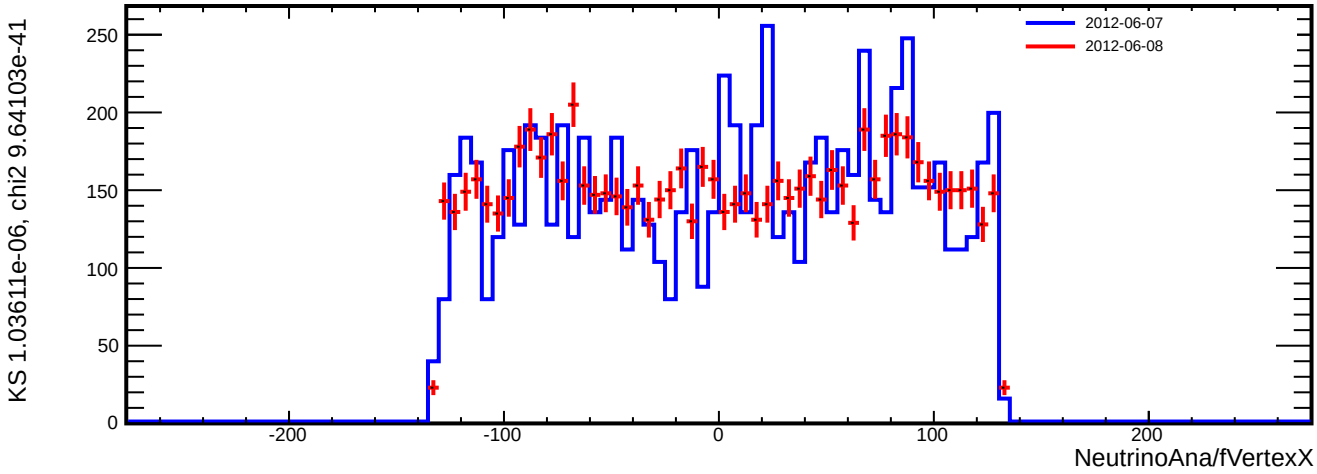
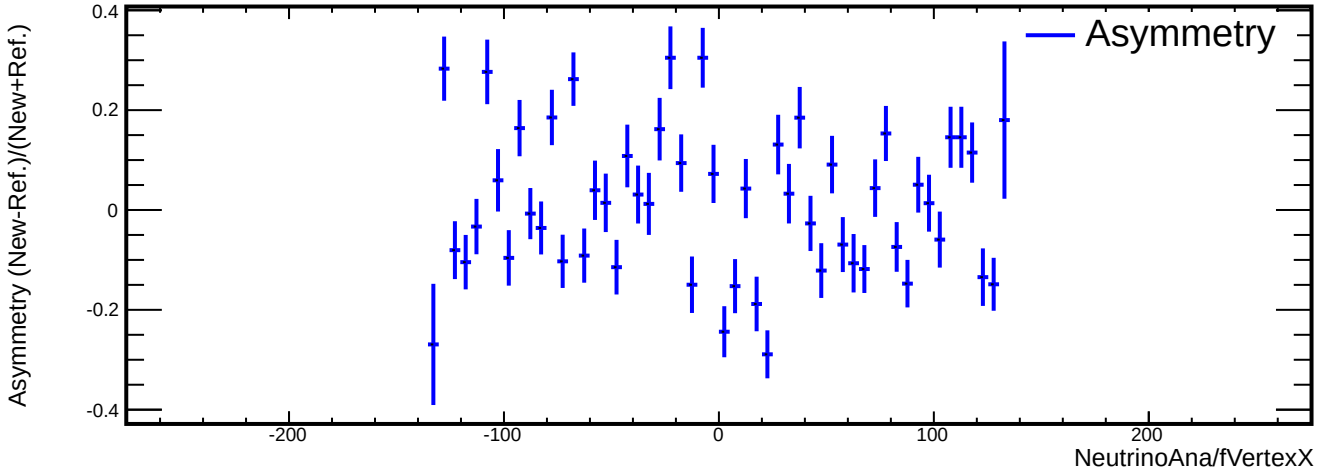
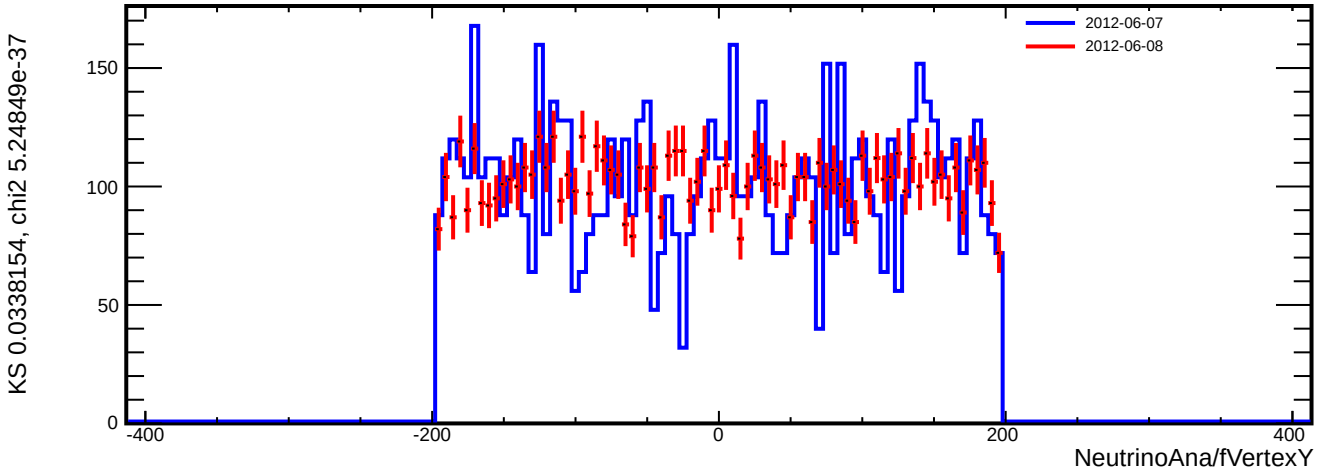
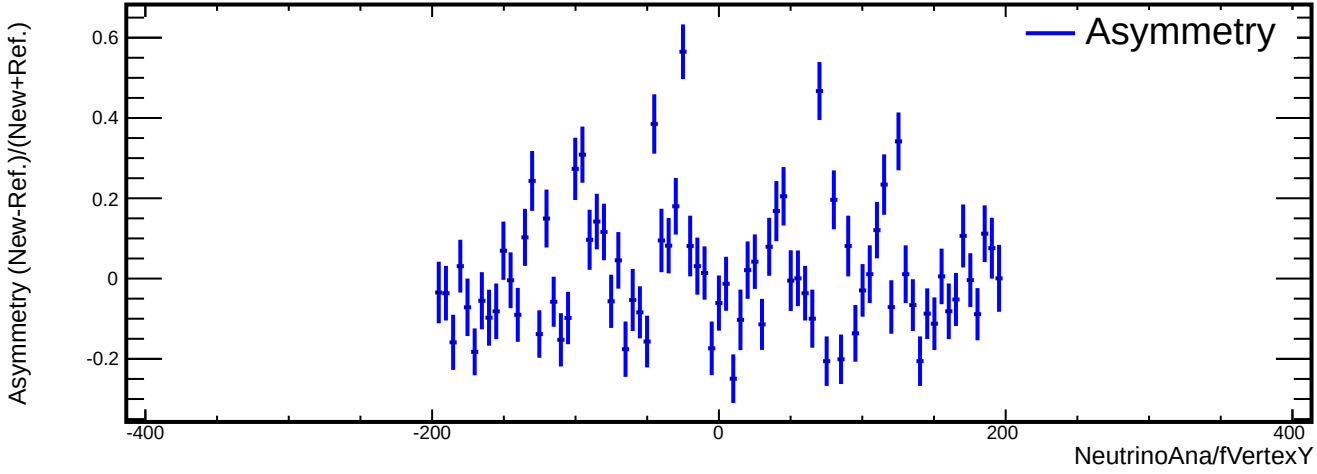
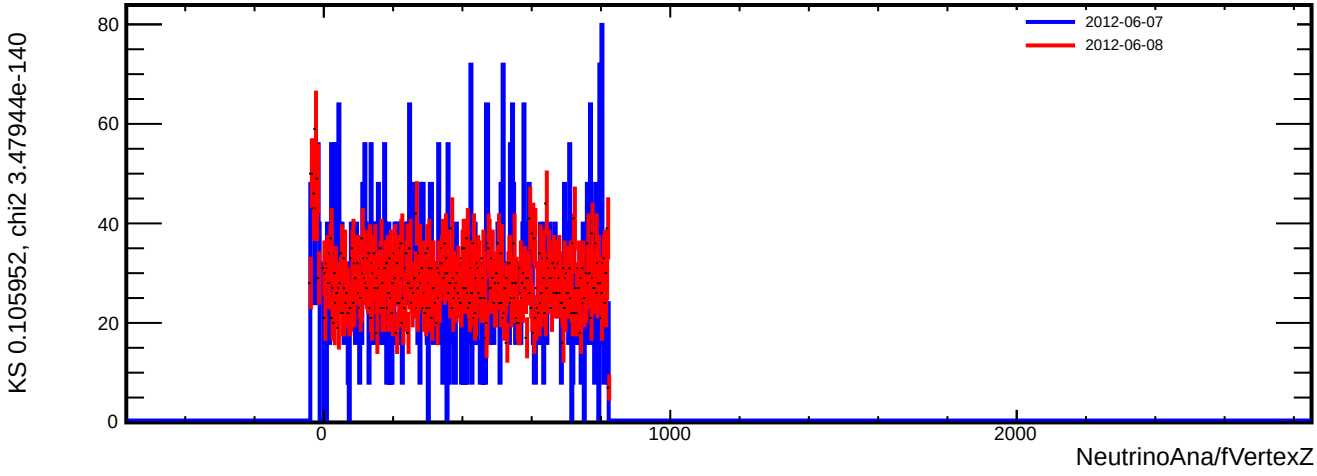
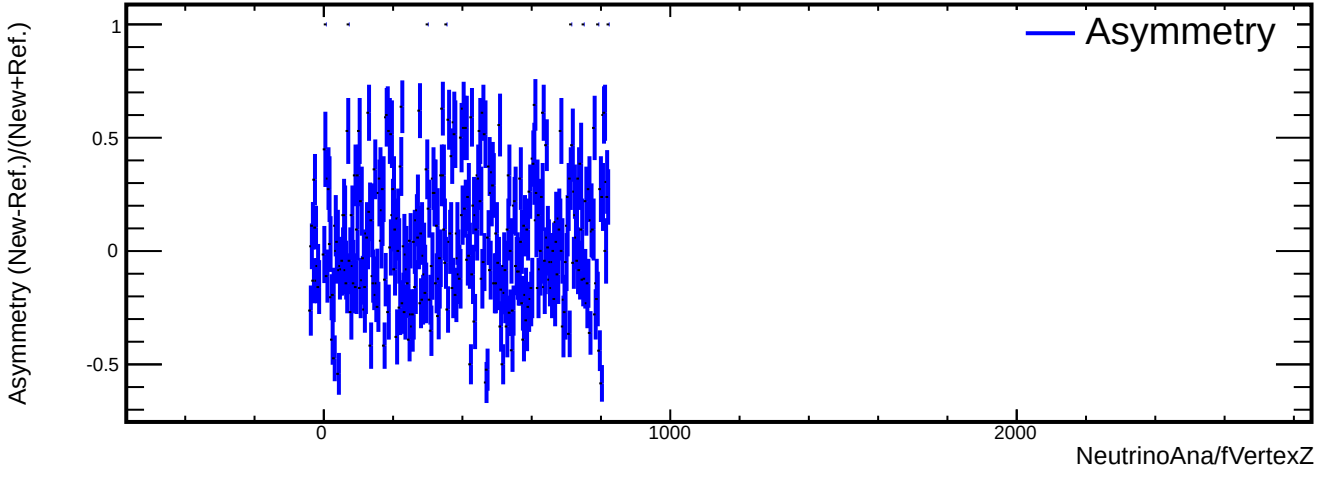

KS 1.03611e-06, chi2 9.64103e-41
2012-06-07
2012-06-08
250
200
150
100
50
0
-200
-100
0
100
200
NeutrinoAna/fVertexX

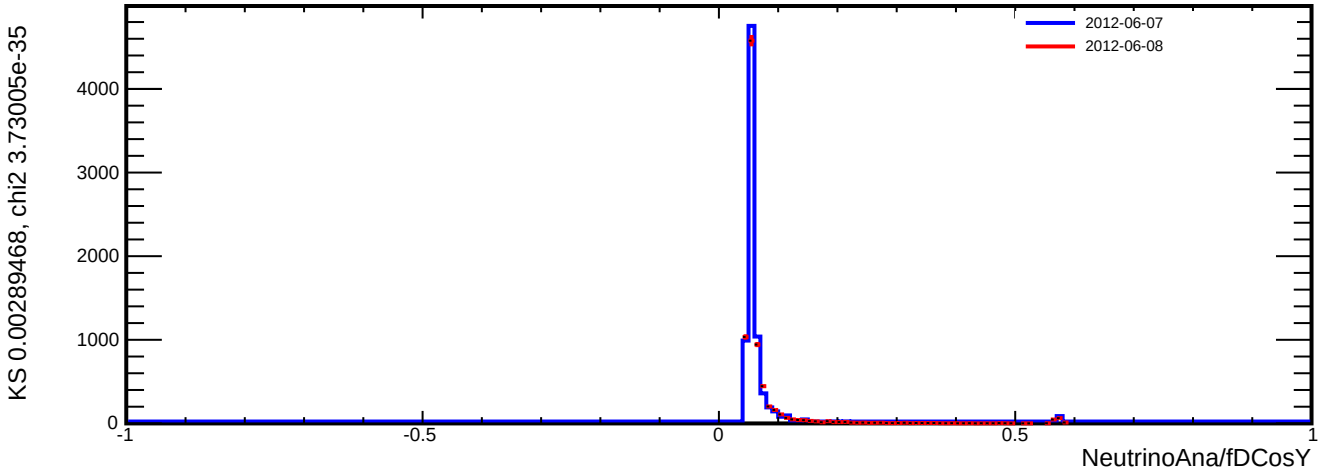

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.4
0.2
0
-0.2
-0.4
-200
-100
0
100
200
NeutrinoAna/fVertexX

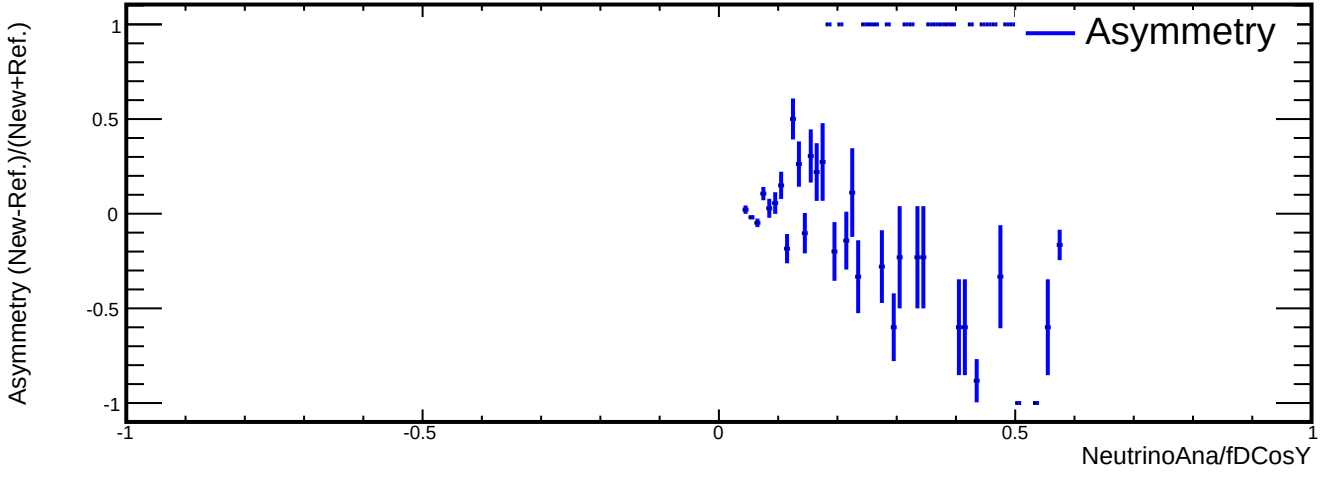

KS 0.0338154, chi2 5.24849e-37
2012-06-07
2012-06-08
150
100
50
0
-400
-200
0
200
400
NeutrinoAna/fVertexY

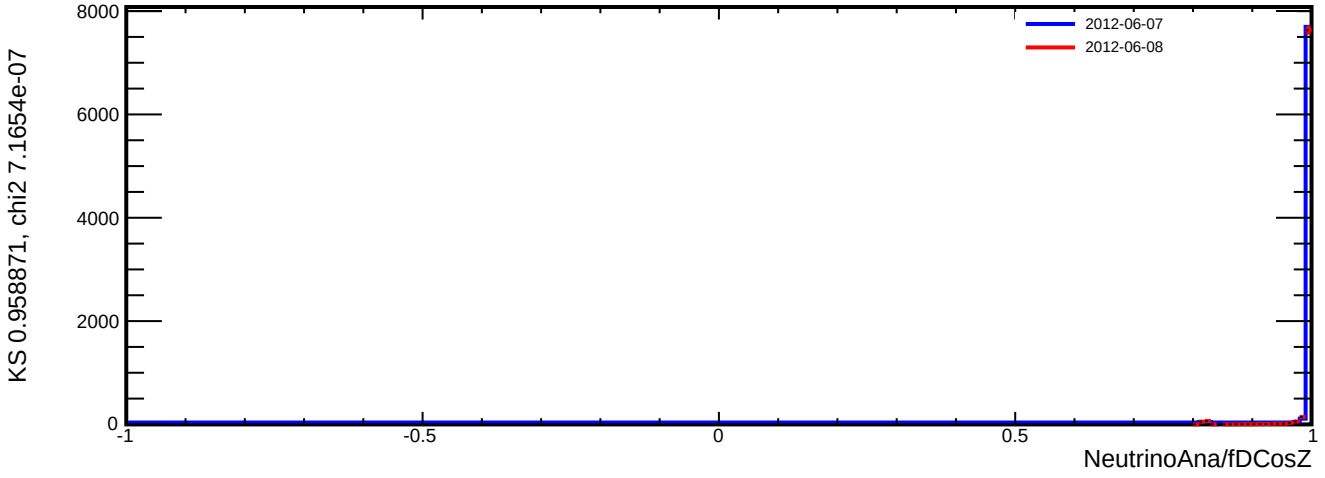

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.6
0.4
0.2
0
-0.2
-400
-200
0
200
400
NeutrinoAna/fVertexY

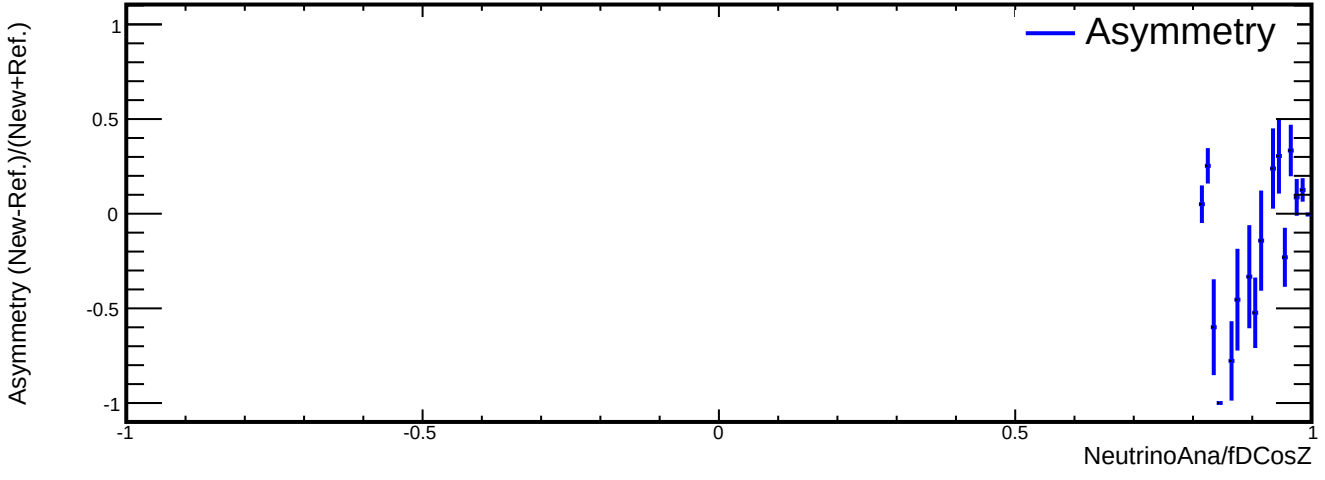

KS 0.105952, chi2 3.47944e-140
80
60
40
20
0
0
1000
2000
NeutrinoAna/fVertexZ
2012-06-07
2012-06-08

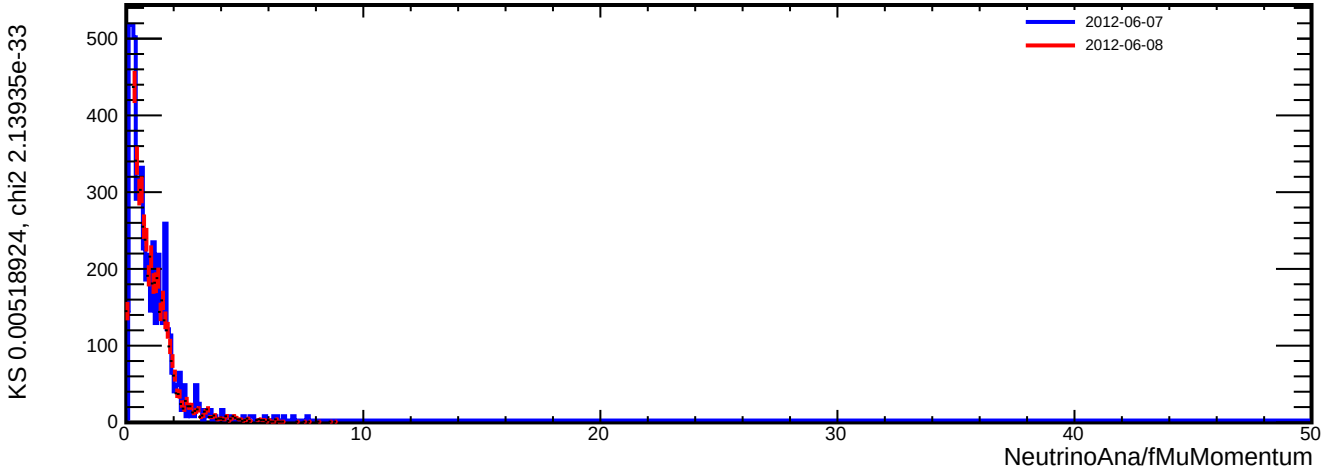

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
0
1000
2000
NeutrinoAna/fVertexZ
Asymmetry

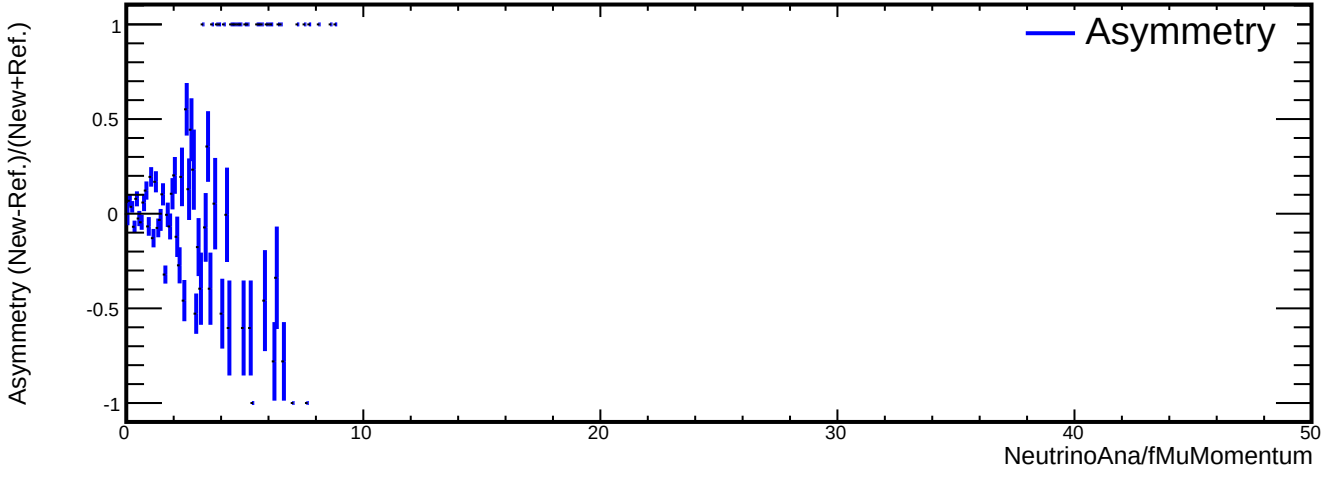

KS 0.00289468, chi2 3.73005e-35
2012-06-07
2012-06-08
4000
3000
2000
1000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY

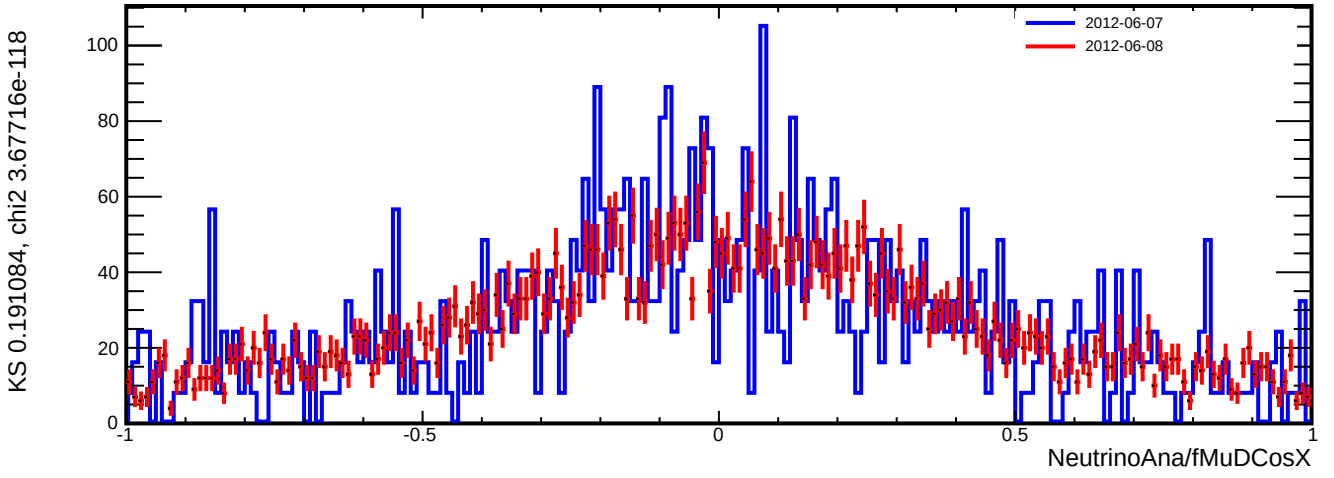

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY

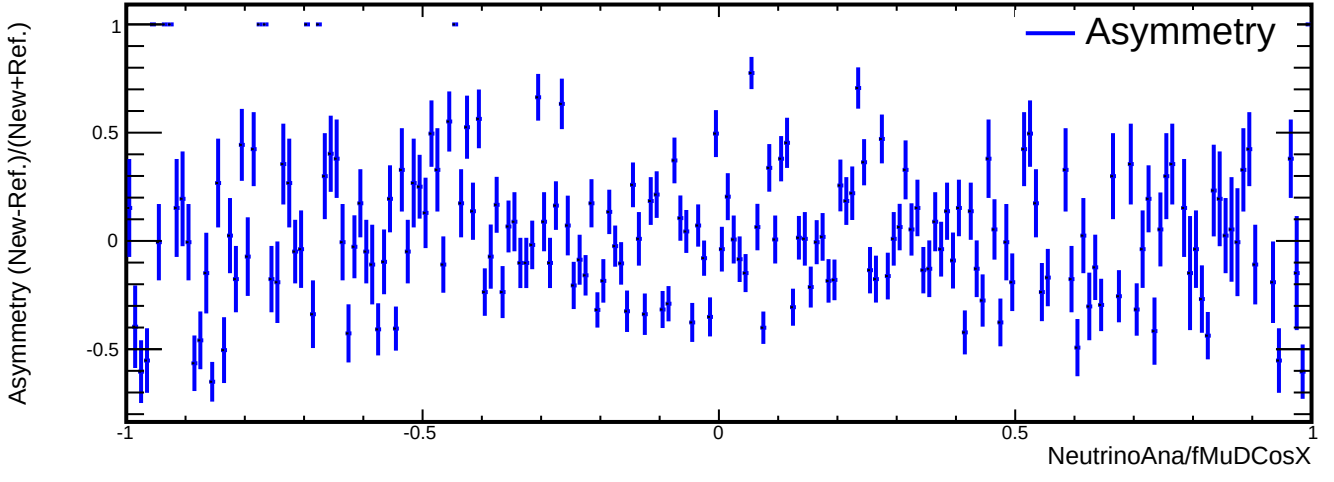

KS 0.958871, chi2 7.1654e-07
8000
6000
4000
2000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
2012-06-07
2012-06-08

