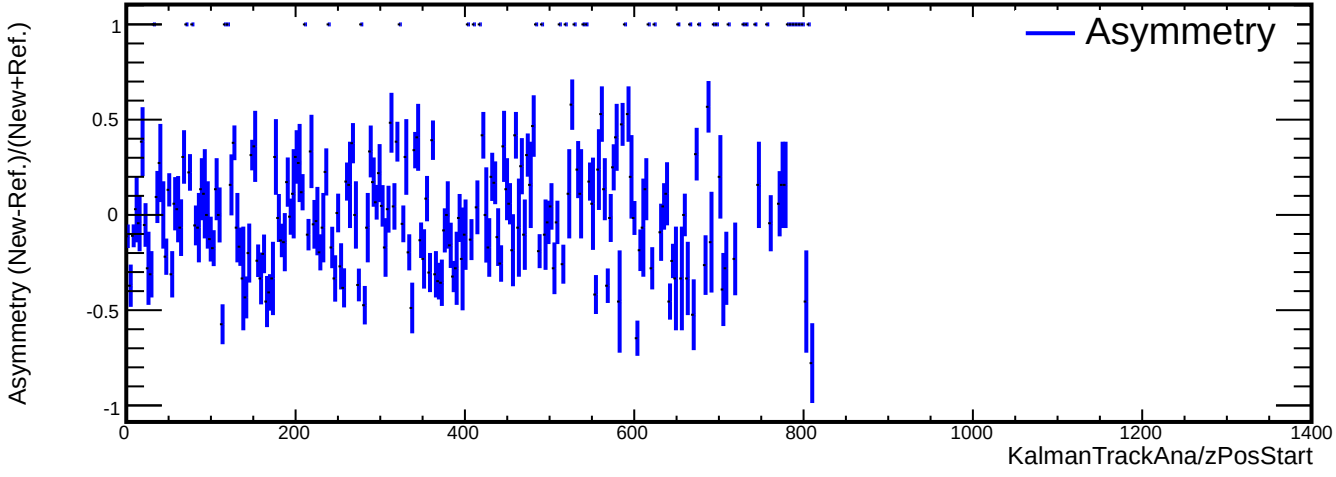

KS 0.102972, chi2 1.07981e-19
2012-06-21
2012-06-22
KalmanTrackAna/xPosStart

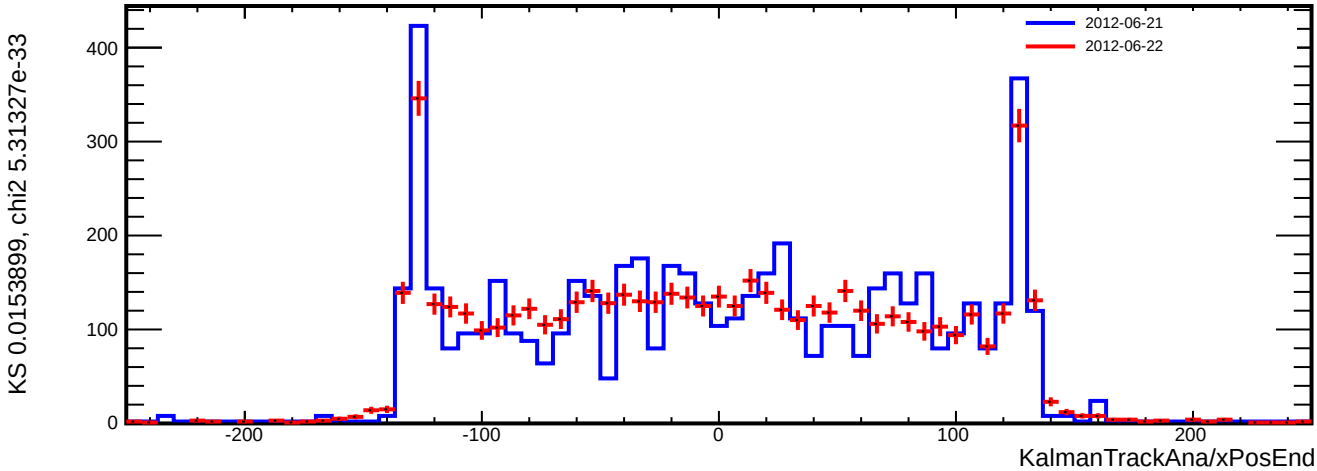

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/xPosStart

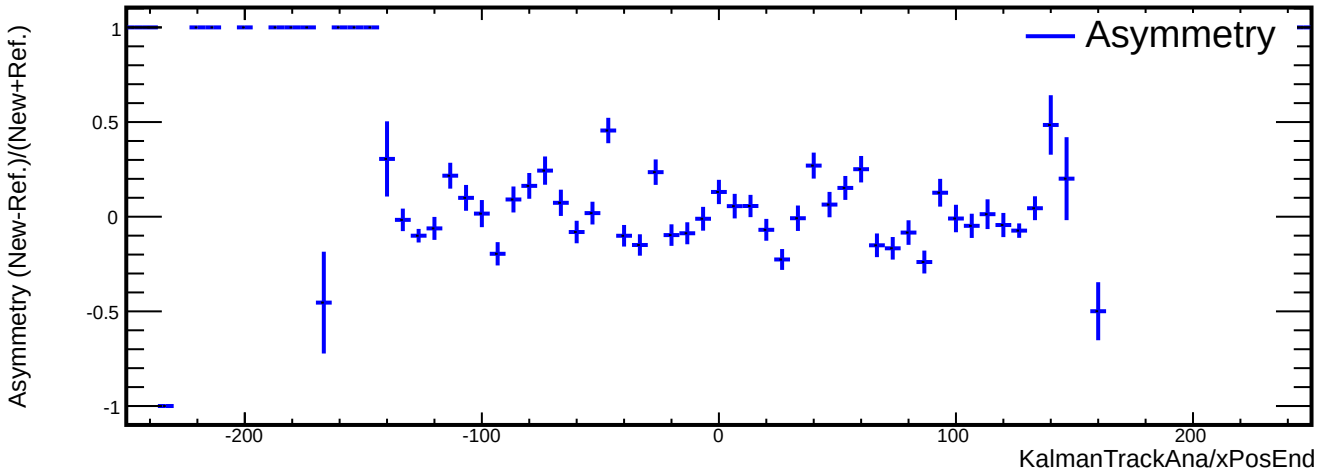

KS 0.0349558, chi2 3.3216e-53
2012-06-21
2012-06-22
KalmanTrackAna/yPosStart

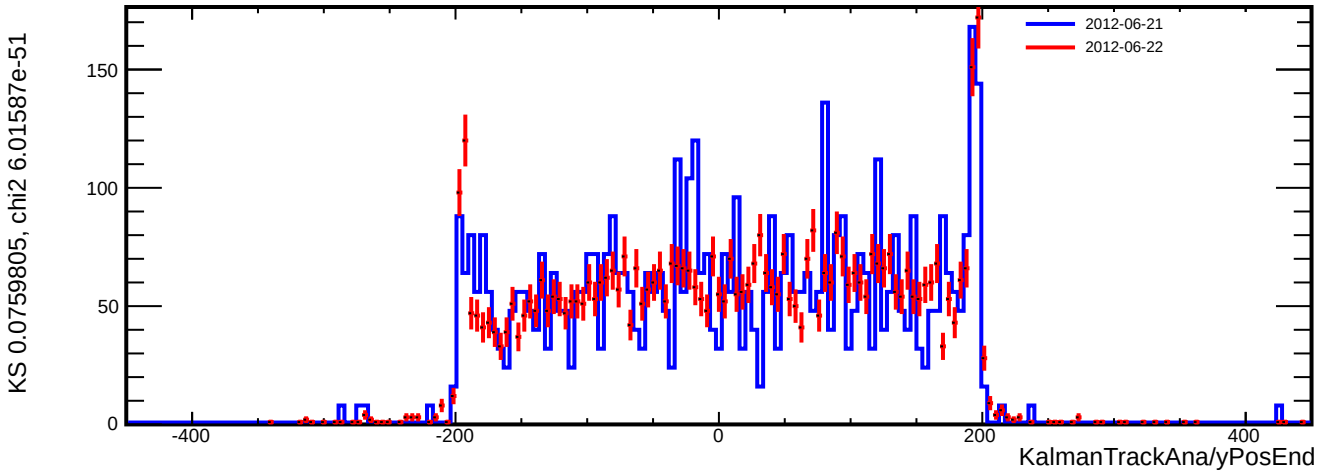

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yPosStart

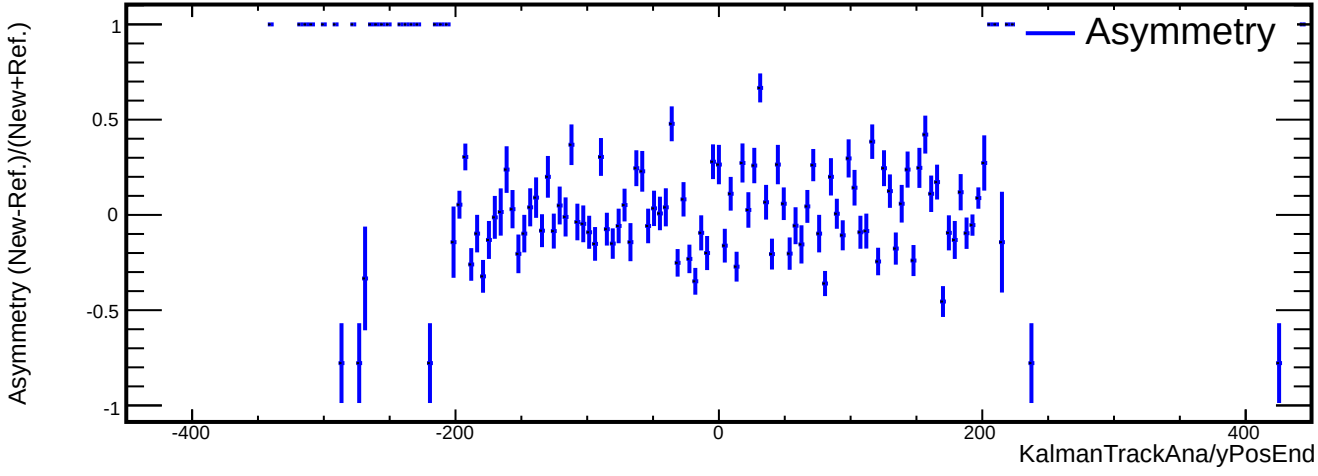

KS 2.66261e-05, chi2 2.40193e-126
2012-06-21
2012-06-22
150
100
50
0
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosStart

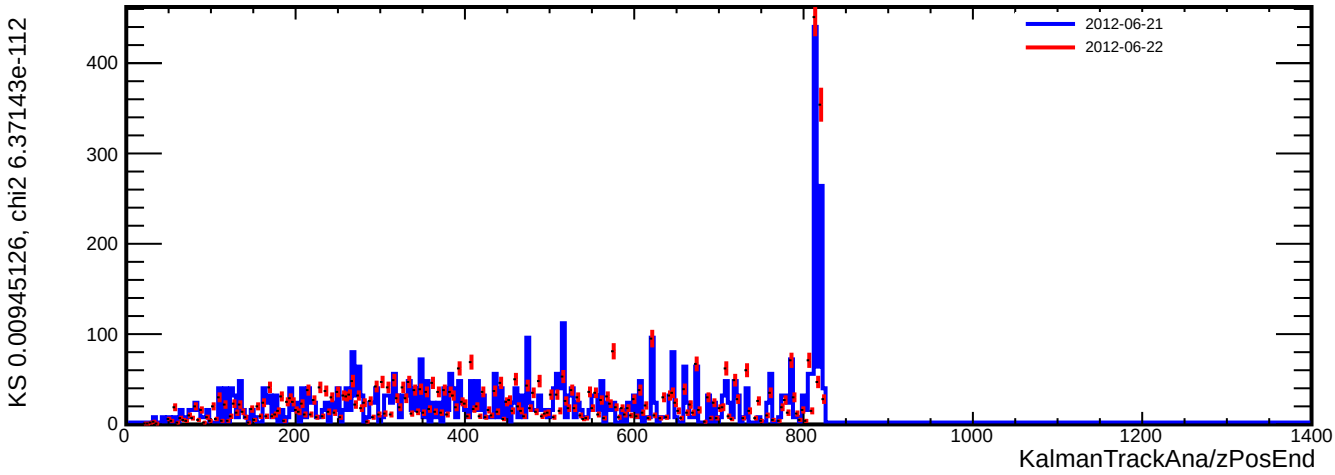

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosStart

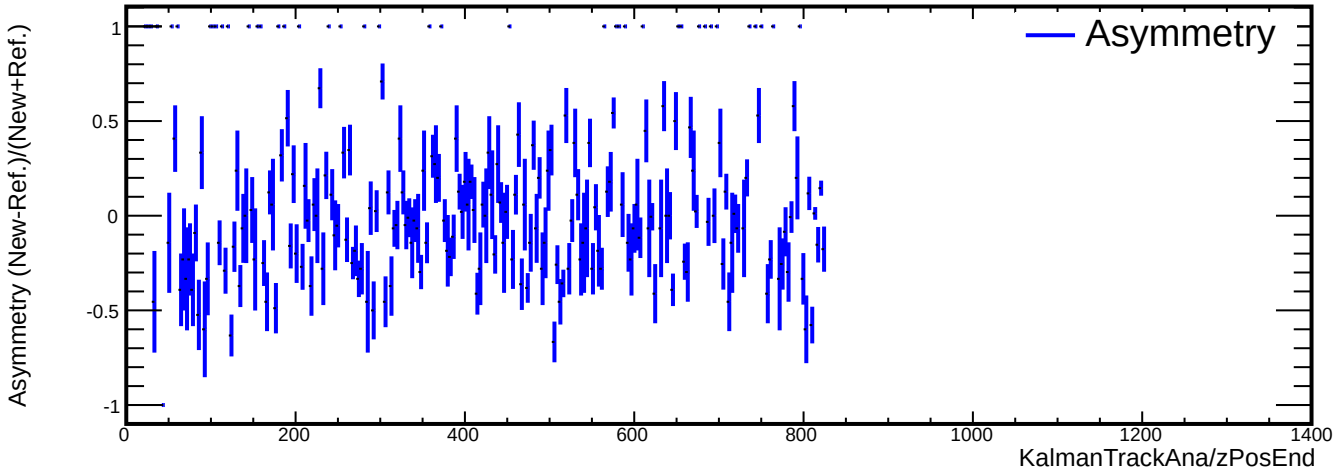

KS 0.0153899, chi2 5.31327e-33
2012-06-21
2012-06-22
400
300
200
100
0
-200
-100
0
100
200
KalmanTrackAna/xPosEnd

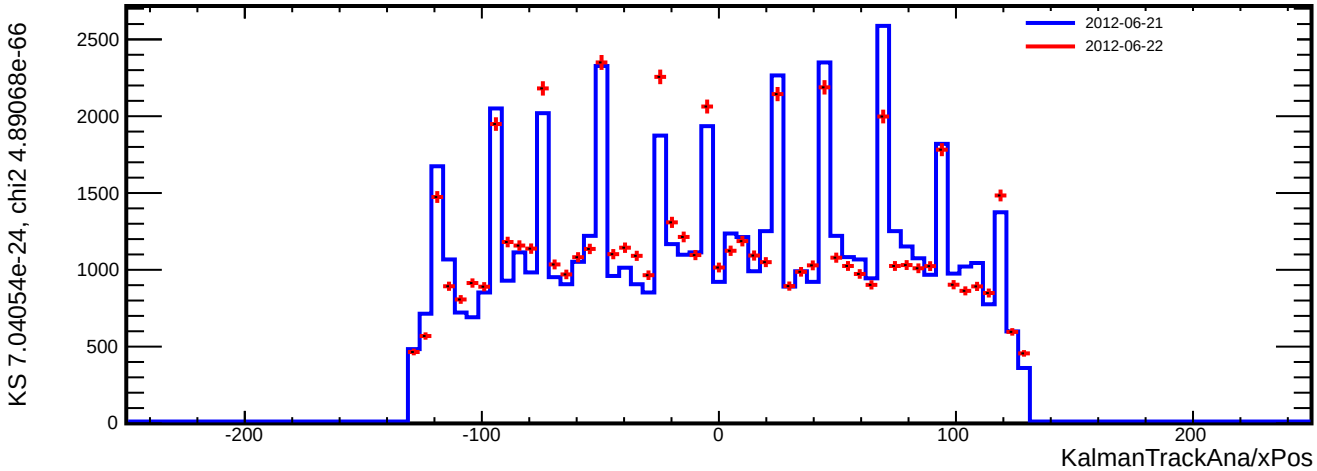

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-200
-100
0
100
200
KalmanTrackAna/xPosEnd

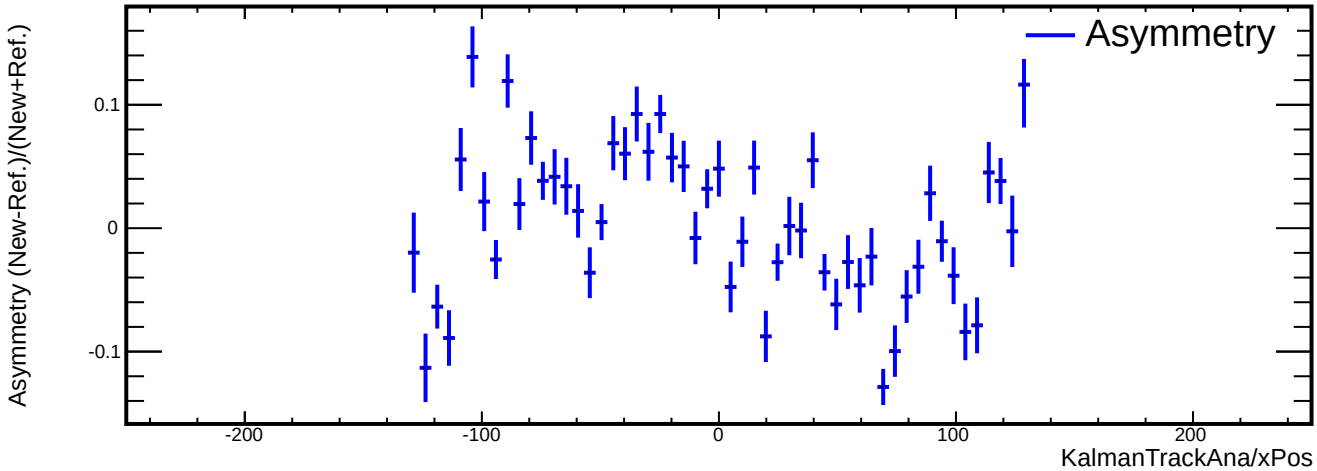

KS 0.0759805, chi2 6.01587e-51
2012-06-21
2012-06-22
150
100
50
0
-400
-200
0
200
400
KalmanTrackAna/yPosEnd

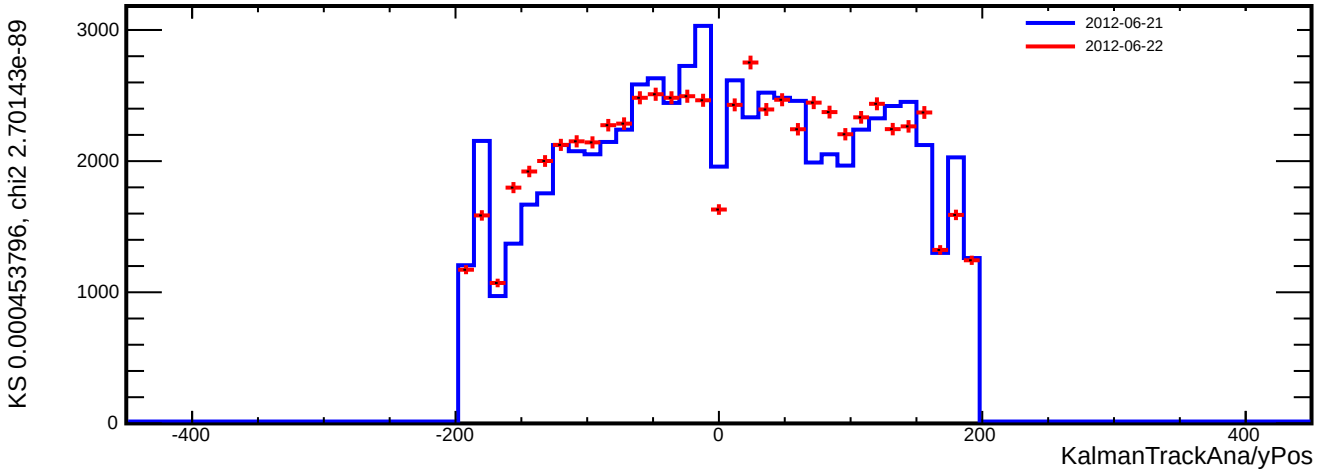

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-400
-200
0
200
400
KalmanTrackAna/yPosEnd

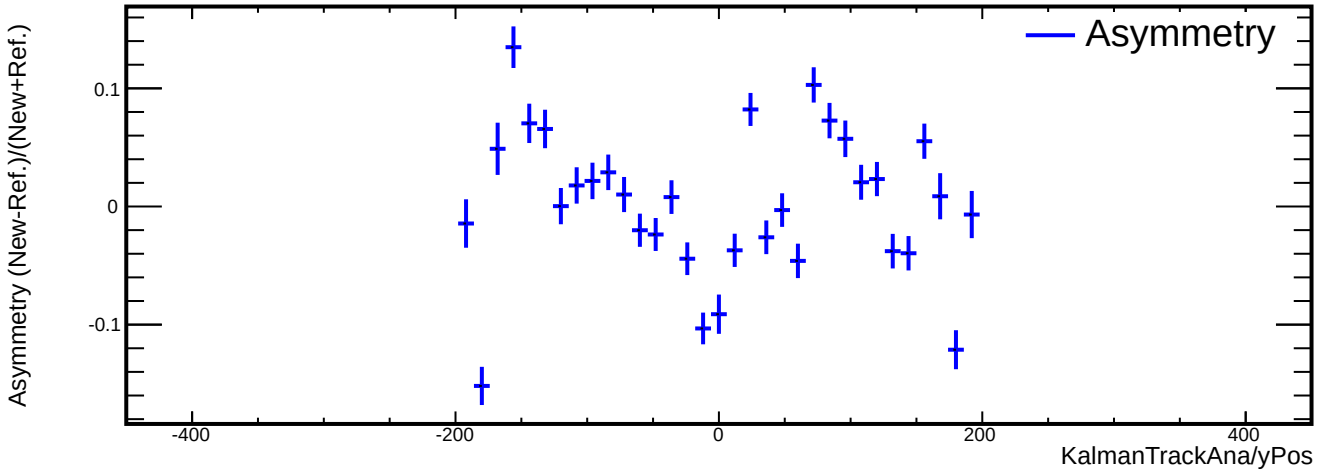

KS 0.00945126, chi2 6.37143e-112
2012-06-21
2012-06-22
0
100
200
300
400
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosEnd

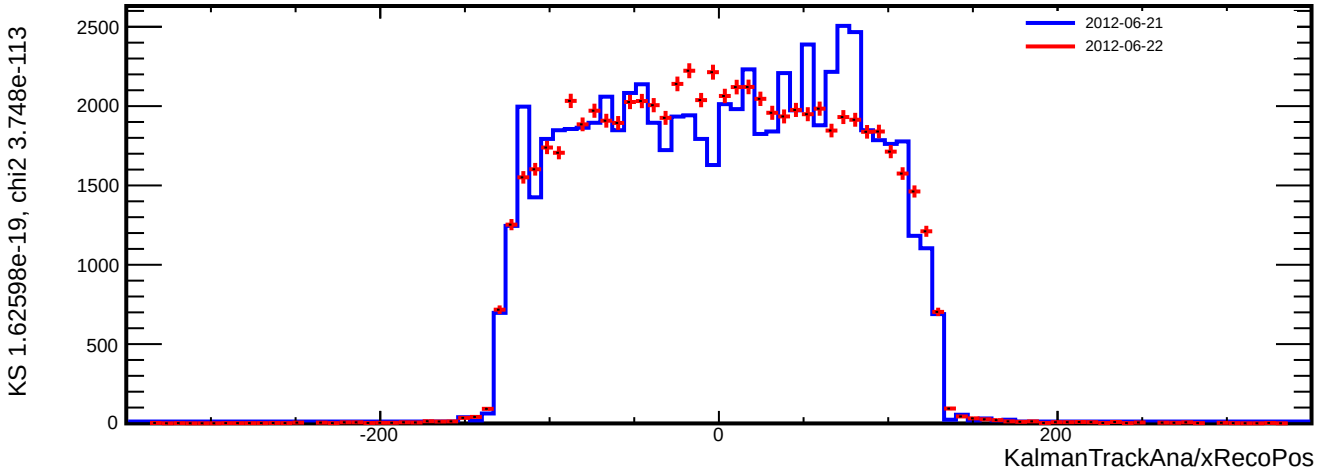

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
1200
1400
KalmanTrackAna/zPosEnd

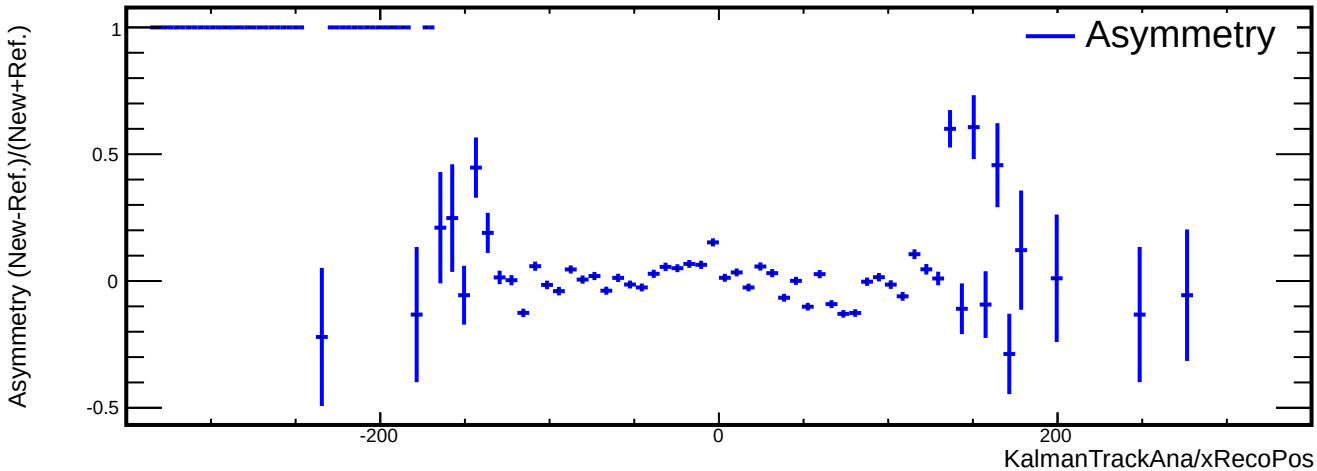

KS 7.04054e-24, chi2 4.89068e-66
2012-06-21
2012-06-22
2500
2000
1500
1000
500
0
-200
-100
0
100
200
KalmanTrackAna/xPos

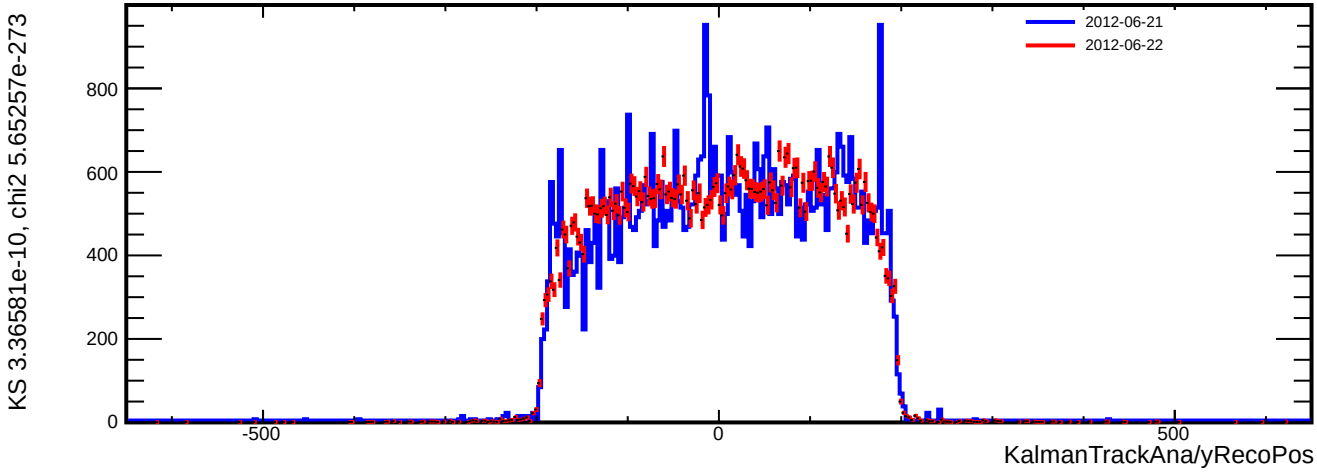

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0
-0.1
-200
-100
0
100
200
KalmanTrackAna/xPos

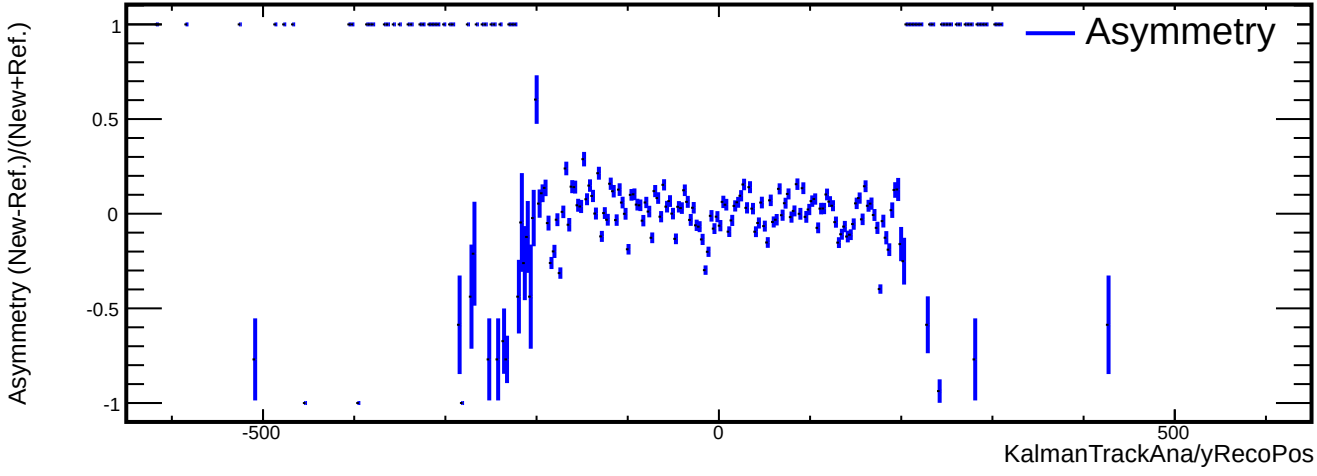

KS 0.000453796, chi2 2.70143e-89
3000
2000
1000
0
-400
-200
0
200
400
KalmanTrackAna/yPos
2012-06-21
2012-06-22

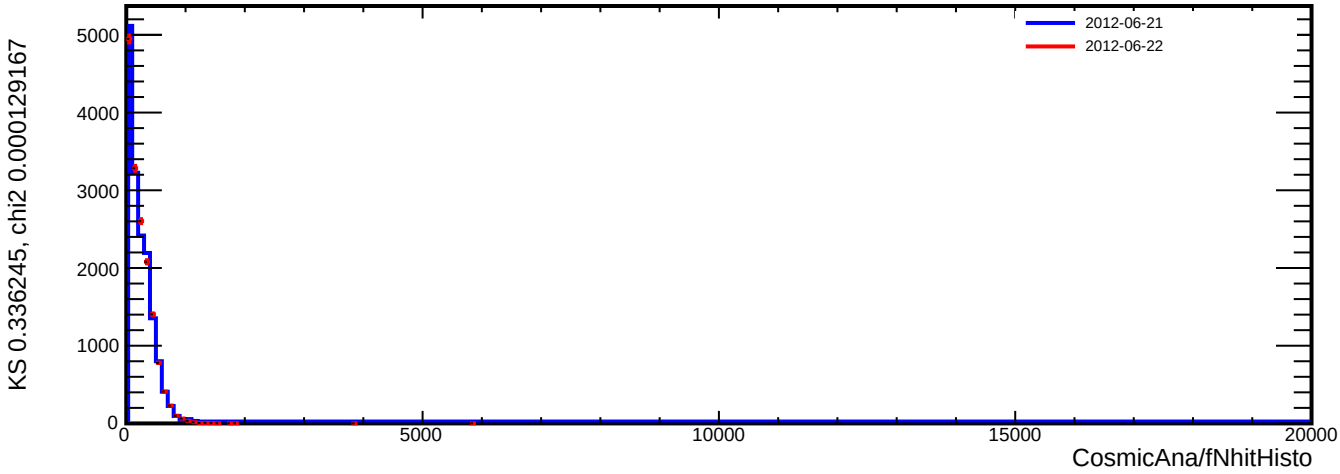

Asymmetry (New-Ref.)/(New+Ref.)
0.1
0
-0.1
-400
-200
0
200
400
KalmanTrackAna/yPos
Asymmetry

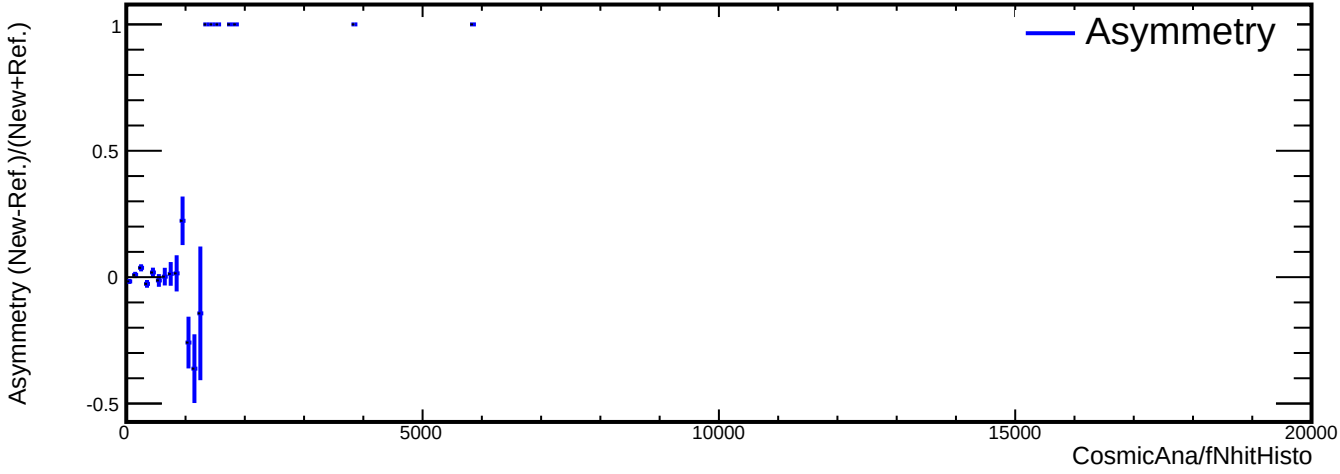

KS 1.62598e-19, chi2 3.748e-113
2012-06-21
2012-06-22
2500
2000
1500
1000
500
0
-200
0
200
KalmanTrackAna/xRecoPos

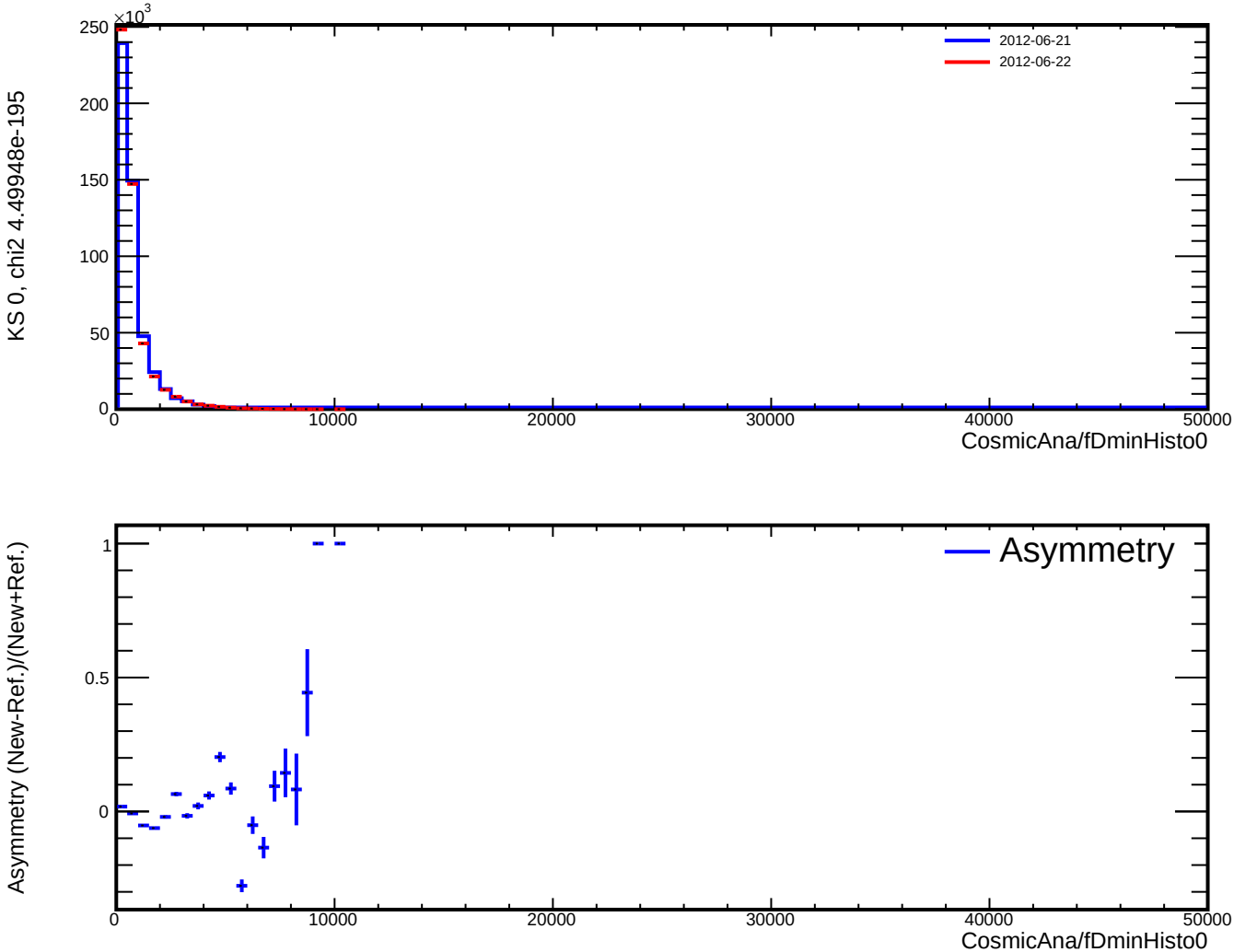

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-200
0
200
KalmanTrackAna/xRecoPos

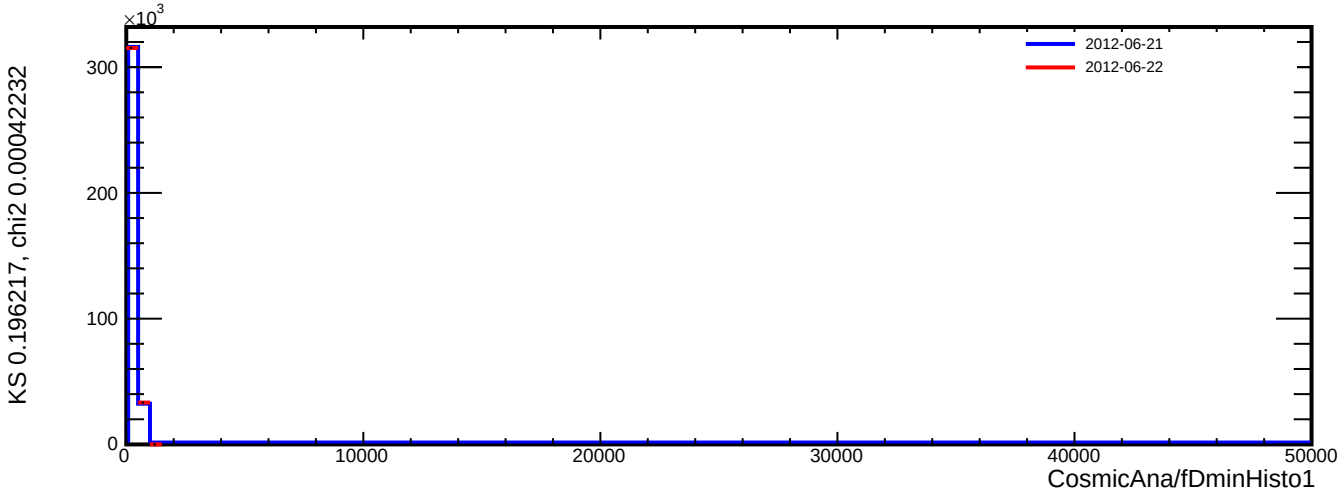

KS 3.36581e-10, chi2 5.65257e-273
2012-06-21
2012-06-22
800
600
400
200
0
-500
0
500
KalmanTrackAna/yRecoPos

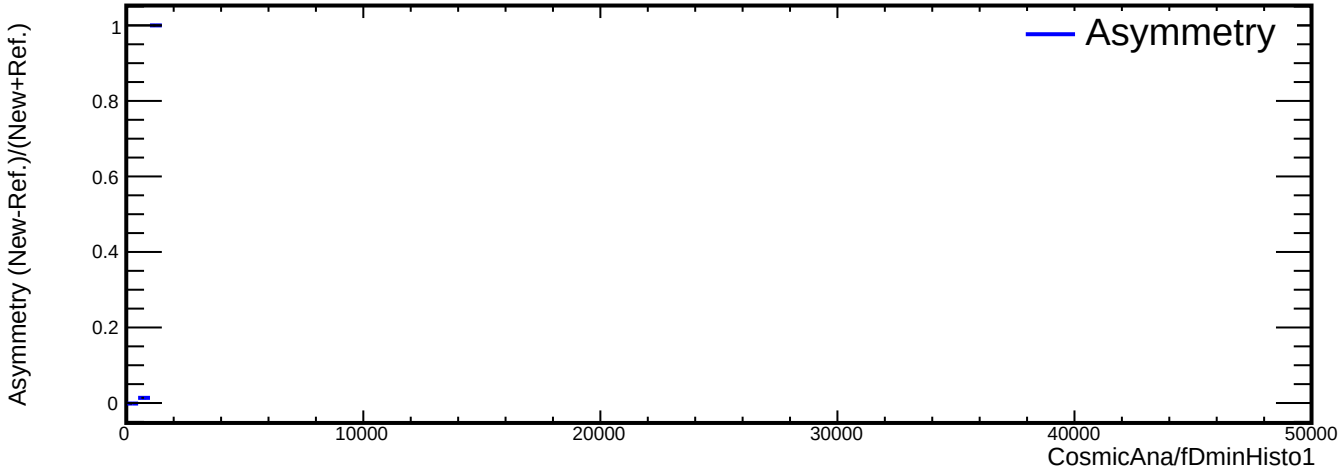

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-500
0
500
KalmanTrackAna/yRecoPos

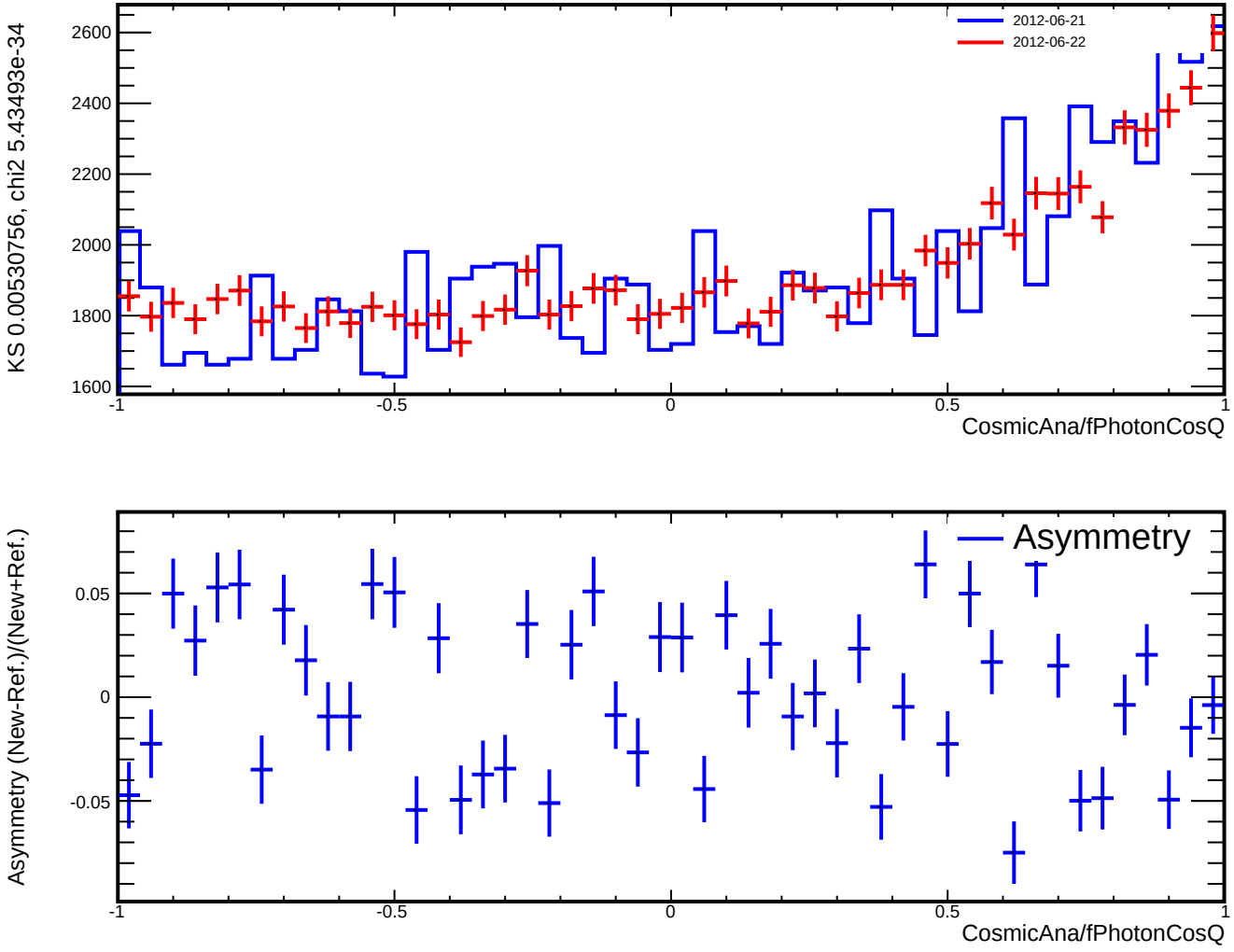

KS 0.336245, chi2 0.000129167
2012-06-21
2012-06-22
5000
4000
3000
2000
1000
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

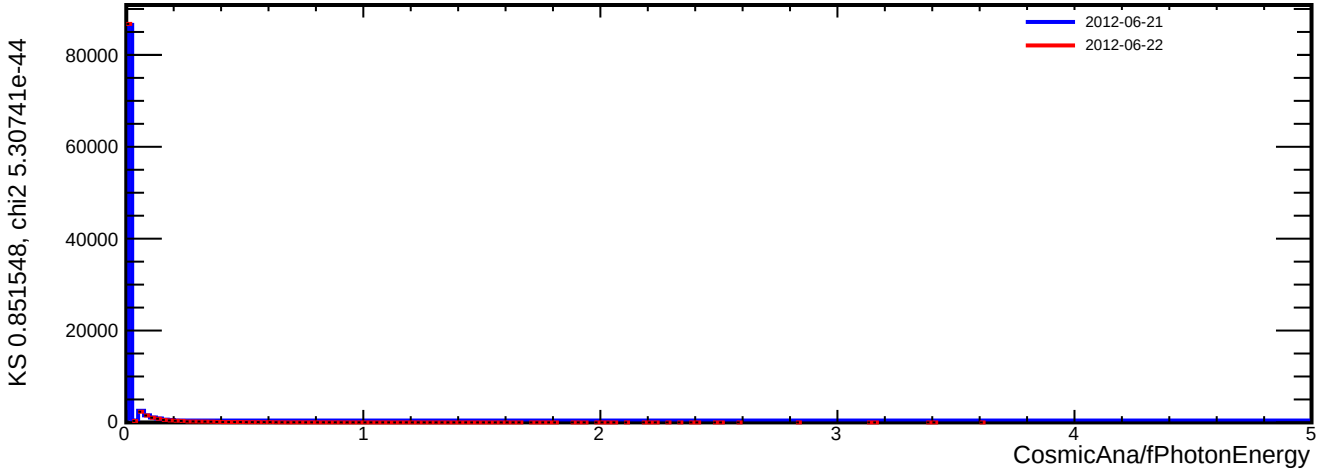

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

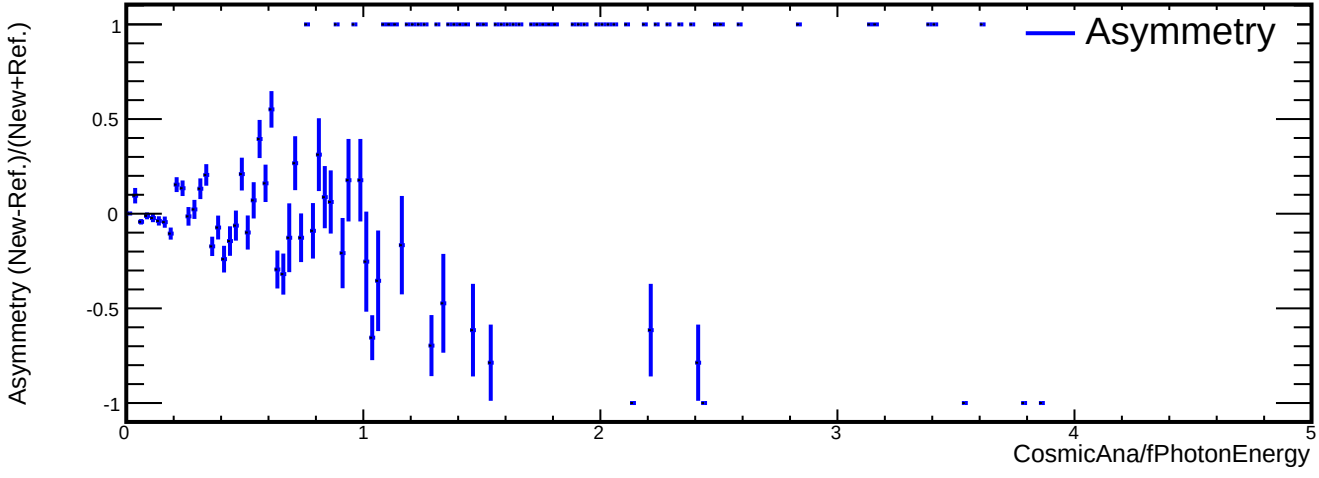

×10^3
250
200
150
100
50
0
KS 0, chi2 4.49948e-195
2012-06-21
2012-06-22
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
Asymmetry
1
0.5
0
Asymmetry (New-Ref.)/(New+Ref.)
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0