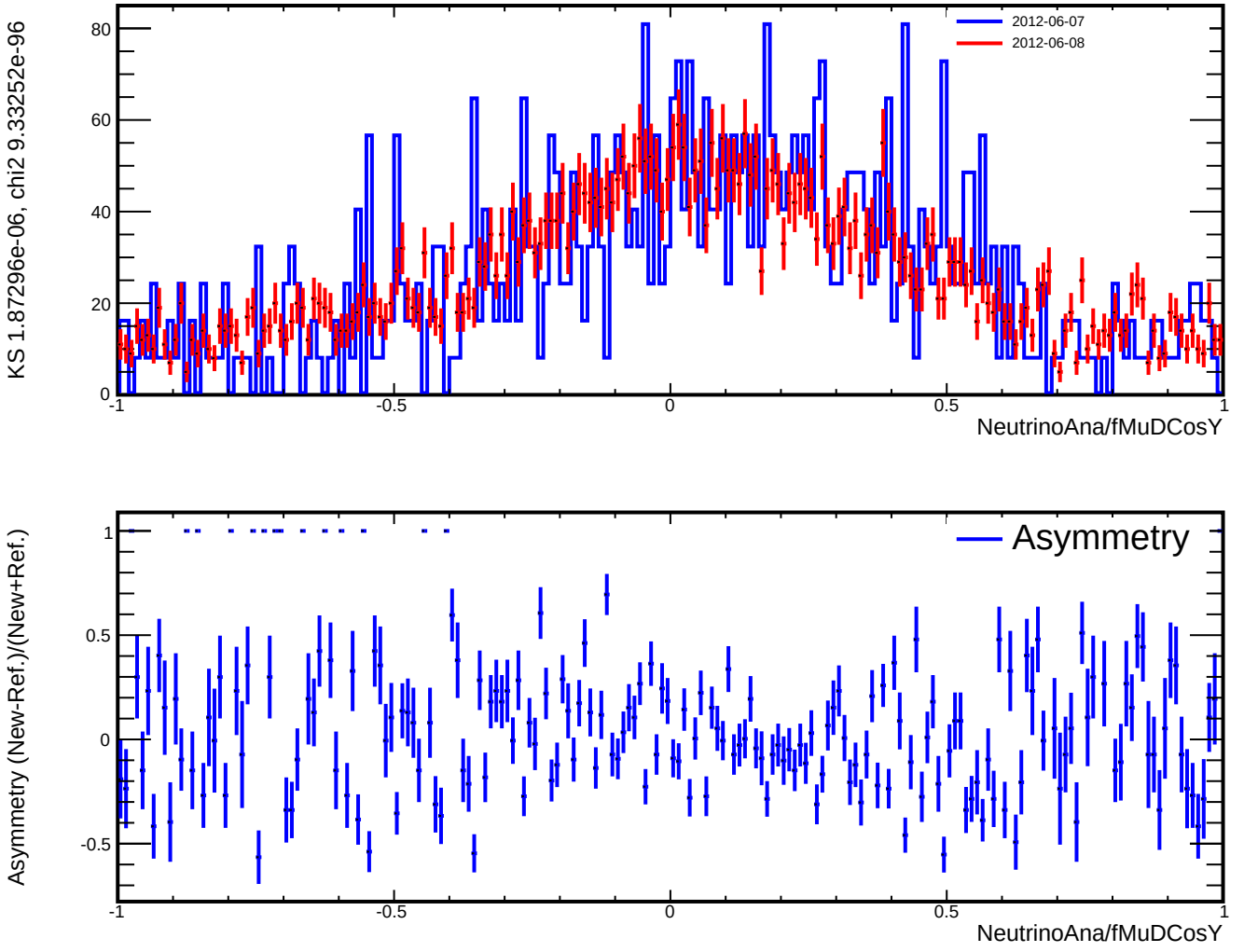

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
Asymmetry

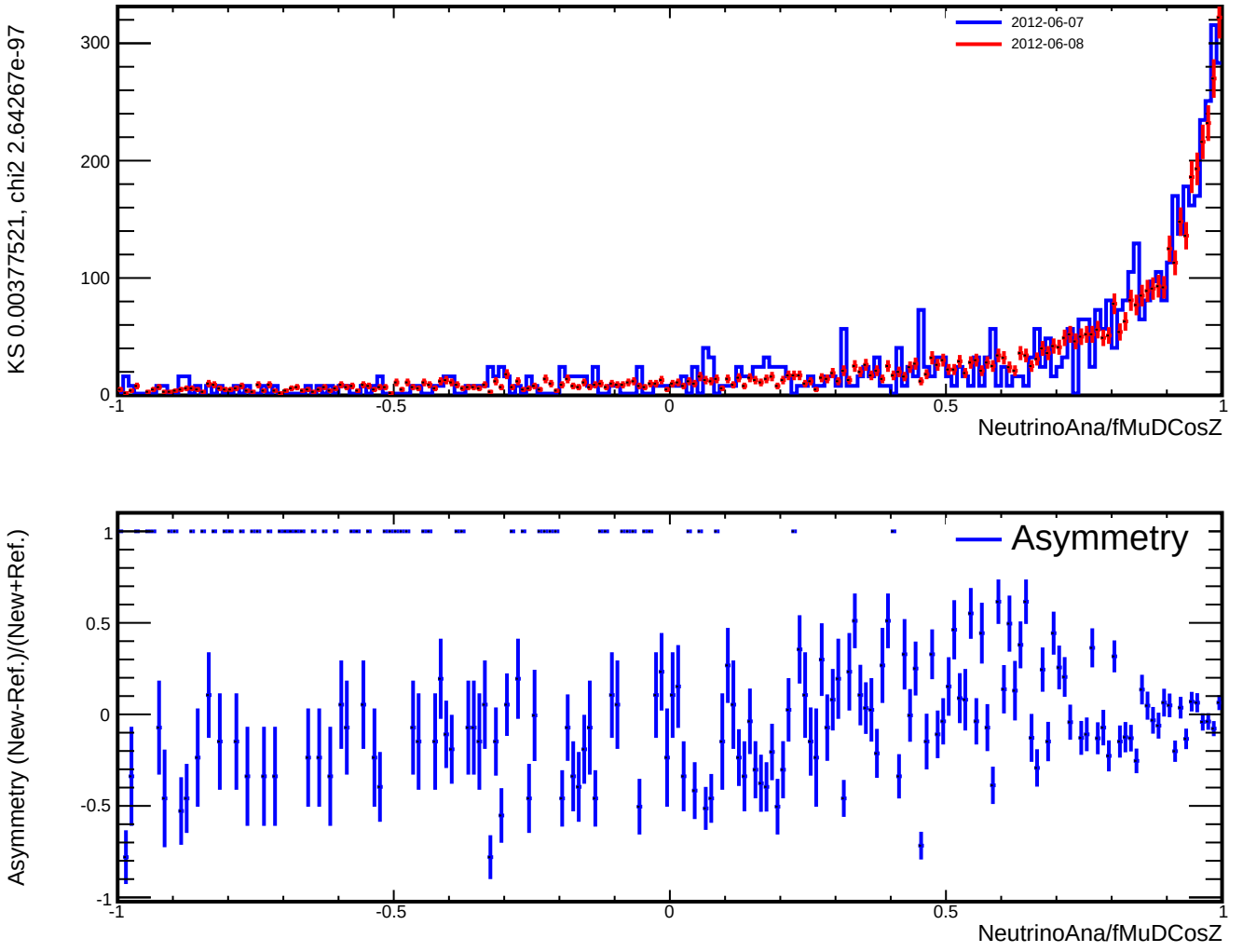

KS 0.00518924, chi2 2.13935e-33
2012-06-07
2012-06-08
500
400
300
200
100
0
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

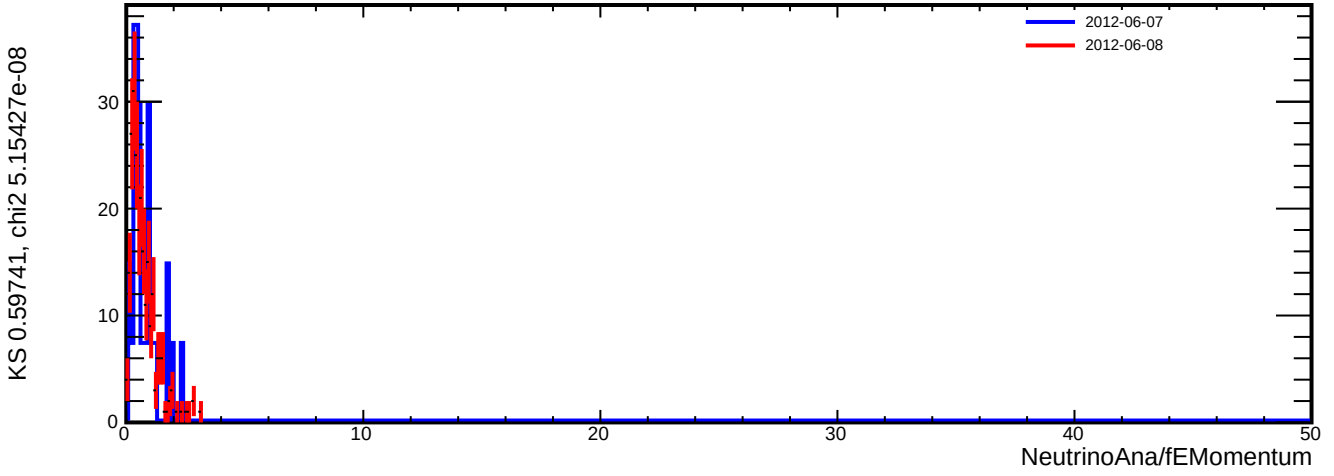

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

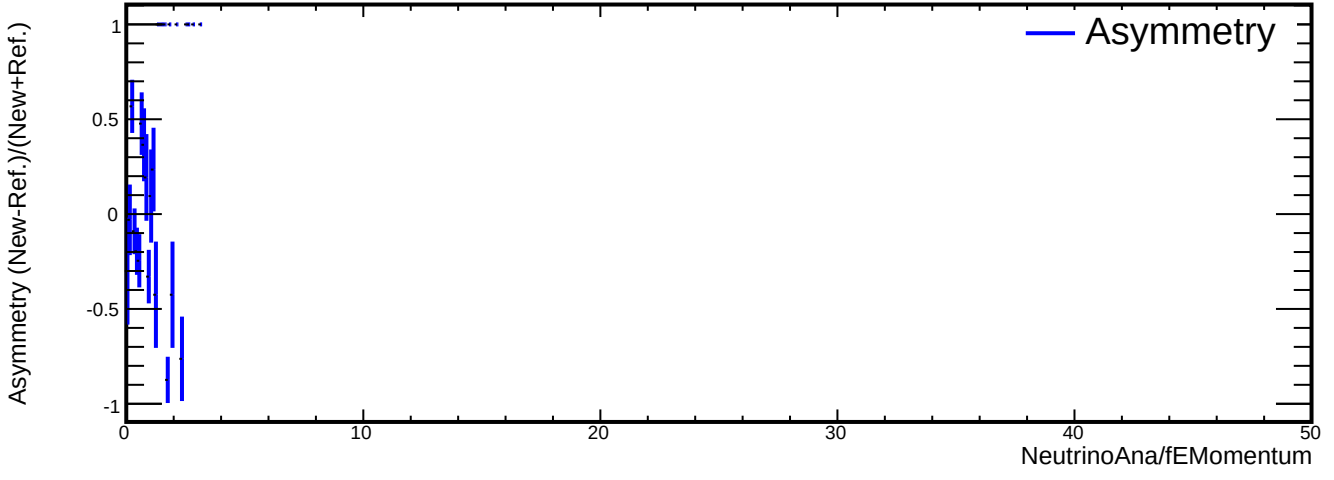

KS 0.191084, chi2 3.67716e-118
2012-06-07
2012-06-08
100
80
60
40
20
0
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosX

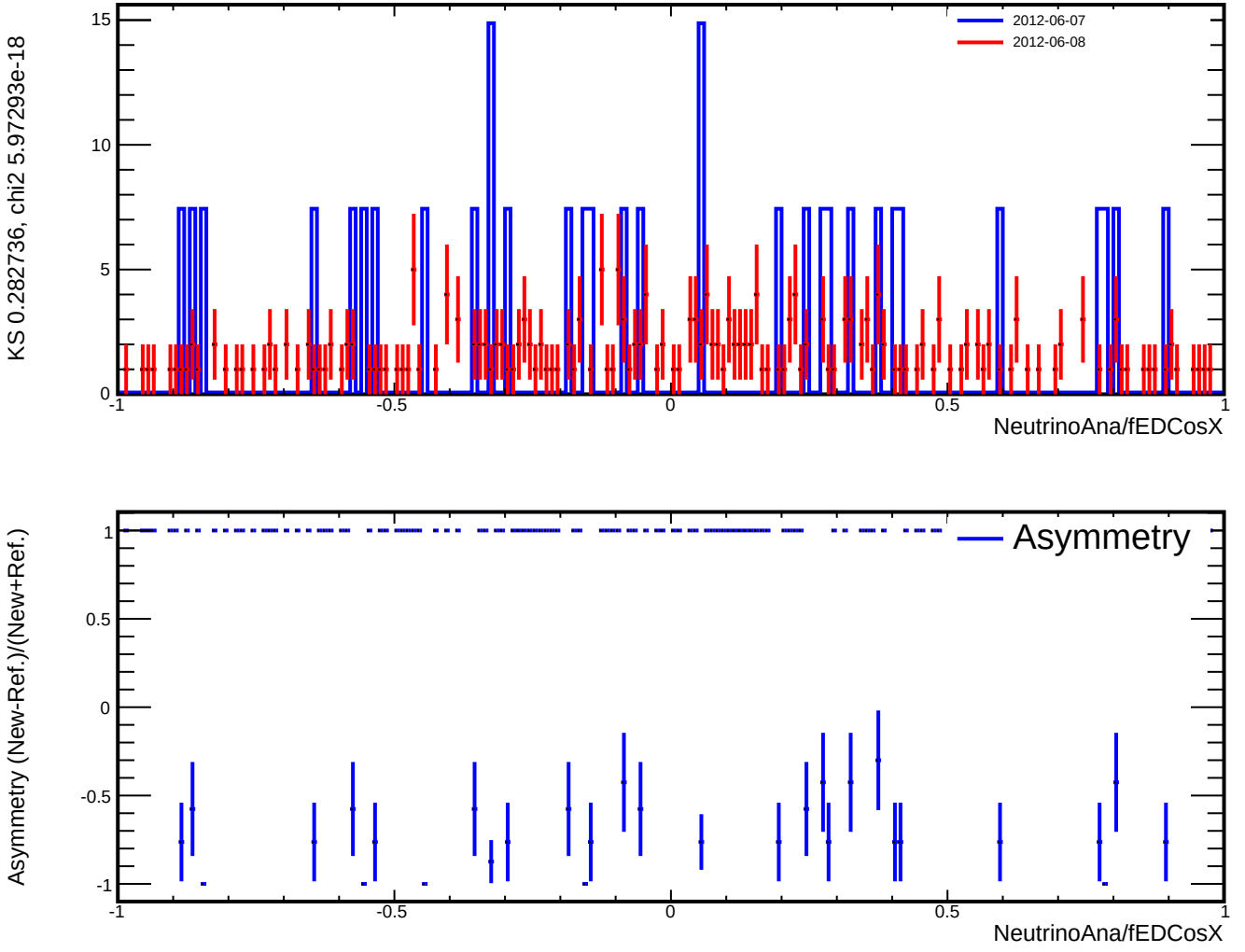

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosX

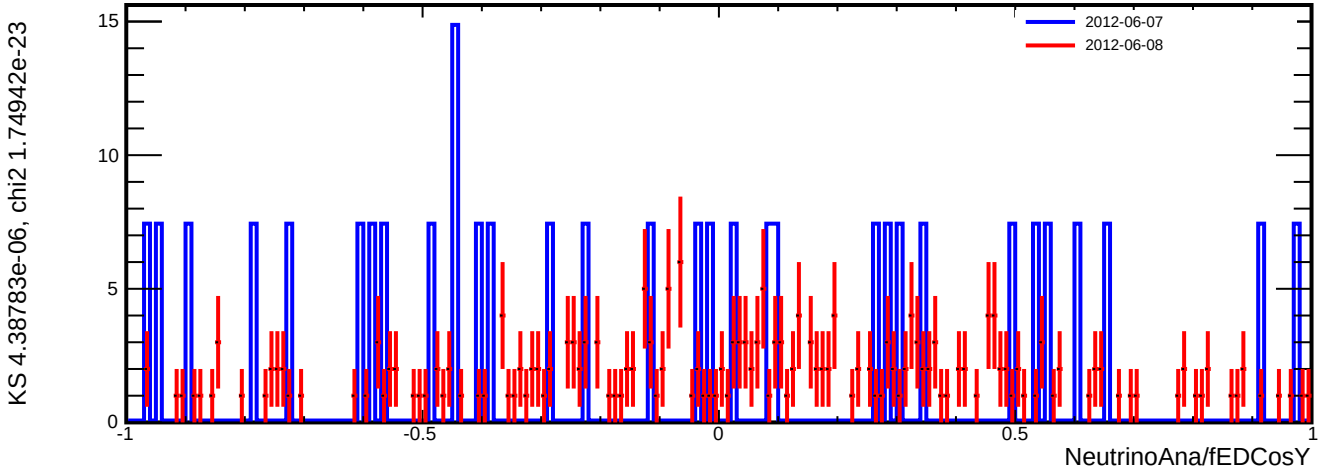

KS 1.87296e-06, chi2 9.33252e-96
2012-06-07
2012-06-08
NeutrinoAna/fMuDCosY
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fMuDCosY

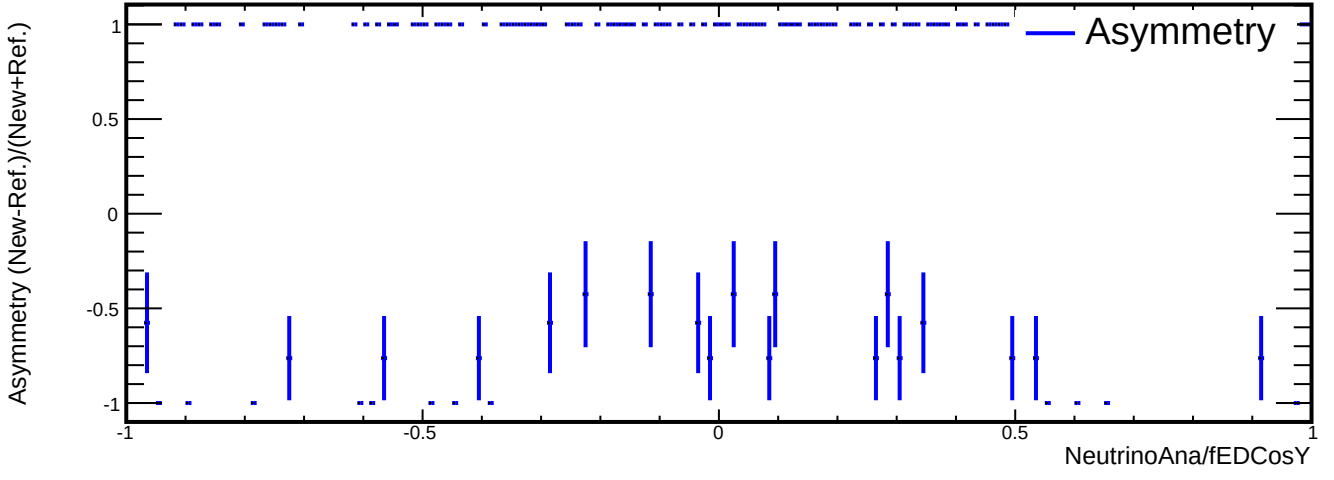

KS 0.00377521, chi2 2.64267e-97
2012-06-07
2012-06-08
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosZ

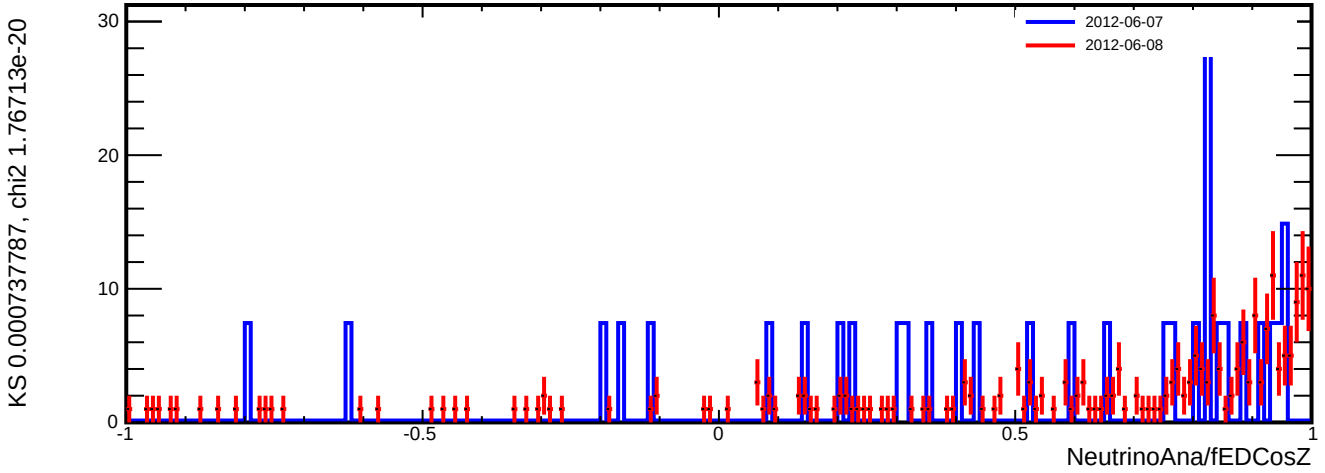

KS 0.59741, chi2 5.15427e-08
2012-06-07
2012-06-08
0
10
20
30
0
10
20
30
40
50
NeutrinoAna/fEMomentum

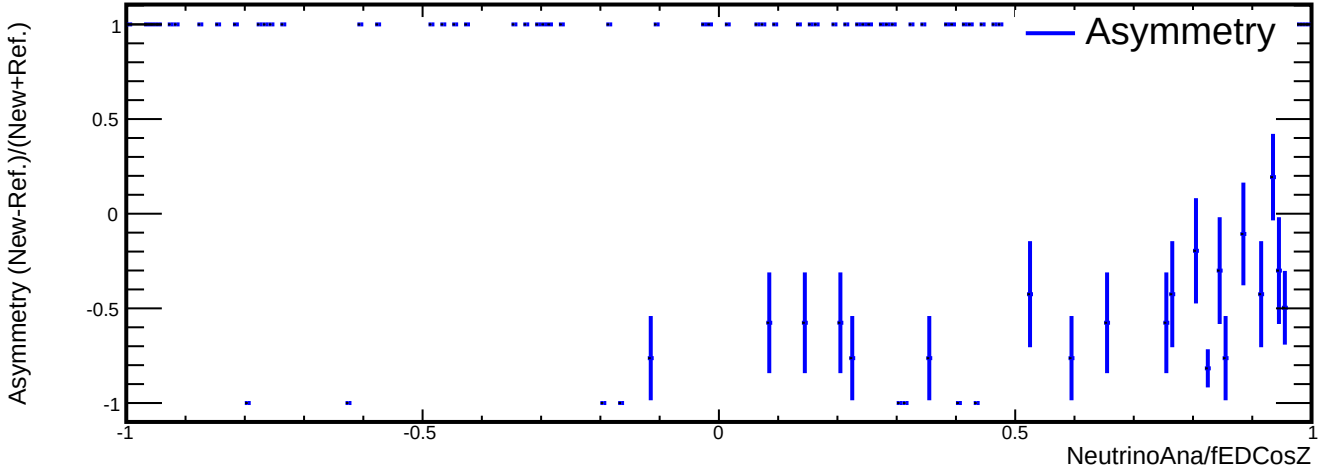

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fEMomentum

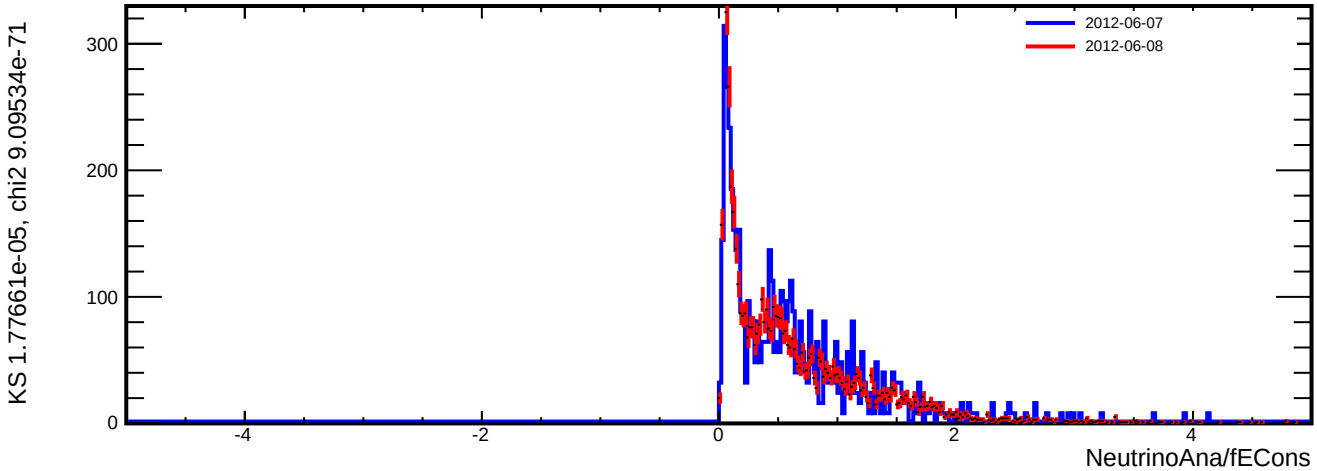

KS 0.282736, chi2 5.97293e-18
2012-06-07
2012-06-08
NeutrinoAna/fEDCosX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosX

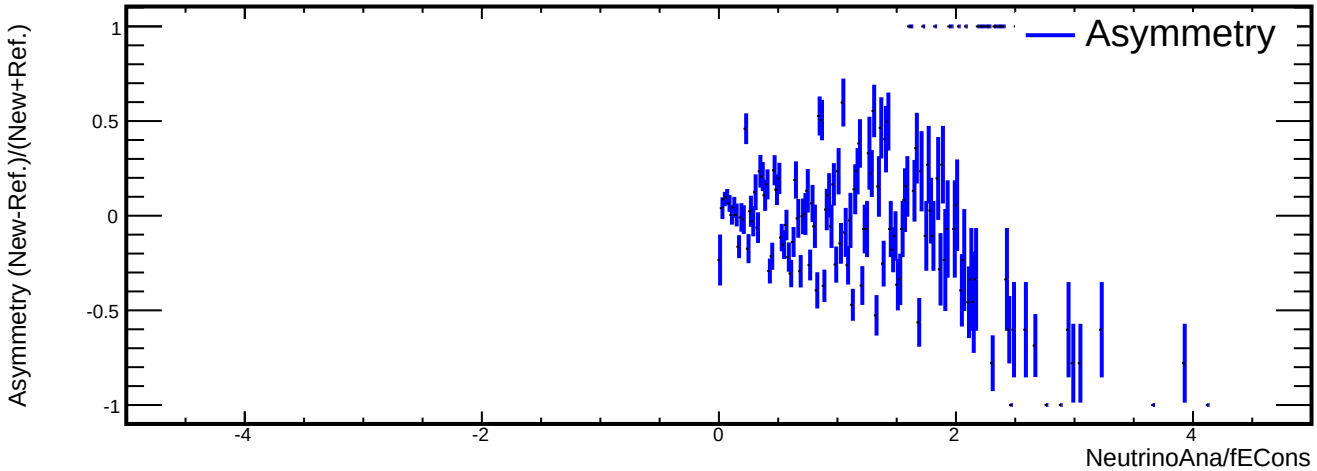

KS 4.38783e-06, chi2 1.74942e-23
2012-06-07
2012-06-08
NeutrinoAna/fEDCosY

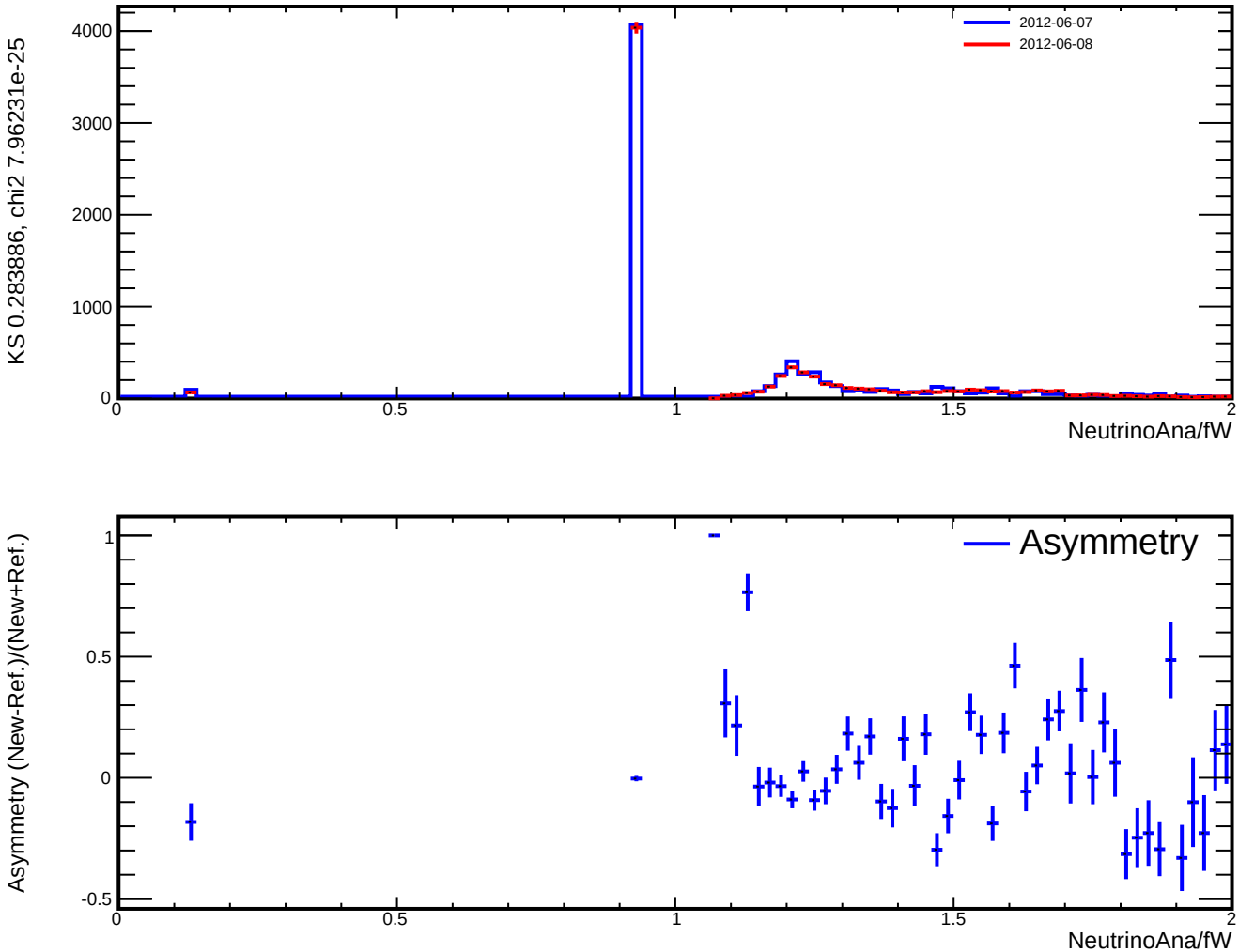

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fEDCosY

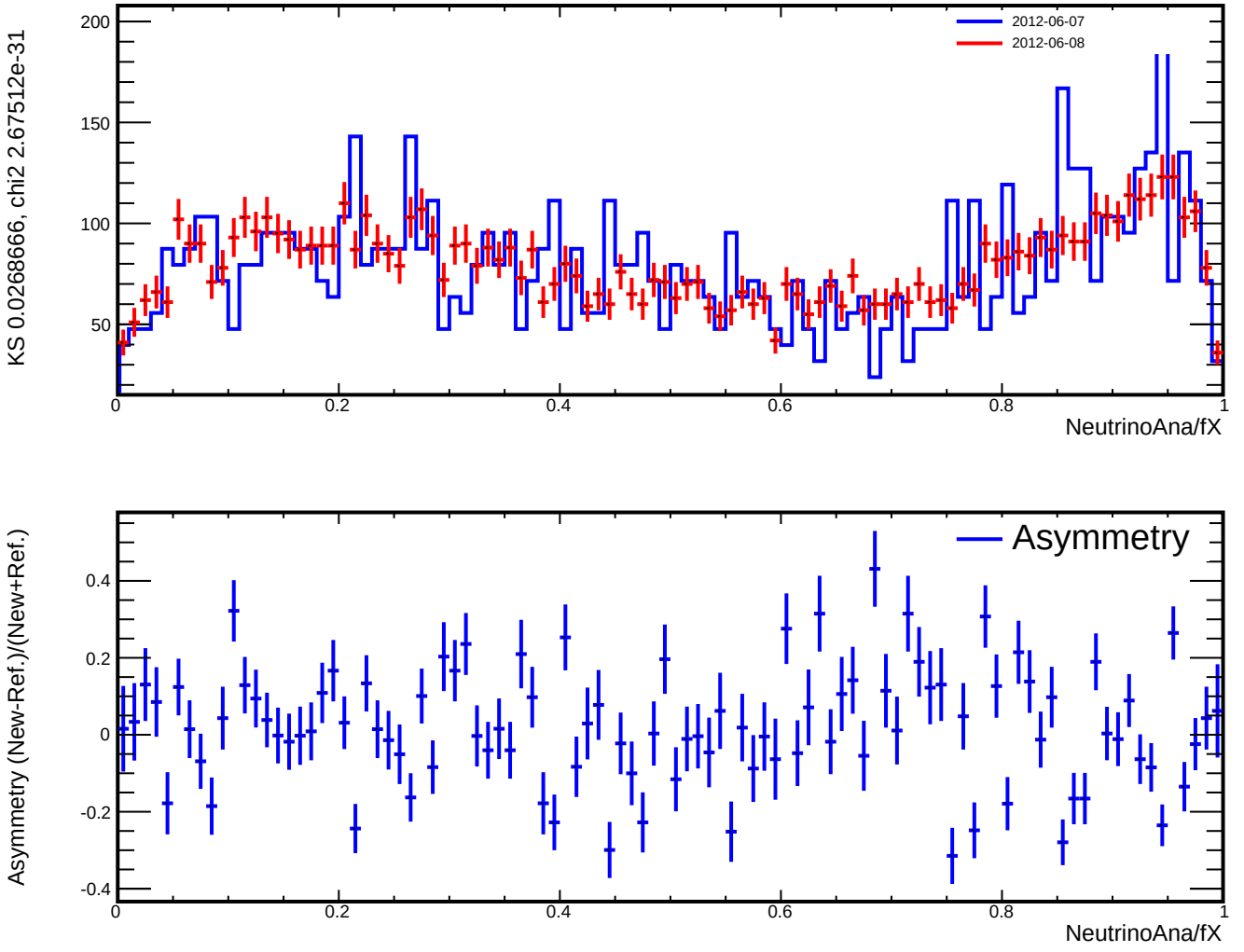

KS 0.000737787, chi2 1.76713e-20
2012-06-07
2012-06-08
30
20
10
0
-1
-0.5
0
0.5
1
NeutrinoAna/fEDCosZ