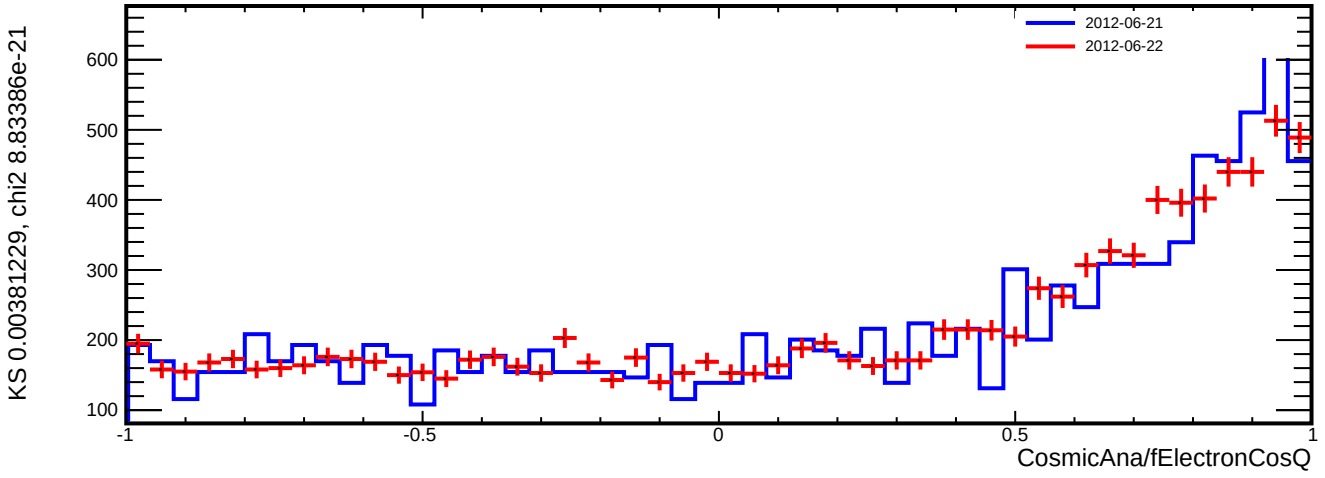

×10^3
300
200
100
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1
KS 0.196217, chi2 0.00042232
2012-06-21
2012-06-22

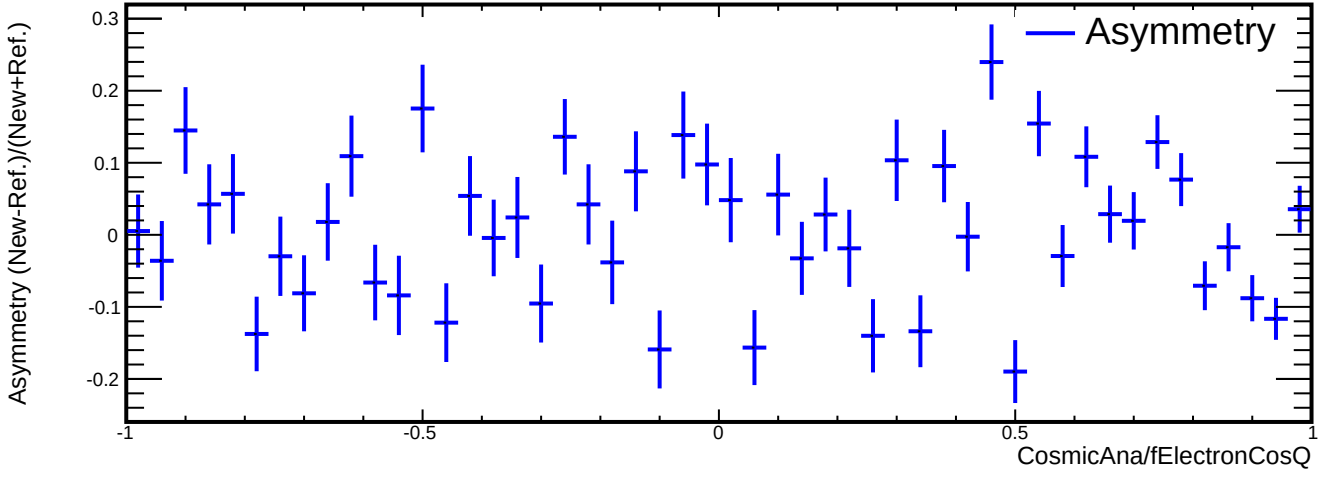

1
0.8
0.6
0.4
0.2
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry

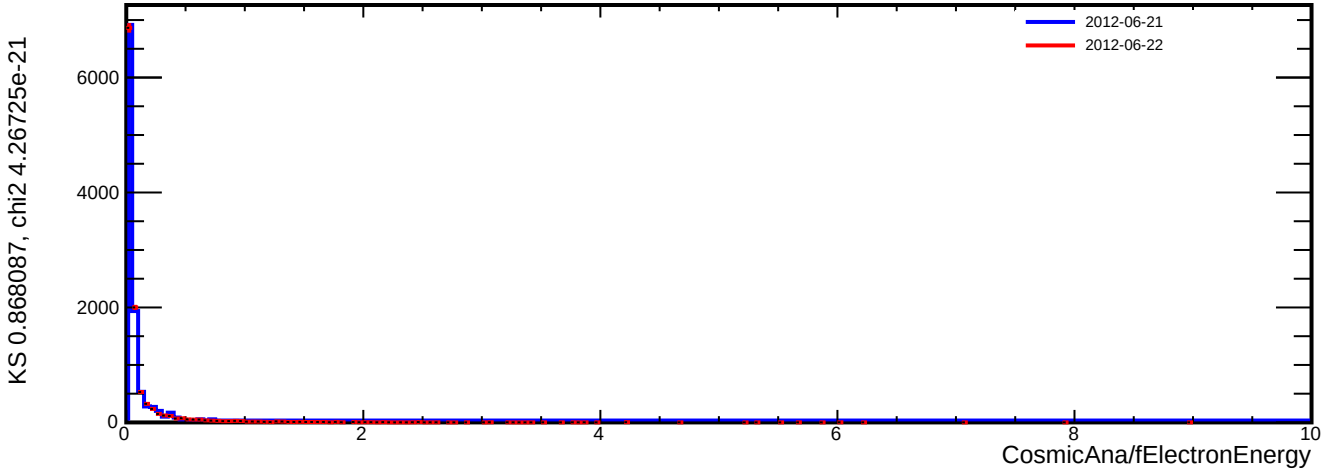

KS 0.00530756, chi2 5.43493e-34
2012-06-21
2012-06-22
2600
2400
2200
2000
1800
1600
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ

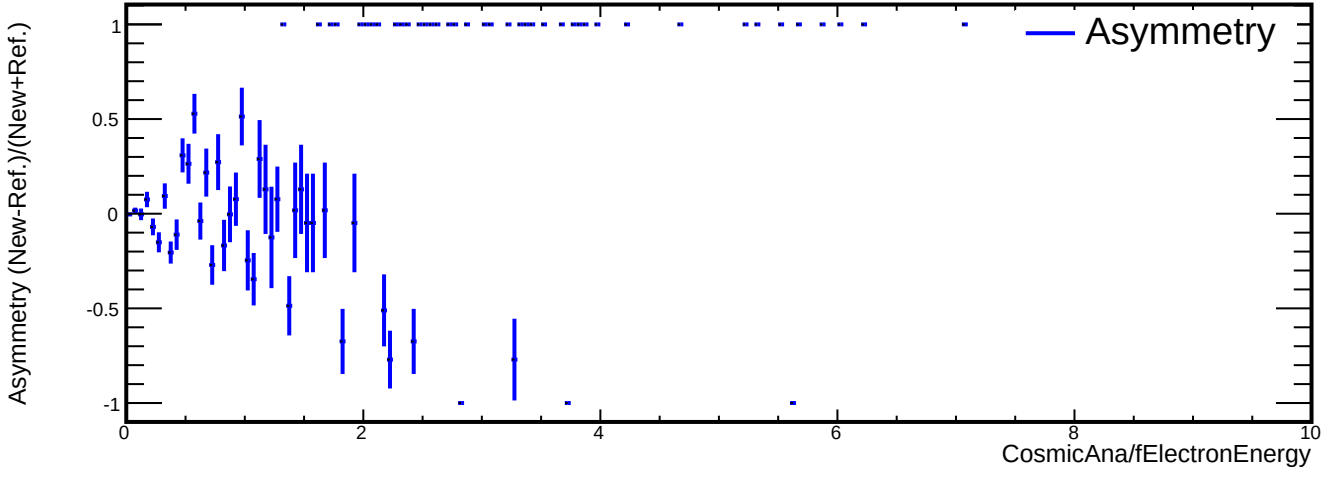

KS 0.851548, chi2 5.30741e-44
2012-06-21
2012-06-22
80000
60000
40000
20000
0
0
1
2
3
4
5
CosmicAna/fPhotonEnergy

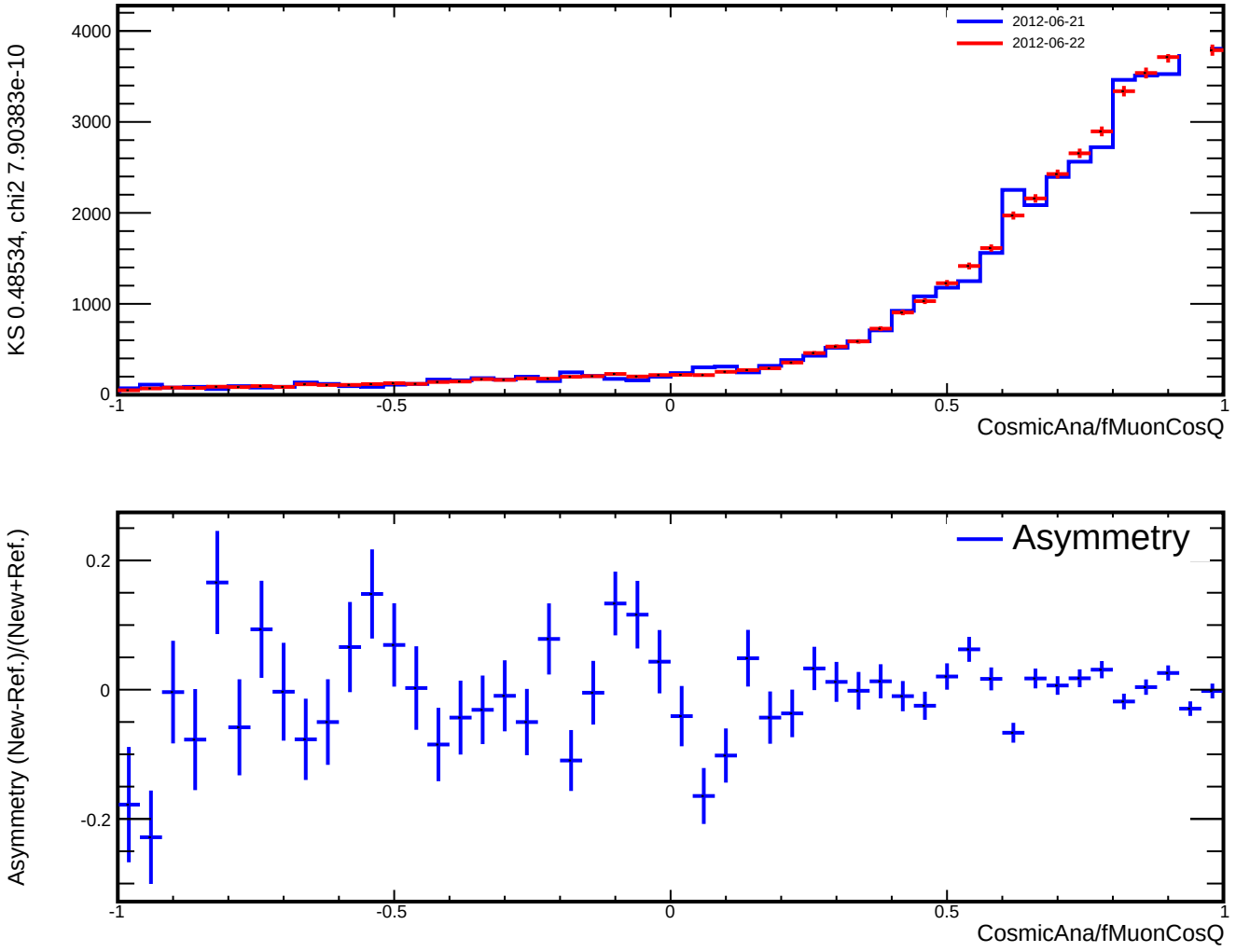

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1
2
3
4
5
CosmicAna/fPhotonEnergy

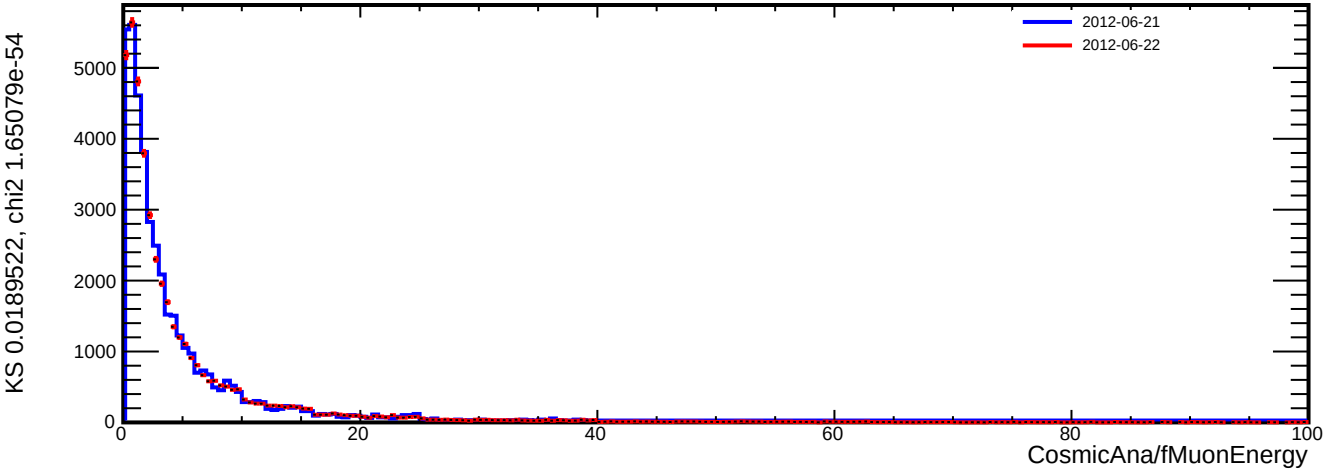

KS 0.00381229, chi2 8.83386e-21
2012-06-21
2012-06-22
600
500
400
300
200
100
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

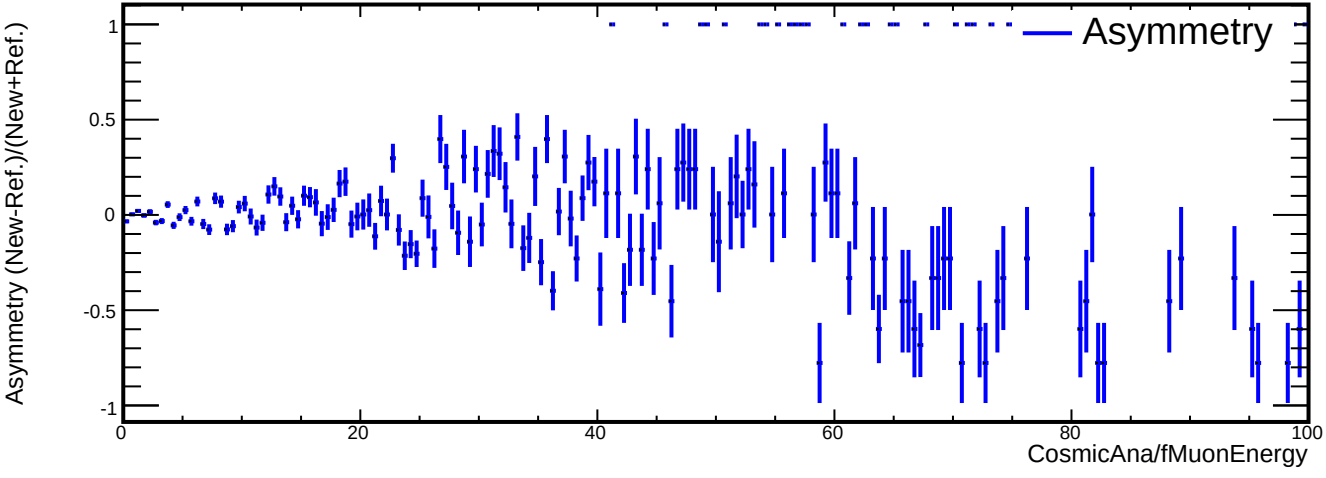

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.3
0.2
0.1
0
-0.1
-0.2
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

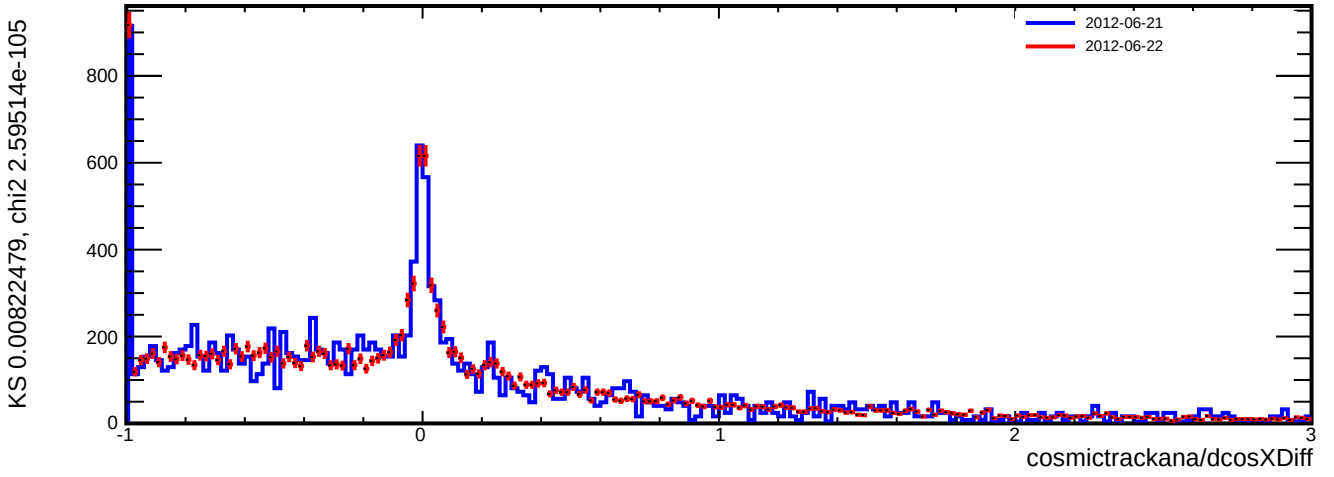

KS 0.868087, chi2 4.26725e-21
2012-06-21
2012-06-22
6000
4000
2000
0
0
2
4
6
8
10
CosmicAna/fElectronEnergy

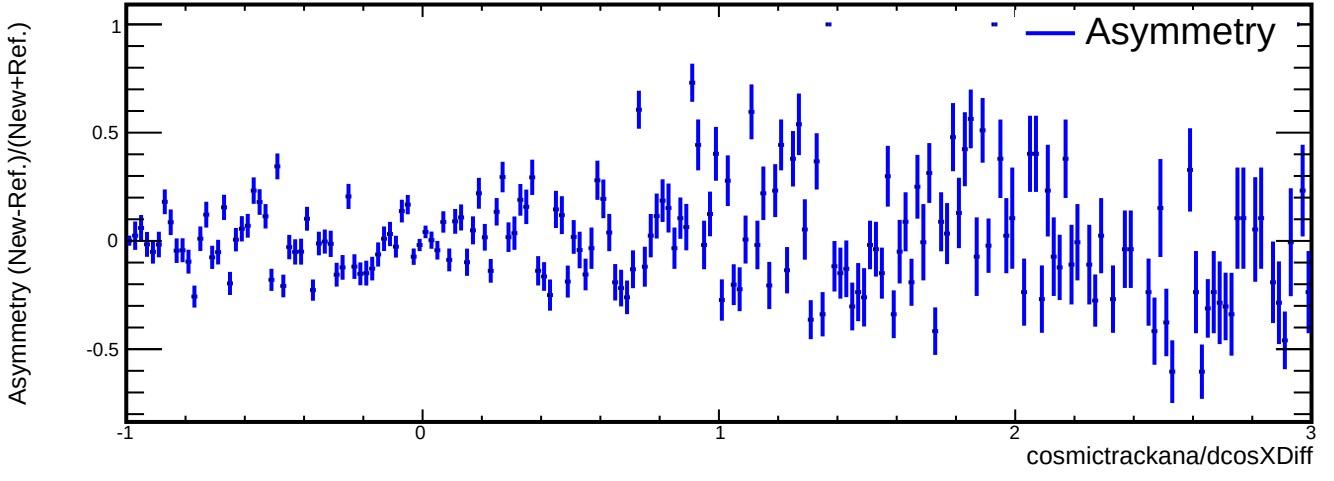

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
2
4
6
8
10
CosmicAna/fElectronEnergy

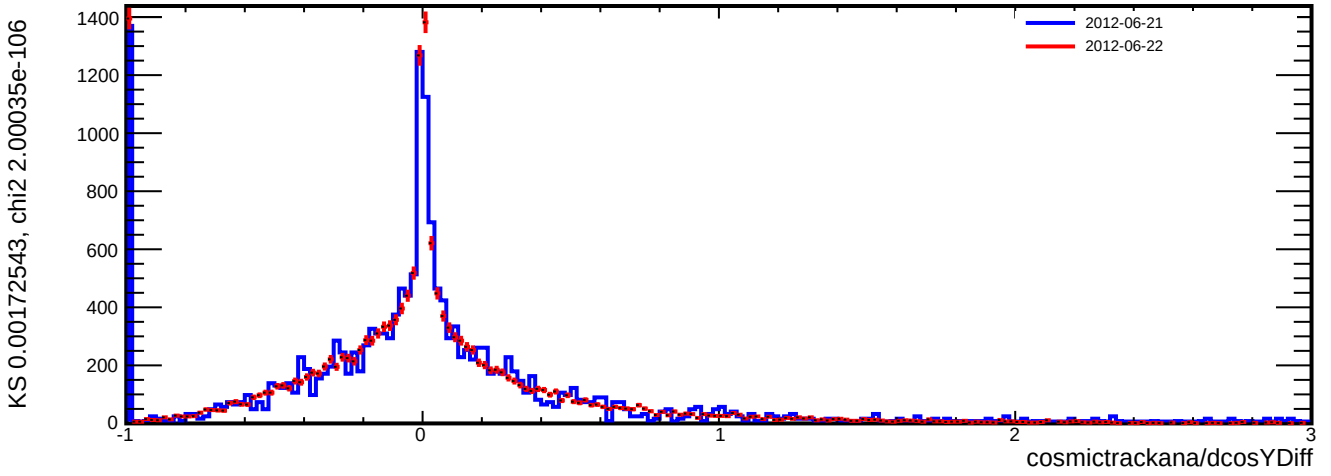

KS 0.48534, chi2 7.90383e-10
2012-06-21
2012-06-22
CosmicAna/fMuonCosQ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
CosmicAna/fMuonCosQ

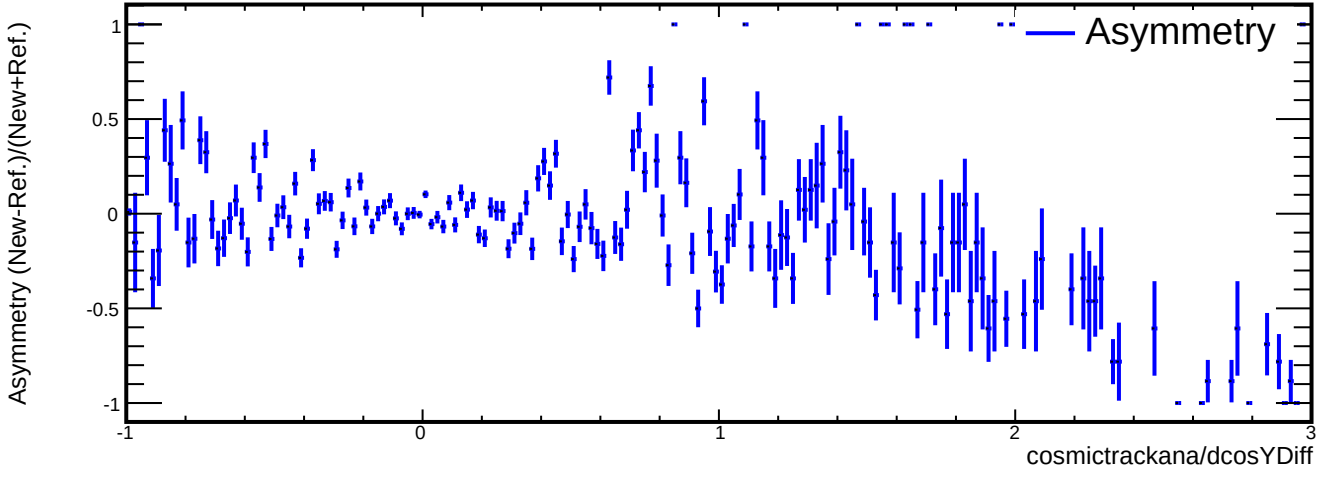

KS 0.0189522, chi2 1.65079e-54
2012-06-21
2012-06-22
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
CosmicAna/fMuonEnergy

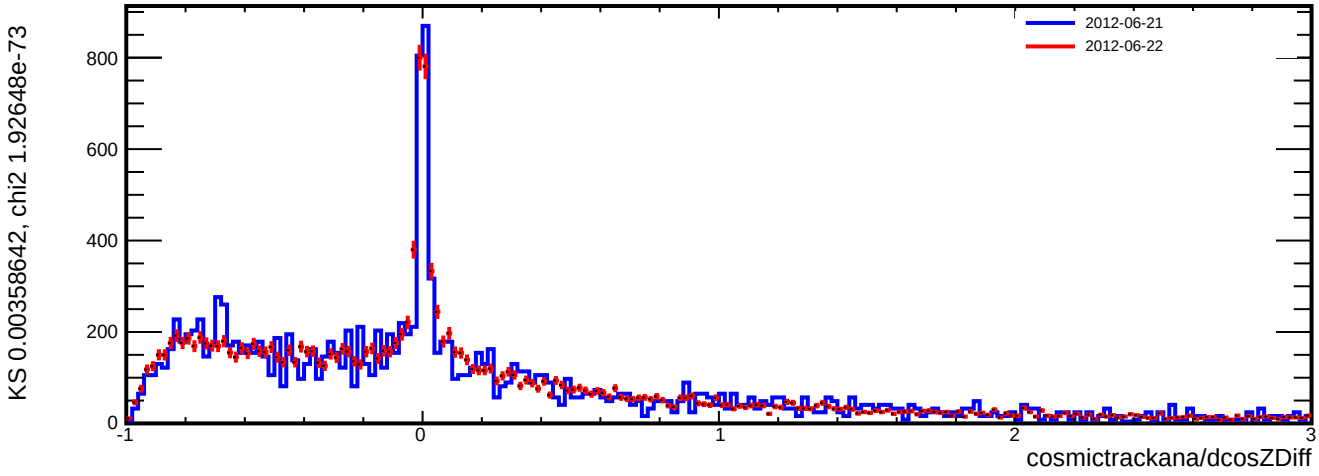

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
20
40
60
80
100
CosmicAna/fMuonEnergy

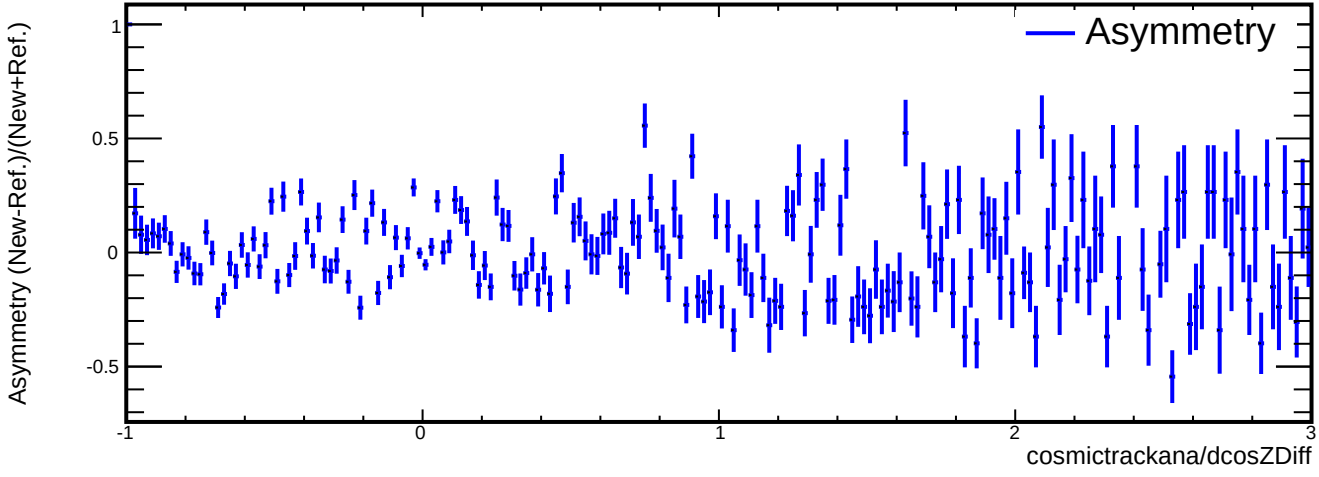

KS 0.00822479, chi2 2.59514e-105
2012-06-21
2012-06-22
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosXDiff

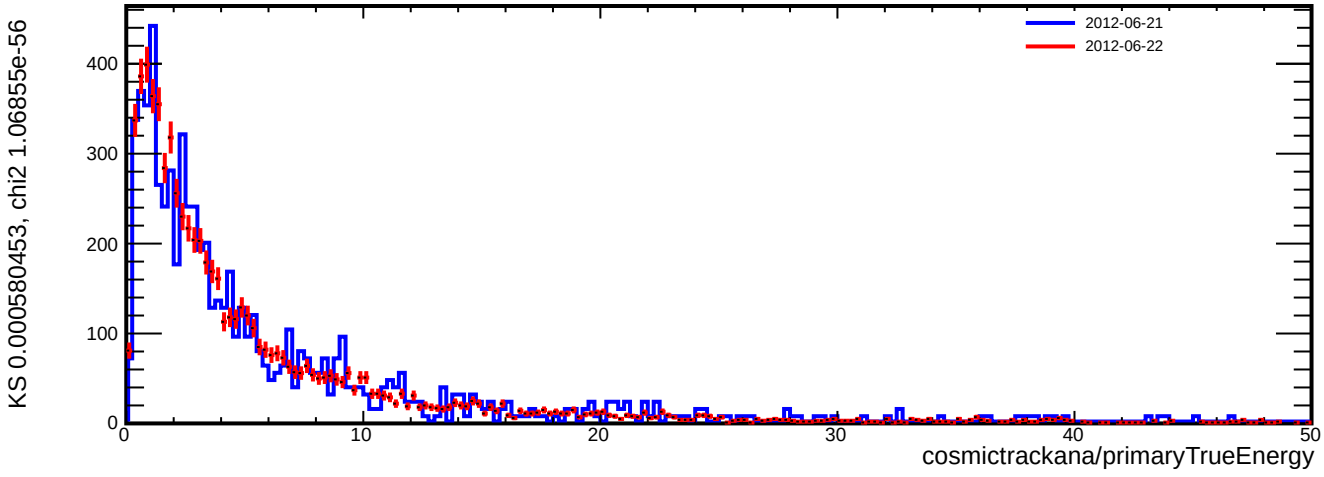

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1
2
3
cosmictrackana/dcosXDiff

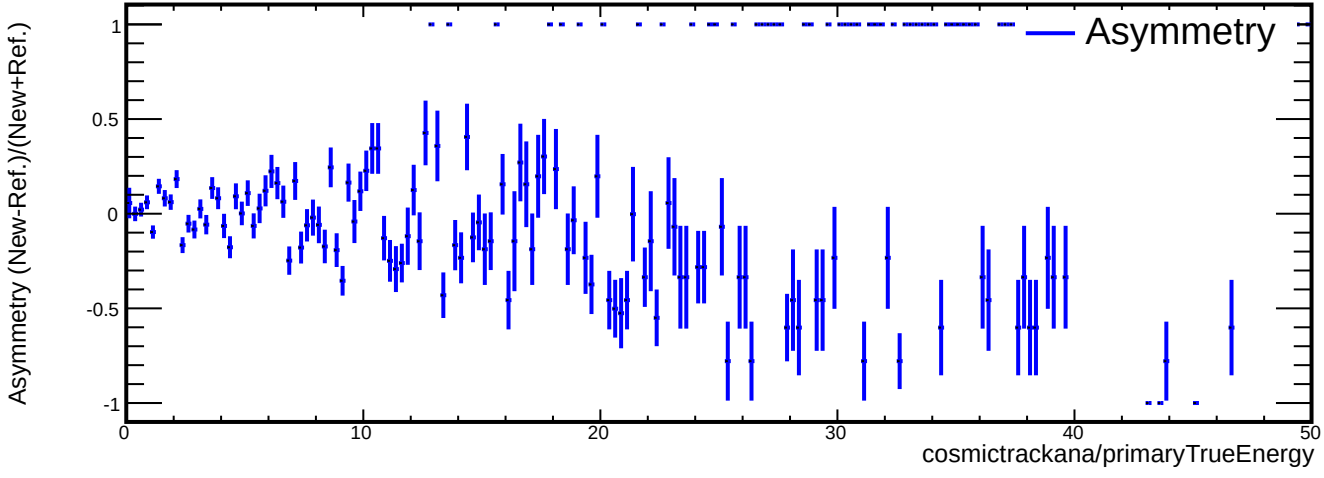

KS 0.00172543, chi2 2.00035e-106
2012-06-21
2012-06-22
cosmictrackana/dcosYDiff

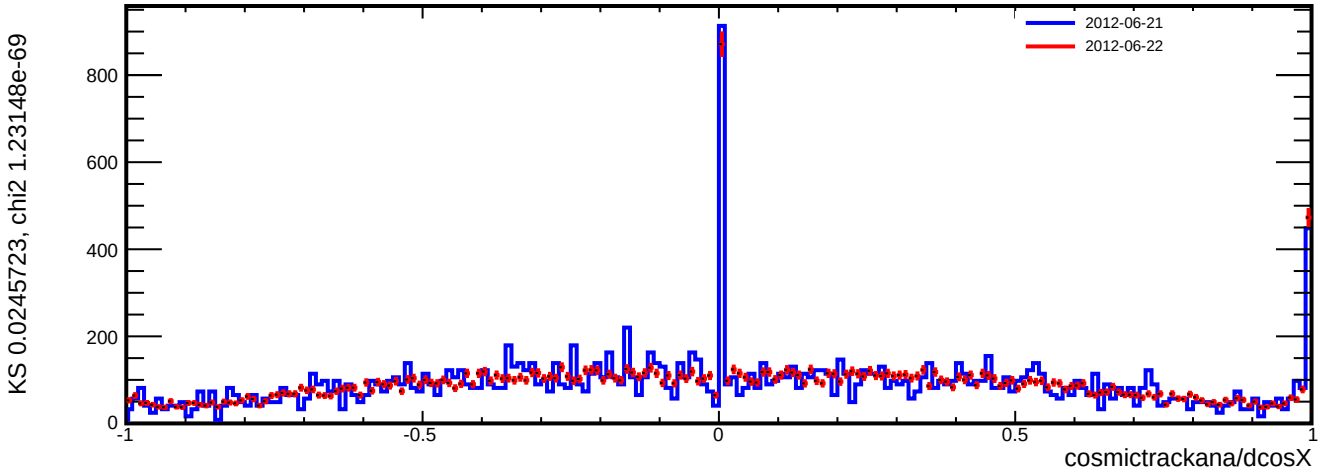

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosYDiff

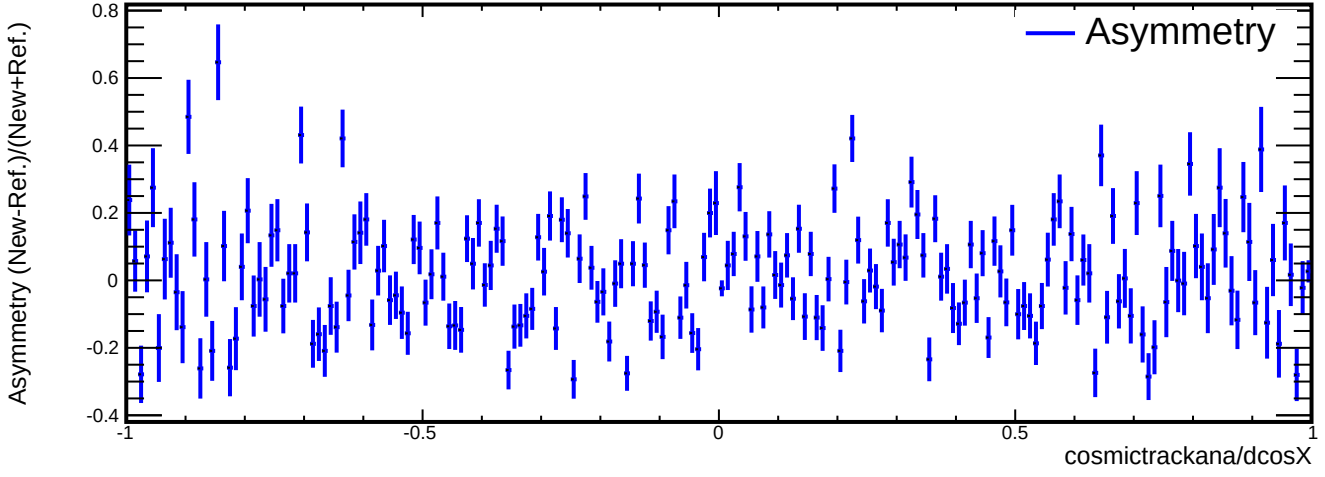

KS 0.00358642, chi2 1.92648e-73
2012-06-21
2012-06-22
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosZDiff

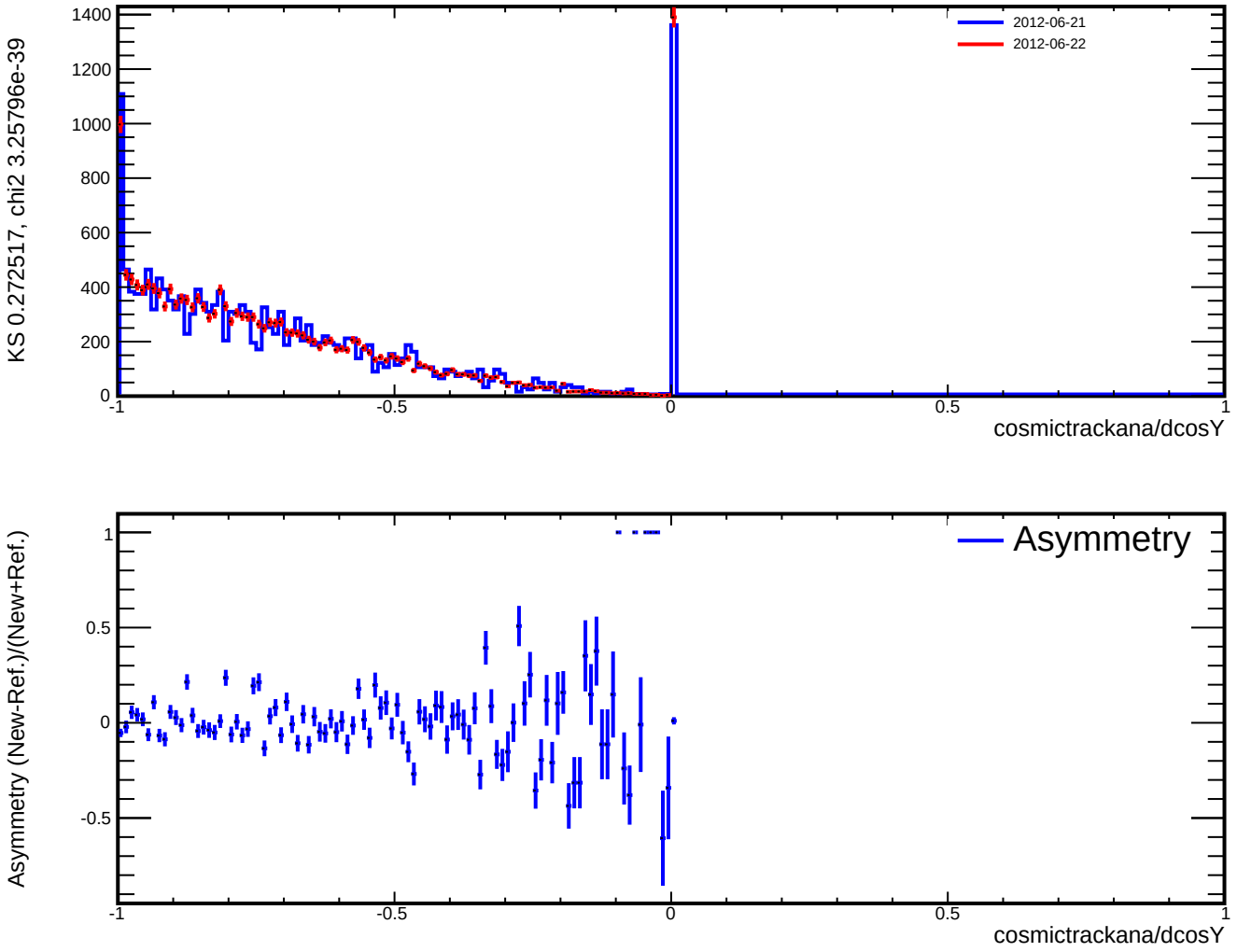

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1
2
3
cosmictrackana/dcosZDiff

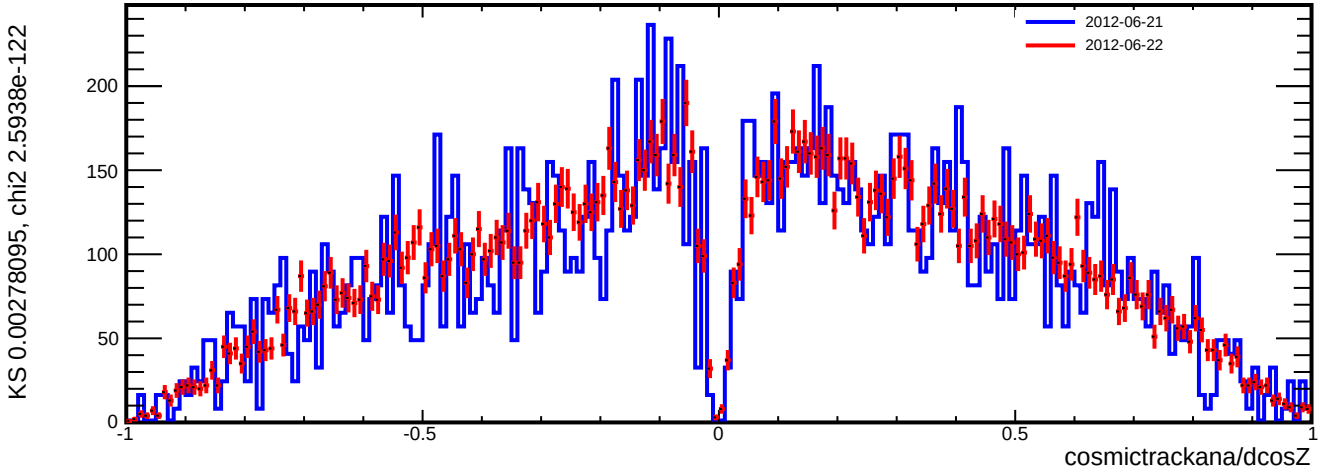

KS 0.000580453, chi2 1.06855e-56
2012-06-21
2012-06-22
400
300
200
100
0
0
10
20
30
40
50
cosmictrackana/primaryTrueEnergy

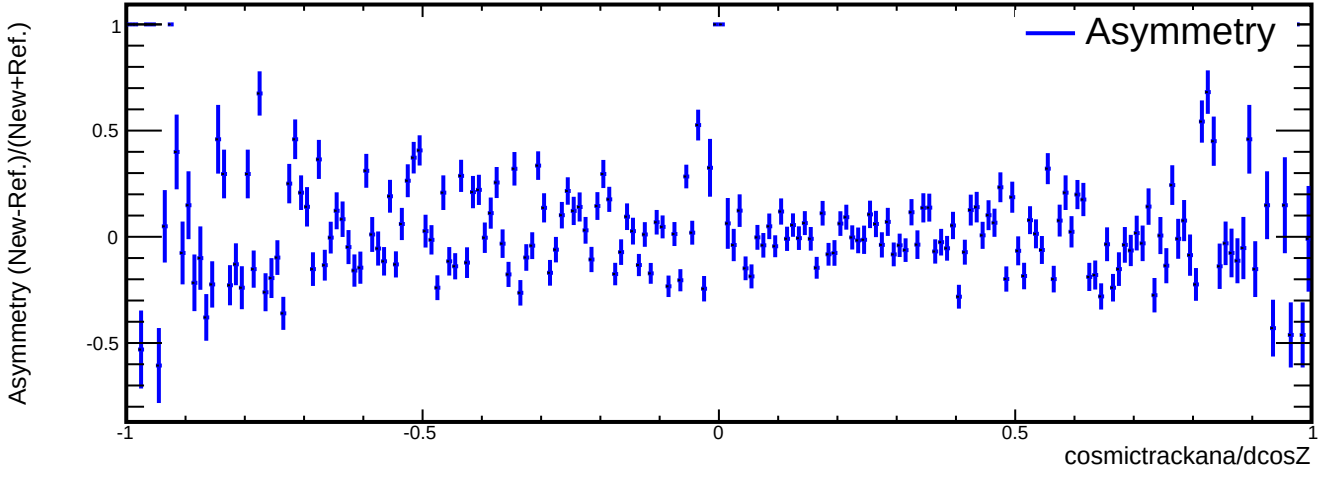

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
cosmictrackana/primaryTrueEnergy

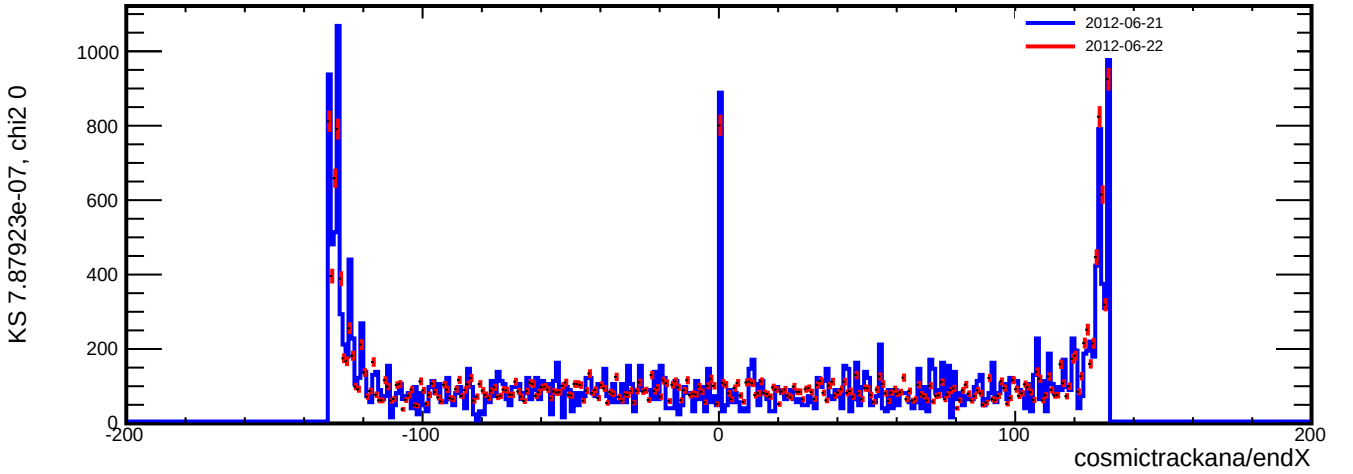

KS 0.0245723, chi2 1.23148e-69
2012-06-21
2012-06-22
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

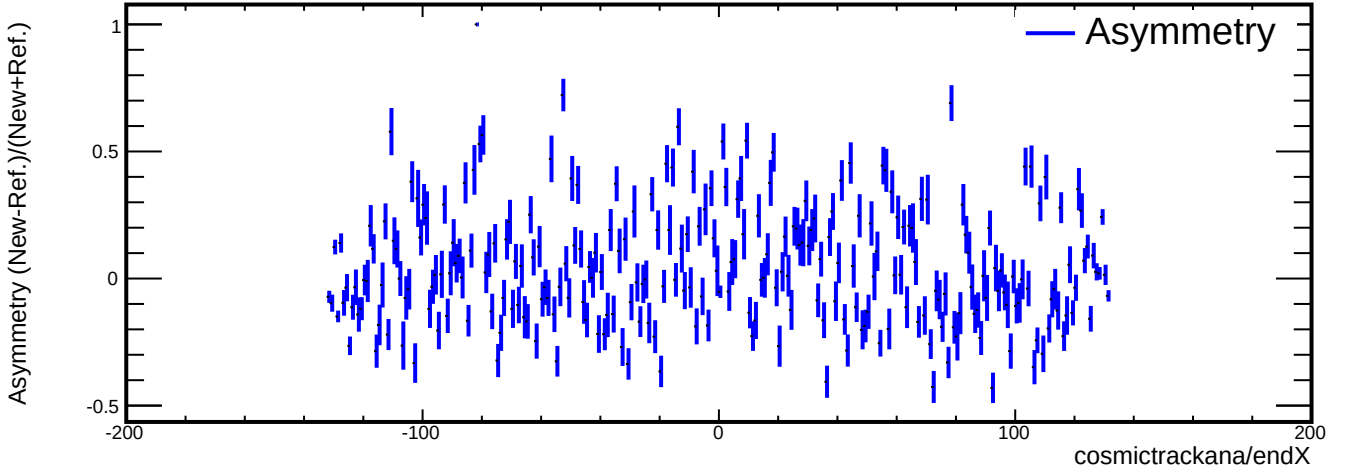

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

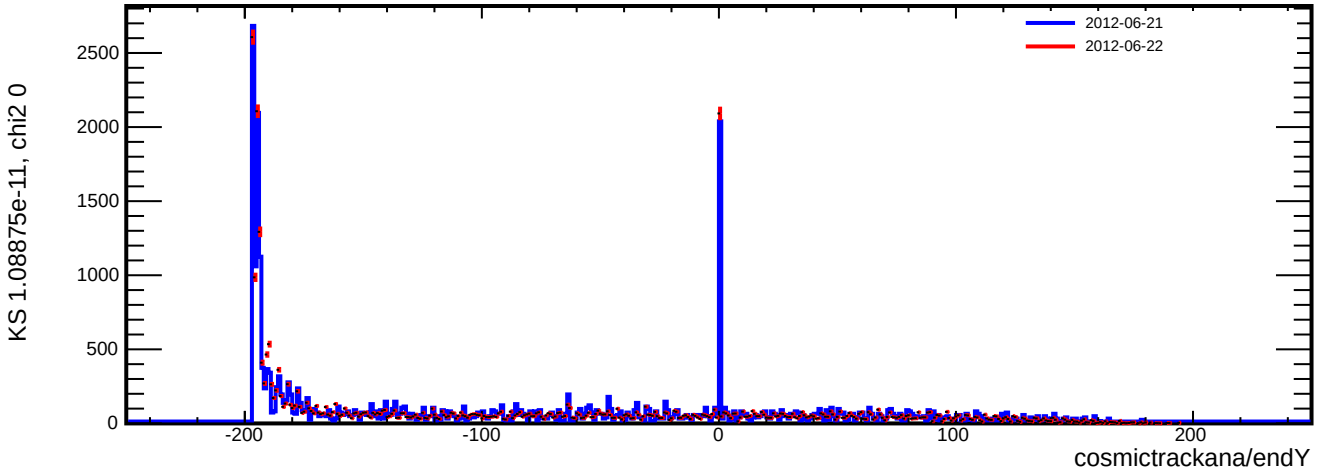

KS 0.272517, chi2 3.25796e-39
2012-06-21
2012-06-22
cosmictrackana/dcosY
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosY