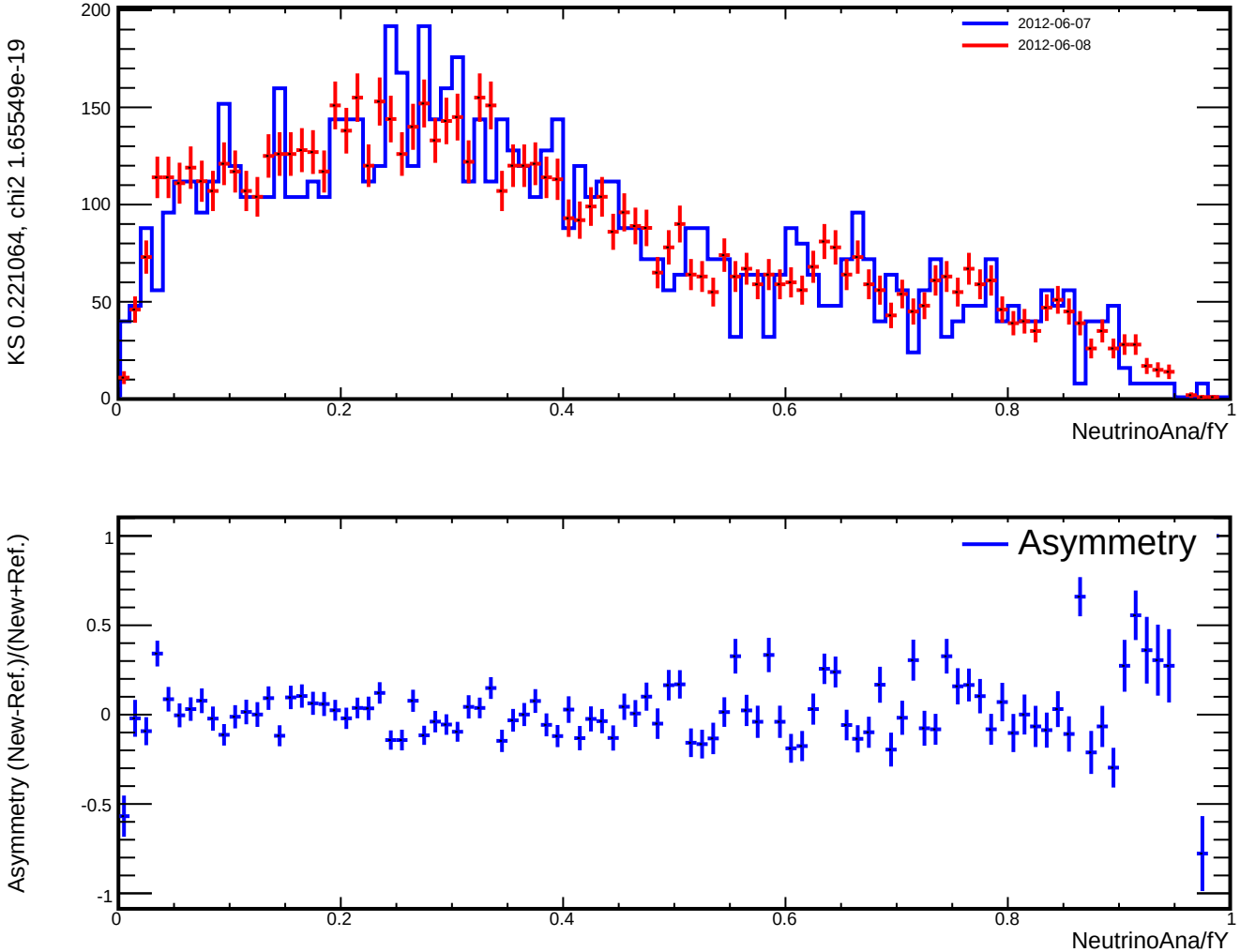

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fEDCosZ

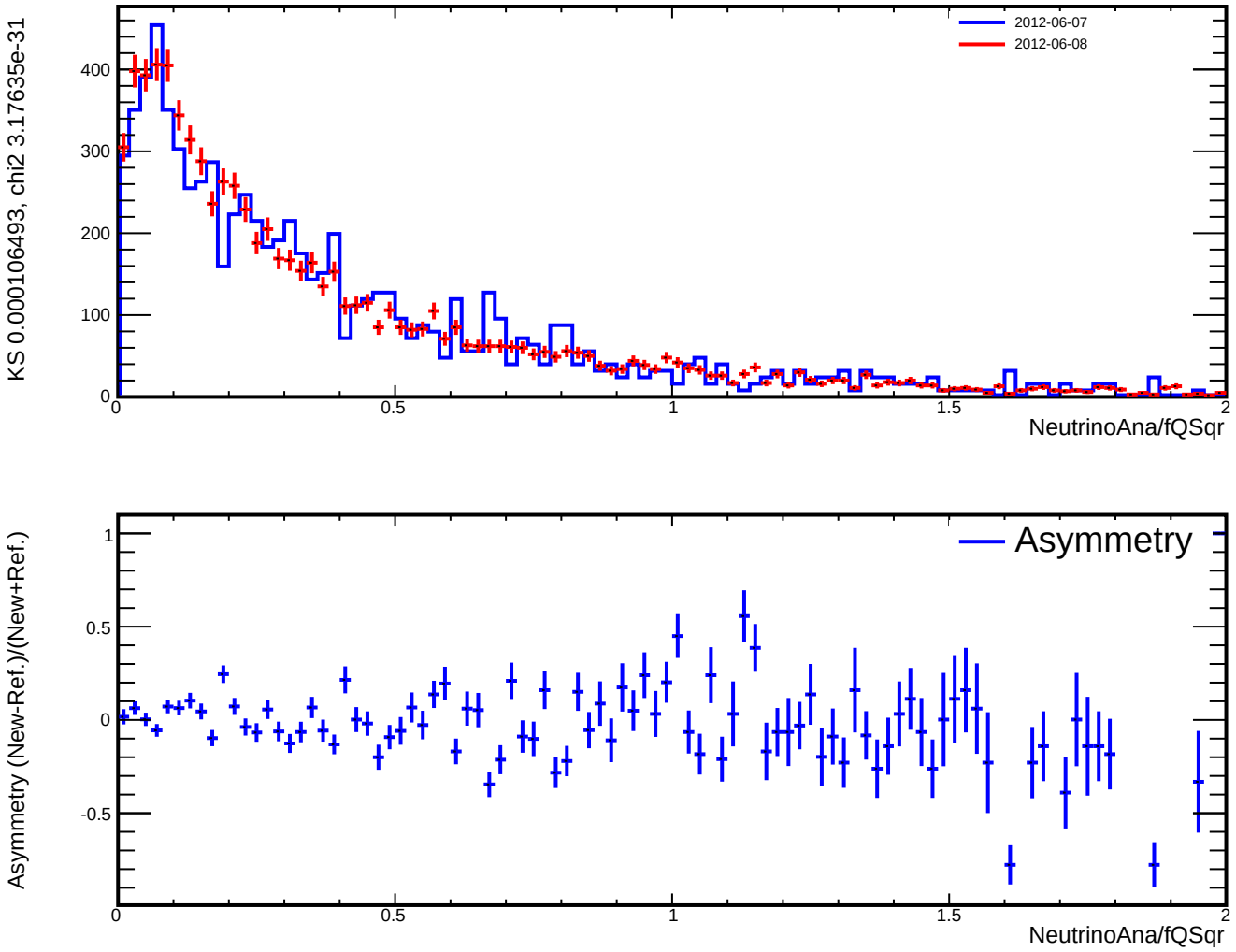

KS 1.77661e-05, chi2 9.09534e-71
2012-06-07
2012-06-08
300
200
100
0
-4
-2
0
2
4
NeutrinoAna/fECons

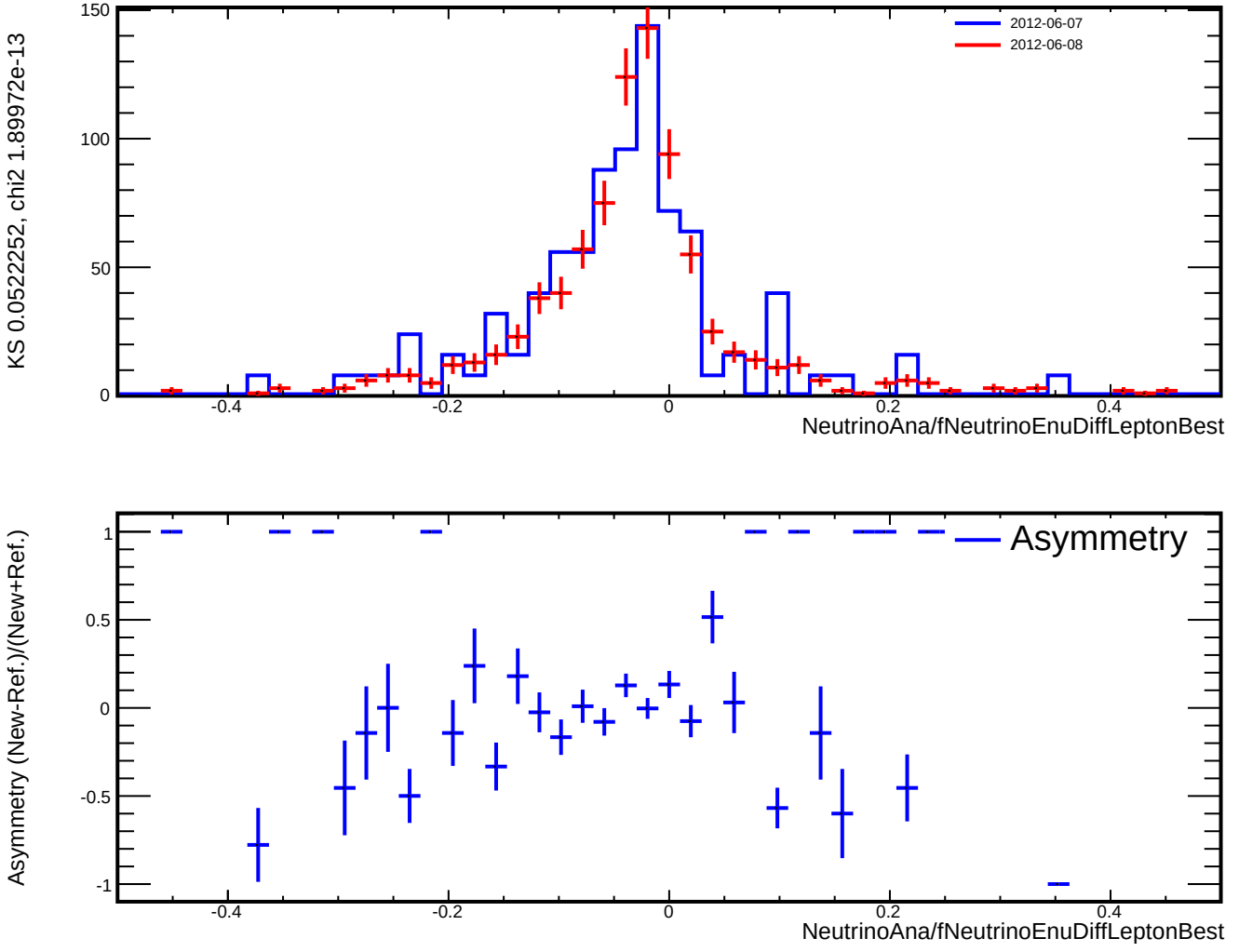

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-4
-2
0
2
4
NeutrinoAna/fECons

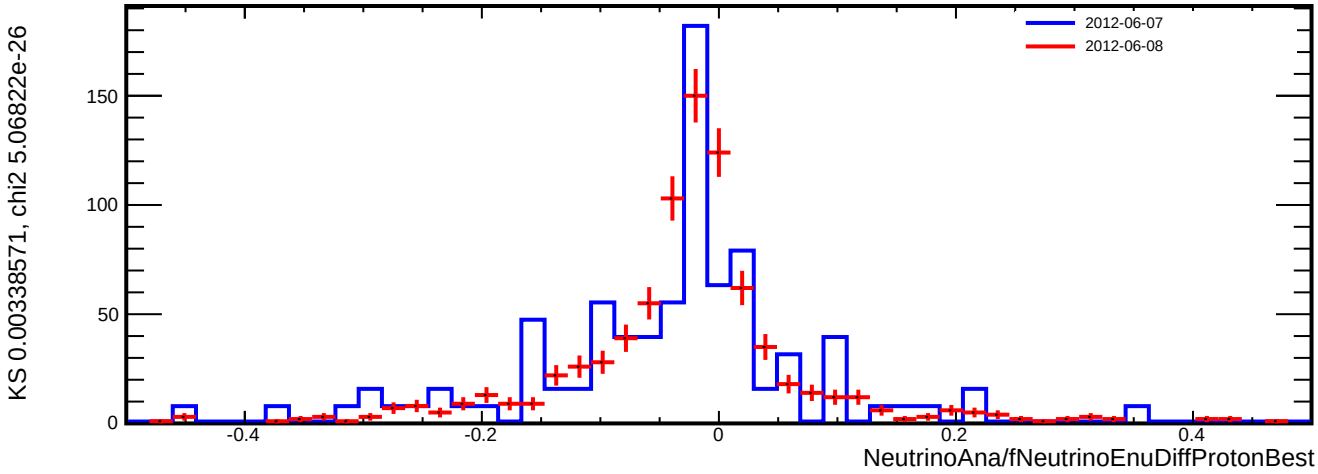

KS 0.283886, chi2 7.96231e-25
2012-06-07
2012-06-08
NeutrinoAna/fW
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fW

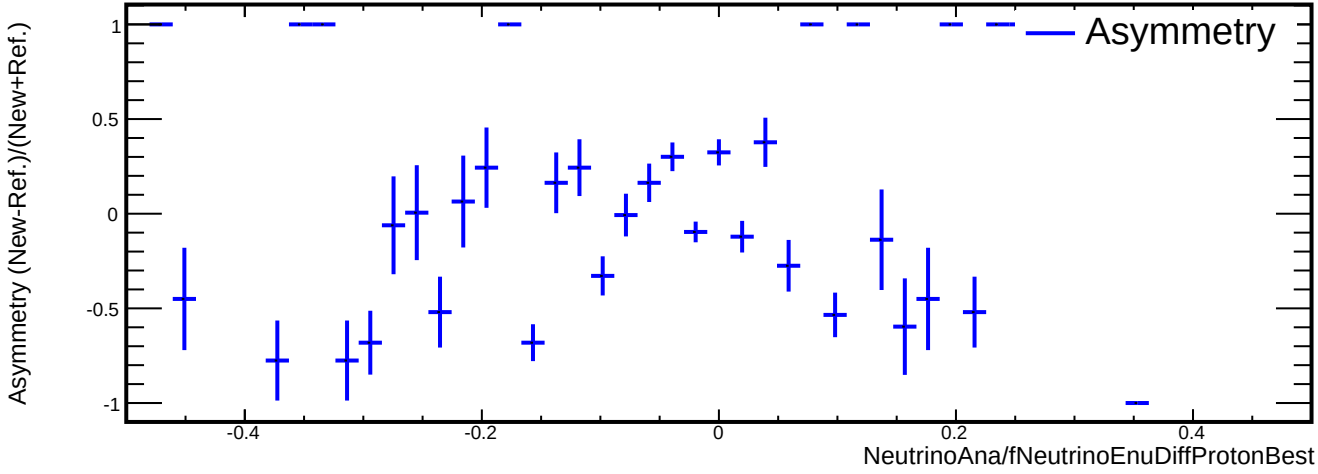

KS 0.0268666, chi2 2.67512e-31
2012-06-07
2012-06-08
NeutrinoAna/fX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fX

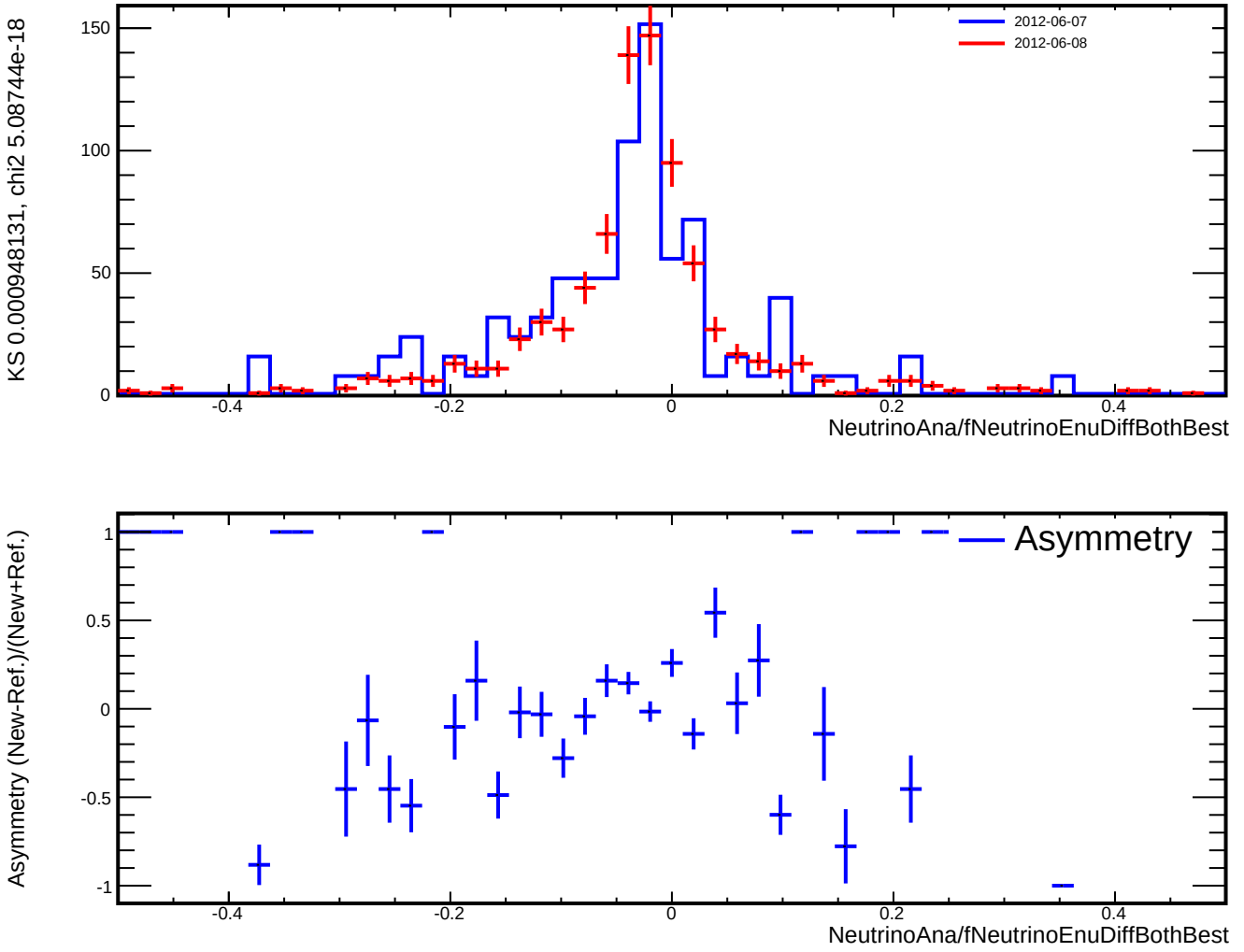

KS 0.221064, chi2 1.65549e-19
2012-06-07
2012-06-08
NeutrinoAna/fY
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fY

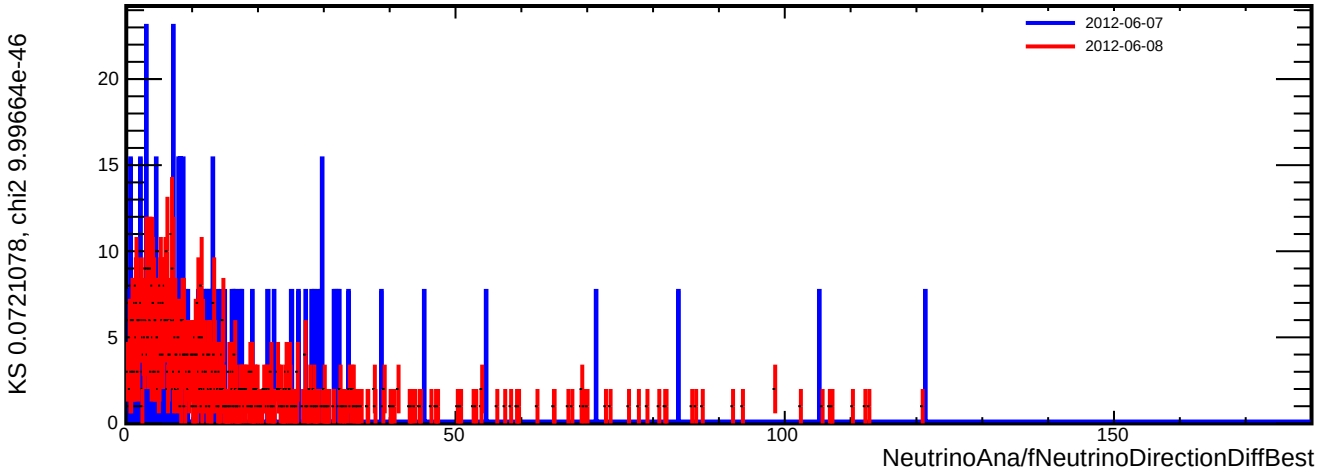

KS 0.000106493, chi2 3.17635e-31
2012-06-07
2012-06-08
NeutrinoAna/fQSqr
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fQSqr

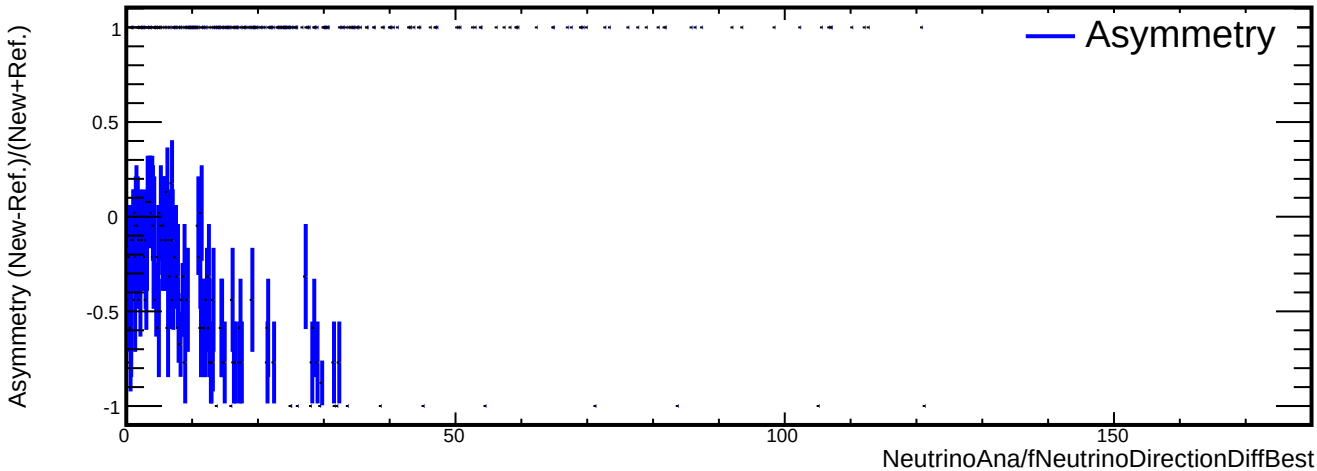

KS 0.0522252, chi2 1.89972e-13
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffLeptonBest
2012-06-07
2012-06-08
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffLeptonBest
Asymmetry

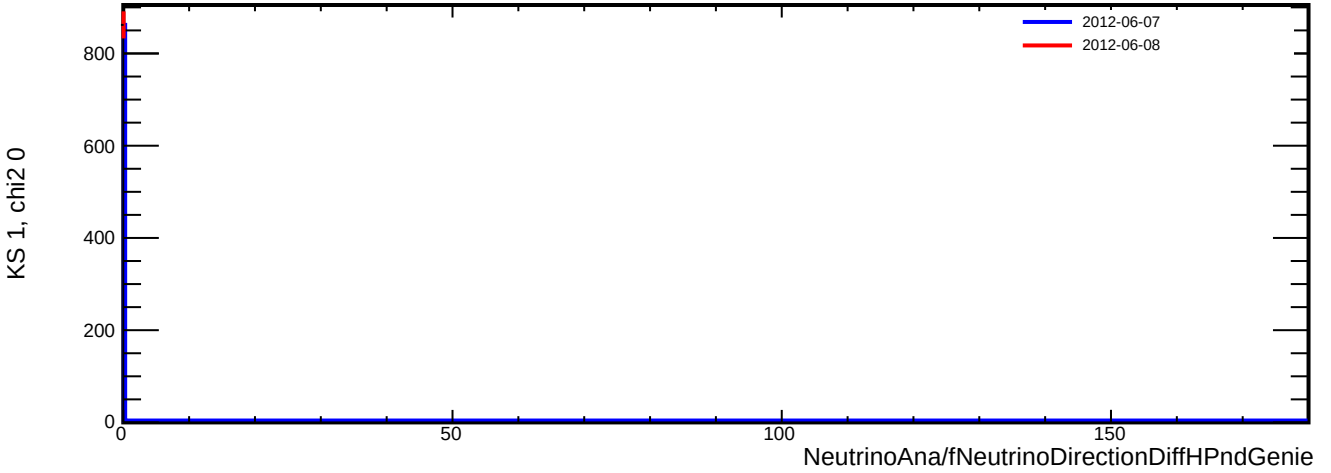

KS 0.00338571, chi2 5.06822e-26
2012-06-07
2012-06-08
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

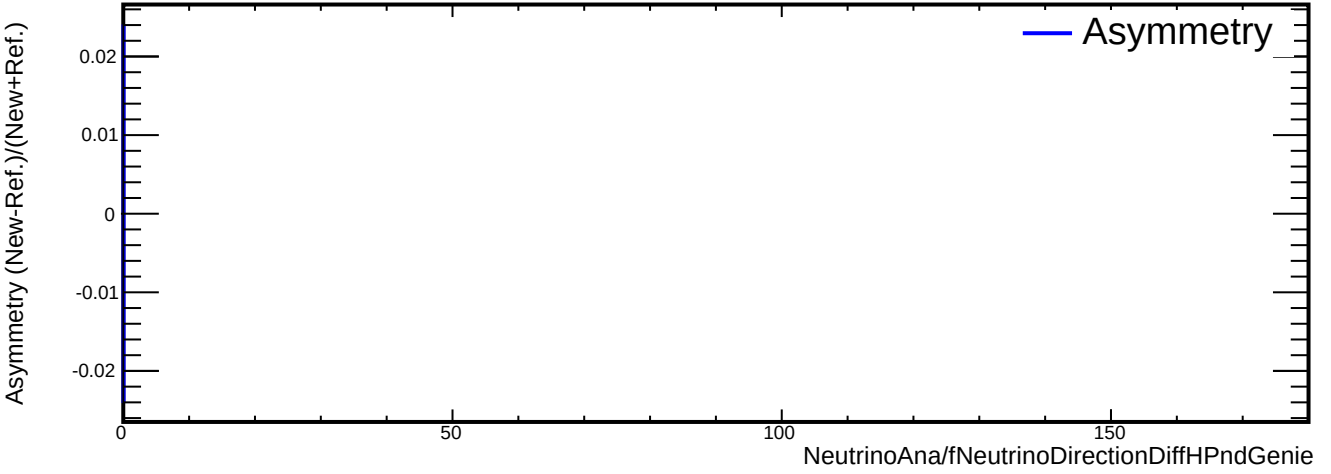

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

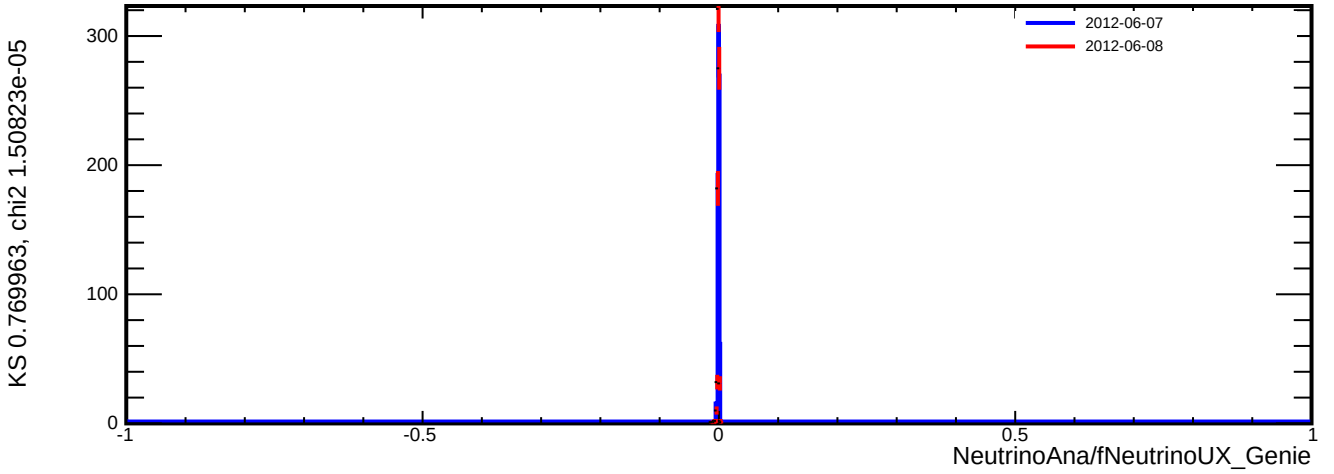

KS 0.000948131, chi2 5.08744e-18
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest
2012-06-07
2012-06-08
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
Asymmetry
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest