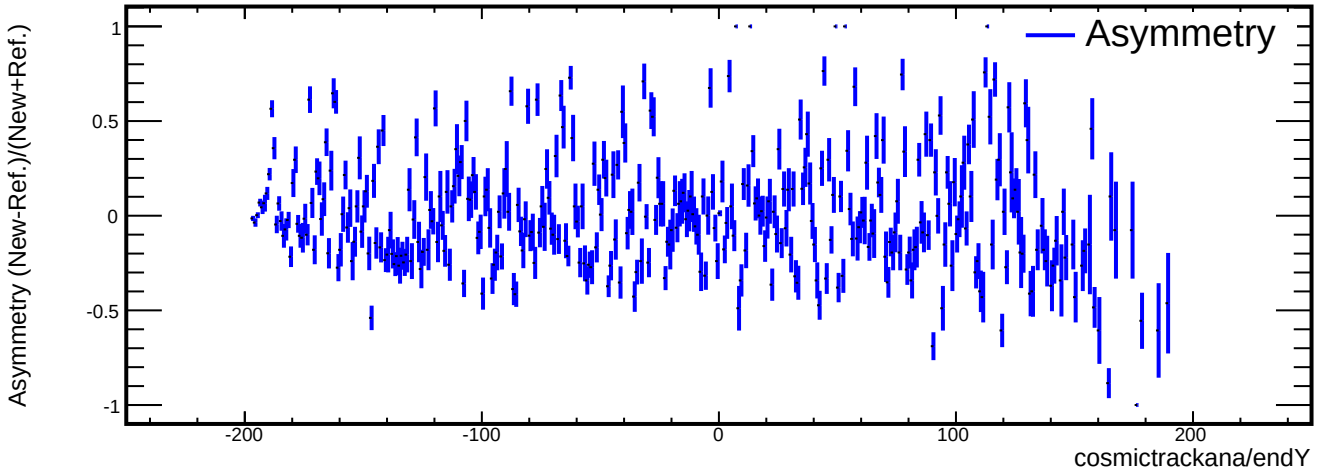

KS 0.00278095, chi2 2.5938e-122
2012-06-21
2012-06-22
200
150
100
50
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosZ

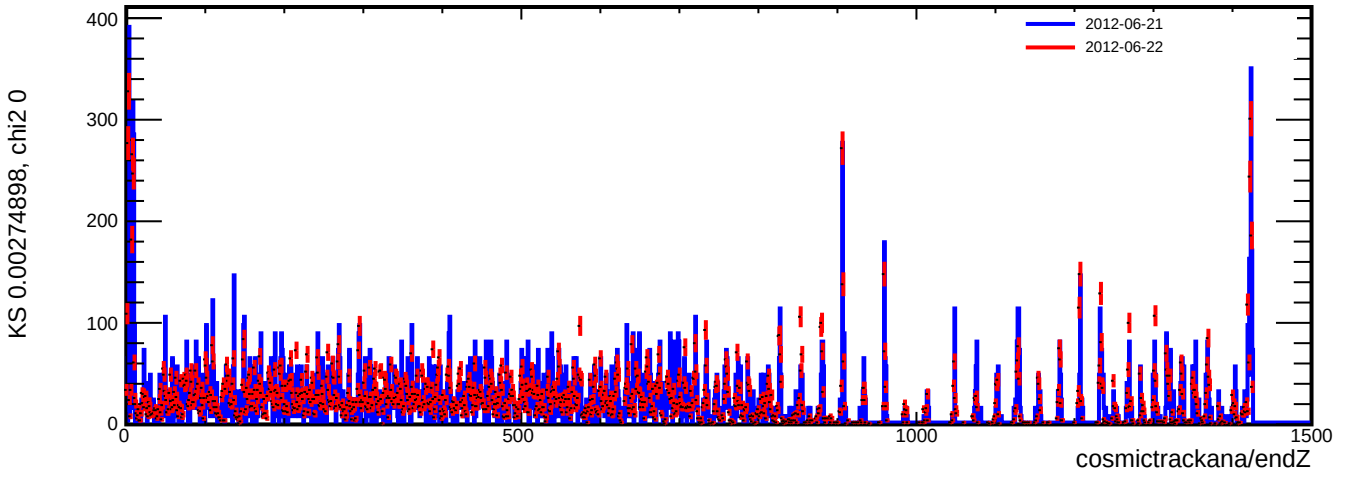

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dcosZ

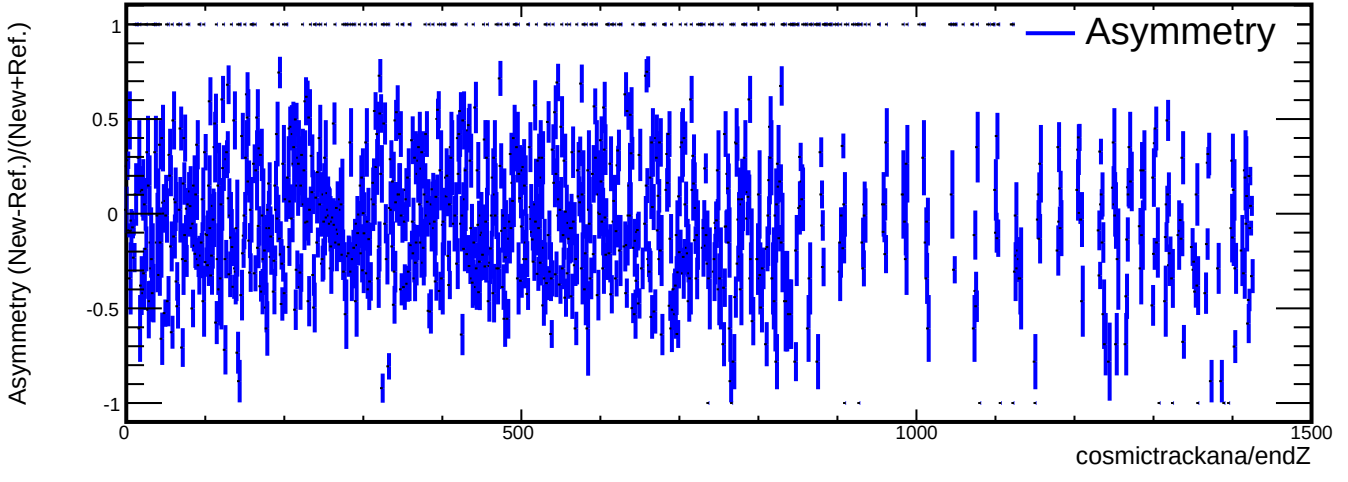

2012-06-21
2012-06-22
KS 7.87923e-07, chi2 0
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX

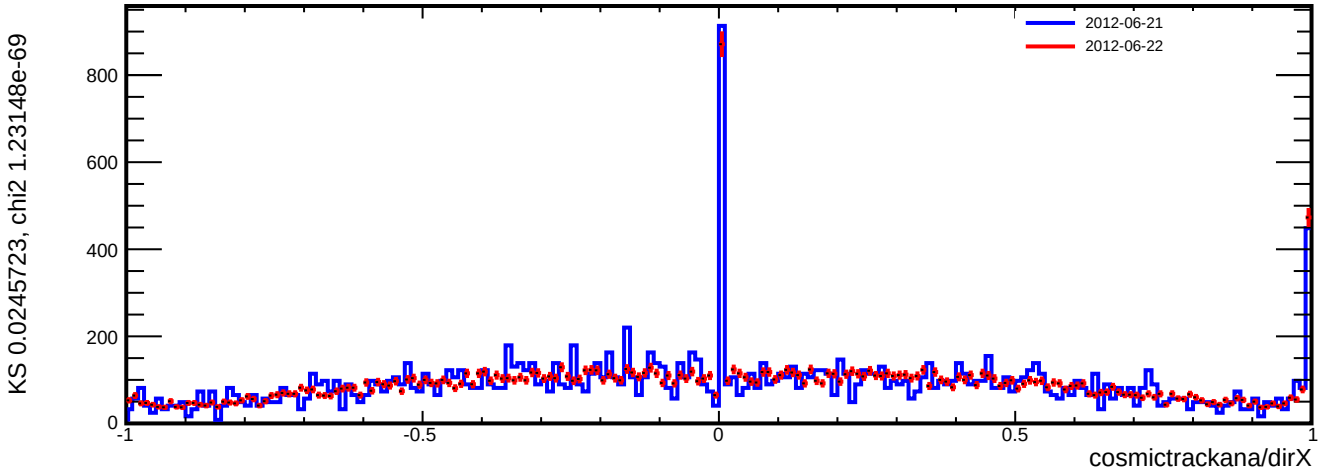

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/endX

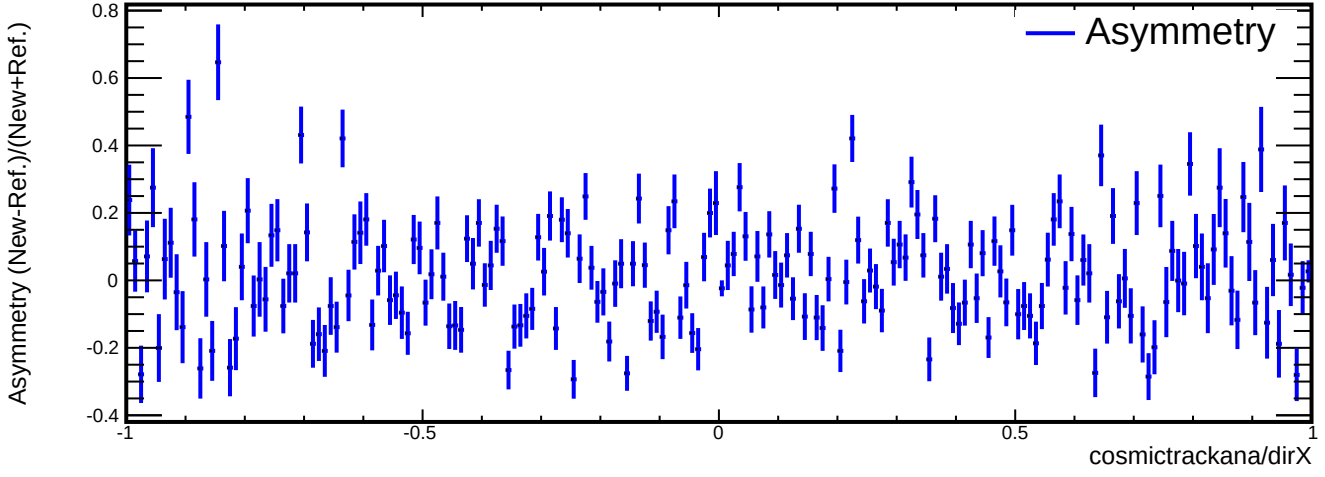

2012-06-21
2012-06-22
KS 1.08875e-11, chi2 0
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

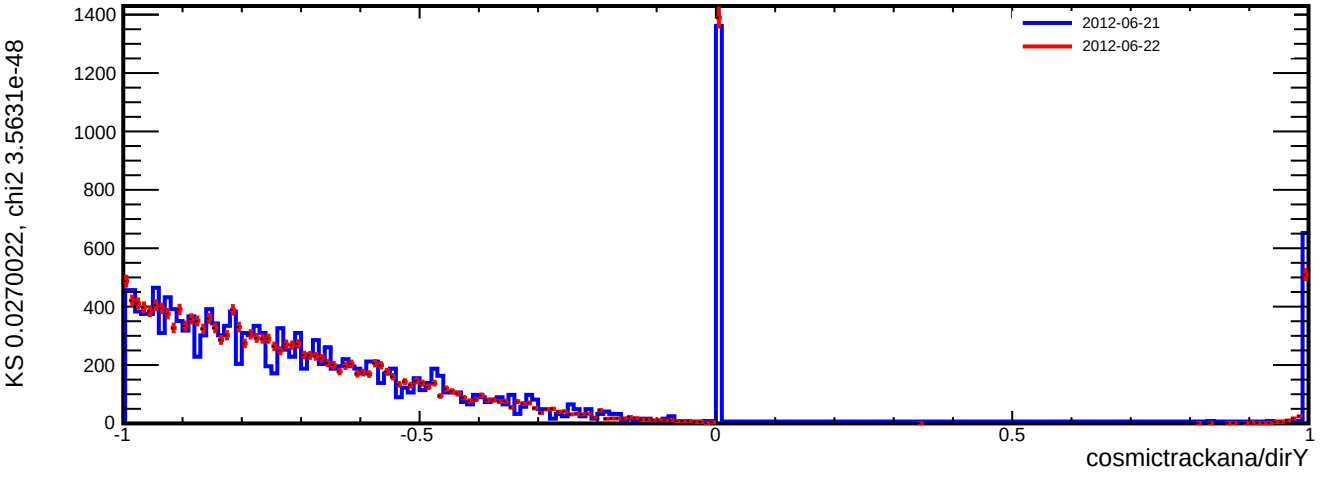

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

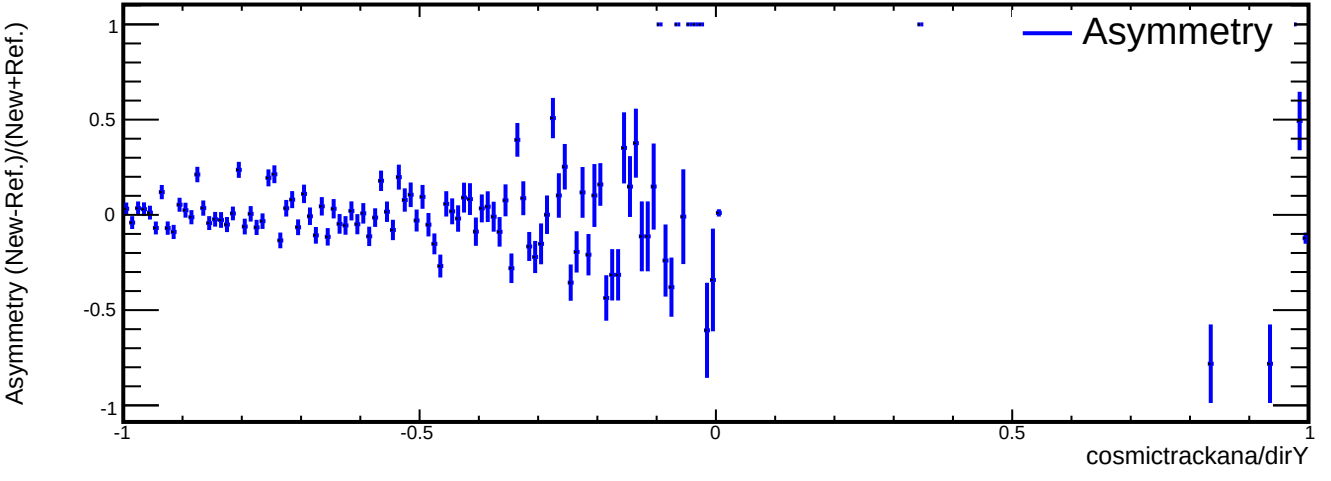

KS 0.00274898, chi2 0
400
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ
2012-06-21
2012-06-22

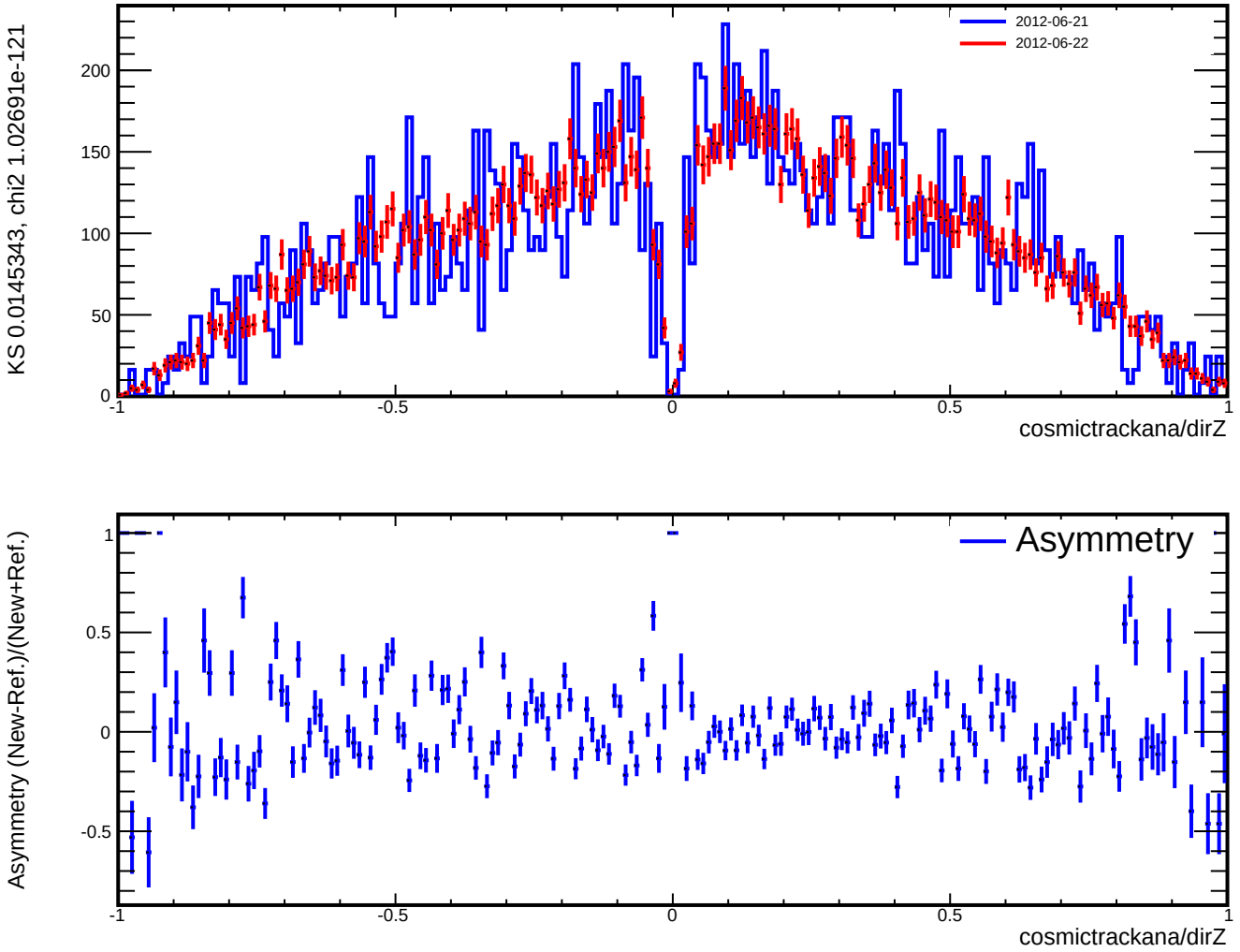

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ
Asymmetry

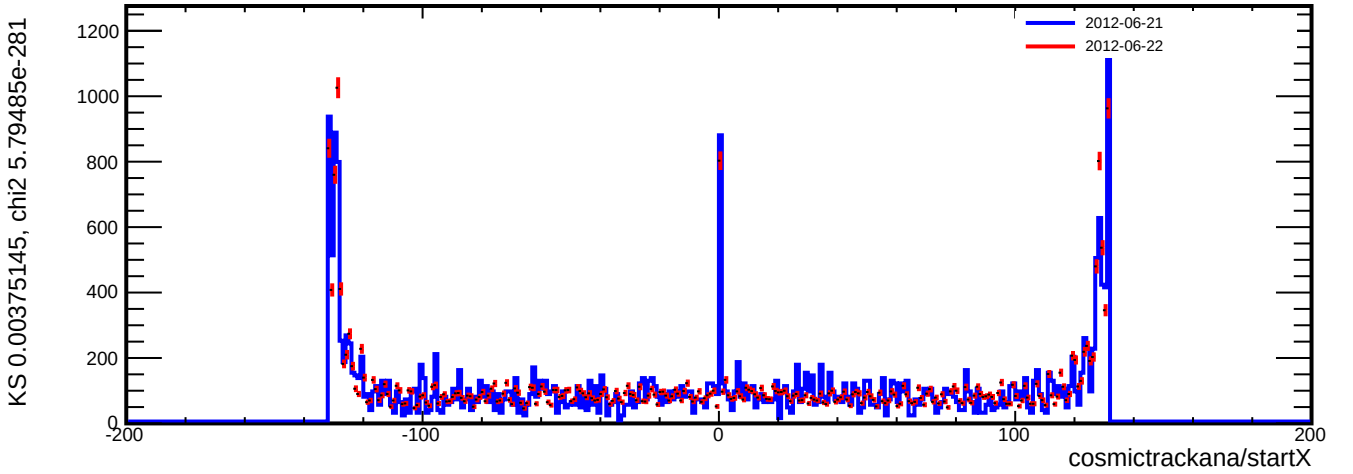

KS 0.0245723, chi2 1.23148e-69
2012-06-21
2012-06-22
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dirX

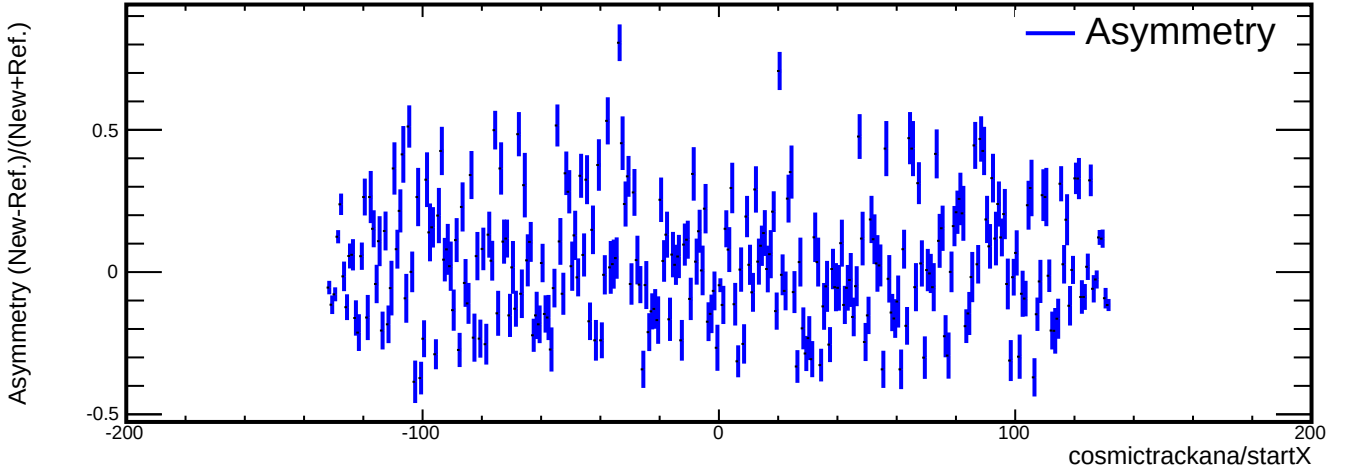

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-1
-0.5
0
0.5
1
cosmictrackana/dirX

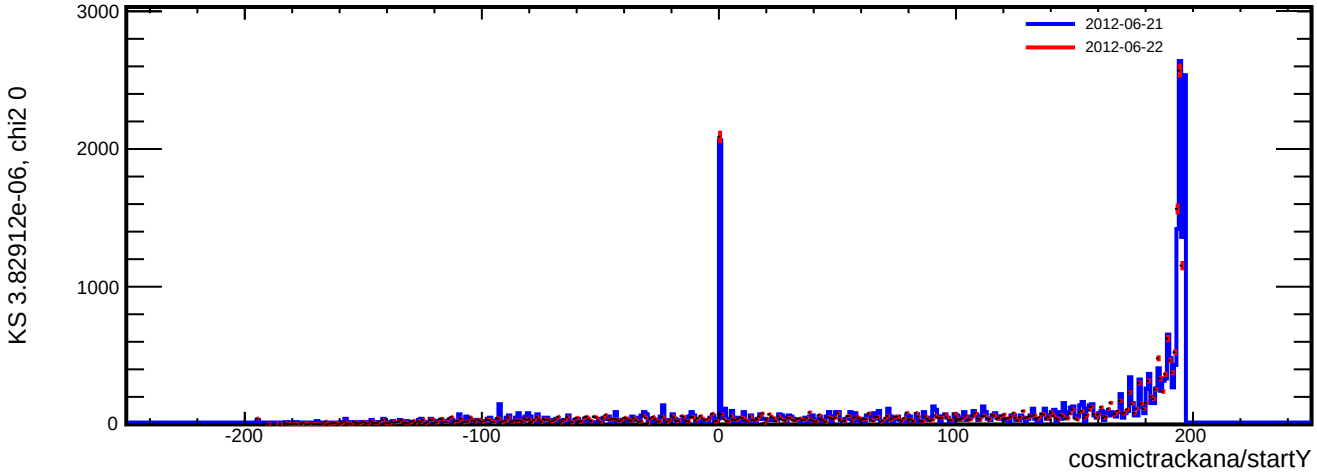

KS 0.0270022, chi2 3.5631e-48
2012-06-21
2012-06-22
cosmictrackana/dirY

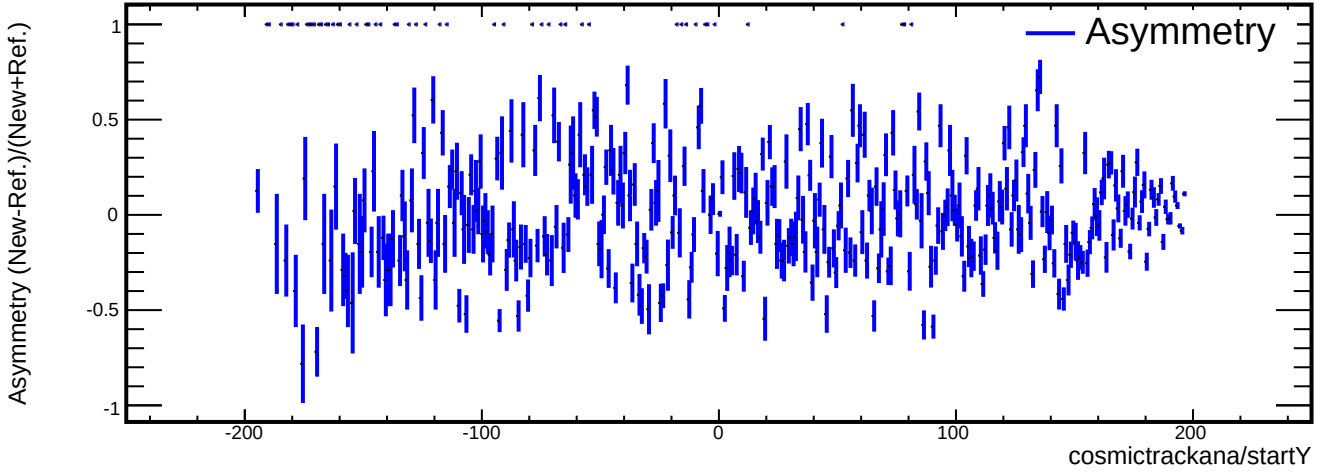

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirY

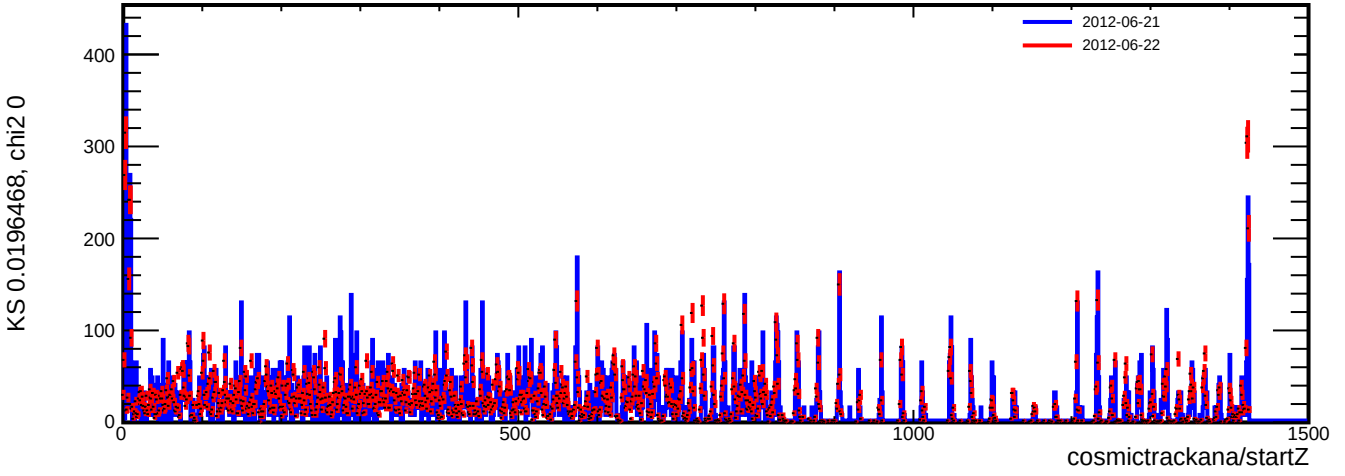

KS 0.0145343, chi2 1.02691e-121
2012-06-21
2012-06-22
cosmictrackana/dirZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirZ