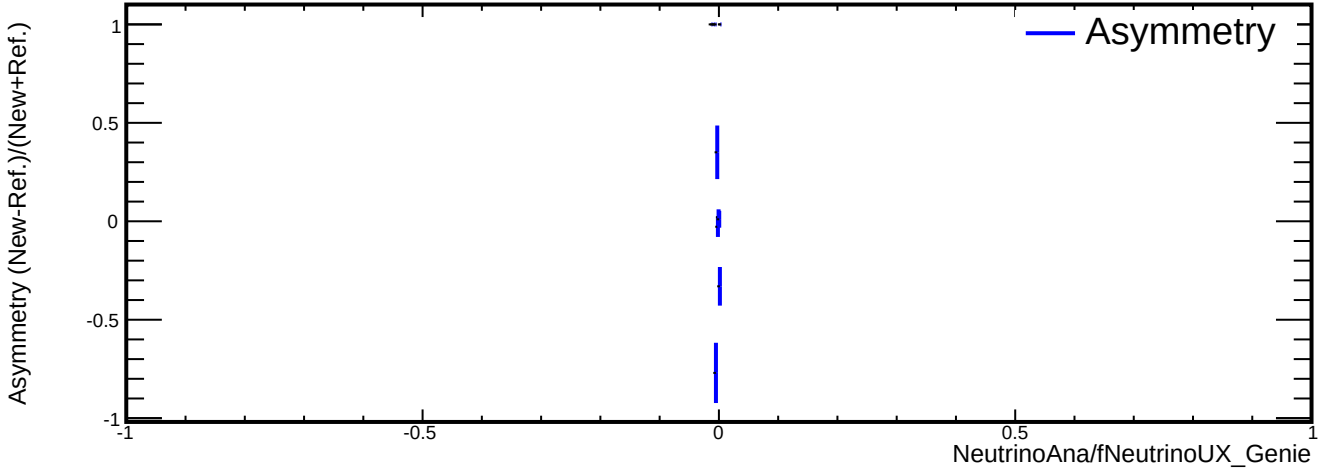

KS 0.0721078, chi2 9.99664e-46
2012-06-07
2012-06-08
0
5
10
15
20
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffBest

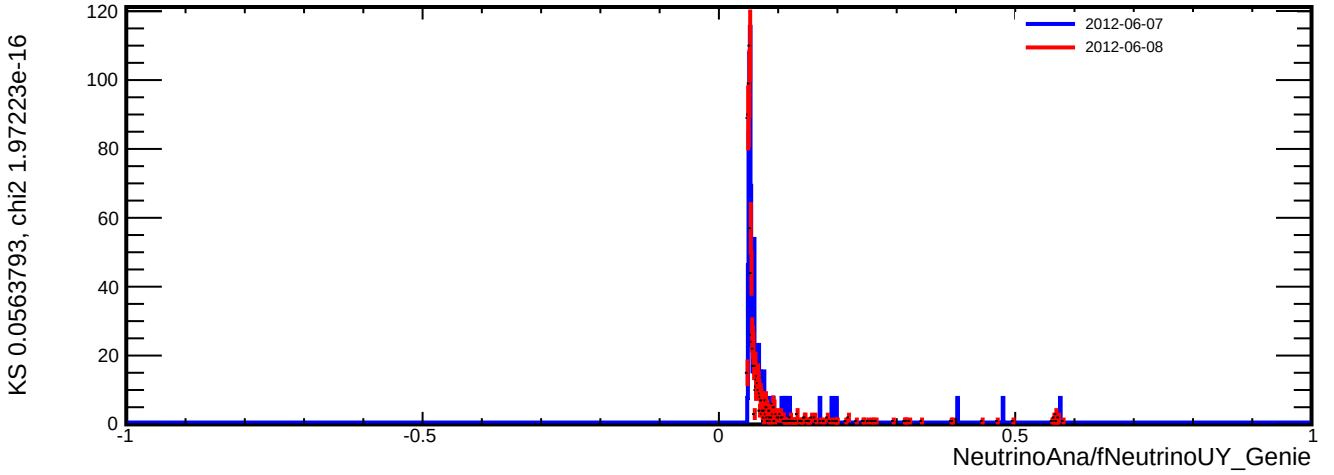

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffBest

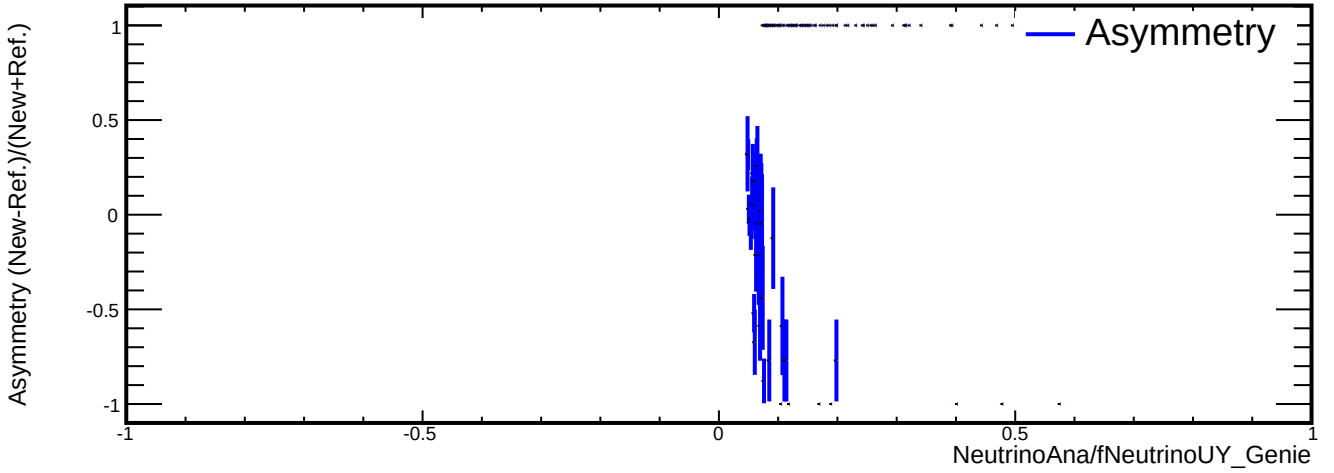

2012-06-07
2012-06-08
KS 1, chi2 0
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

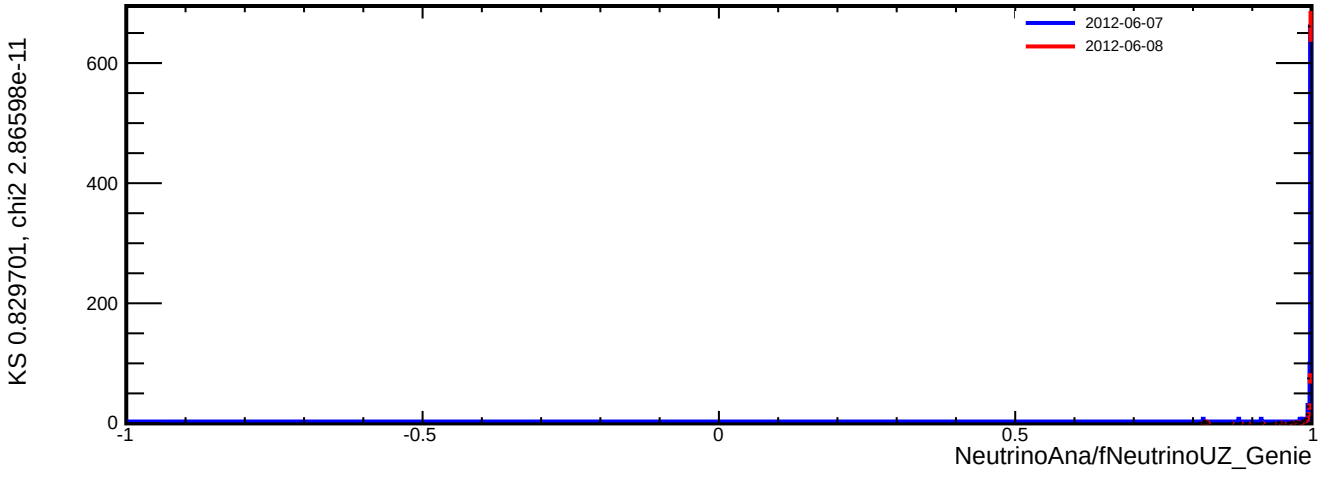

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

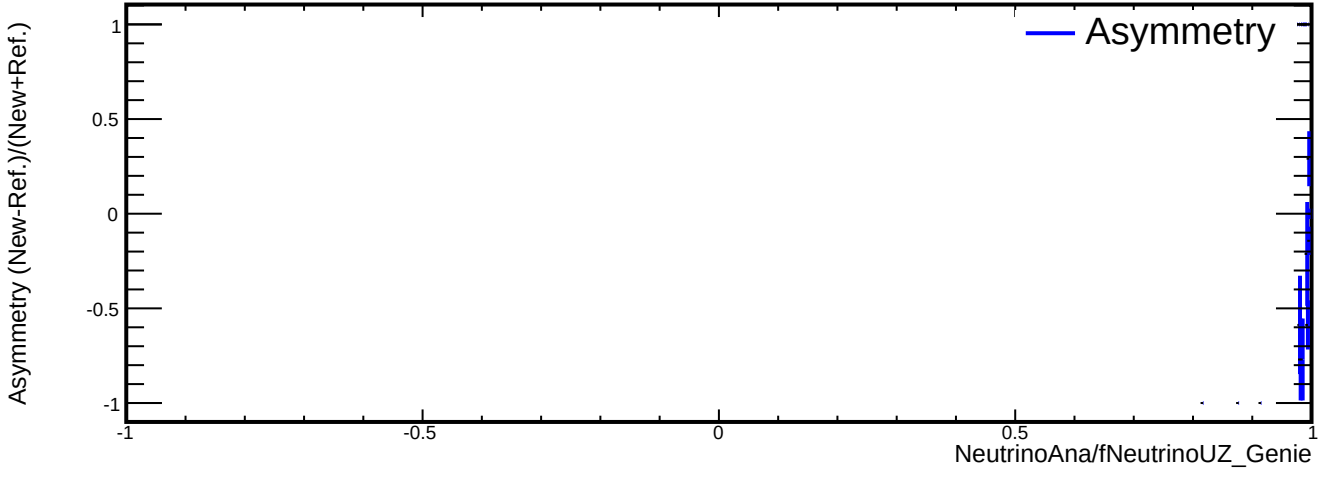

KS 0.769963, chi2 1.50823e-05
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie
2012-06-07
2012-06-08

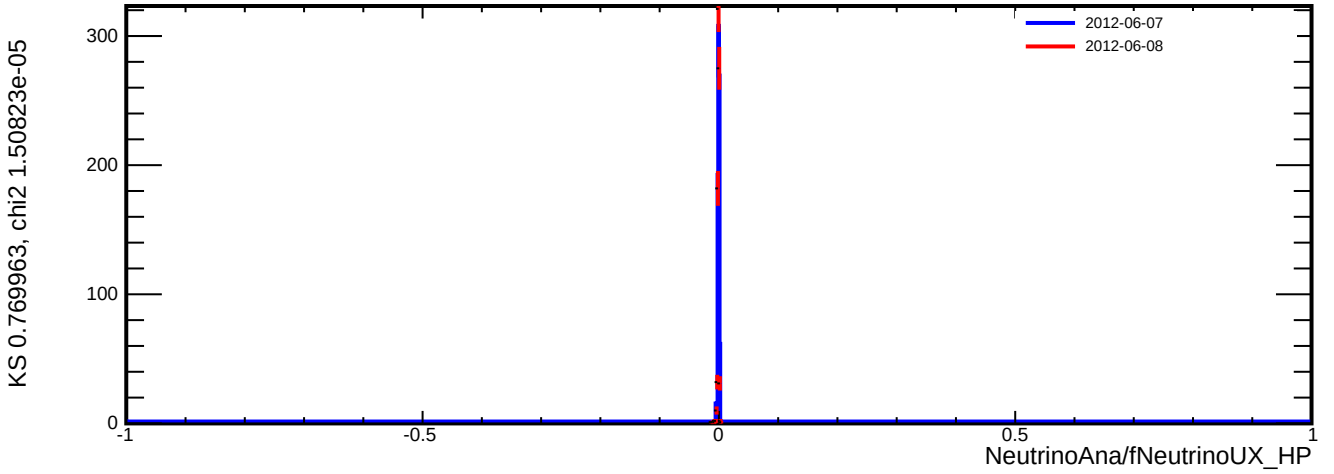

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie
Asymmetry

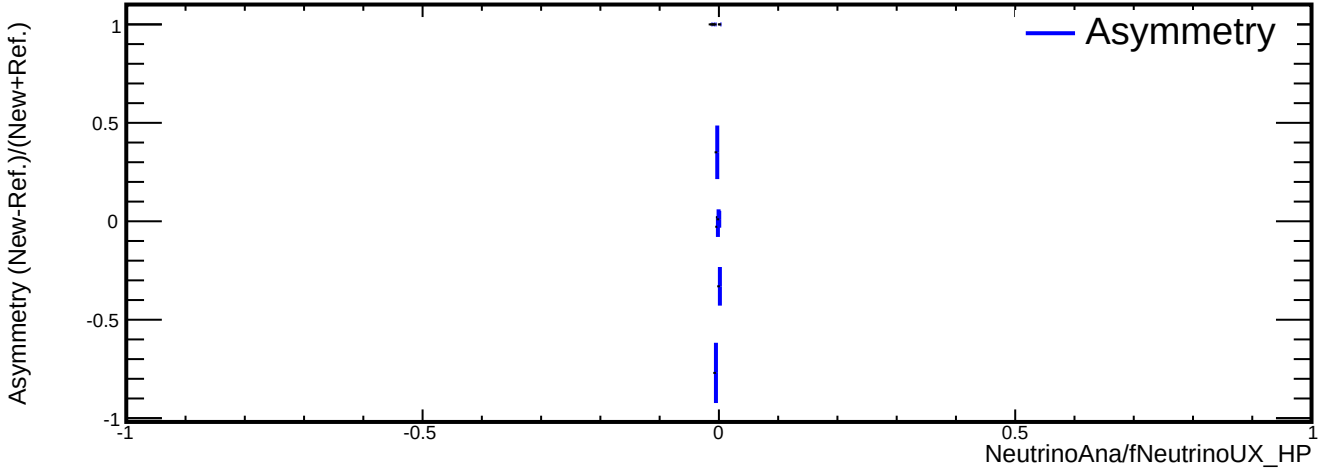

KS 0.0563793, chi2 1.97223e-16
2012-06-07
2012-06-08
NeutrinoAna/fNeutrinoUY_Genie

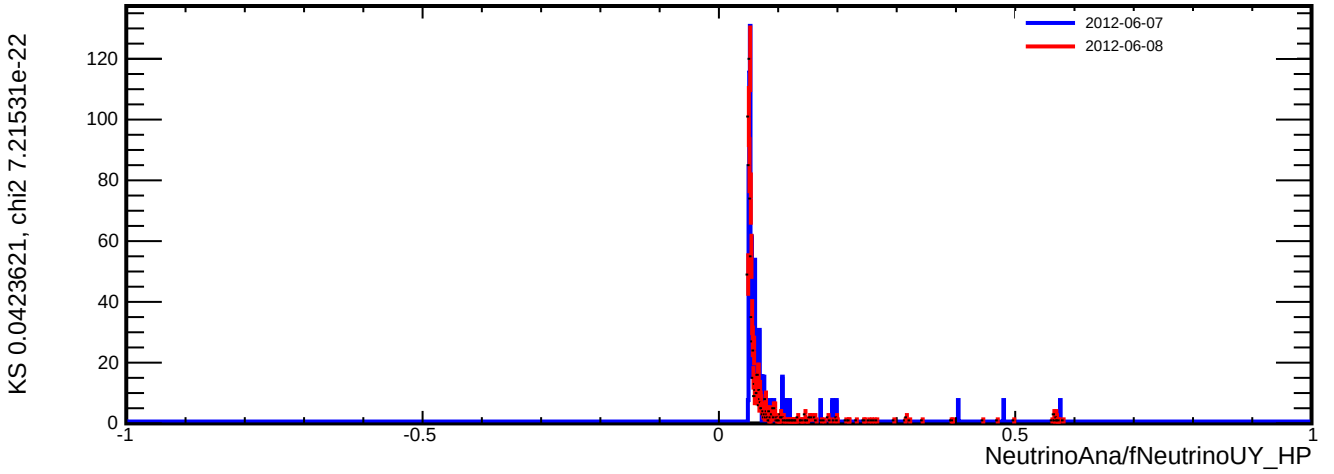

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoUY_Genie

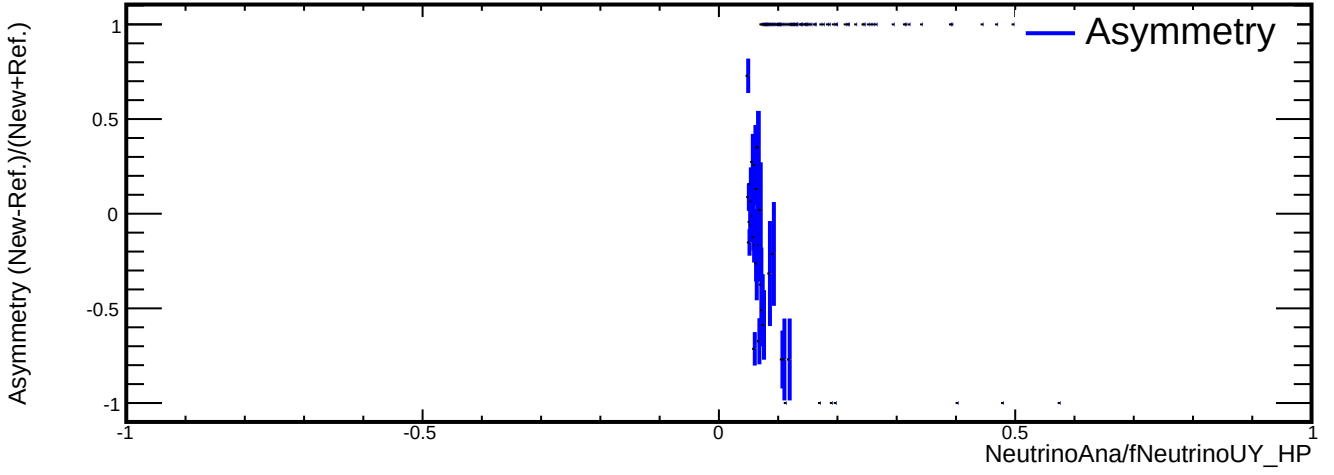

KS 0.829701, chi2 2.86598e-11
2012-06-07
2012-06-08
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie

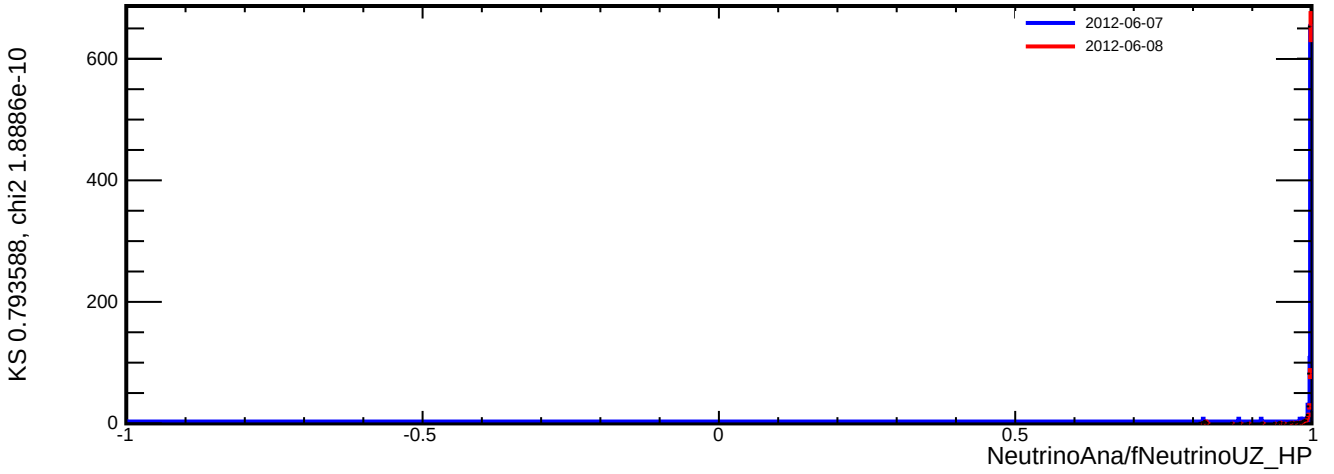

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie

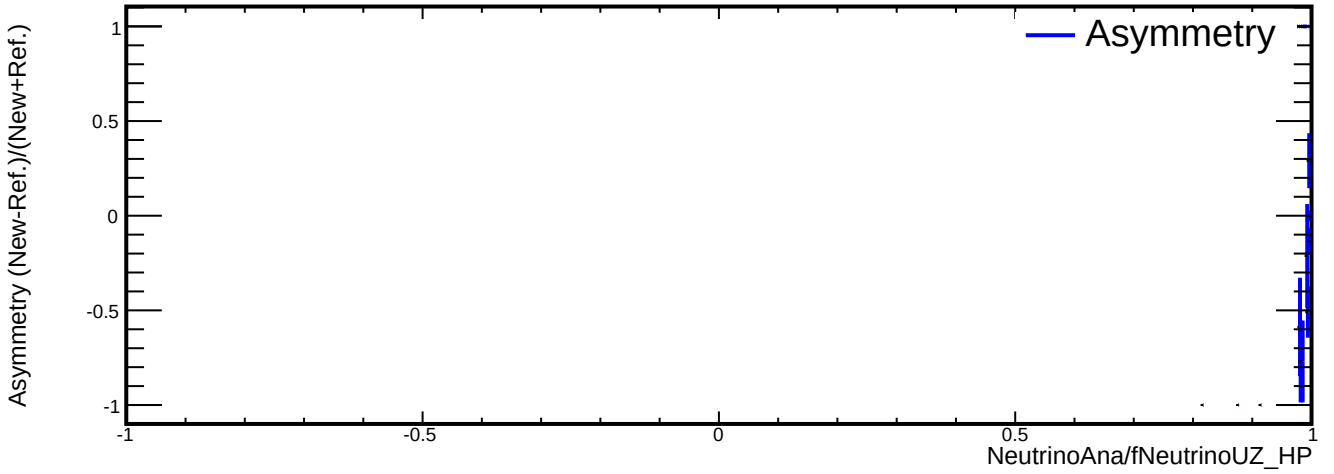

KS 0.769963, chi2 1.50823e-05
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP
2012-06-07
2012-06-08

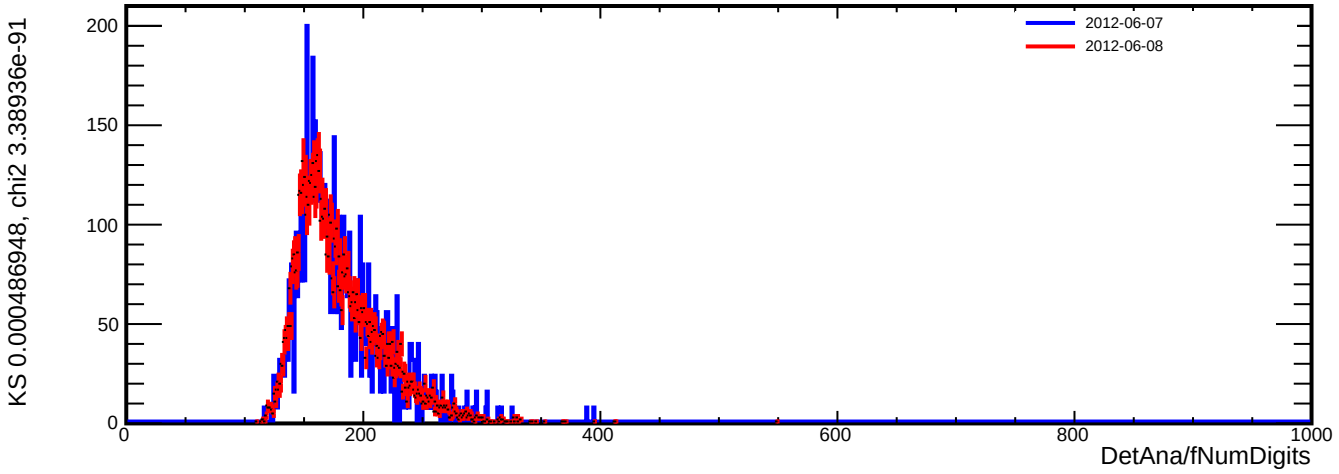

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP
Asymmetry

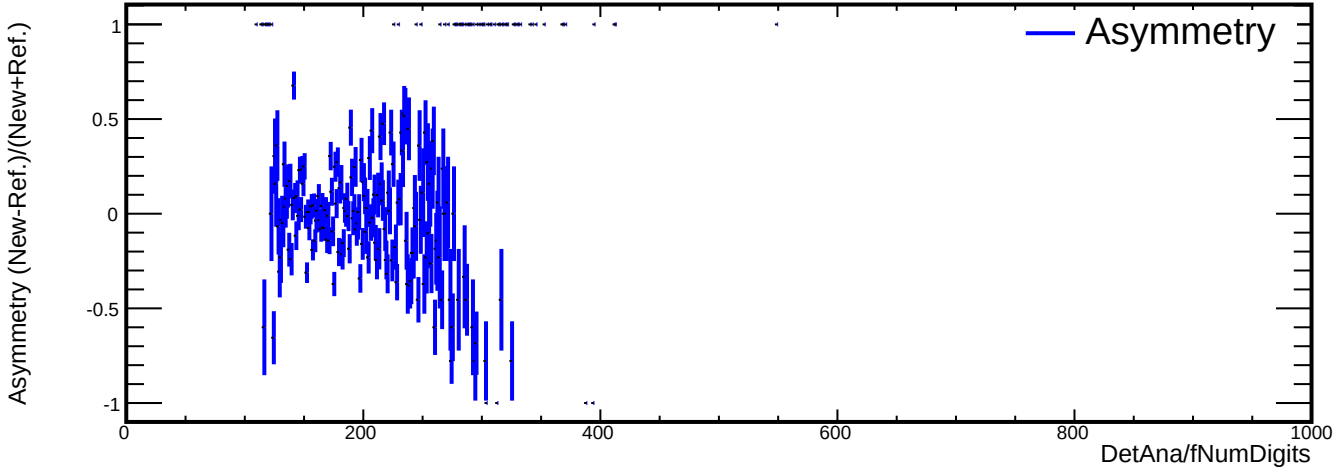

KS 0.0423621, chi2 7.21531e-22
2012-06-07
2012-06-08
120
100
80
60
40
20
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUY_HP

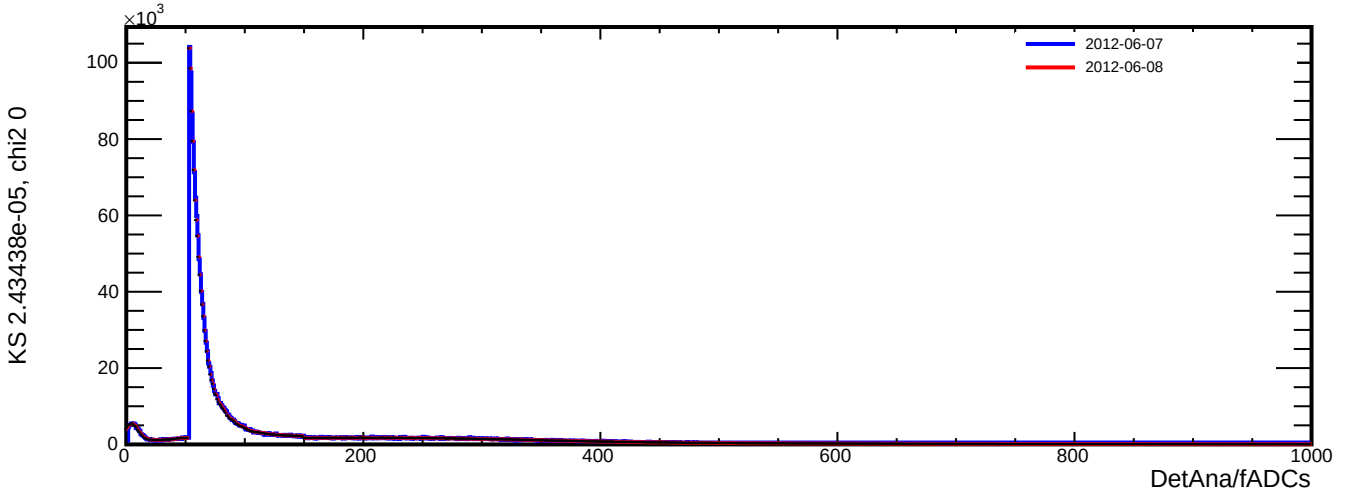

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUY_HP

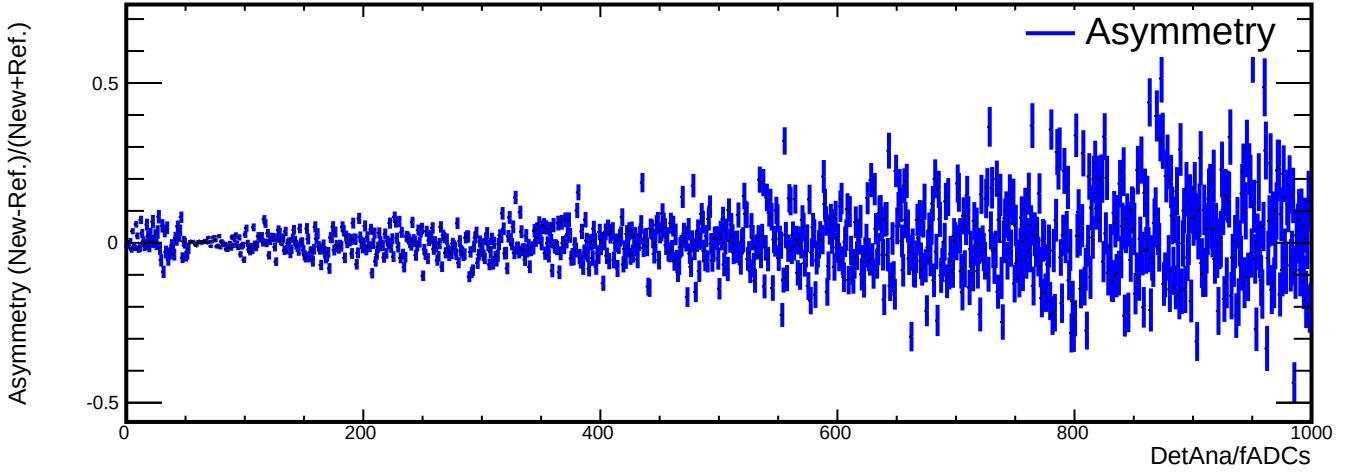

KS 0.793588, chi2 1.8886e-10
2012-06-07
2012-06-08
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP