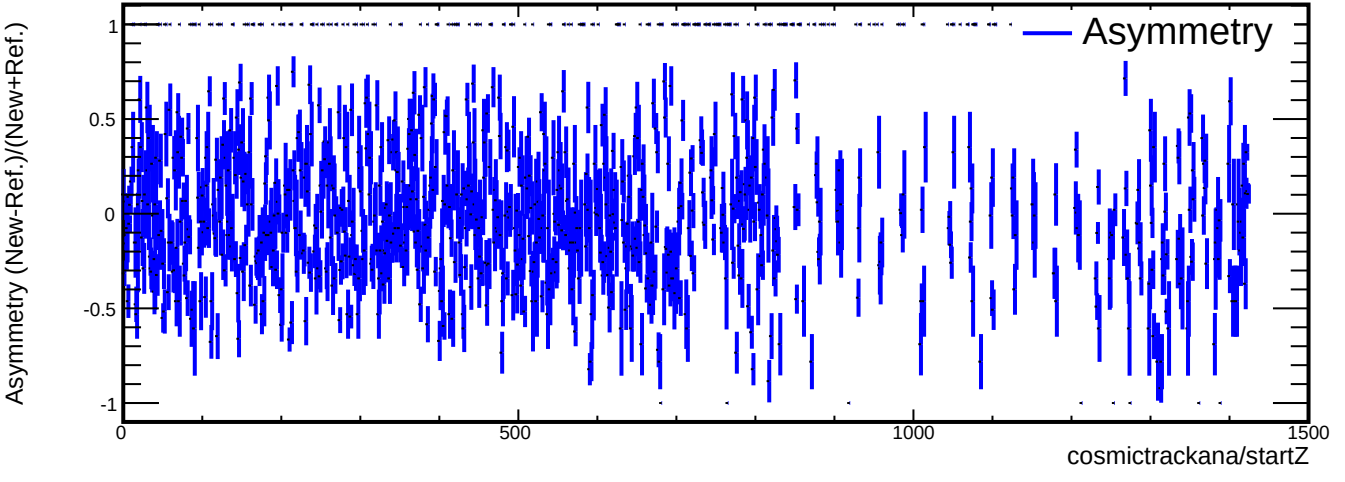

KS 0.00375145, chi2 5.79485e-281
2012-06-21
2012-06-22
1200
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

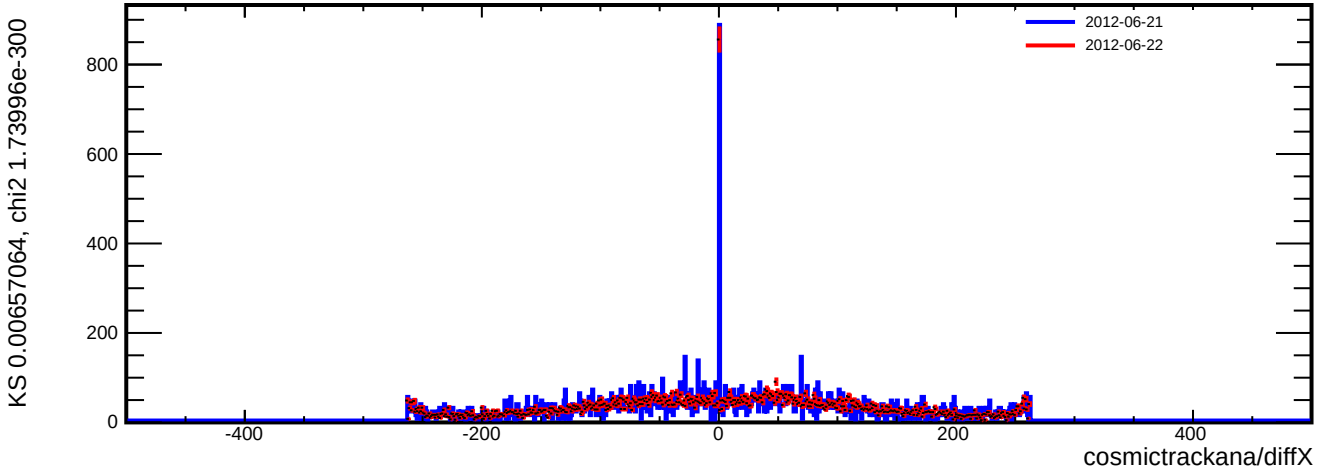

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/startX

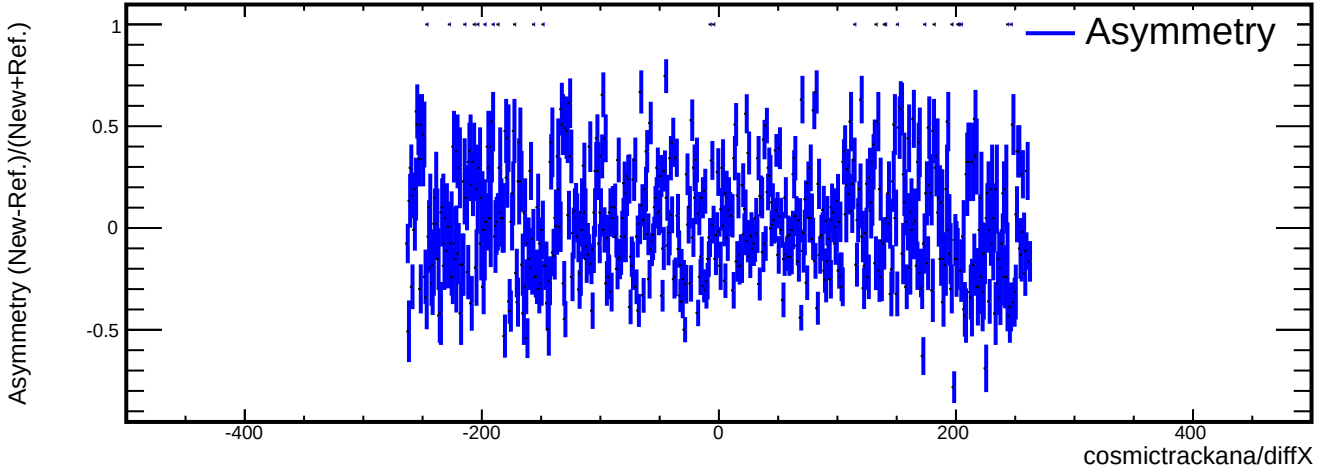

KS 3.82912e-06, chi2 0
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY
2012-06-21
2012-06-22

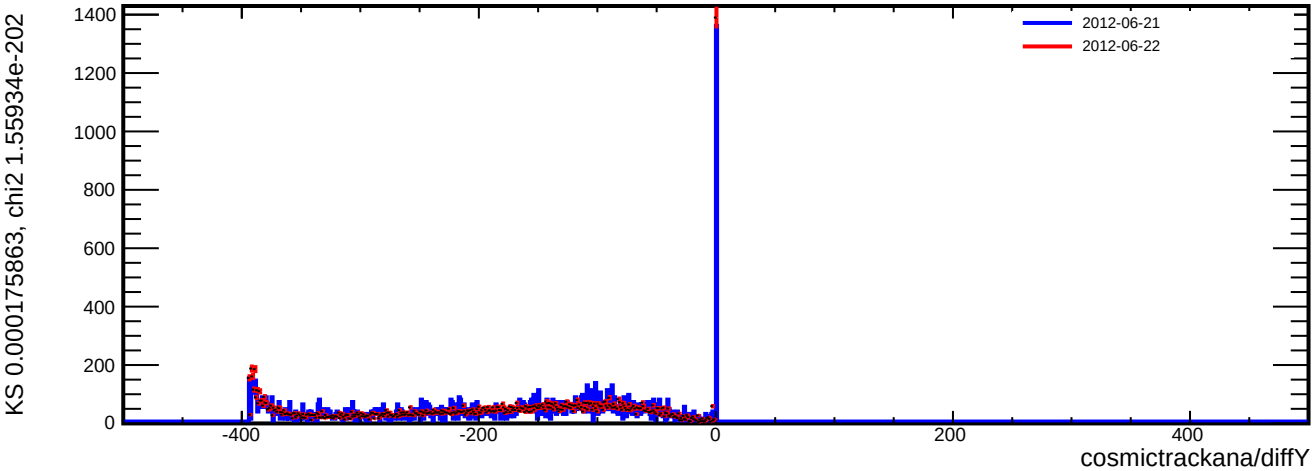

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY
Asymmetry

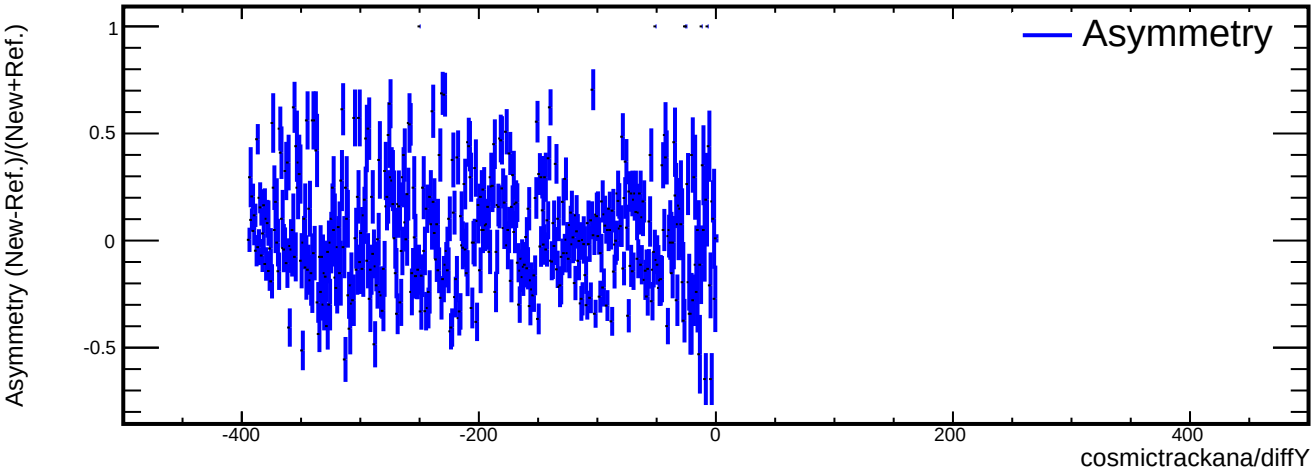

2012-06-21
2012-06-22
KS 0.0196468, chi2 0
400
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

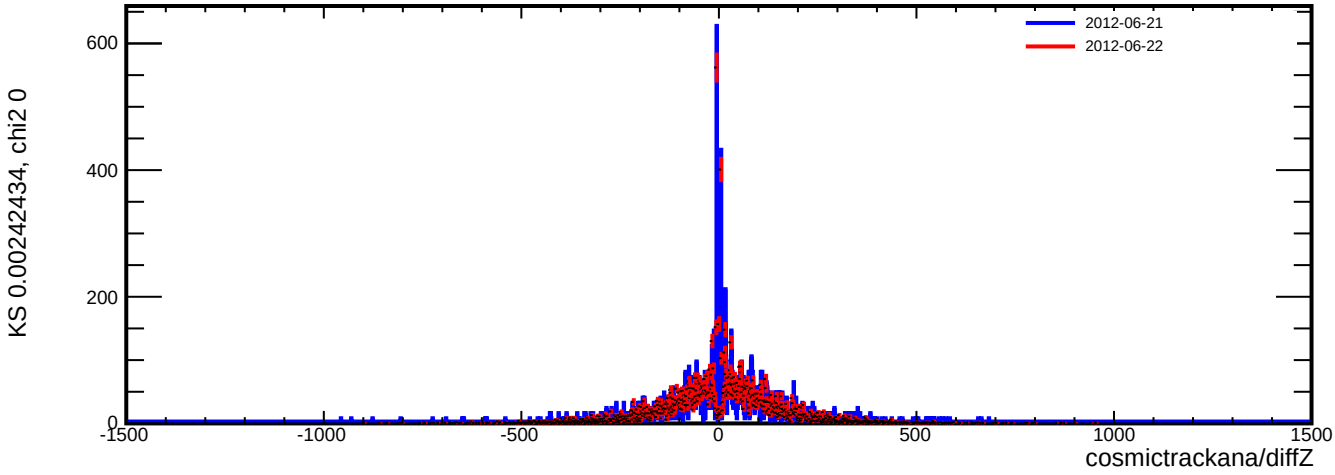

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ

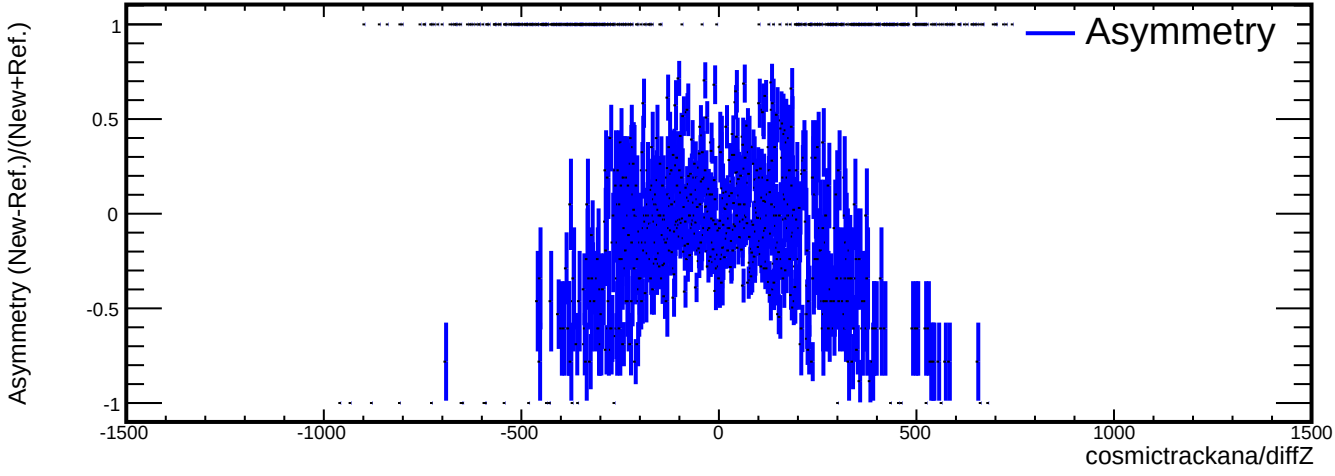

KS 0.00657064, chi2 1.73996e-300
2012-06-21
2012-06-22
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX

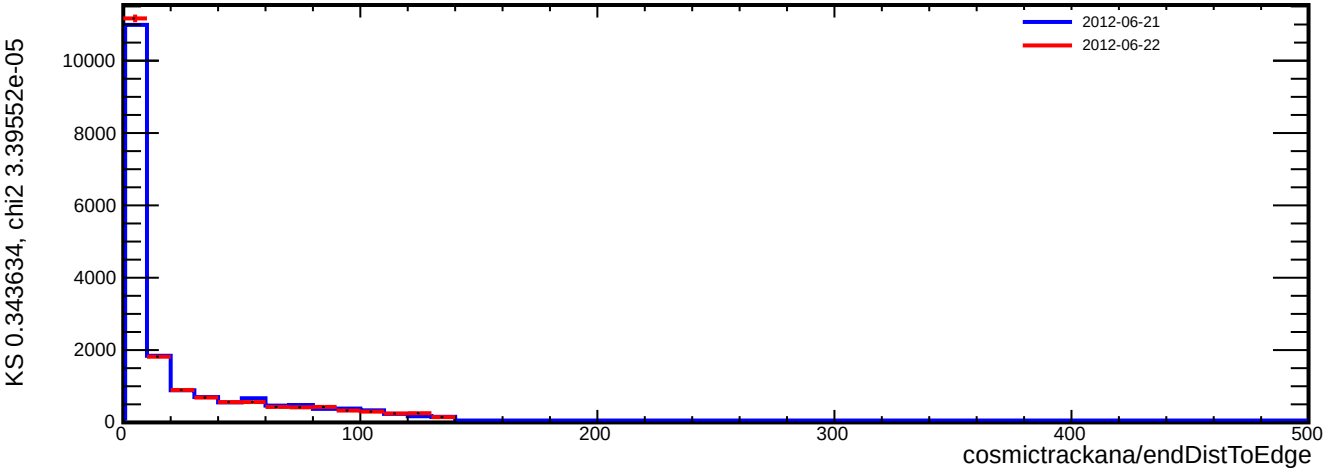

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffX

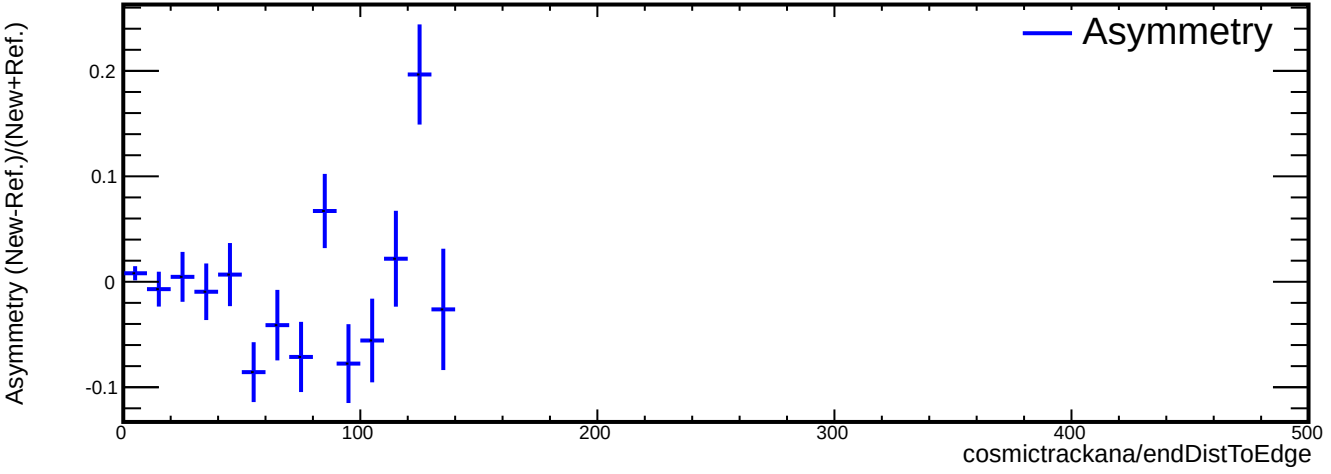

KS 0.000175863, chi2 1.55934e-202
1400
1200
1000
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffY
2012-06-21
2012-06-22

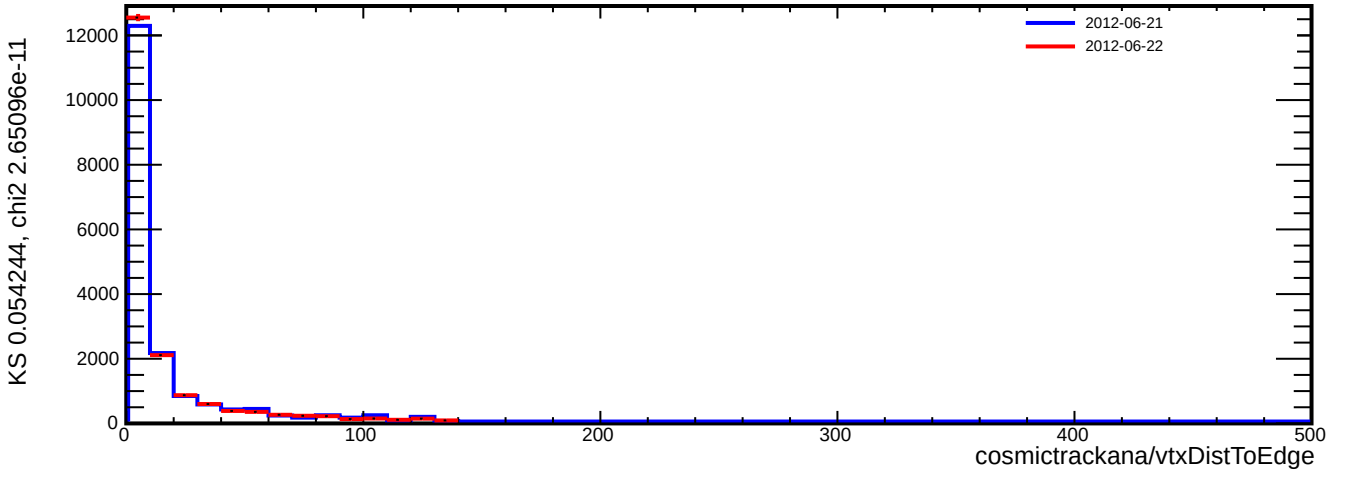

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffY
Asymmetry

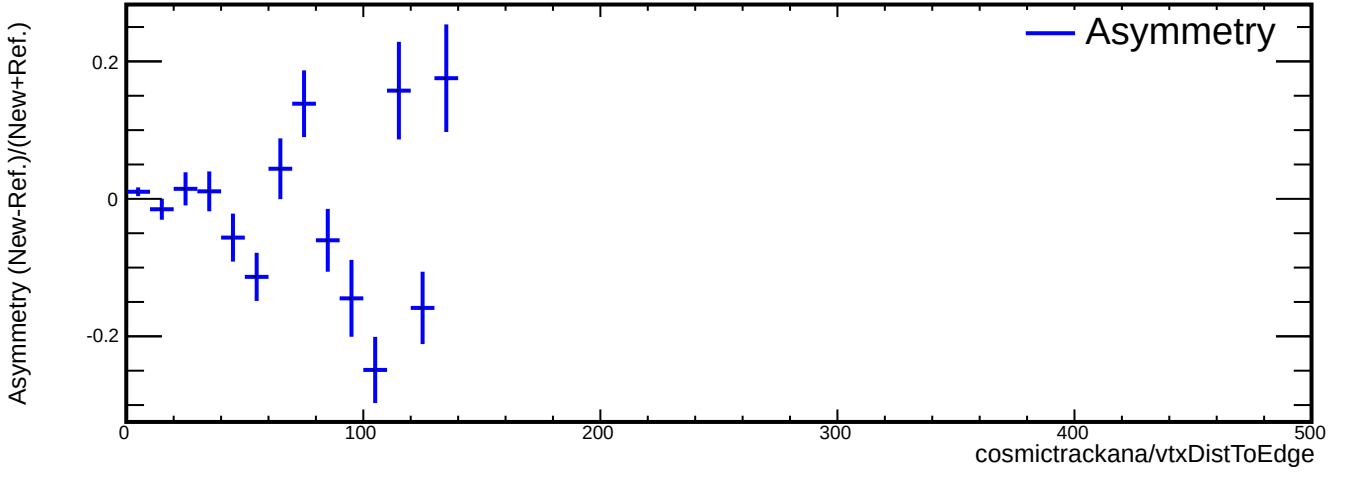

KS 0.00242434, chi2 0
600
400
200
0
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ
2012-06-21
2012-06-22