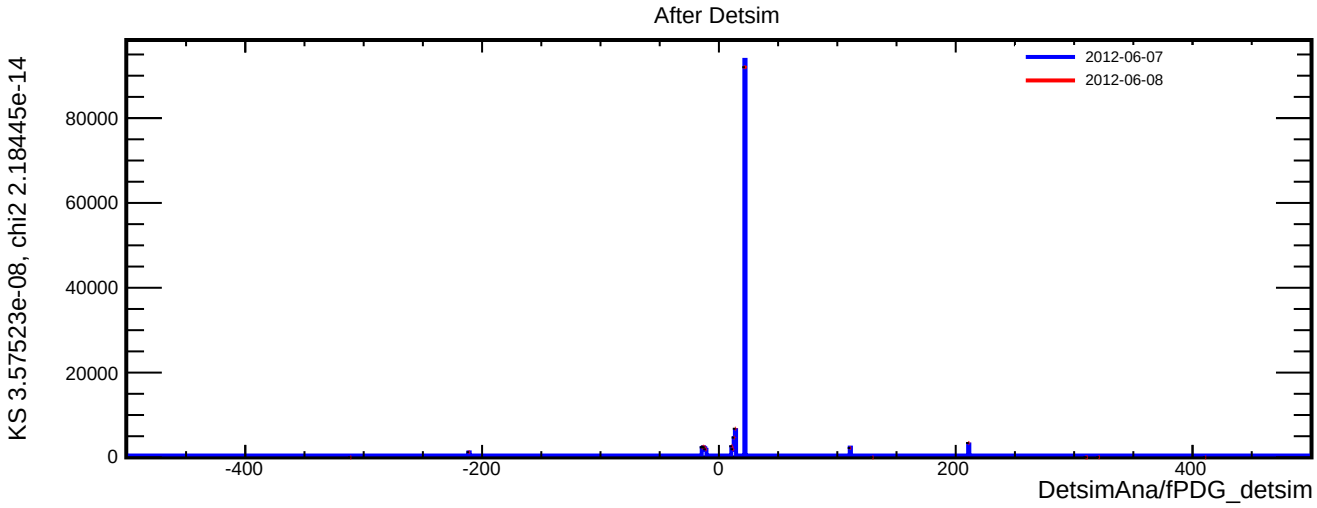

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP

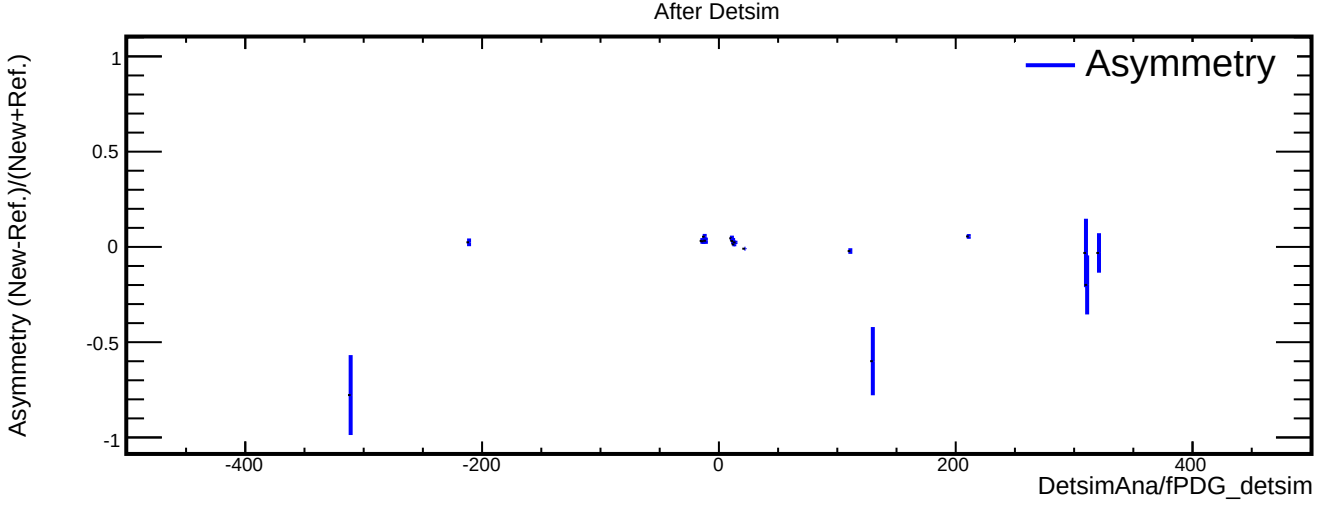

KS 0.000486948, chi2 3.38936e-91
2012-06-07
2012-06-08
DetAna/fNumDigits

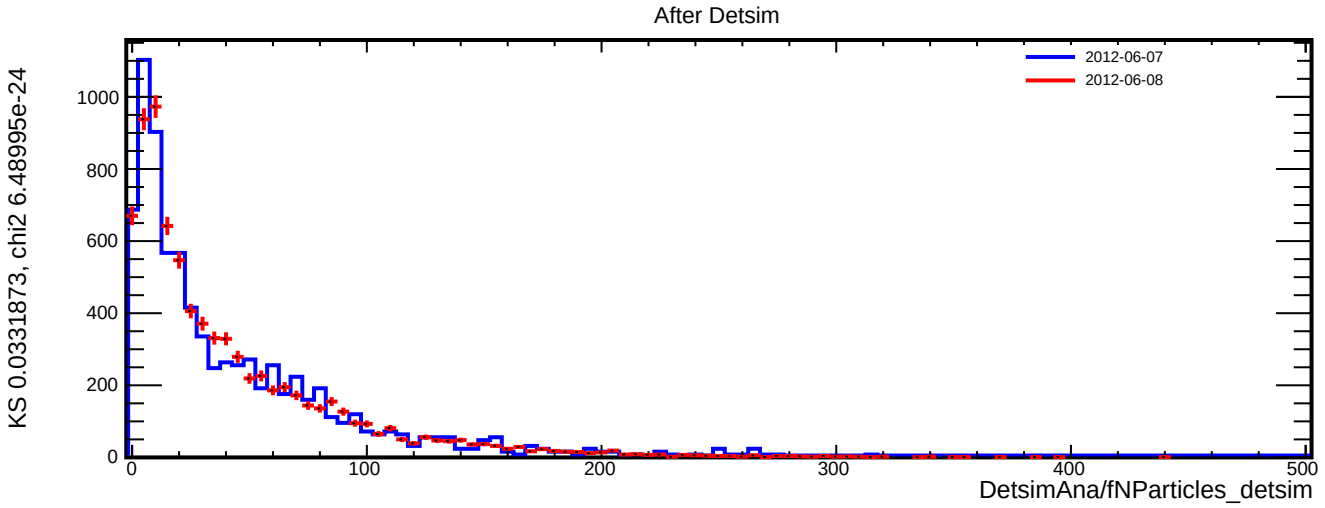

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
DetAna/fNumDigits

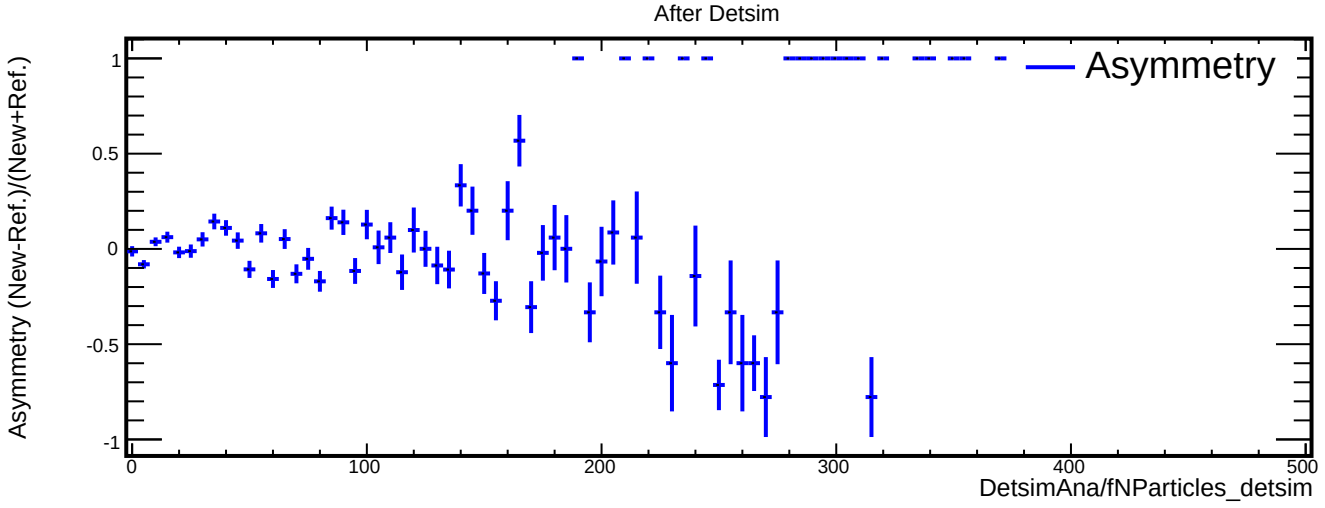

×10^3
100
80
60
40
20
0
0
200
400
600
800
1000
KS 2.43438e-05, chi2 0
DetAna/fADCs
2012-06-07
2012-06-08

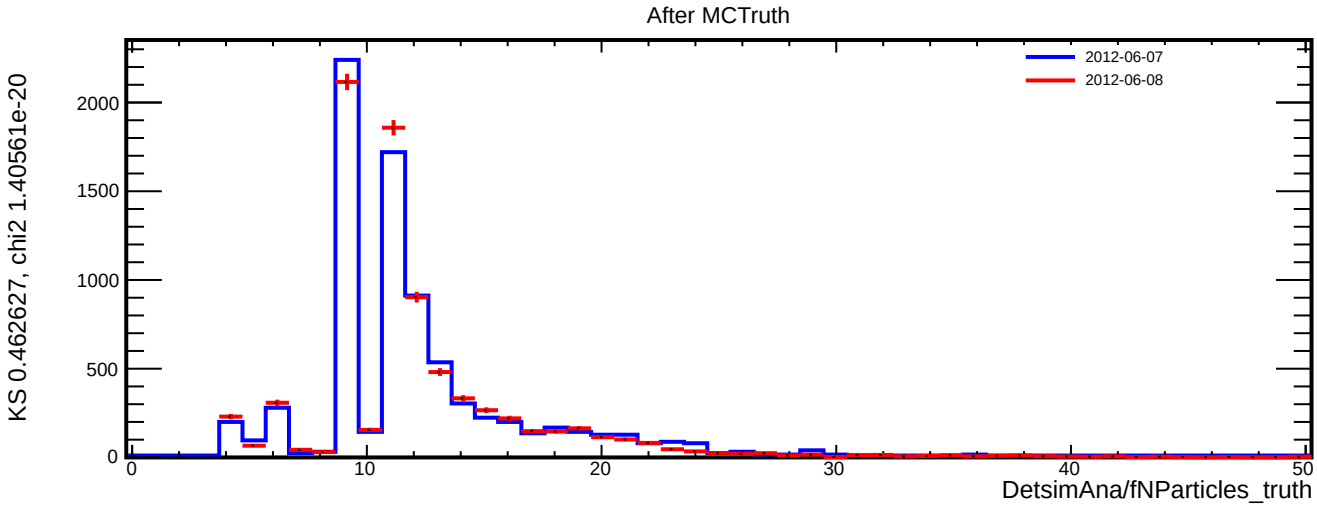

0.5
0
-0.5
0
200
400
600
800
1000
Asymmetry (New-Ref.)/(New+Ref.)
DetAna/fADCs
Asymmetry

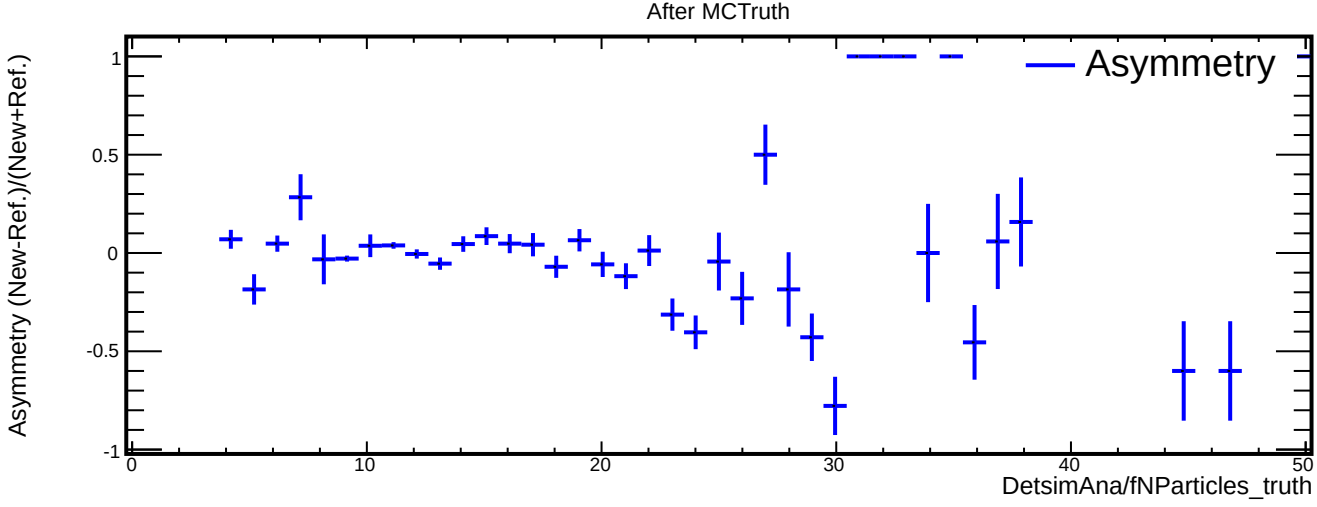

After Detsim
KS 3.57523e-08, chi2 2.18445e-14
2012-06-07
2012-06-08
80000
60000
40000
20000
0
-400
-200
0
200
400
DetsimAna/fPDG_detsim

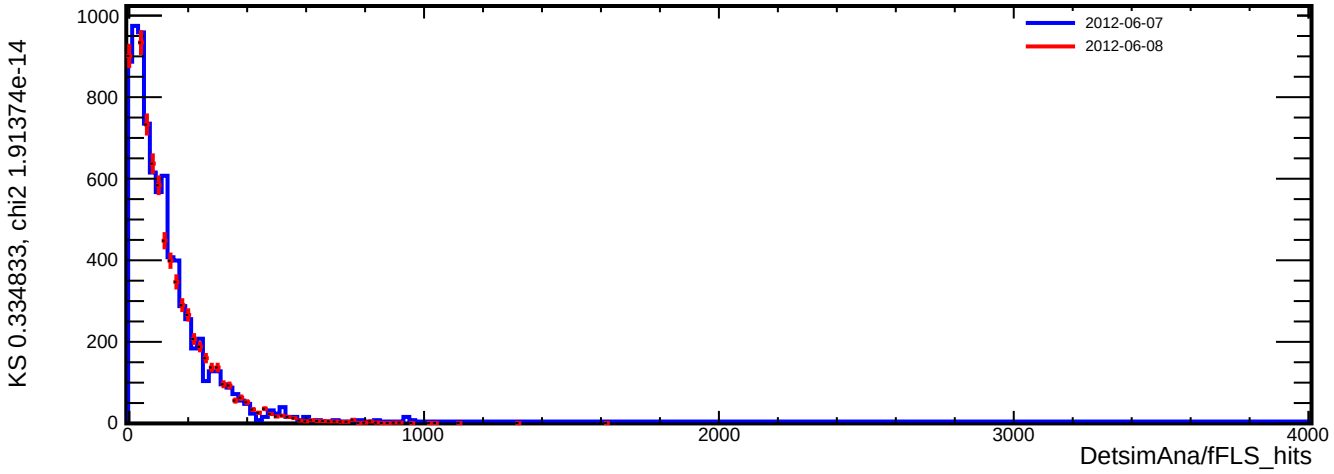

After Detsim
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-400
-200
0
200
400
DetsimAna/fPDG_detsim

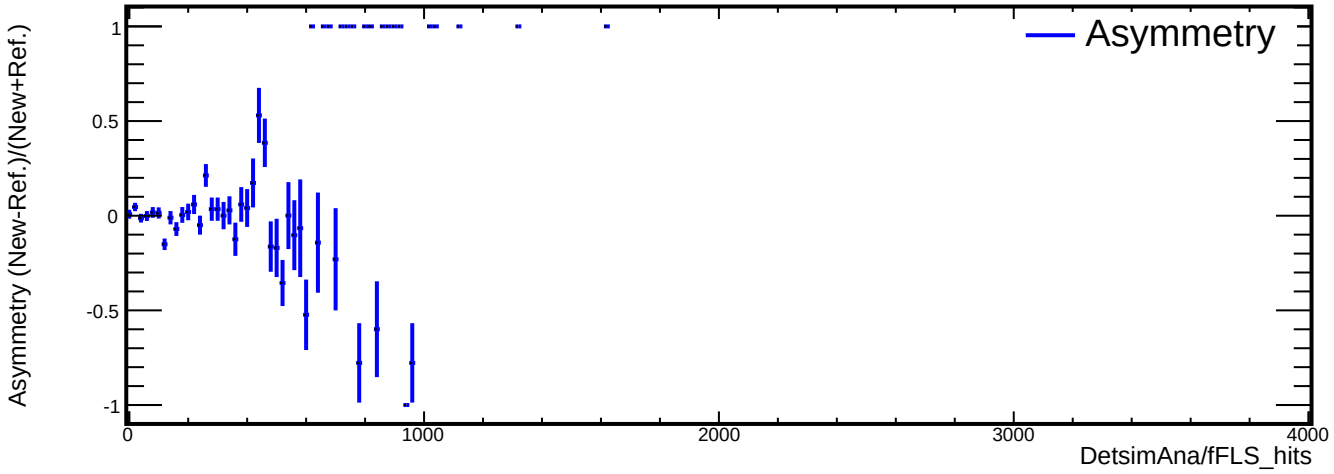

After Detsim
KS 0.0331873, chi2 6.48995e-24
2012-06-07
2012-06-08
1000
800
600
400
200
0
0
100
200
300
400
500
DetsimAna/fNParticles_detsim

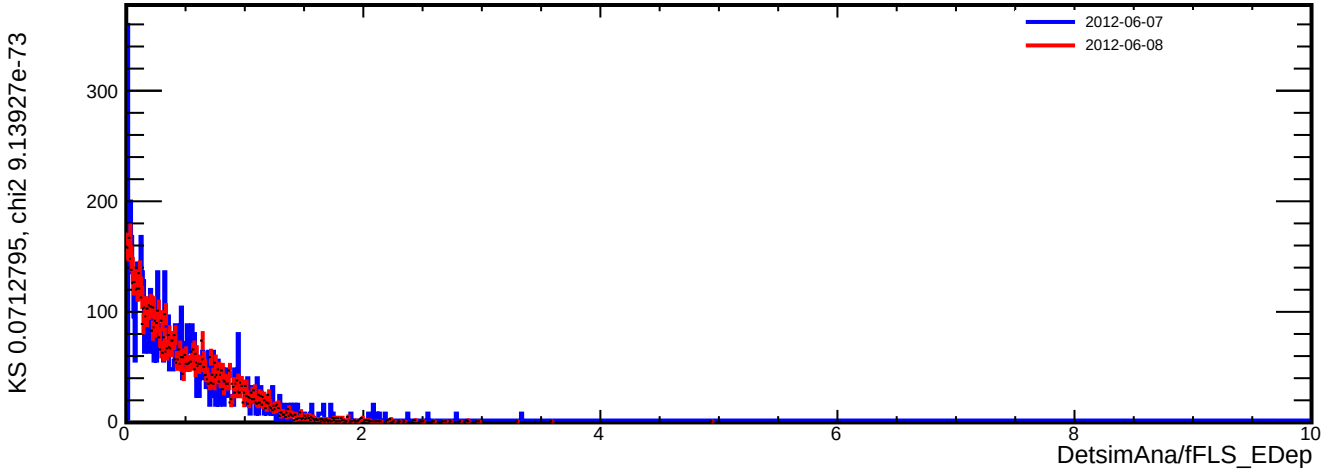

After Detsim
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
100
200
300
400
500
DetsimAna/fNParticles_detsim

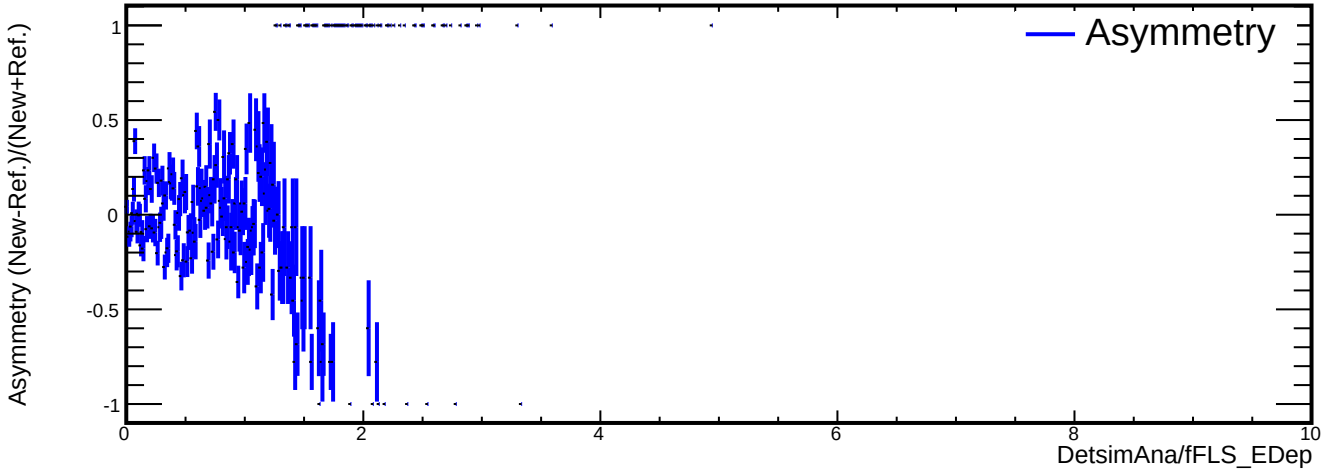

After MCTruth
KS 0.462627, chi2 1.40561e-20
2012-06-07
2012-06-08
0
500
1000
1500
2000
0
10
20
30
40
50
DetsimAna/fNParticles_truth

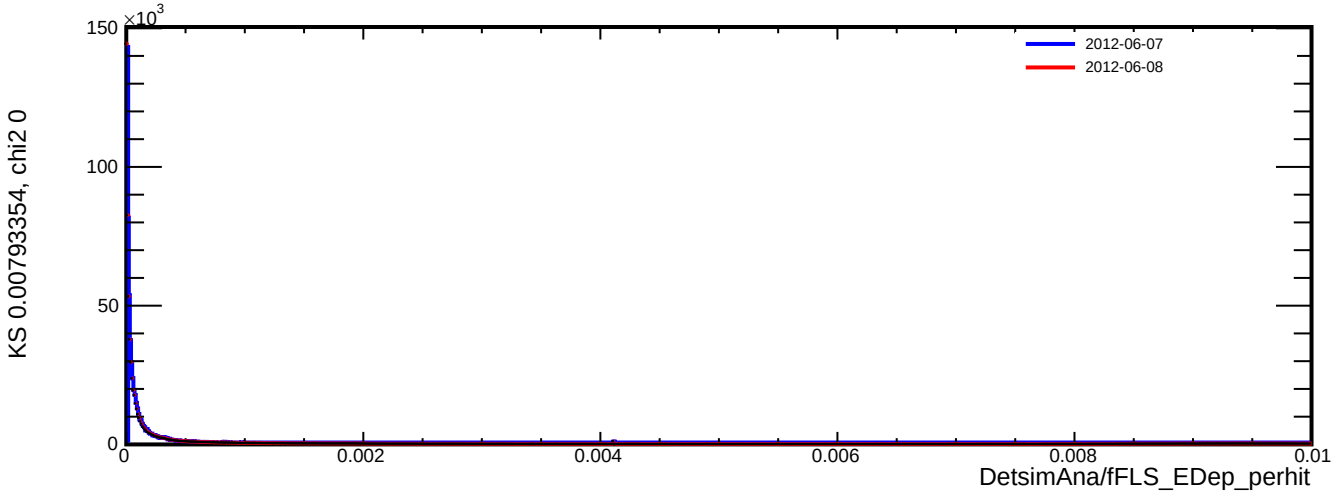

After MCTruth
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
10
20
30
40
50
DetsimAna/fNParticles_truth

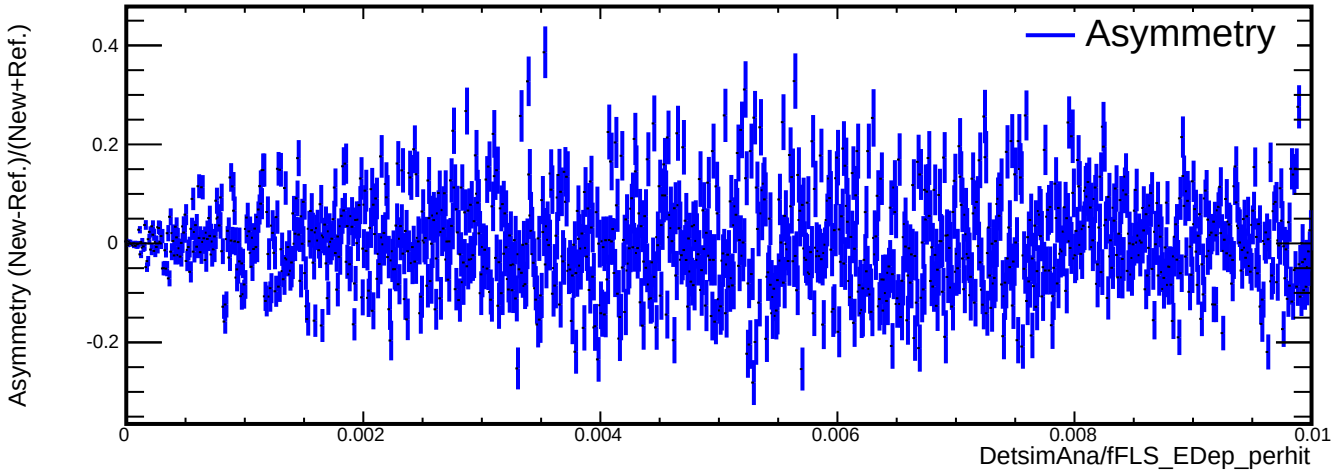

KS 0.334833, chi2 1.91374e-14
2012-06-07
2012-06-08
DetsimAna/fFLS_hits

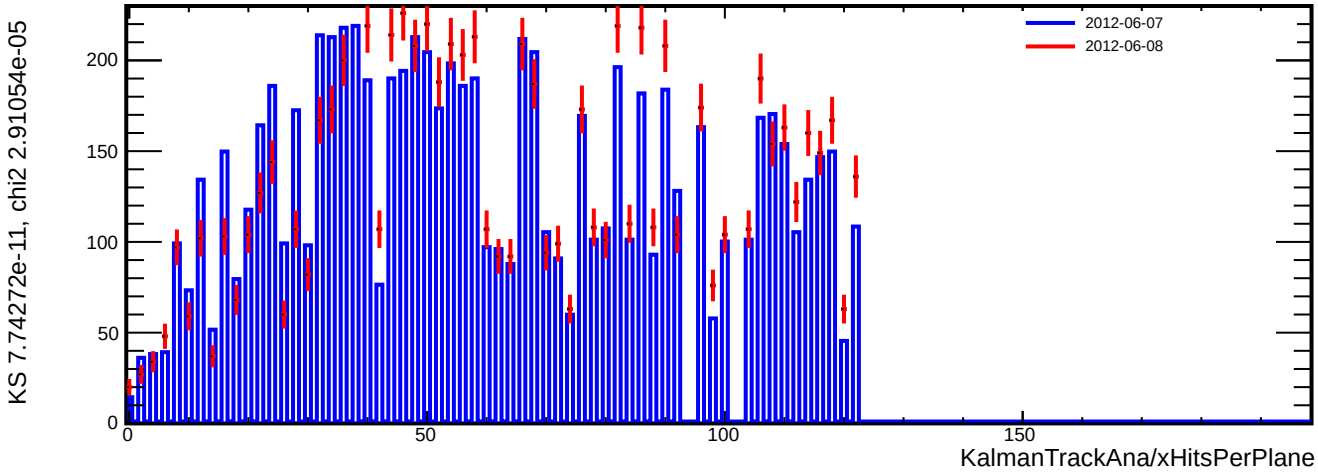

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
DetsimAna/fFLS_hits

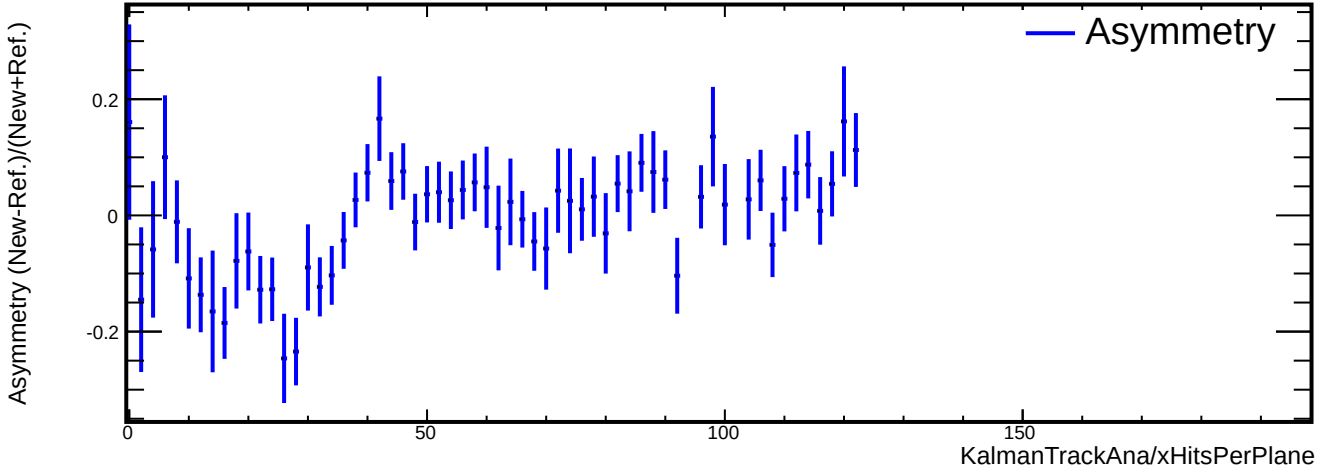

KS 0.0712795, chi2 9.13927e-73
2012-06-07
2012-06-08
300
200
100
0
0
2
4
6
8
10
DetsimAna/fFLS_EDep