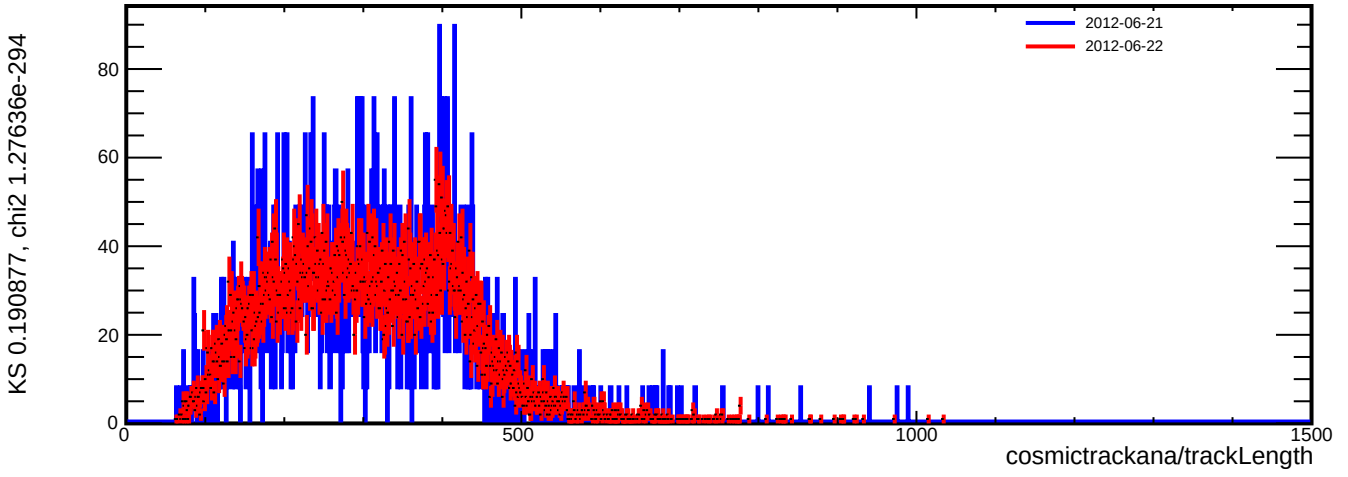

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ
Asymmetry

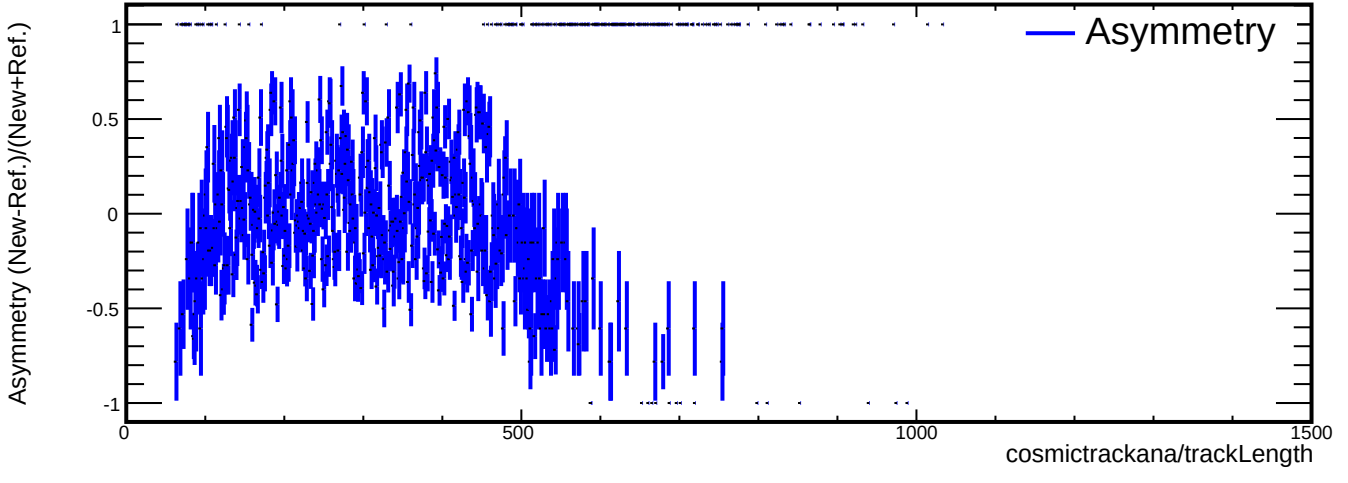

KS 0.343634, chi2 3.39552e-05
2012-06-21
2012-06-22
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/endDistToEdge

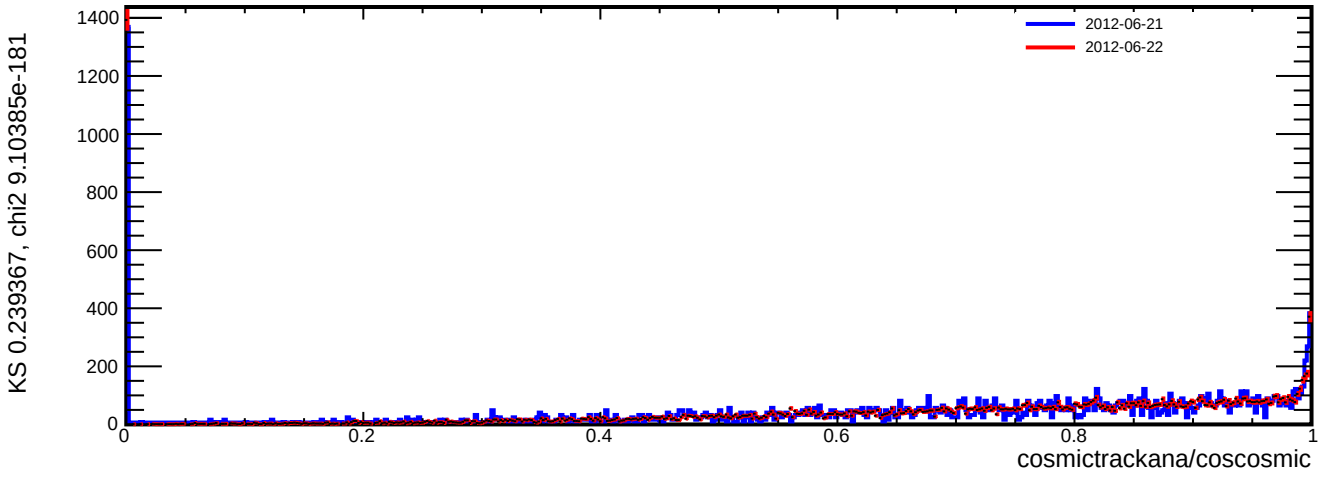

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
0
100
200
300
400
500
cosmictrackana/endDistToEdge

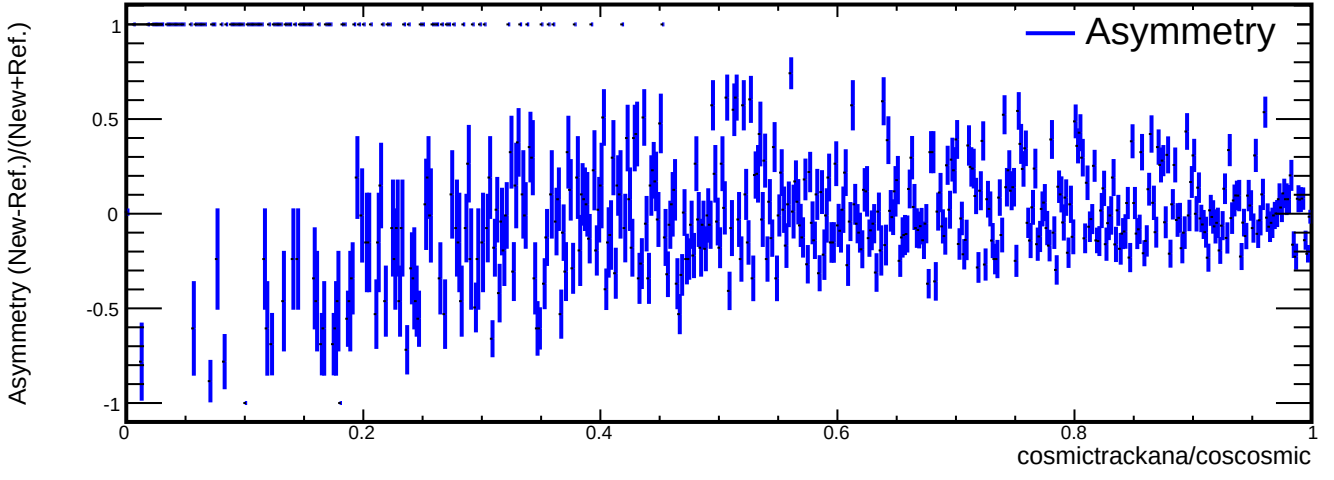

KS 0.054244, chi2 2.65096e-11
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge
2012-06-21
2012-06-22

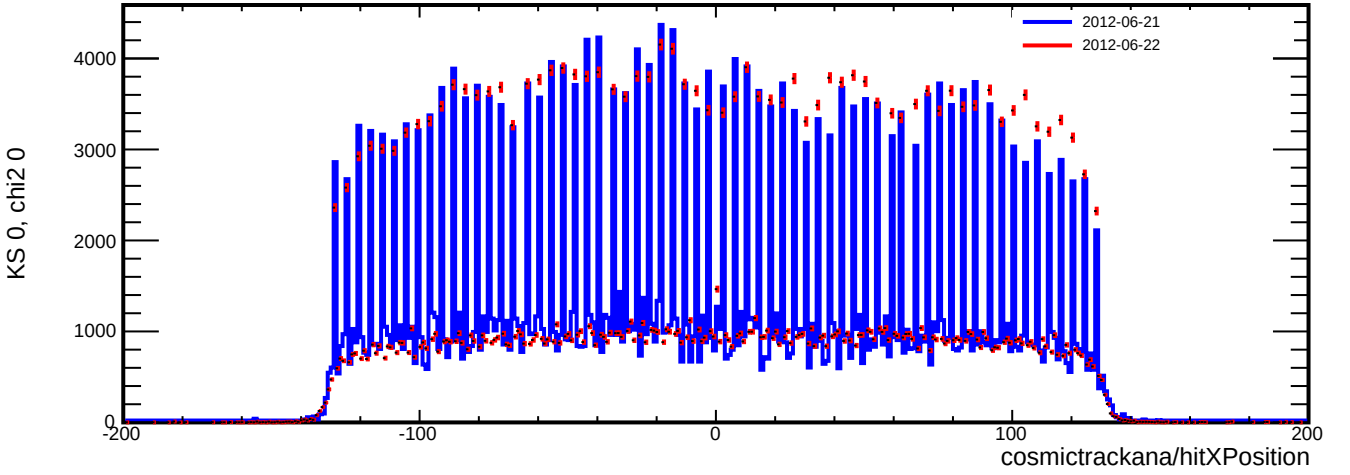

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge
Asymmetry

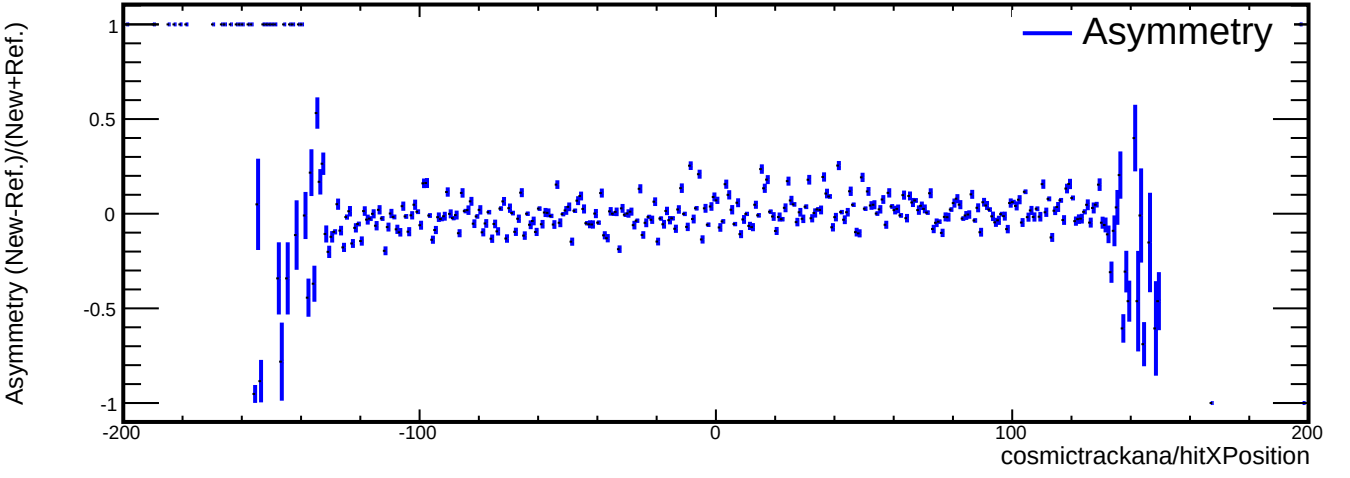

KS 0.190877, chi2 1.27636e-294
2012-06-21
2012-06-22
0
20
40
60
80
0
500
1000
1500
cosmictrackana/trackLength

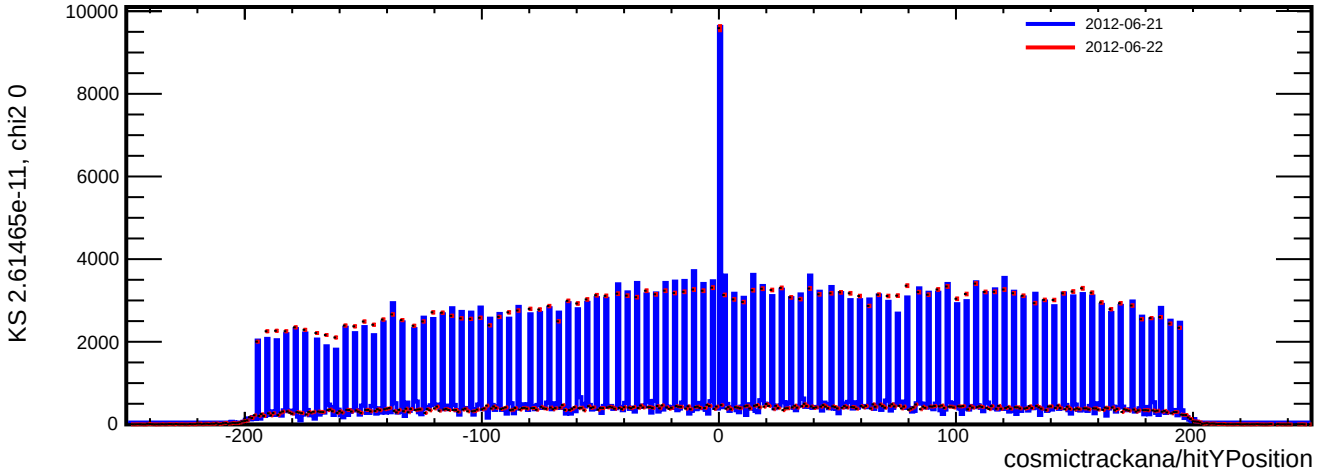

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/trackLength

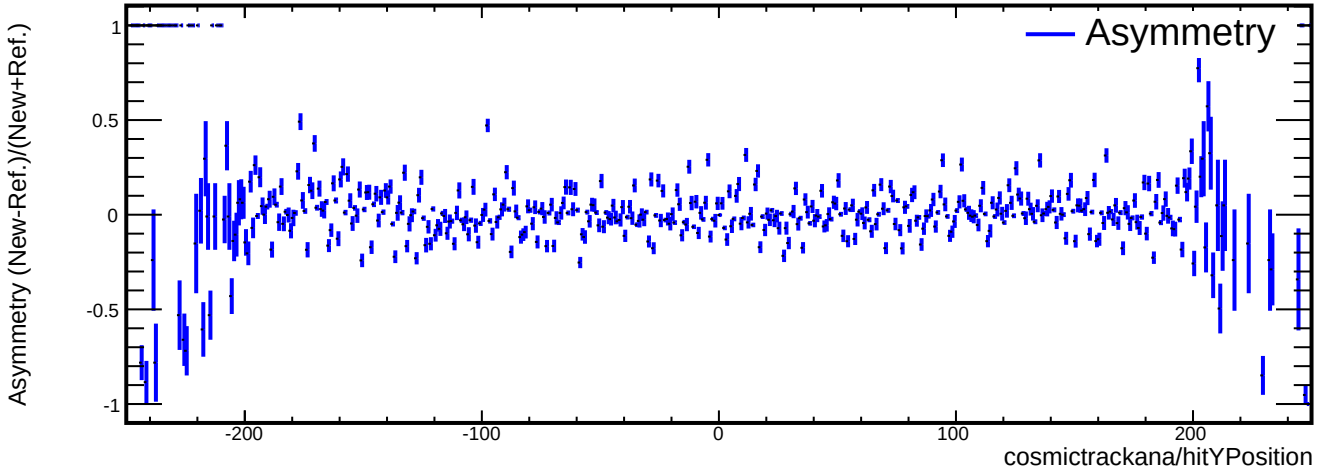

KS 0.239367, chi2 9.10385e-181
2012-06-21
2012-06-22
cosmictrackana/coscosmic

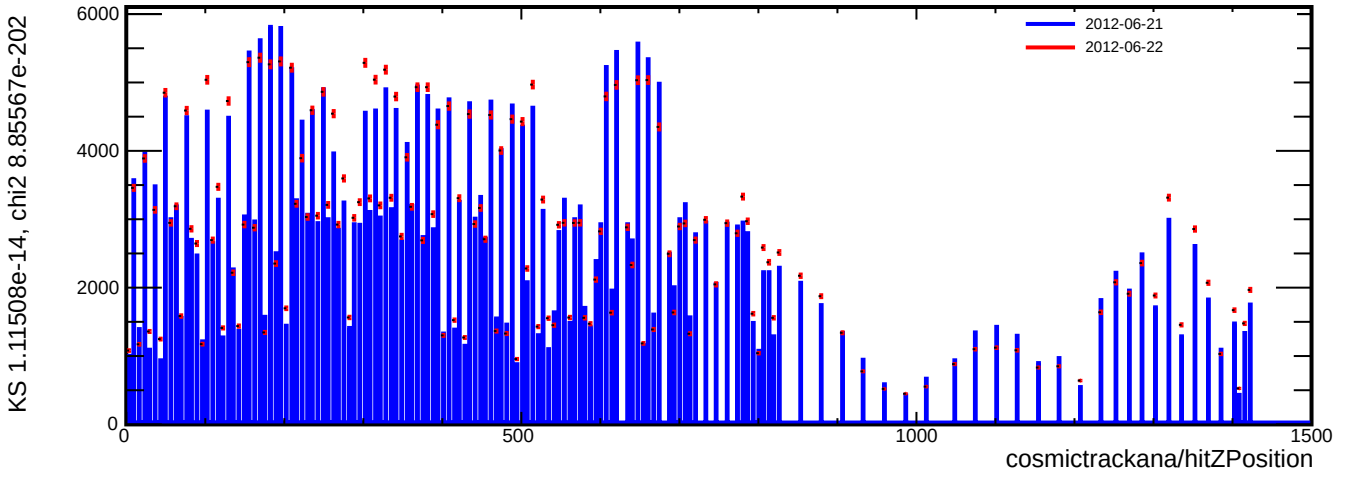

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/coscosmic

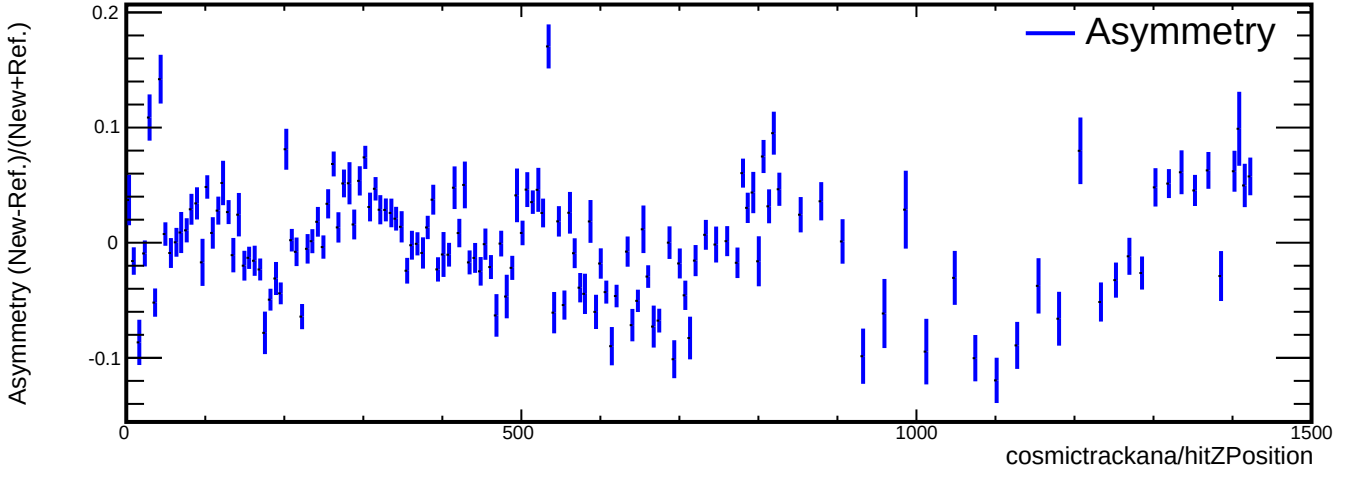

2012-06-21
2012-06-22
KS 0, chi2 0
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

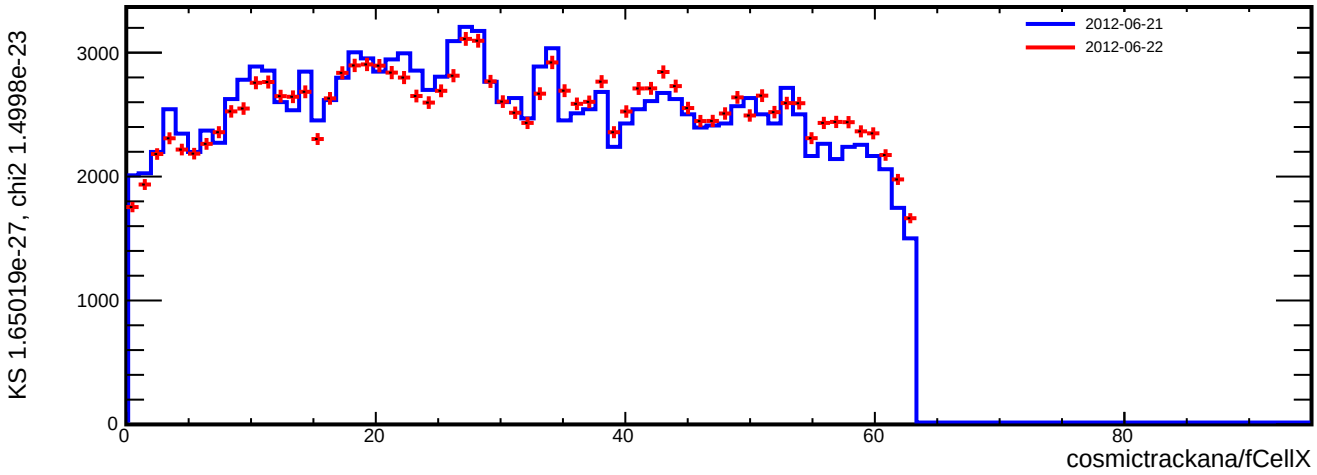

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

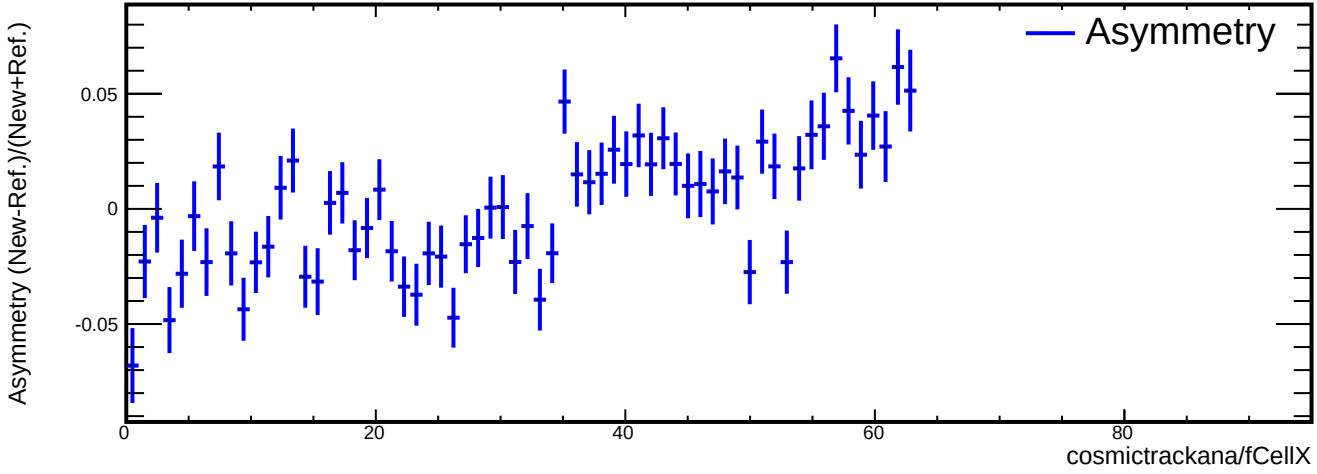

KS 2.61465e-11, chi2 0
10000
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition
2012-06-21
2012-06-22