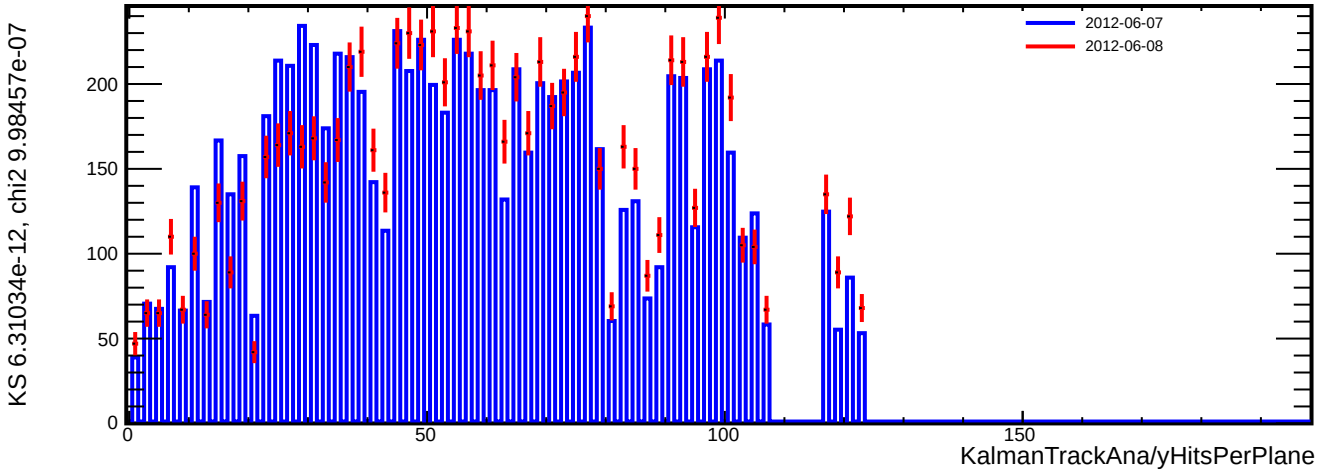

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
2
4
6
8
10
DetsimAna/fFLS_EDep

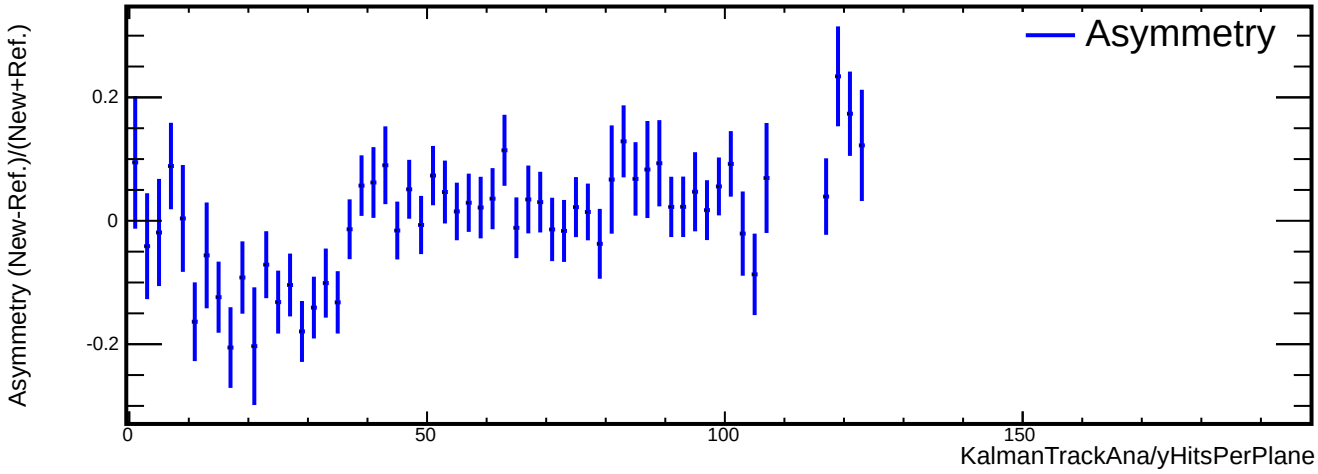

×10^3
150
100
50
0
KS 0.00793354, chi2 0
2012-06-07
2012-06-08
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit

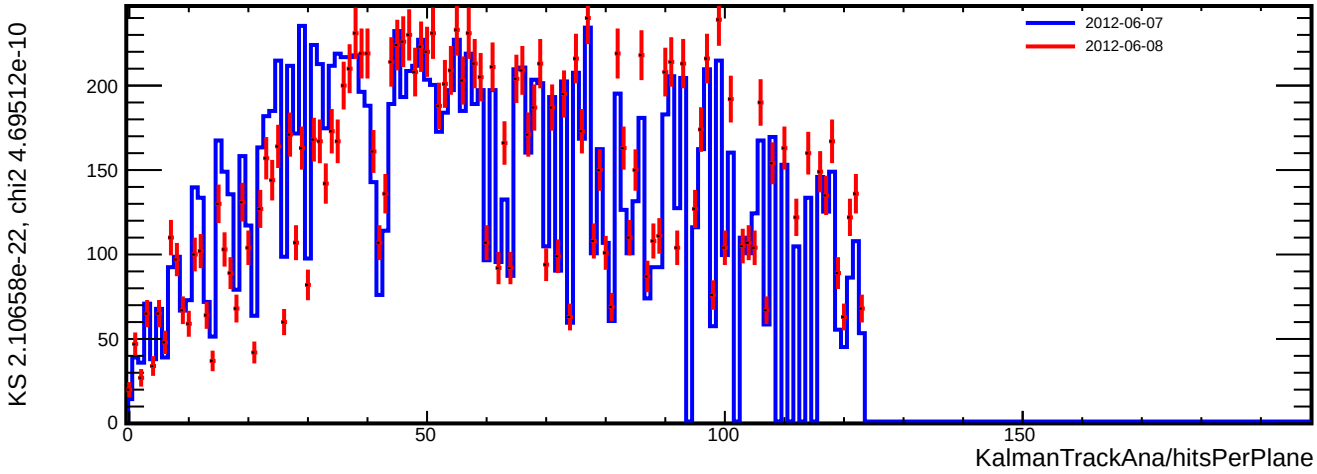

Asymmetry (New-Ref.)/(New+Ref.)
0.4
0.2
0
-0.2
Asymmetry
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit

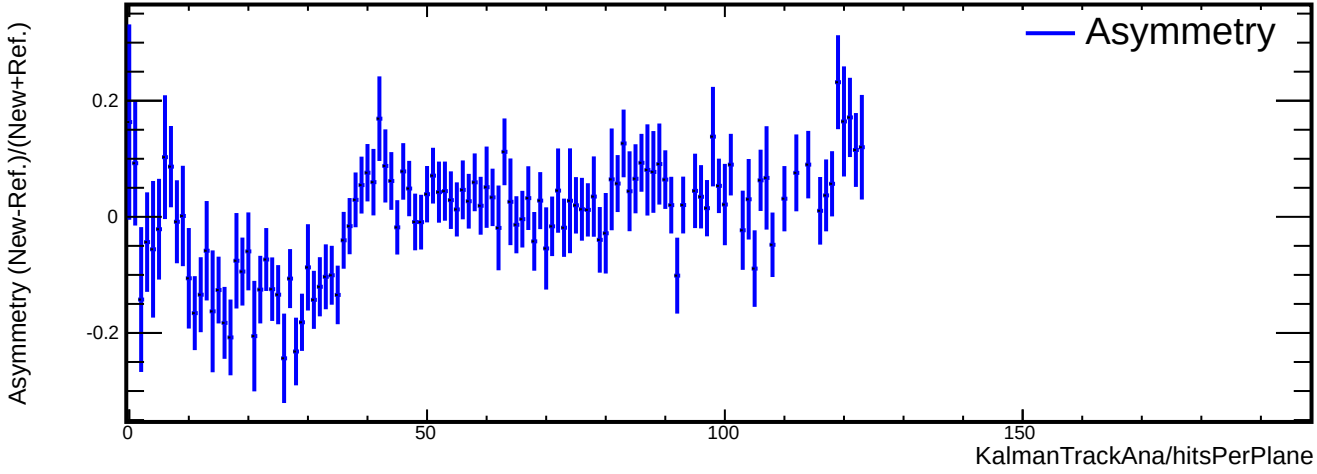

KS 7.74272e-11, chi2 2.91054e-05
2012-06-07
2012-06-08
0
50
100
150
200
0
50
100
150
KalmanTrackAna/xHitsPerPlane

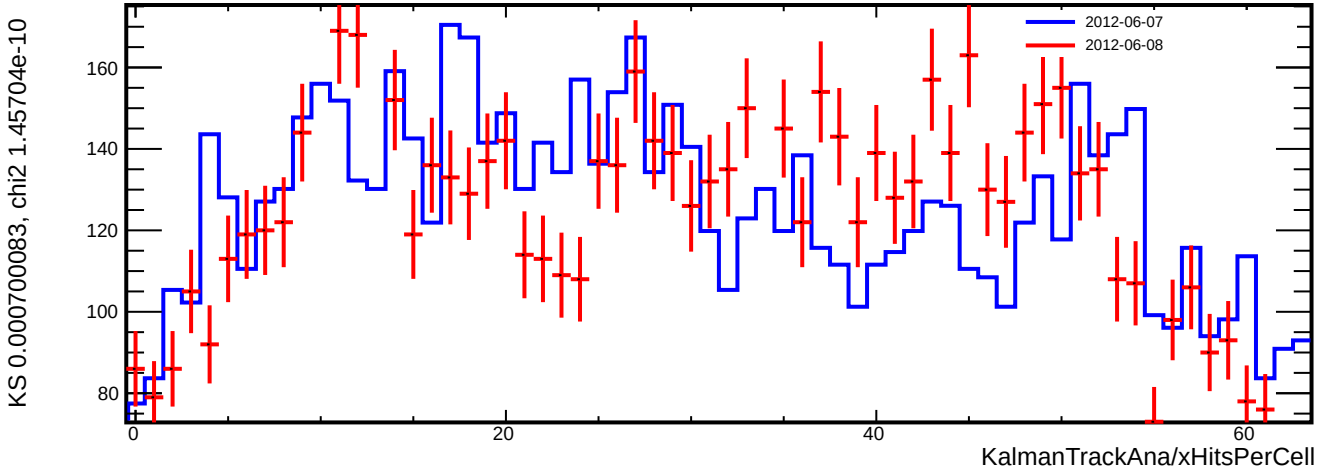

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0
-0.2
0
50
100
150
KalmanTrackAna/xHitsPerPlane

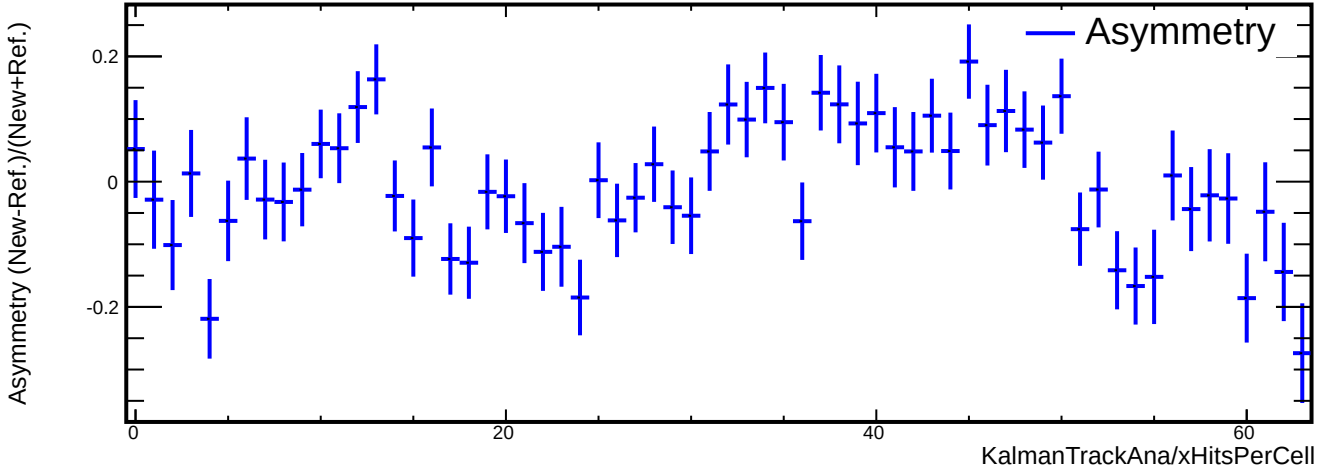

KS 6.31034e-12, chi2 9.98457e-07
2012-06-07
2012-06-08
0
50
100
150
200
0
50
100
150
KalmanTrackAna/yHitsPerPlane

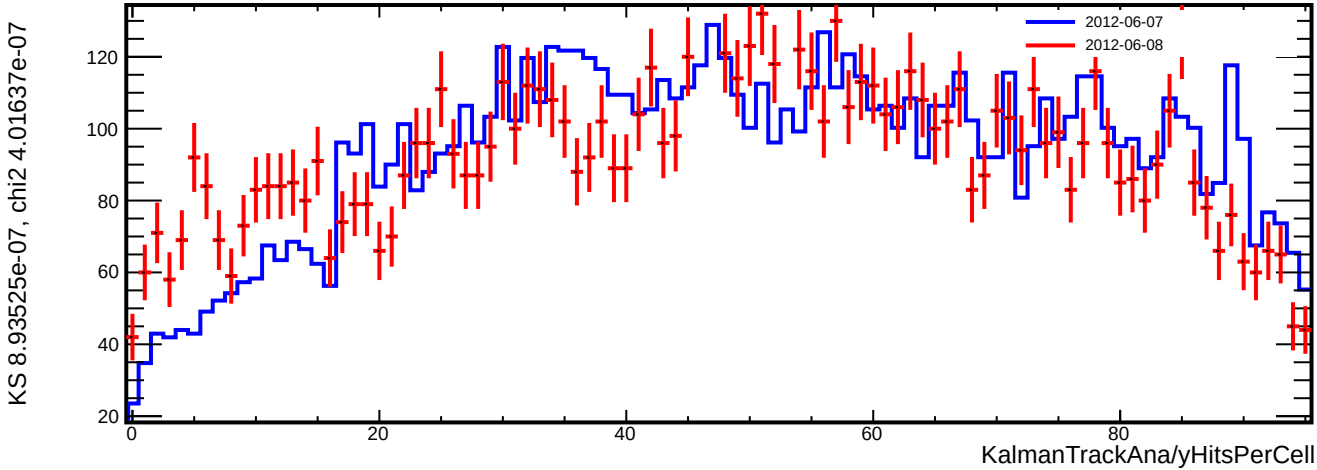

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0
-0.2
0
50
100
150
KalmanTrackAna/yHitsPerPlane

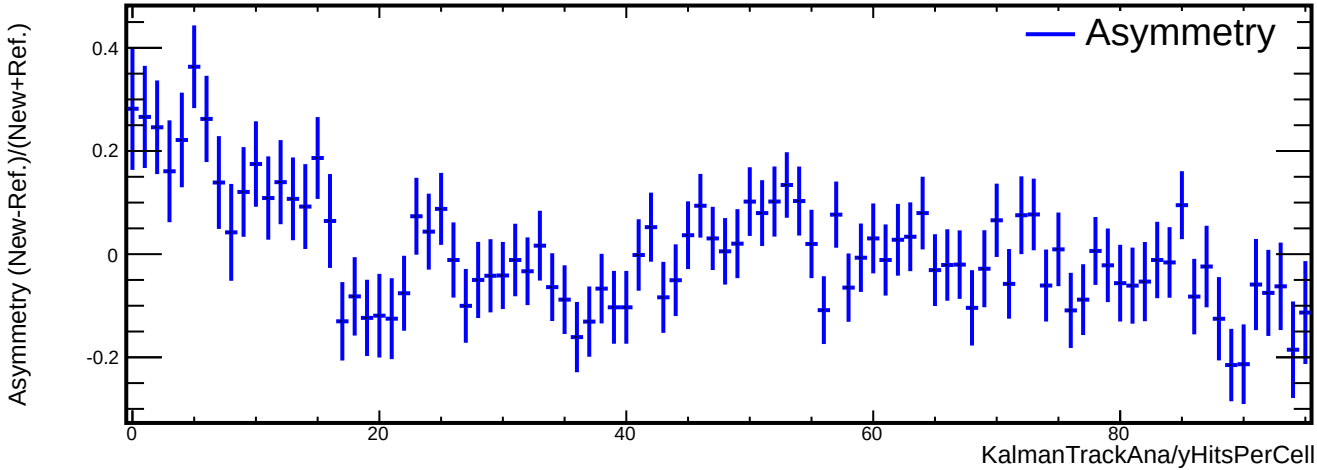

KS 2.10658e-22, chi2 4.69512e-10
2012-06-07
2012-06-08
0
50
100
150
200
0
50
100
150
KalmanTrackAna/hitsPerPlane

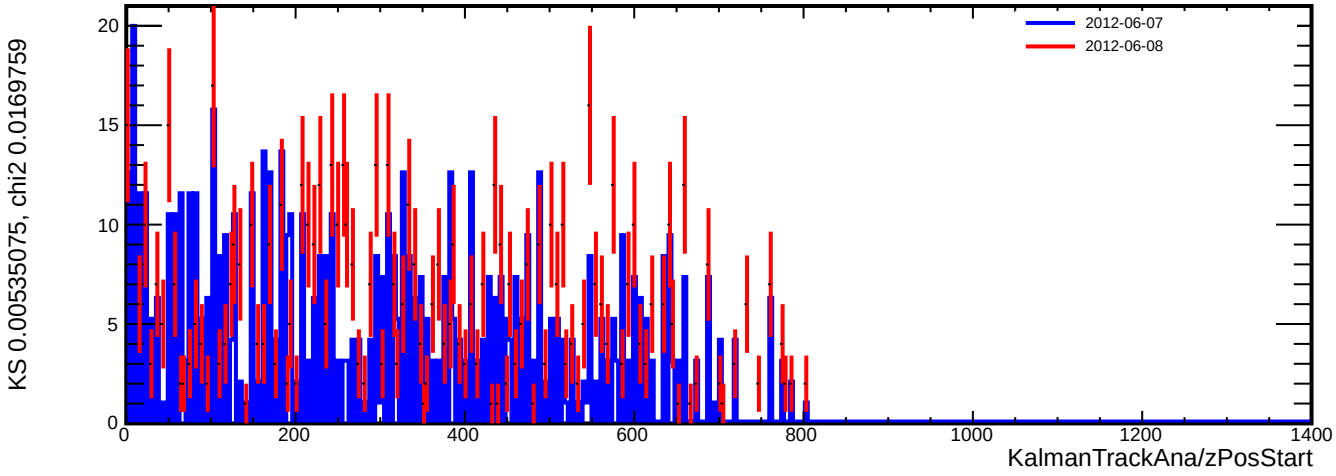

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0
-0.2
0
50
100
150
KalmanTrackAna/hitsPerPlane

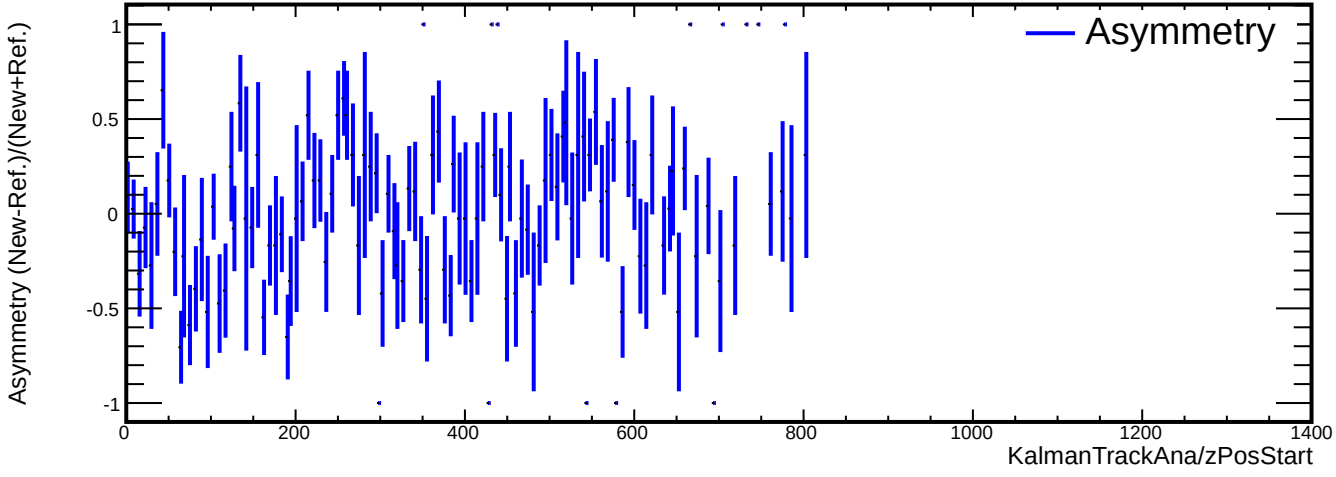

KS 0.000700083, chi2 1.45704e-10
2012-06-07
2012-06-08
160
140
120
100
80
0
20
40
60
KalmanTrackAna/xHitsPerCell

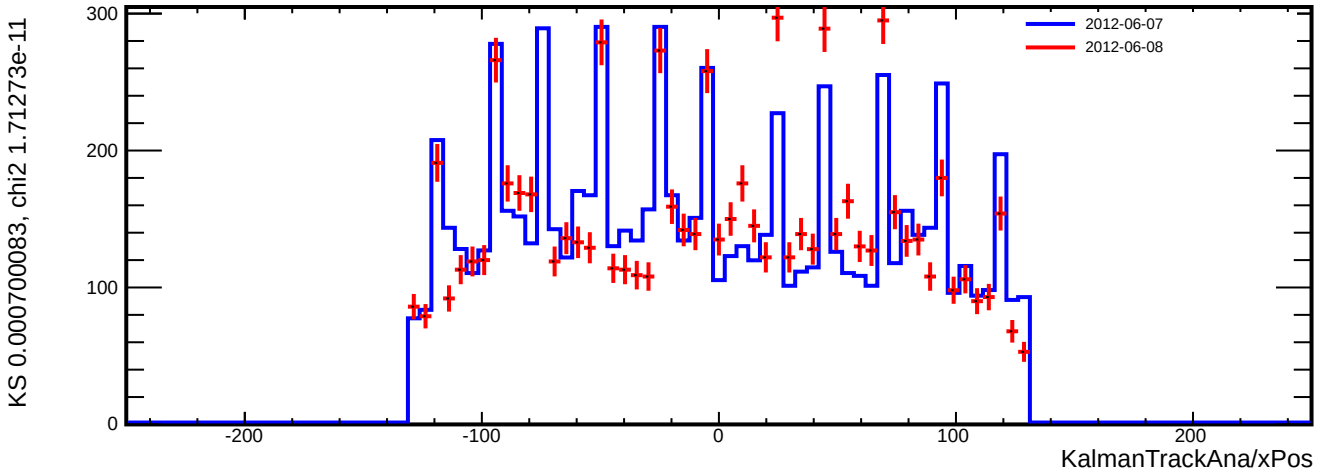

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0
-0.2
0
20
40
60
KalmanTrackAna/xHitsPerCell

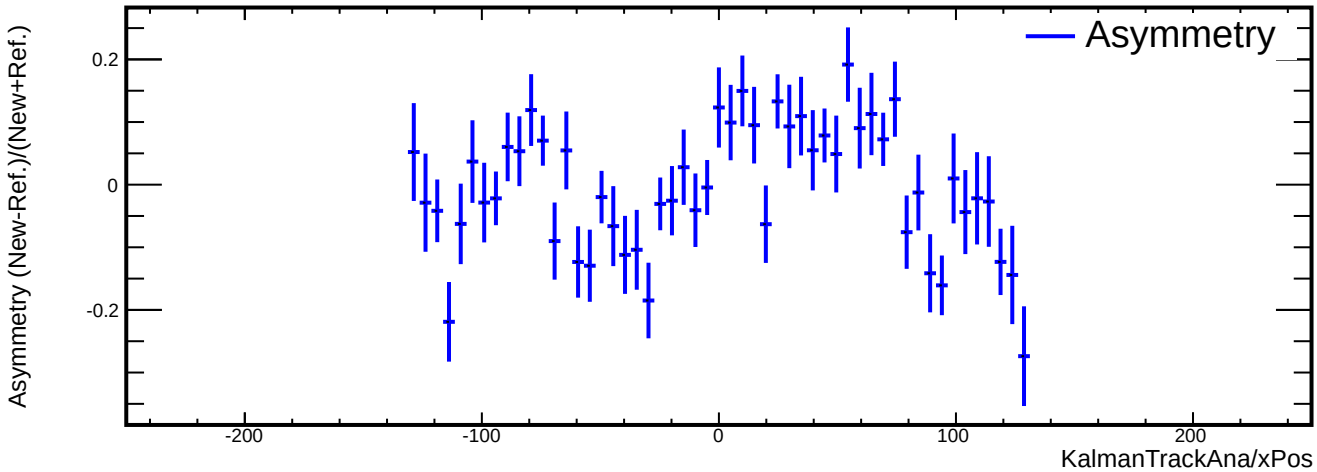

KS 8.93525e-07, chi2 4.01637e-07
2012-06-07
2012-06-08
KalmanTrackAna/yHitsPerCell

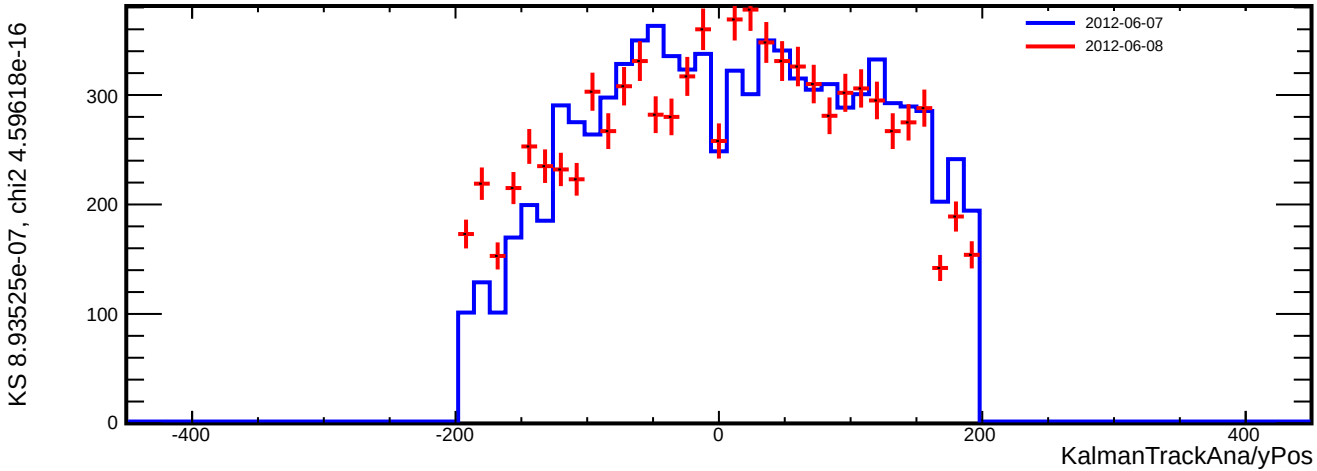

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/yHitsPerCell

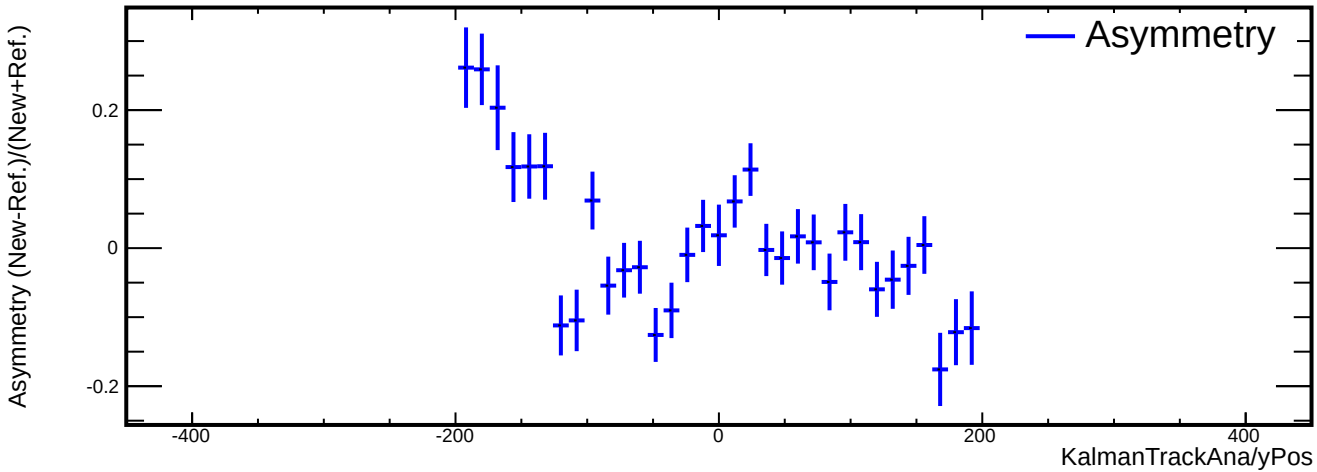

KS 0.00535075, chi2 0.0169759
2012-06-07
2012-06-08
KalmanTrackAna/zPosStart

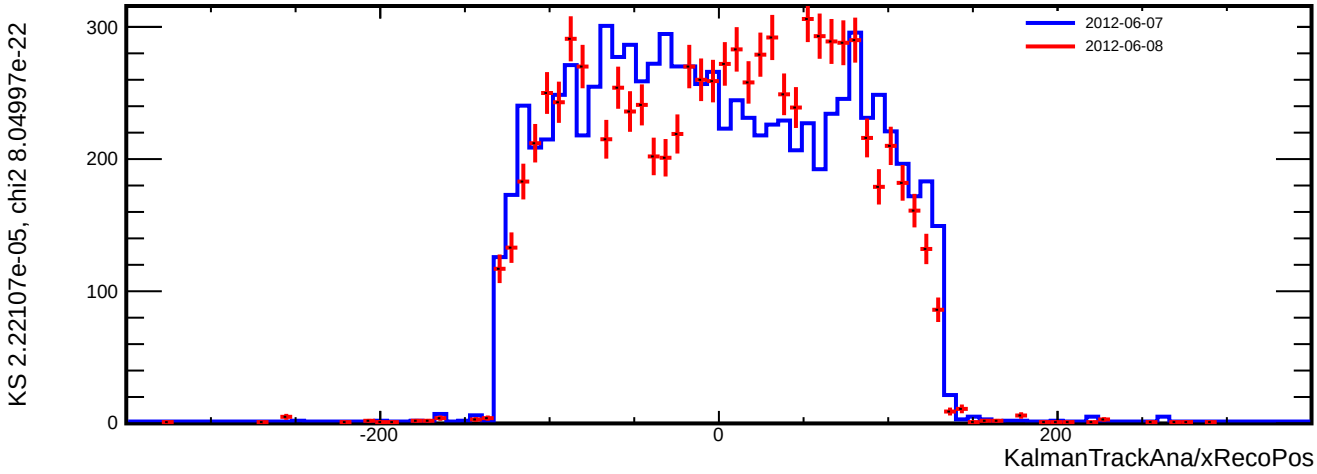

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
KalmanTrackAna/zPosStart

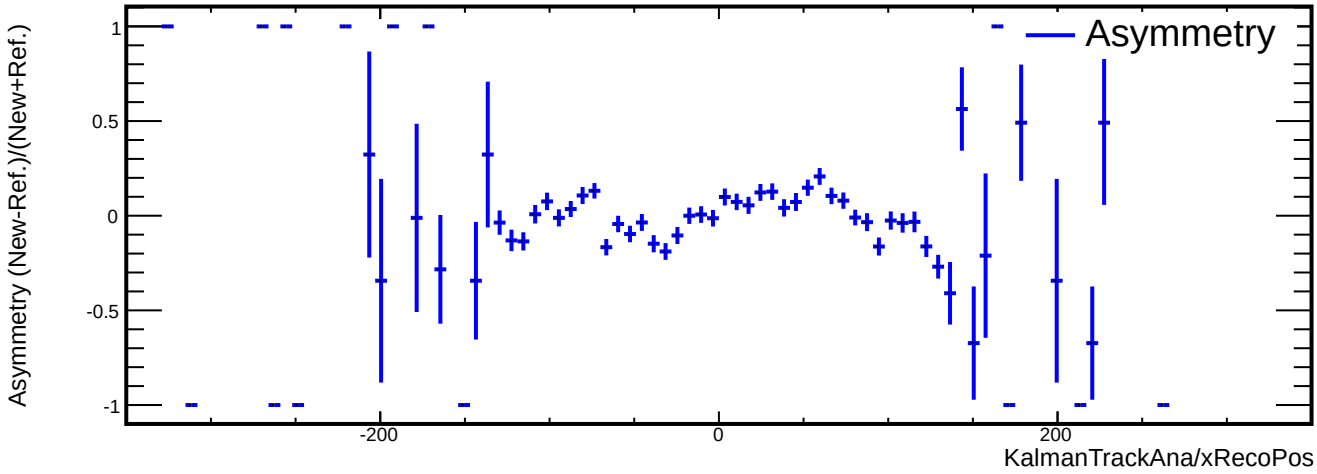

KS 0.000700083, chi2 1.71273e-11
300
200
100
0
-200
-100
0
100
200
KalmanTrackAna/xPos
2012-06-07
2012-06-08

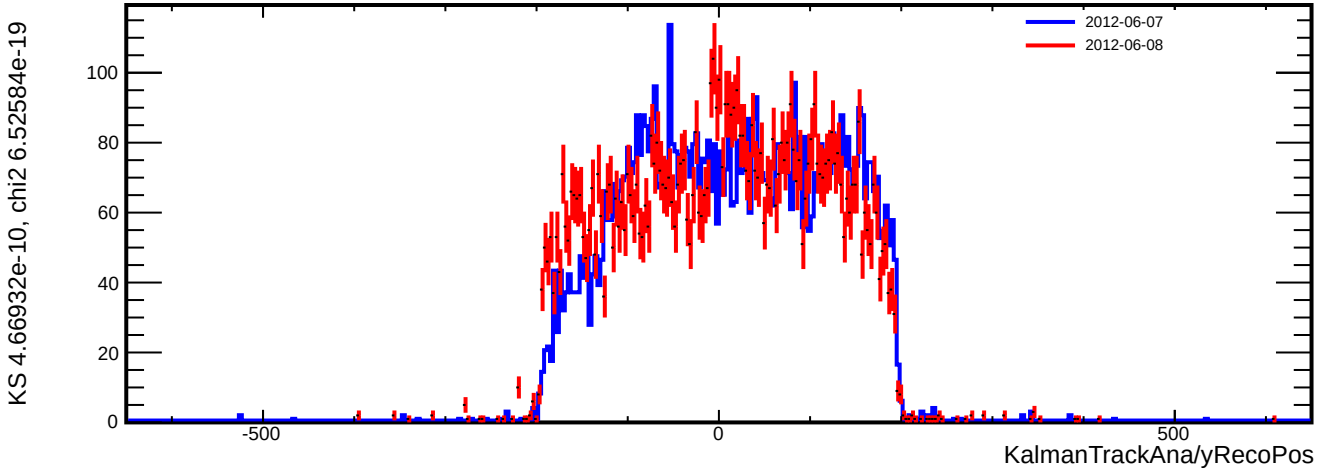

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
-200
-100
0
100
200
KalmanTrackAna/xPos
Asymmetry

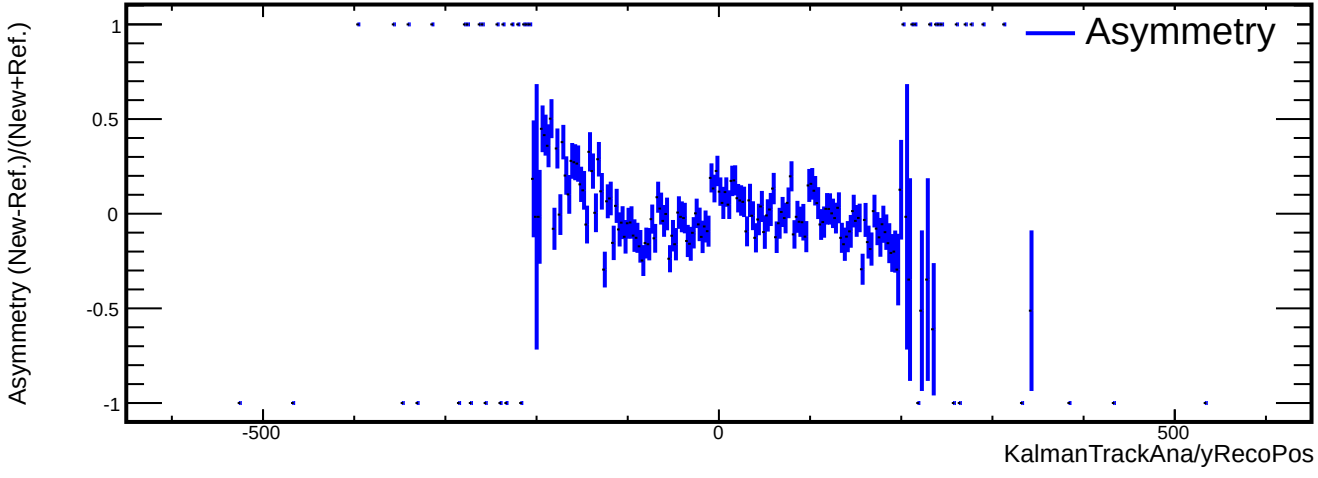

KS 8.93525e-07, chi2 4.59618e-16
2012-06-07
2012-06-08
300
200
100
0
-400
-200
0
200
400
KalmanTrackAna/yPos

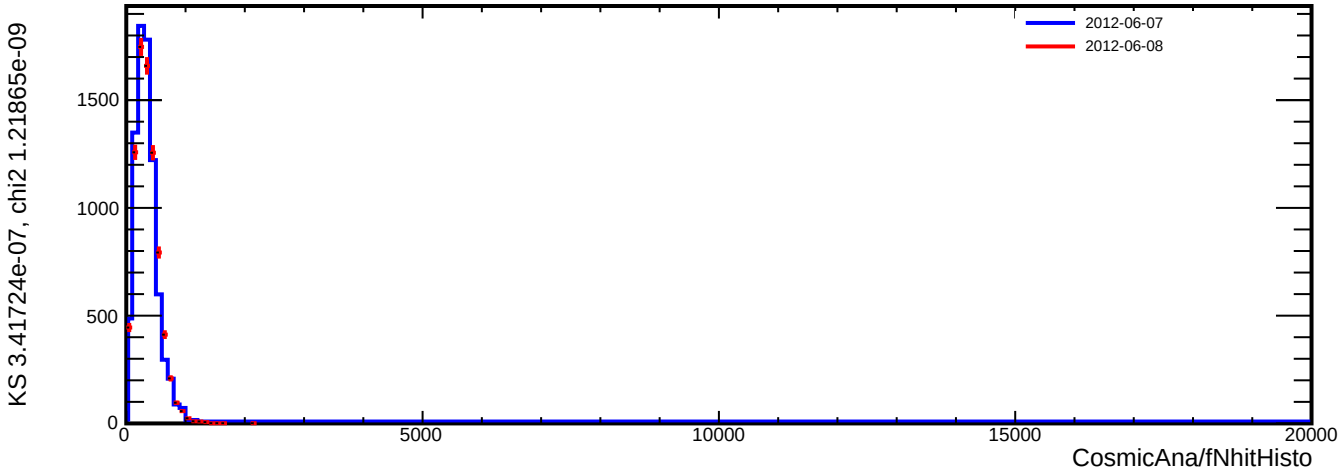

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0
-0.2
-400
-200
0
200
400
KalmanTrackAna/yPos

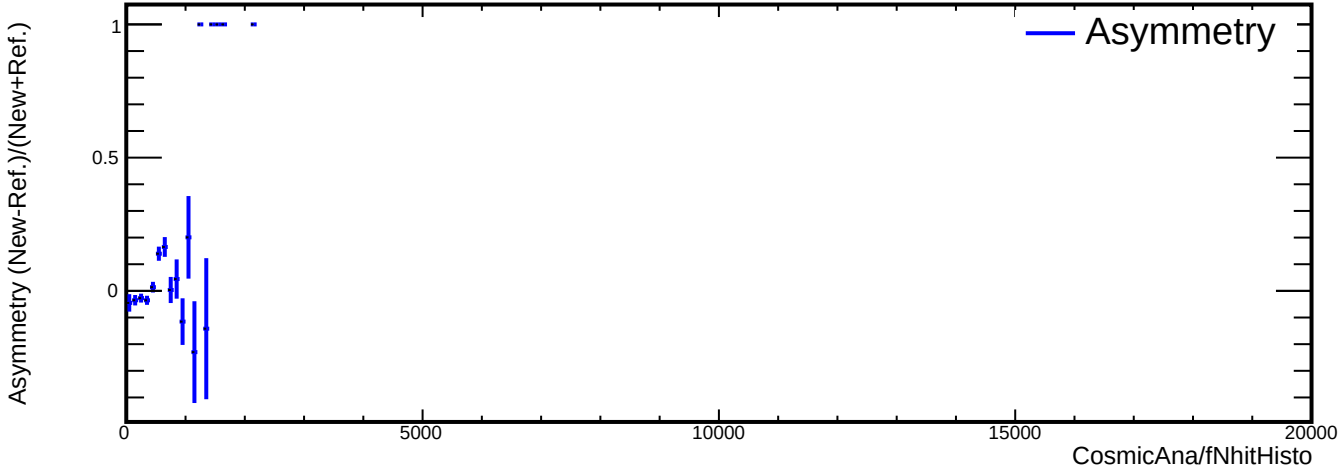

KS 2.22107e-05, chi2 8.04997e-22
300
200
100
0
-200
0
200
KalmanTrackAna/xRecoPos
2012-06-07
2012-06-08

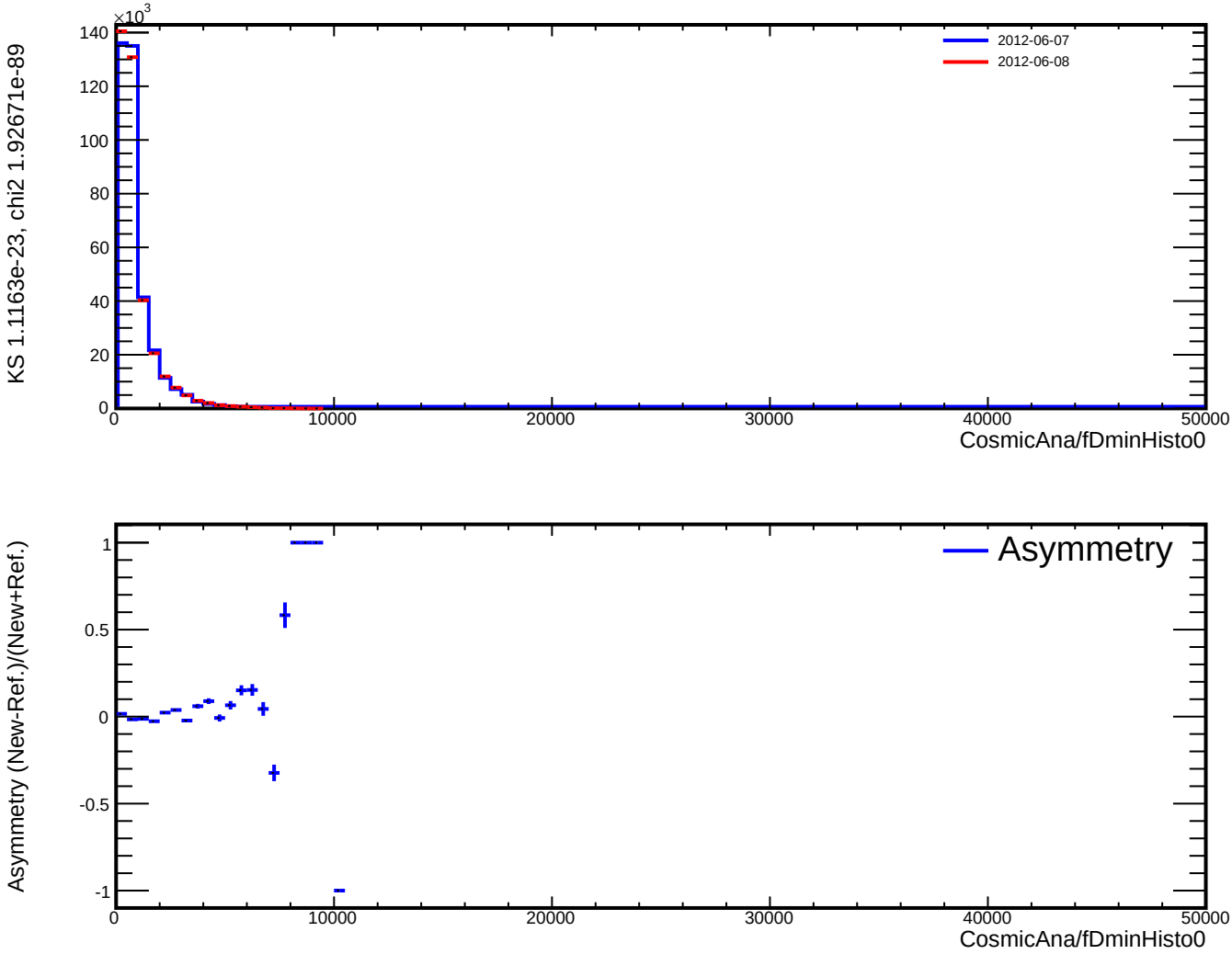

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
0
200
KalmanTrackAna/xRecoPos
Asymmetry

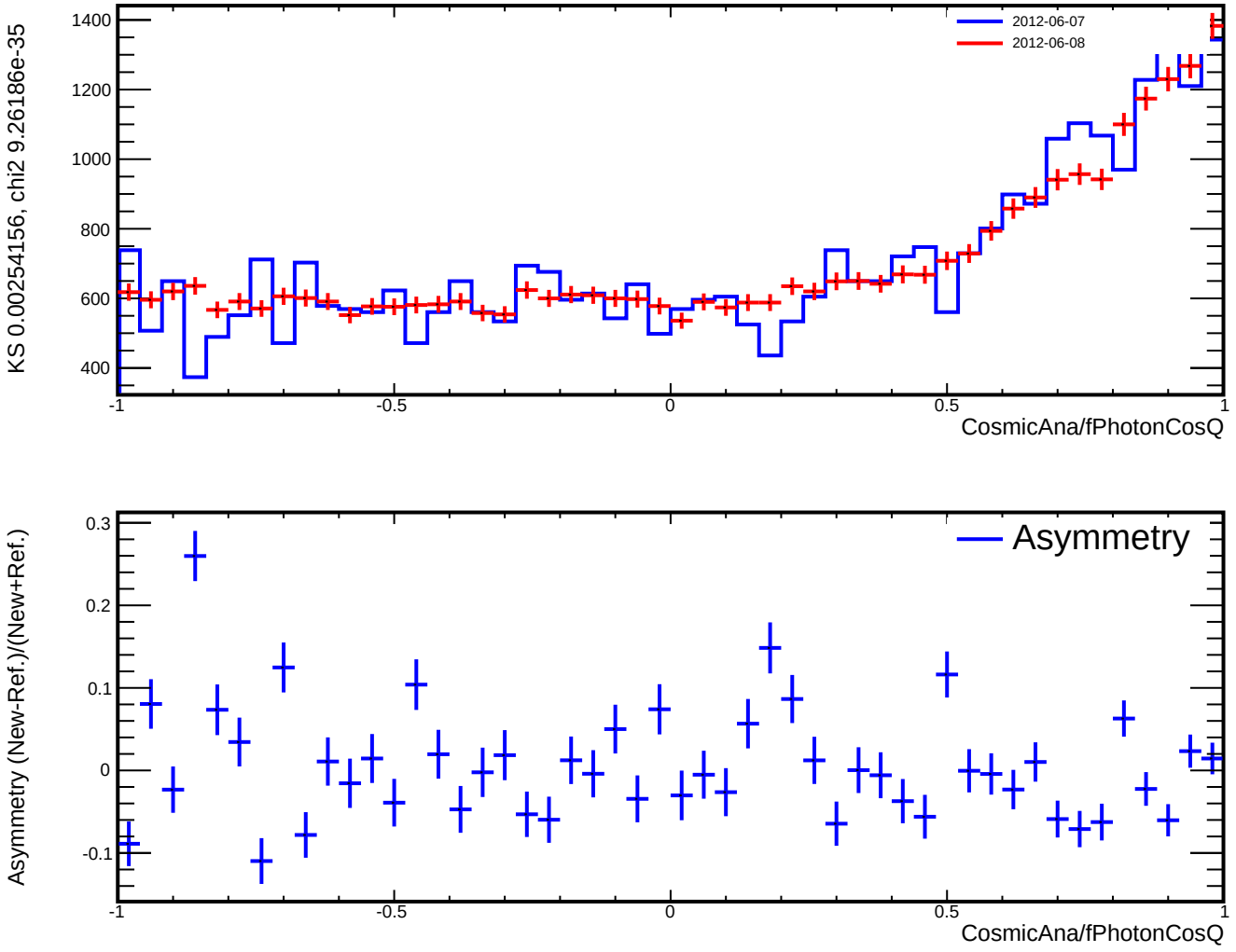

KS 4.66932e-10, chi2 6.52584e-19
2012-06-07
2012-06-08
100
80
60
40
20
0
-500
0
500
KalmanTrackAna/yRecoPos

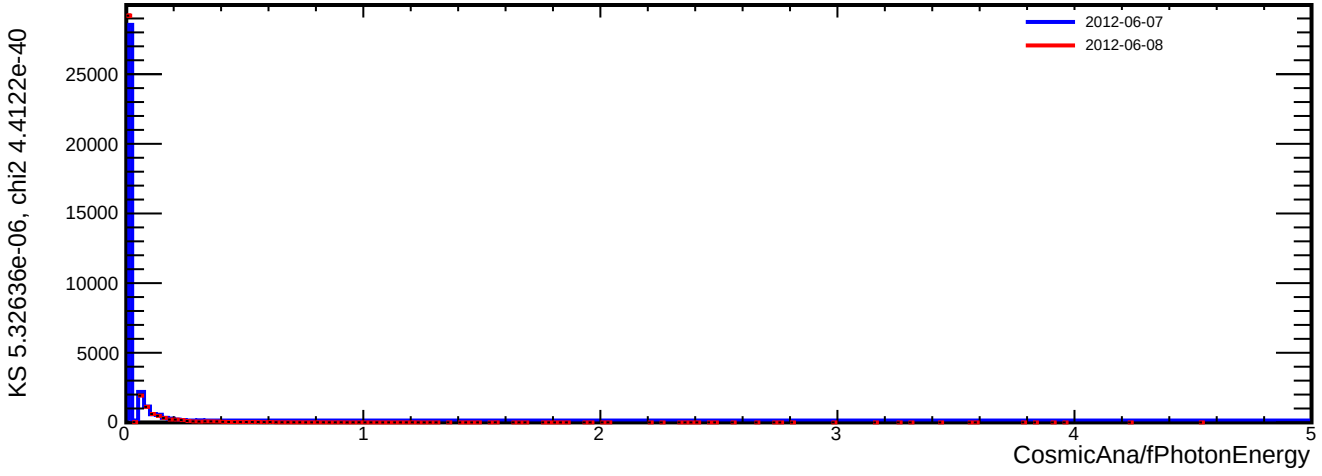

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-500
0
500
KalmanTrackAna/yRecoPos

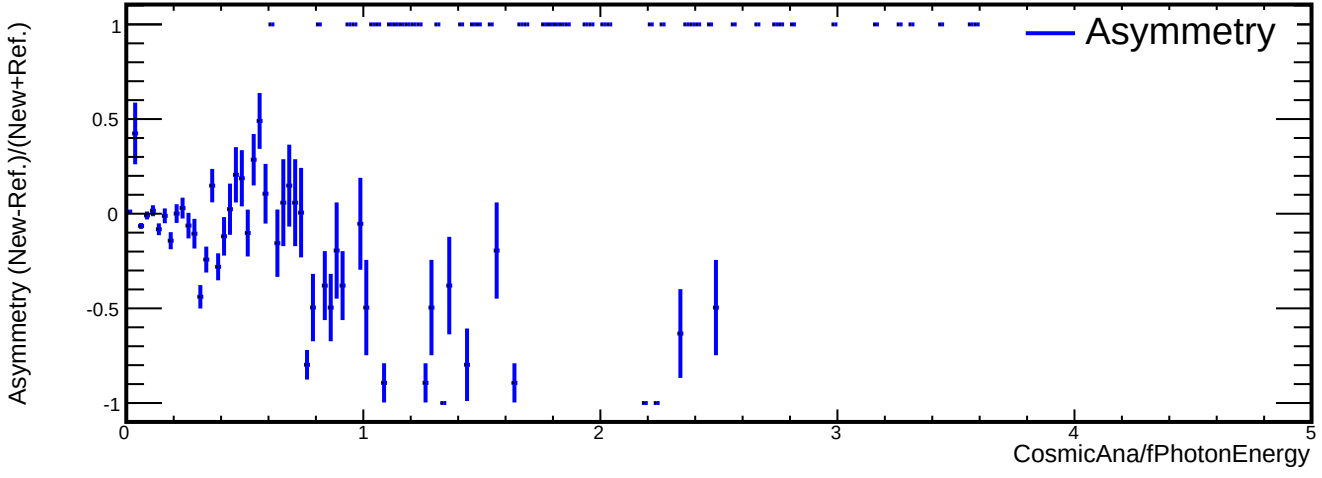

KS 3.41724e-07, chi2 1.21865e-09
2012-06-07
2012-06-08
1500
1000
500
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

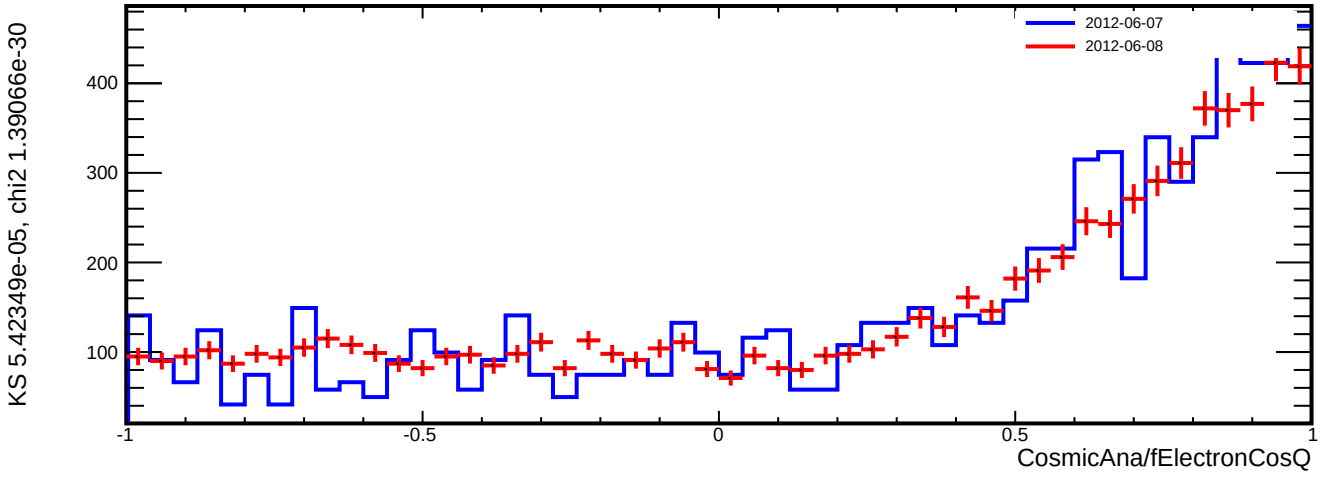

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

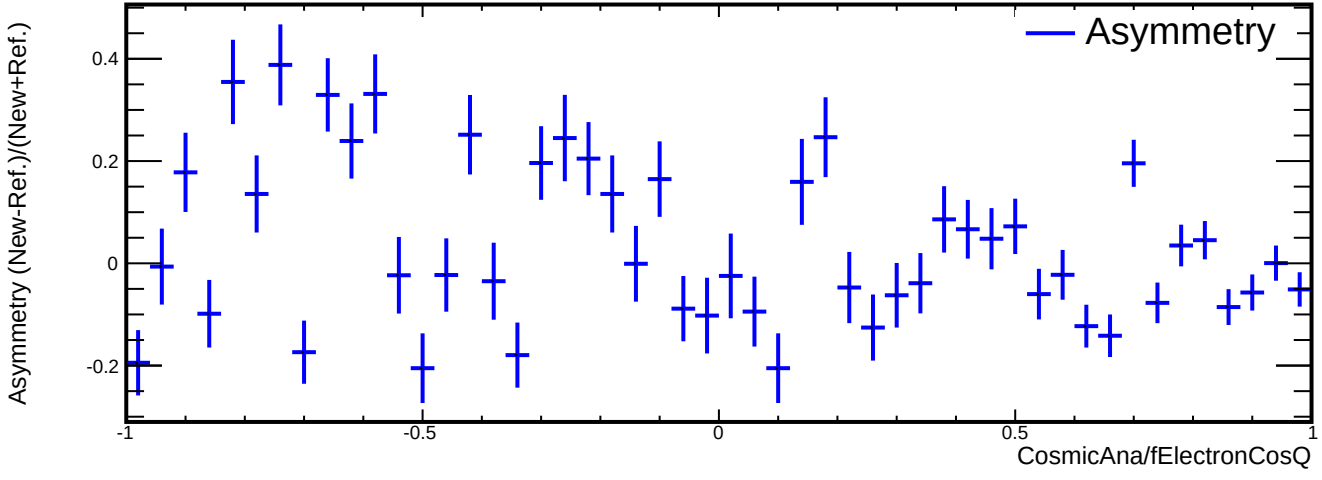

KS 1.1163e-23, chi2 1.92671e-89
×10^3
140
120
100
80
60
40
20
0
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto0
2012-06-07
2012-06-08
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
Asymmetry
CosmicAna/fDminHisto0

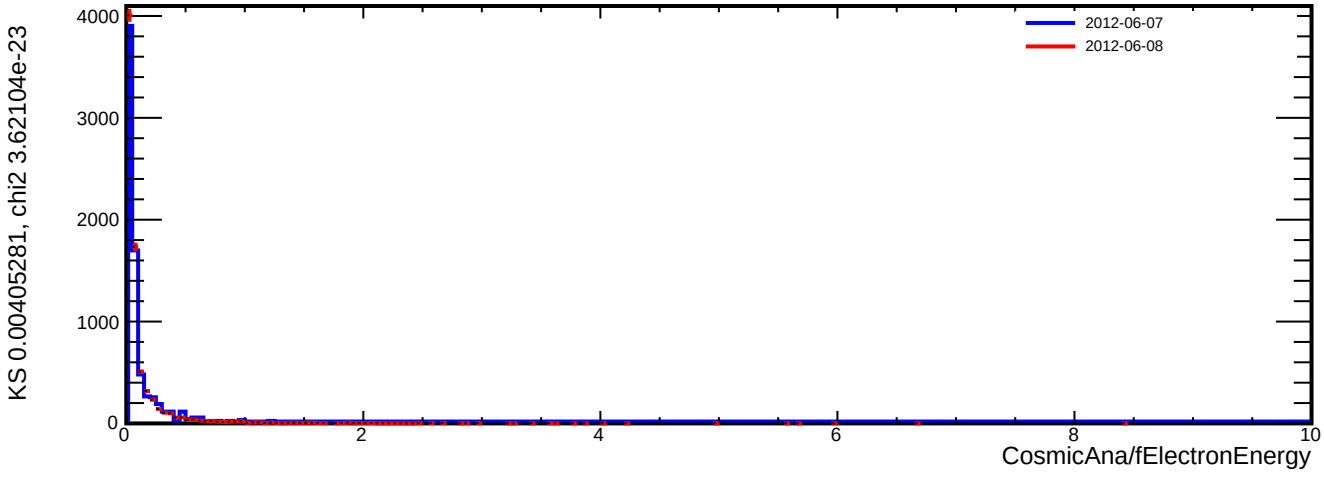

KS 0.00254156, chi2 9.26186e-35
1400
1200
1000
800
600
400
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ
2012-06-07
2012-06-08
Asymmetry (New-Ref.)/(New+Ref.)
0.3
0.2
0.1
0
-0.1
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ
Asymmetry