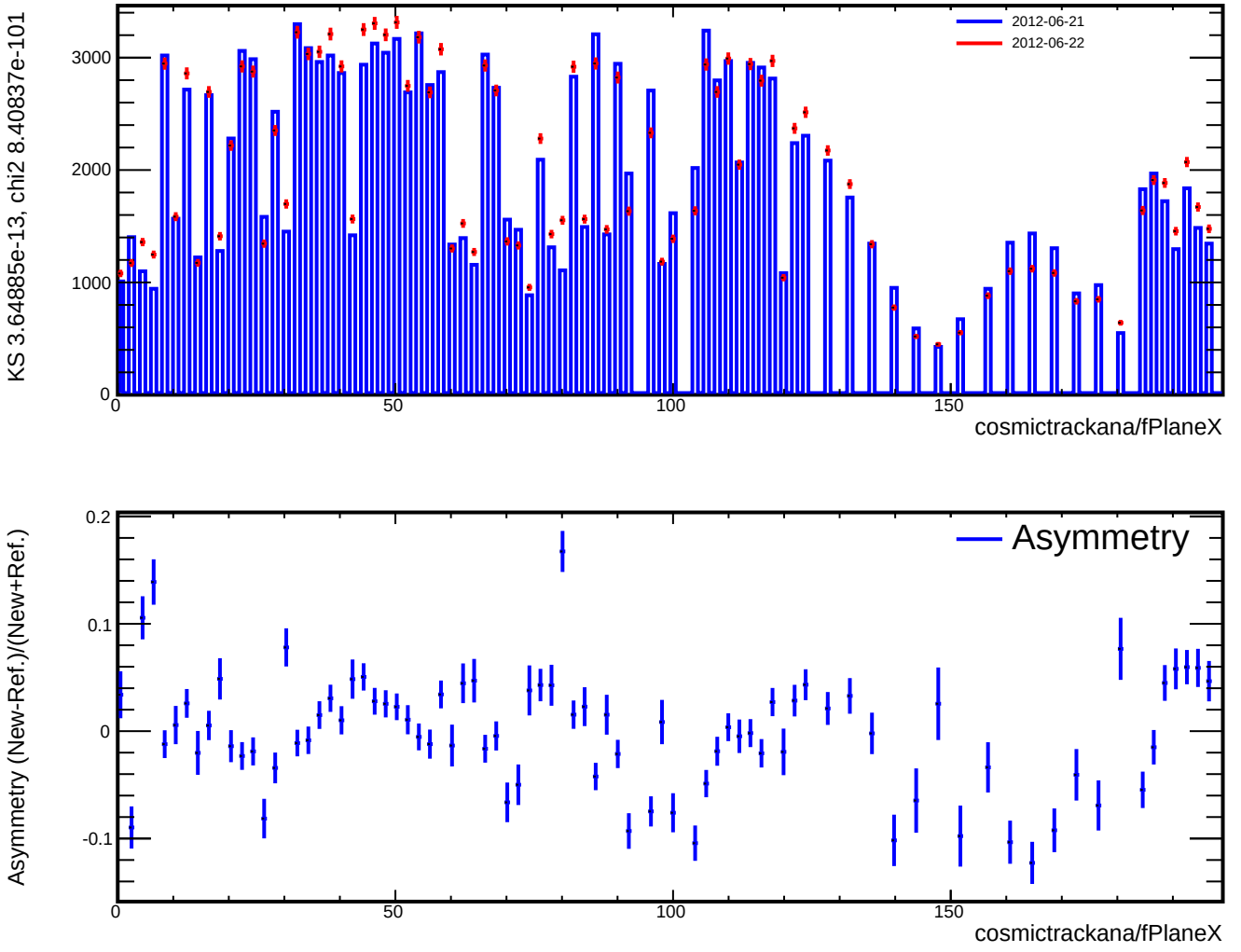

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition
Asymmetry

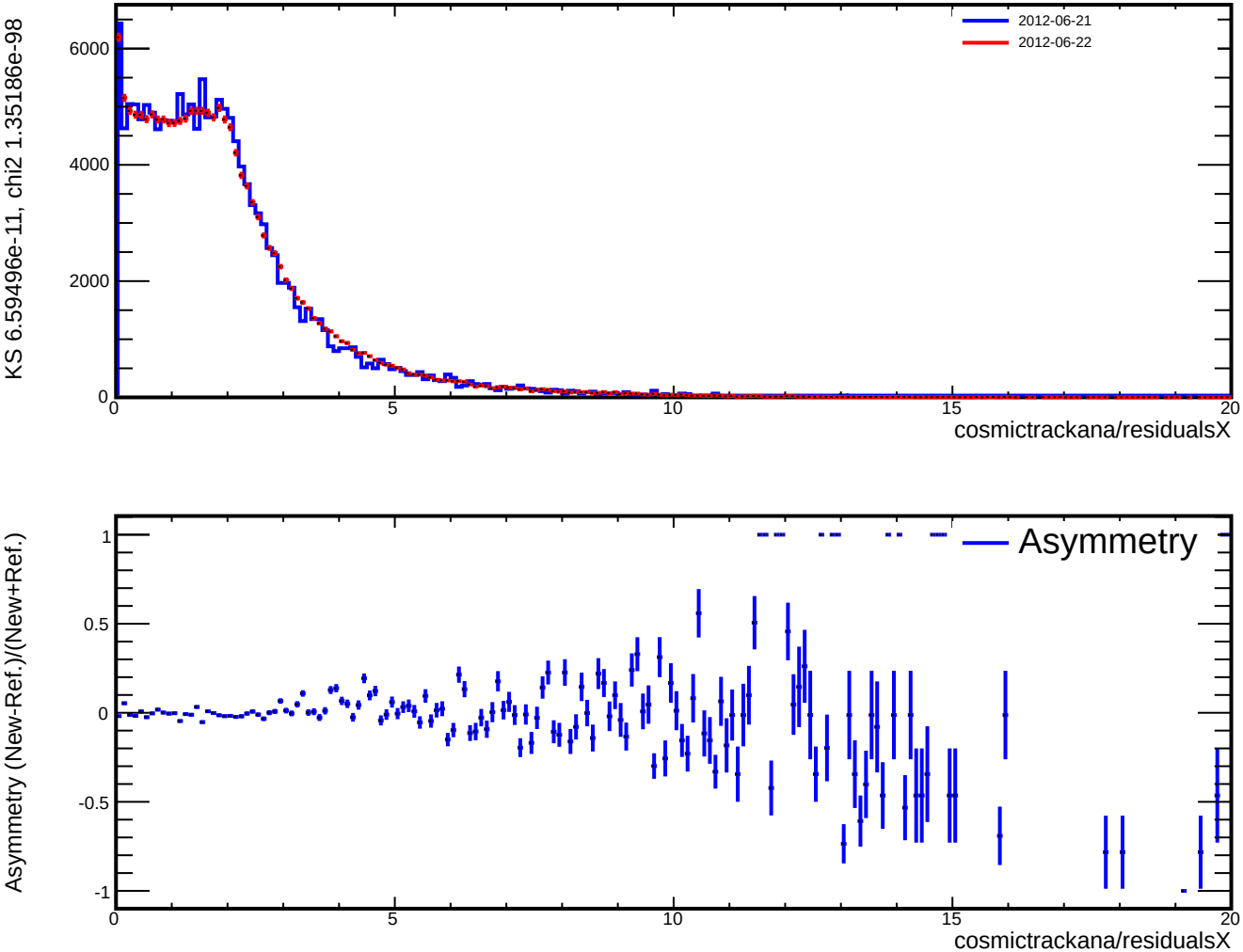

KS 1.11508e-14, chi2 8.85567e-202
6000
4000
2000
0
0
500
1000
1500
cosmictrackana/hitZPosition
2012-06-21
2012-06-22

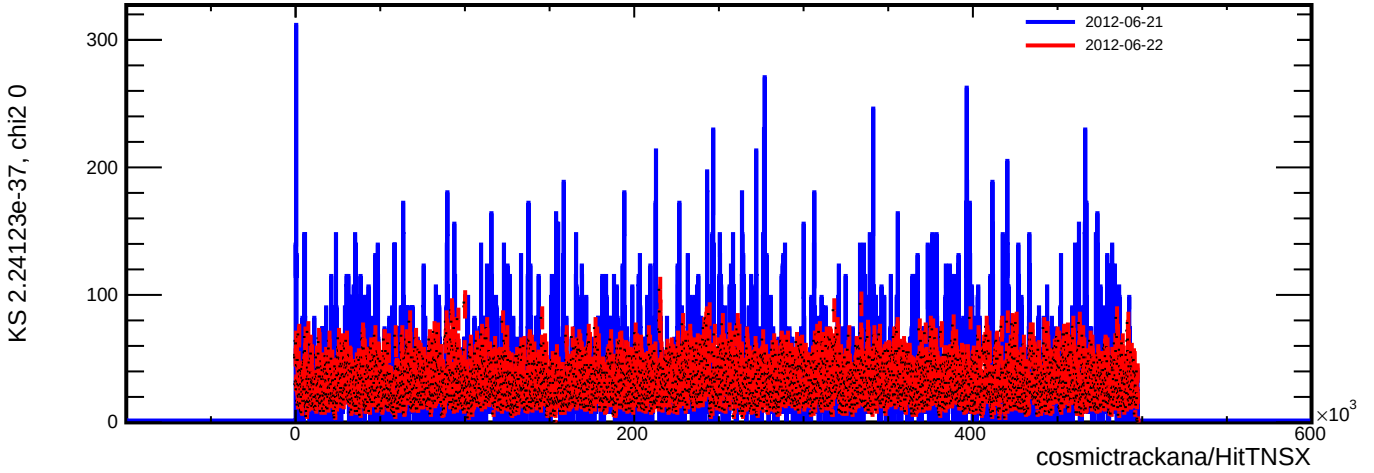

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0.1
0
-0.1
0
500
1000
1500
cosmictrackana/hitZPosition
Asymmetry

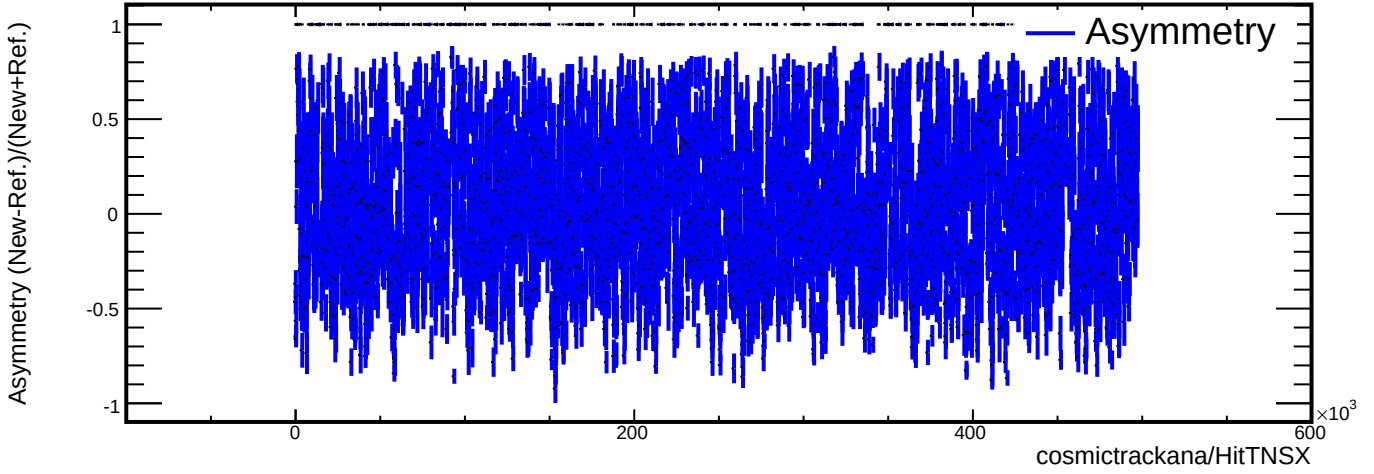

KS 1.65019e-27, chi2 1.4998e-23
2012-06-21
2012-06-22
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX

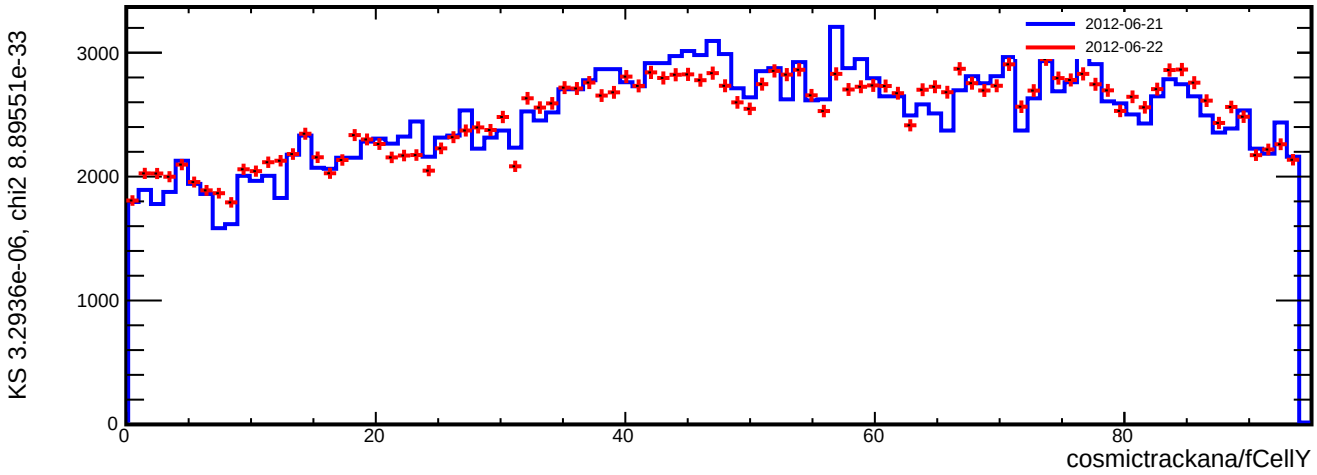

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellX

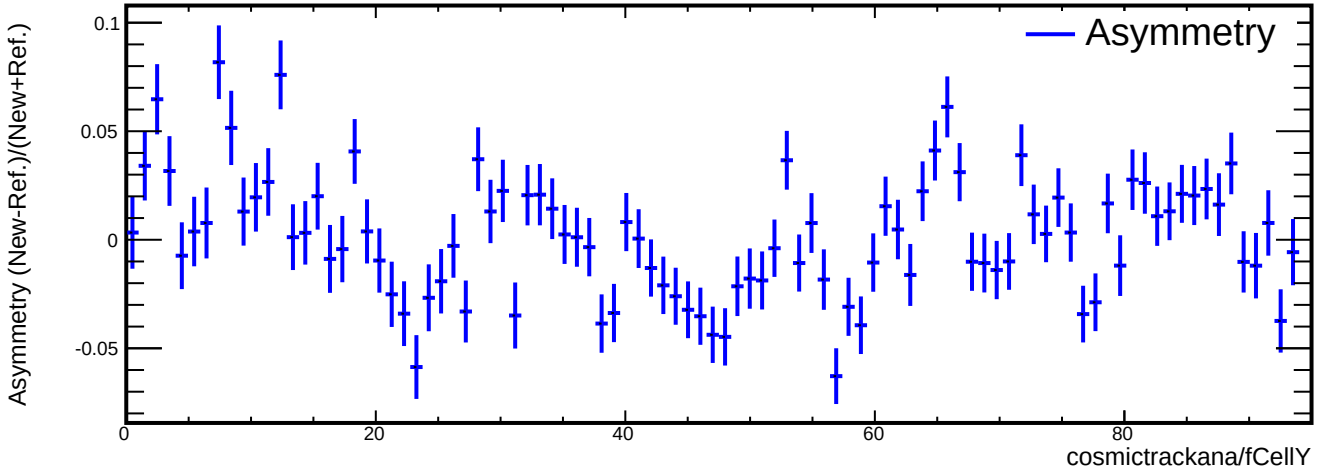

KS 3.64885e-13, chi2 8.40837e-101
2012-06-21
2012-06-22
cosmictrackana/fPlaneX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/fPlaneX

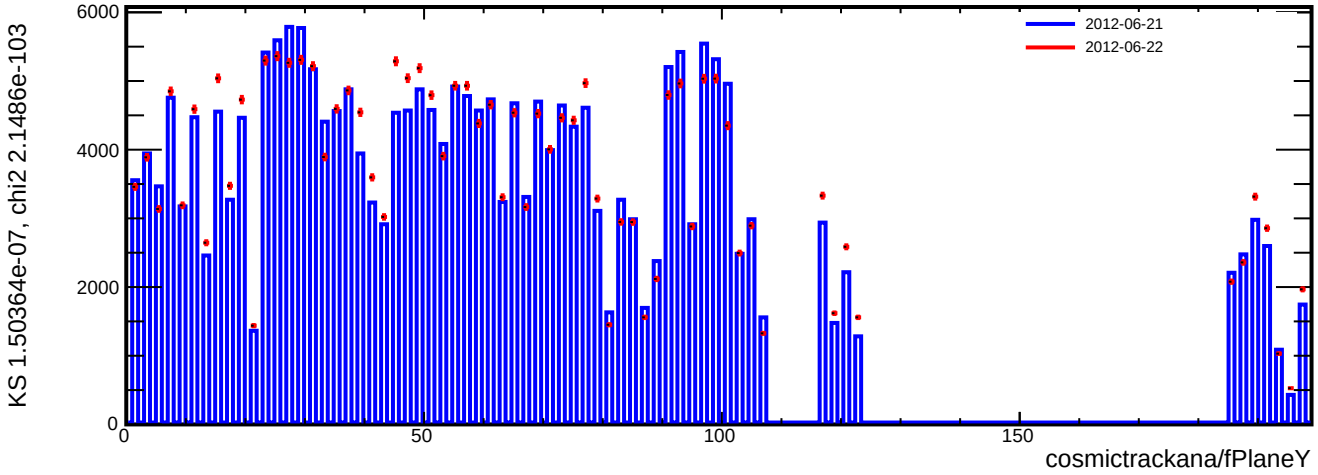

KS 6.59496e-11, chi2 1.35186e-98
2012-06-21
2012-06-22
cosmictrackana/residualsX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/residualsX

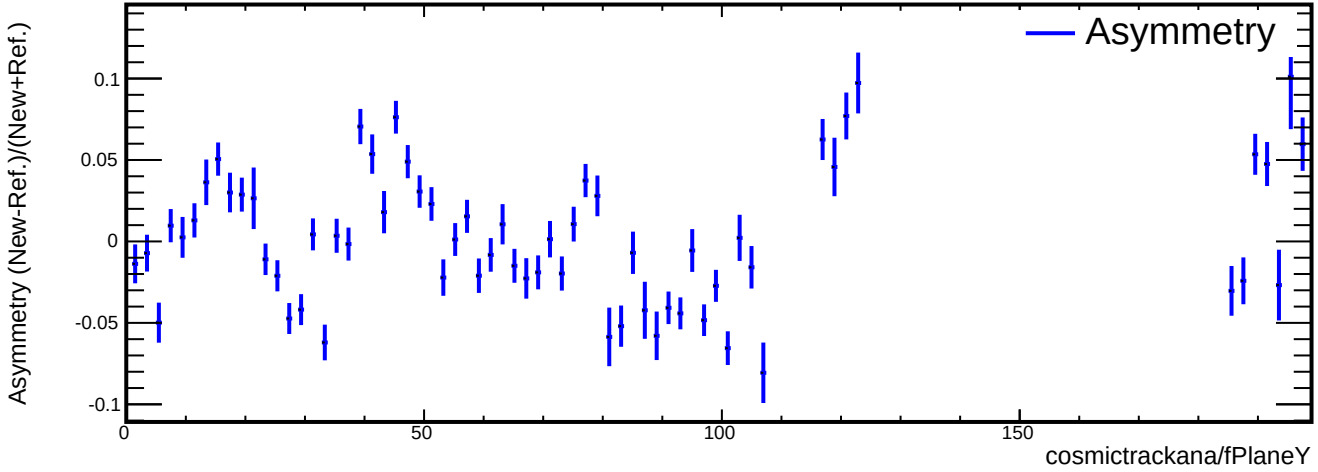

KS 2.24123e-37, chi2 0
300
200
100
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX
2012-06-21
2012-06-22

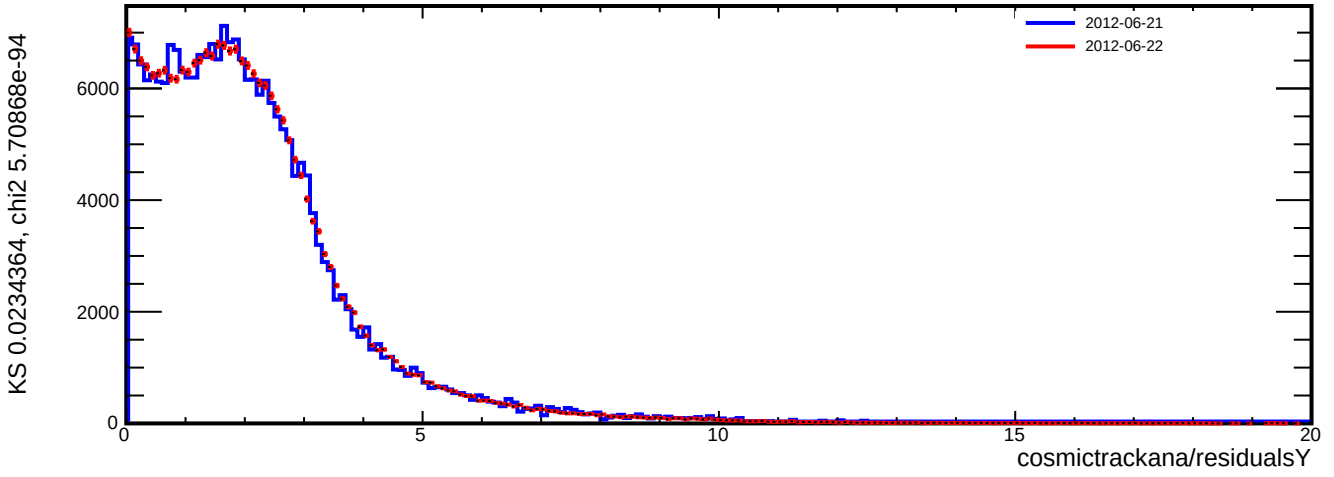

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSX
Asymmetry

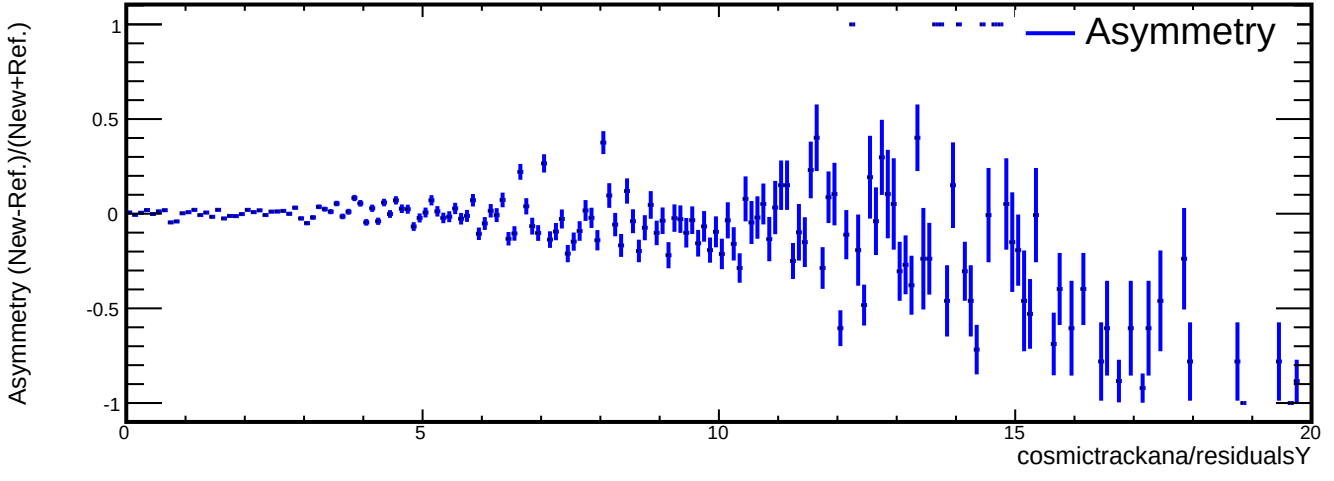

KS 3.2936e-06, chi2 8.89551e-33
2012-06-21
2012-06-22
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellY

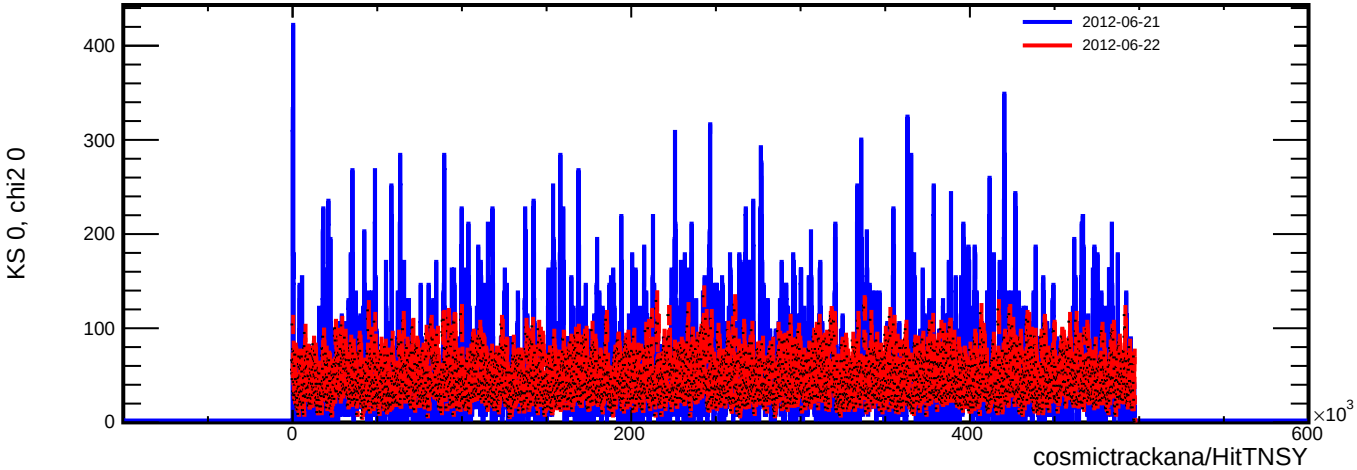

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellY

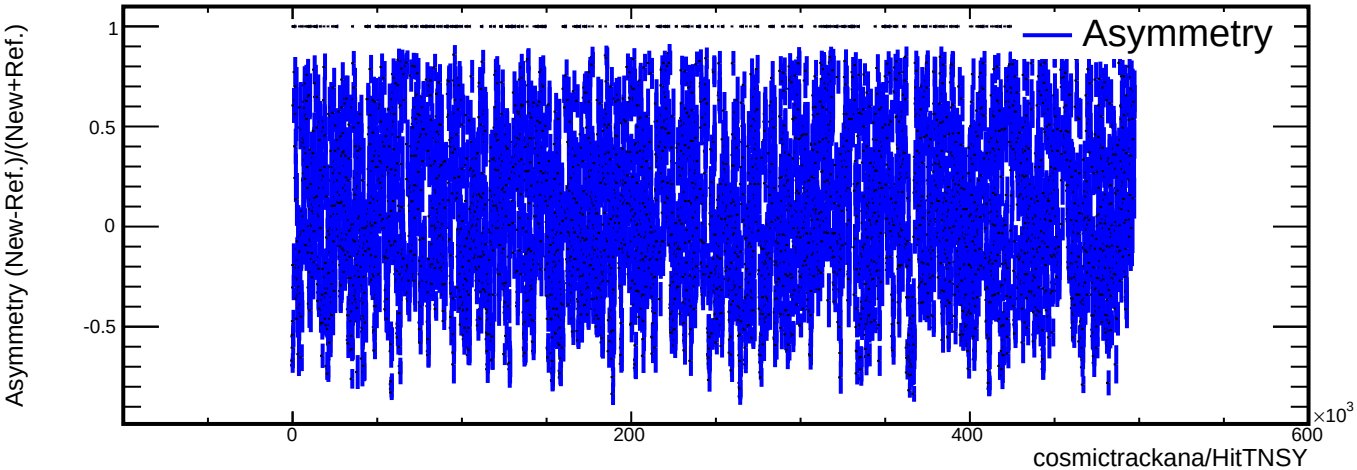

KS 1.50364e-07, chi2 2.1486e-103
6000
4000
2000
0
0
50
100
150
cosmictrackana/fPlaneY
2012-06-21
2012-06-22


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


KS 0.0234364, chi2 5.70868e-94
2012-06-21
2012-06-22
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


2012-06-21
2012-06-22
KS 0, chi2 0
400
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