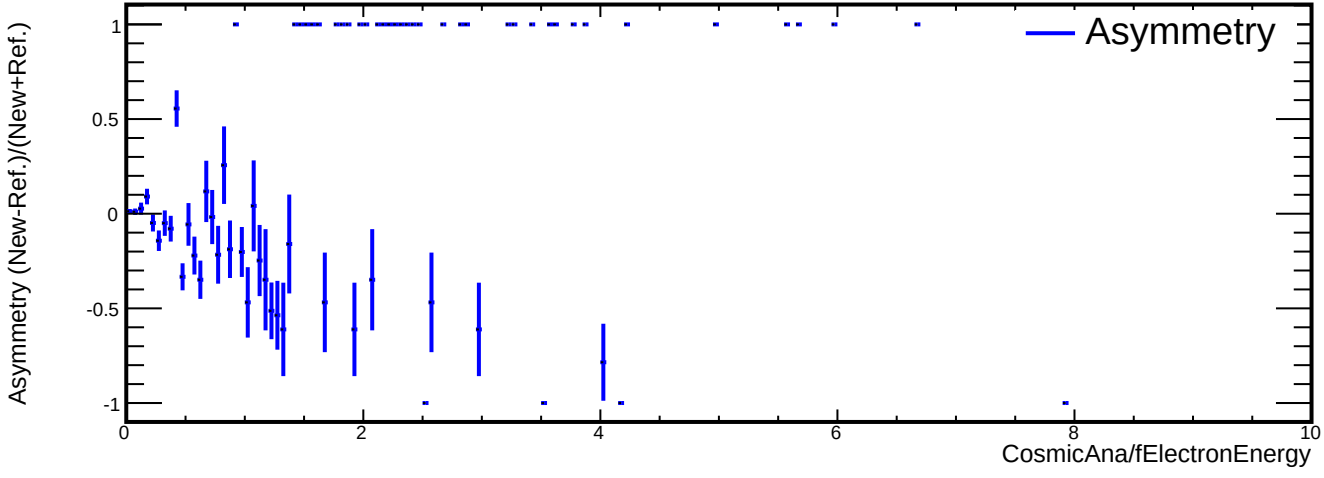

KS 5.32636e-06, chi2 4.4122e-40
2012-06-07
2012-06-08
25000
20000
15000
10000
5000
0
0
1
2
3
4
5
CosmicAna/fPhotonEnergy

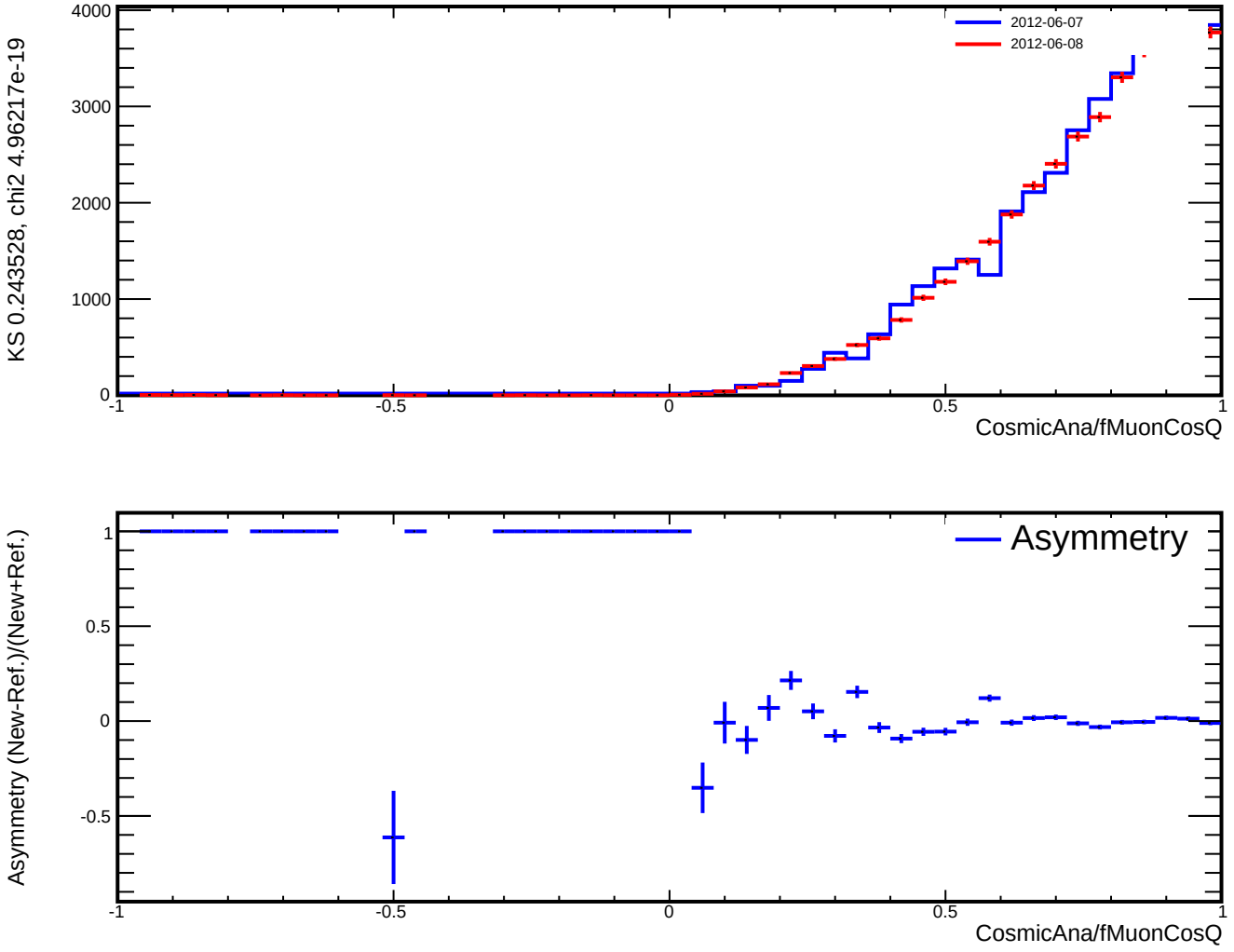

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
1
2
3
4
5
CosmicAna/fPhotonEnergy

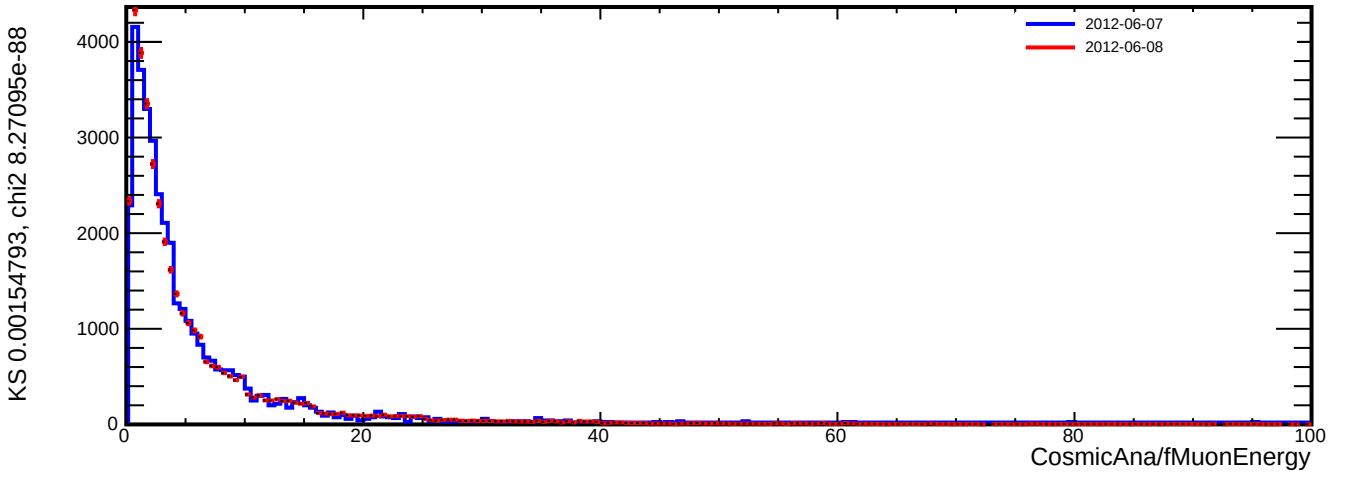

KS 5.42349e-05, chi2 1.39066e-30
2012-06-07
2012-06-08
400
300
200
100
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

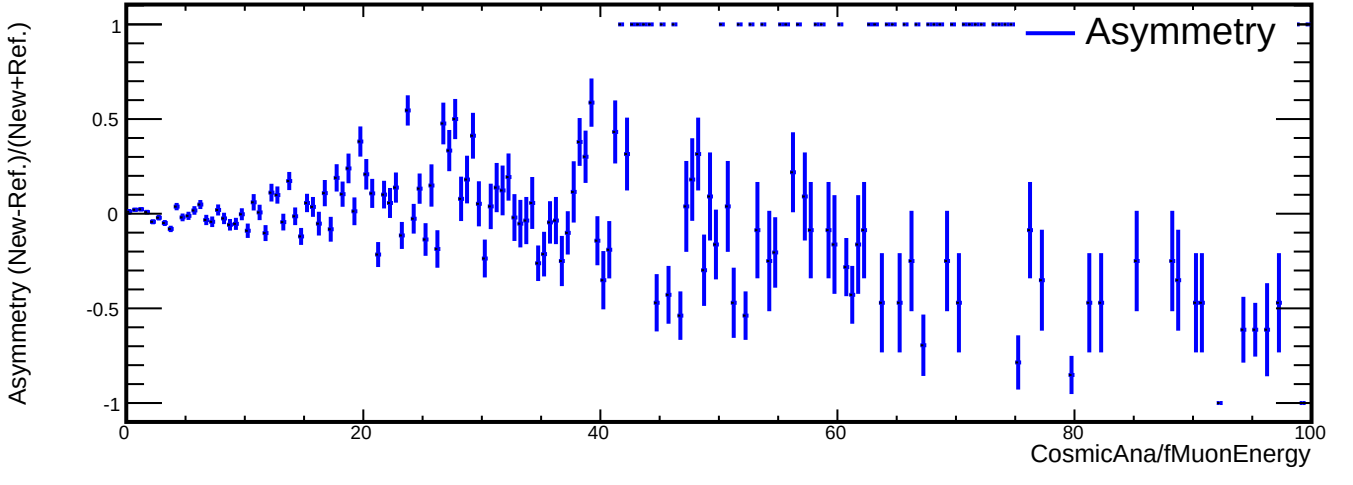

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.4
0.2
0
-0.2
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ

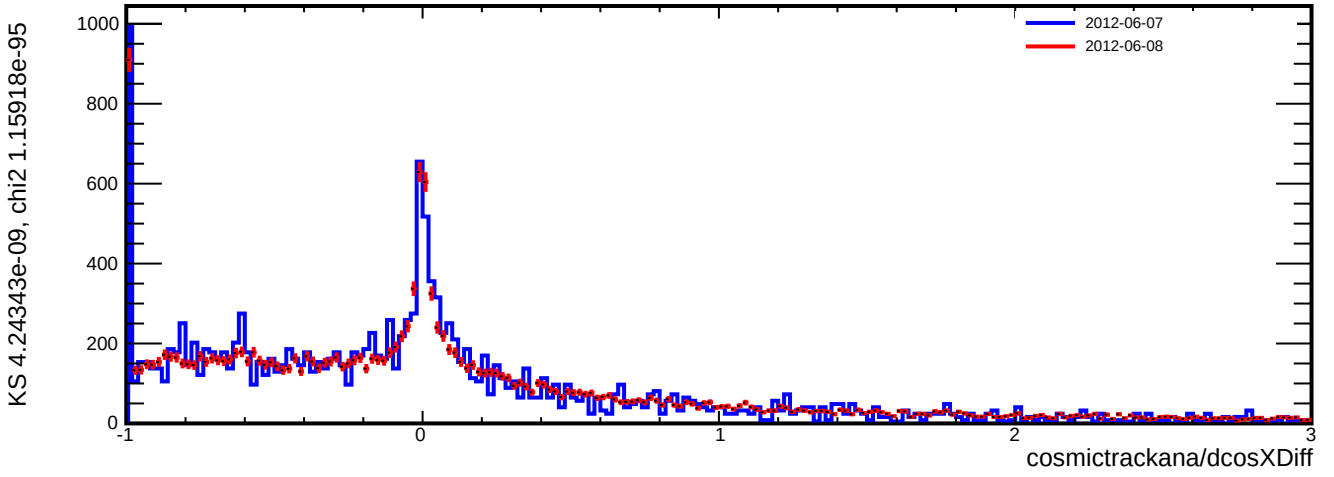

KS 0.00405281, chi2 3.62104e-23
4000
3000
2000
1000
0
0
2
4
6
8
10
CosmicAna/fElectronEnergy
2012-06-07
2012-06-08

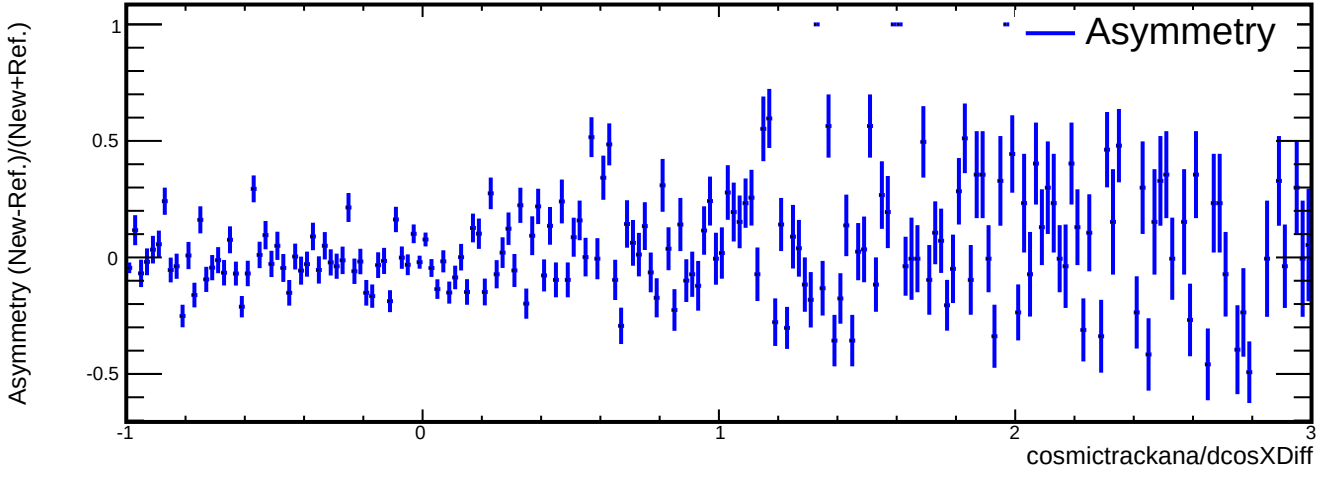

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
2
4
6
8
10
CosmicAna/fElectronEnergy
Asymmetry

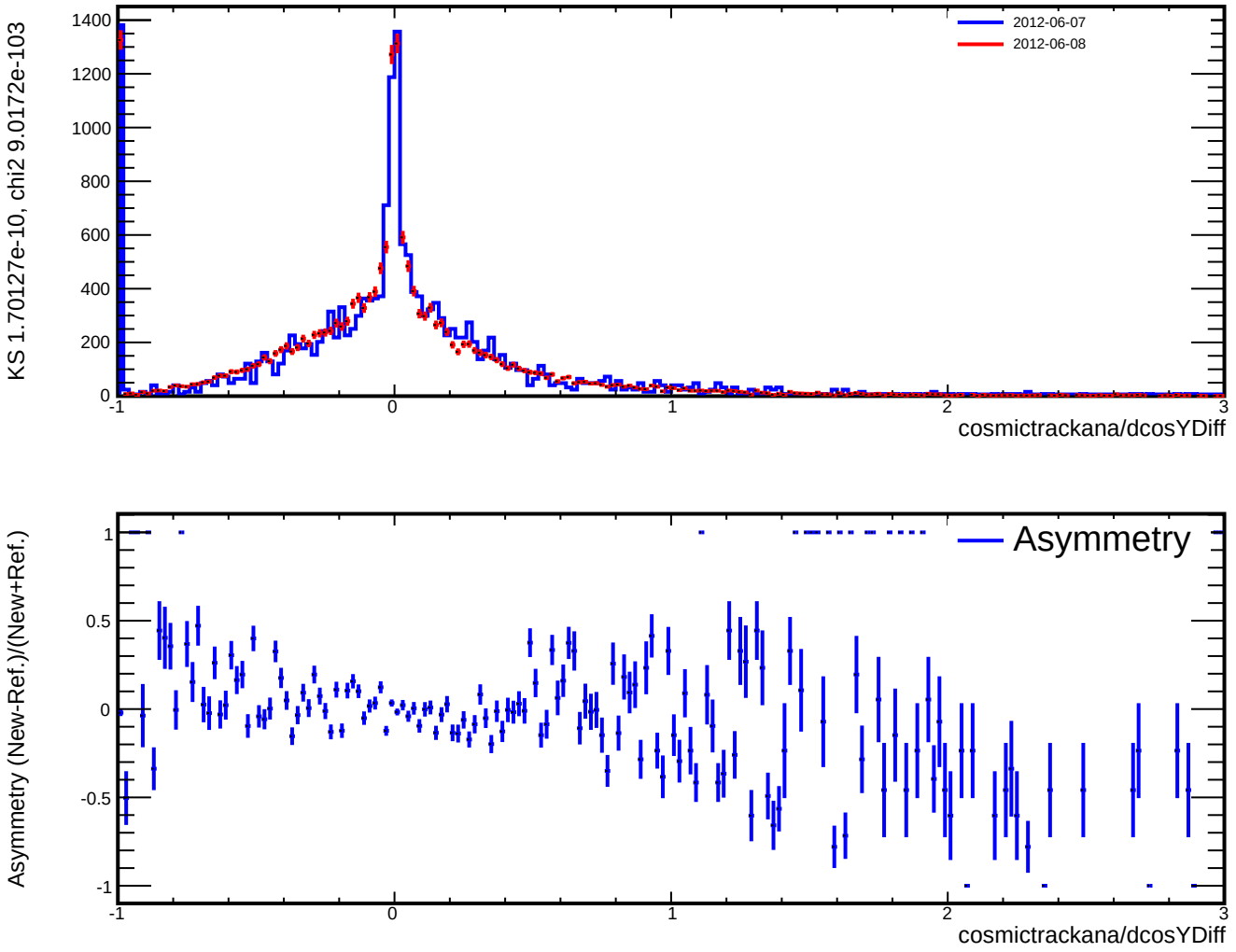

KS 0.243528, chi2 4.96217e-19
2012-06-07
2012-06-08
CosmicAna/fMuonCosQ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
CosmicAna/fMuonCosQ

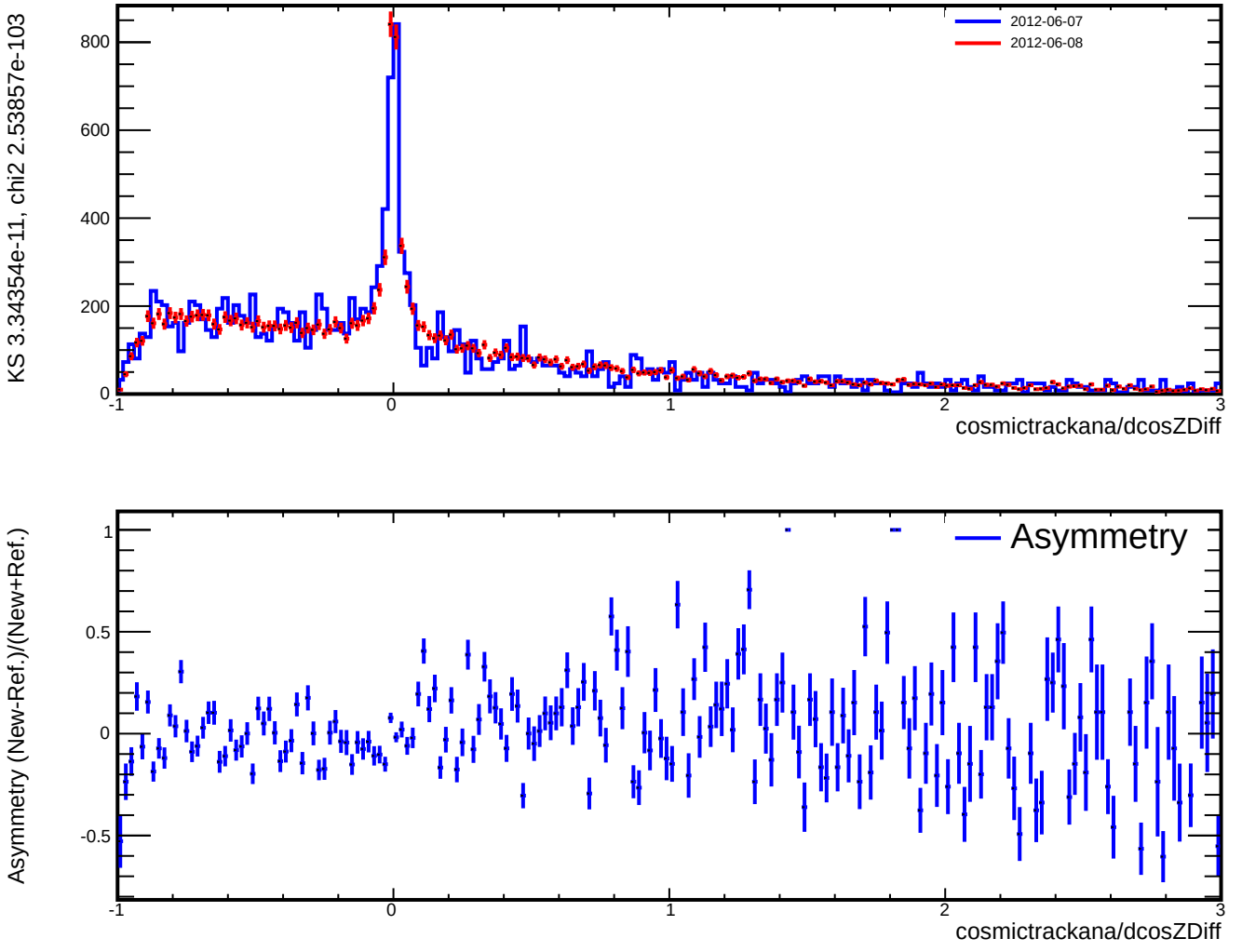

KS 0.00154793, chi2 8.27095e-88
2012-06-07
2012-06-08
4000
3000
2000
1000
0
0
20
40
60
80
100
CosmicAna/fMuonEnergy

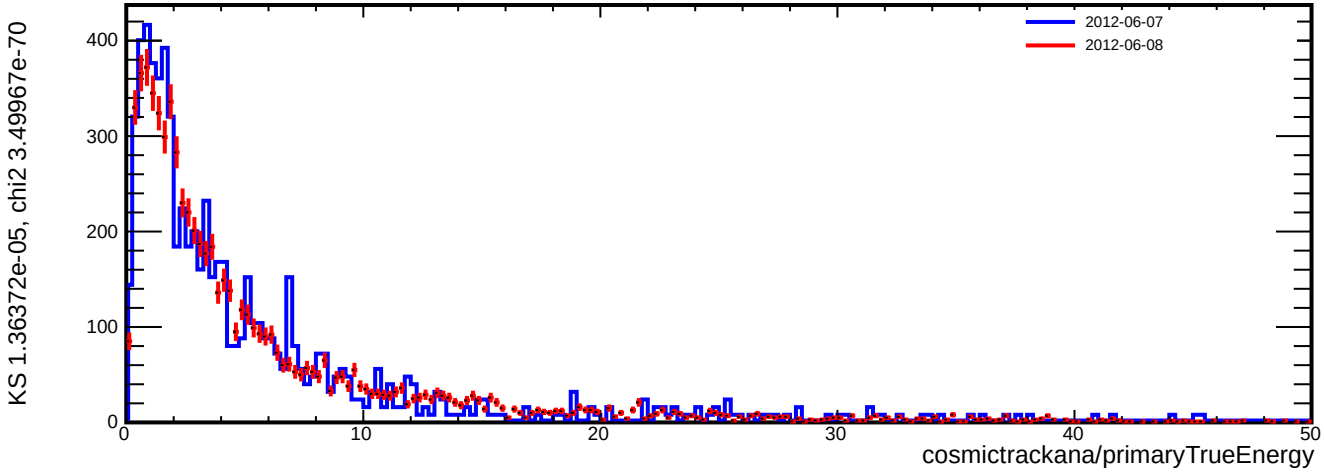

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
20
40
60
80
100
CosmicAna/fMuonEnergy

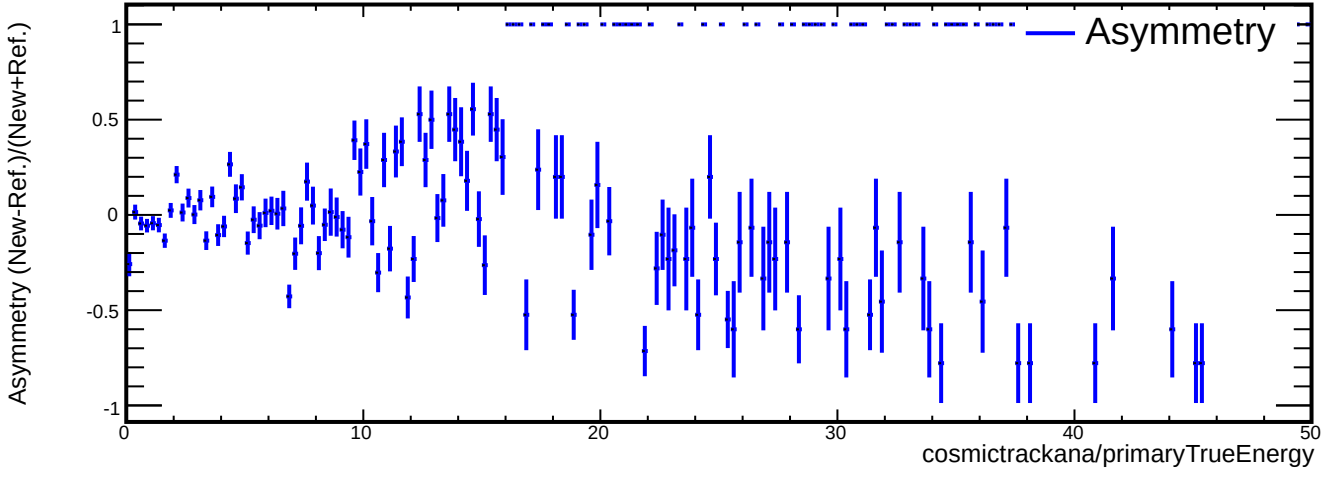

KS 4.24343e-09, chi2 1.15918e-95
2012-06-07
2012-06-08
cosmictrackana/dcosXDiff

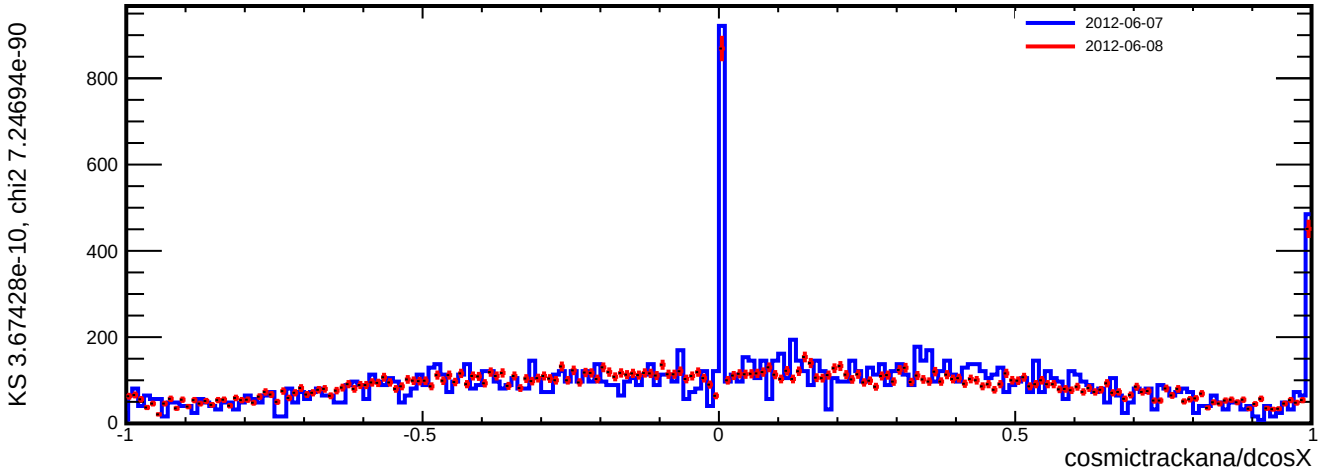

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosXDiff

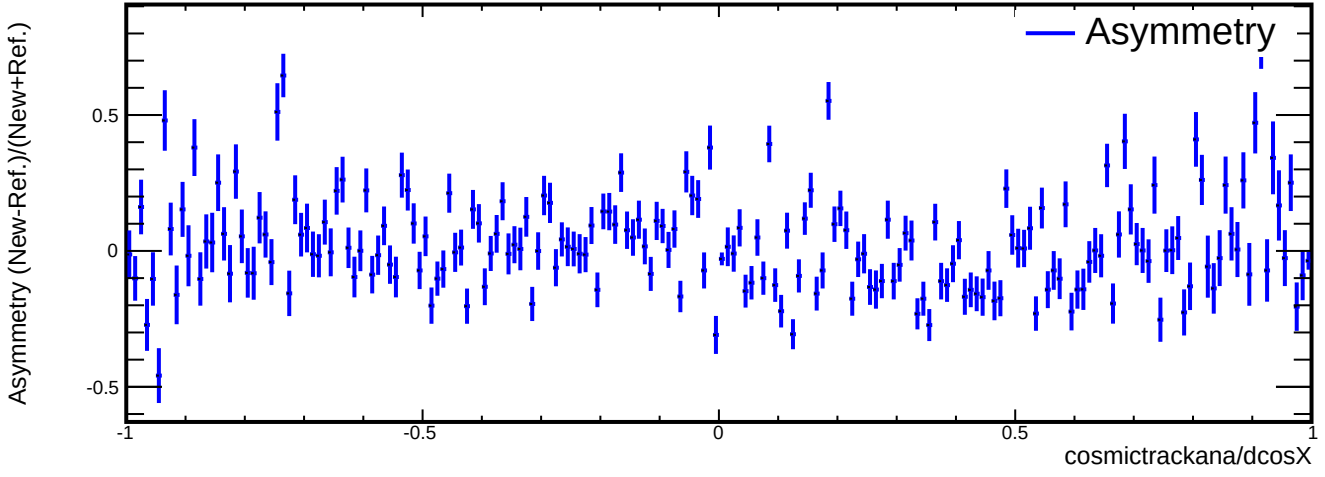

KS 1.70127e-10, chi2 9.0172e-103
2012-06-07
2012-06-08
cosmictrackana/dcosYDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosYDiff

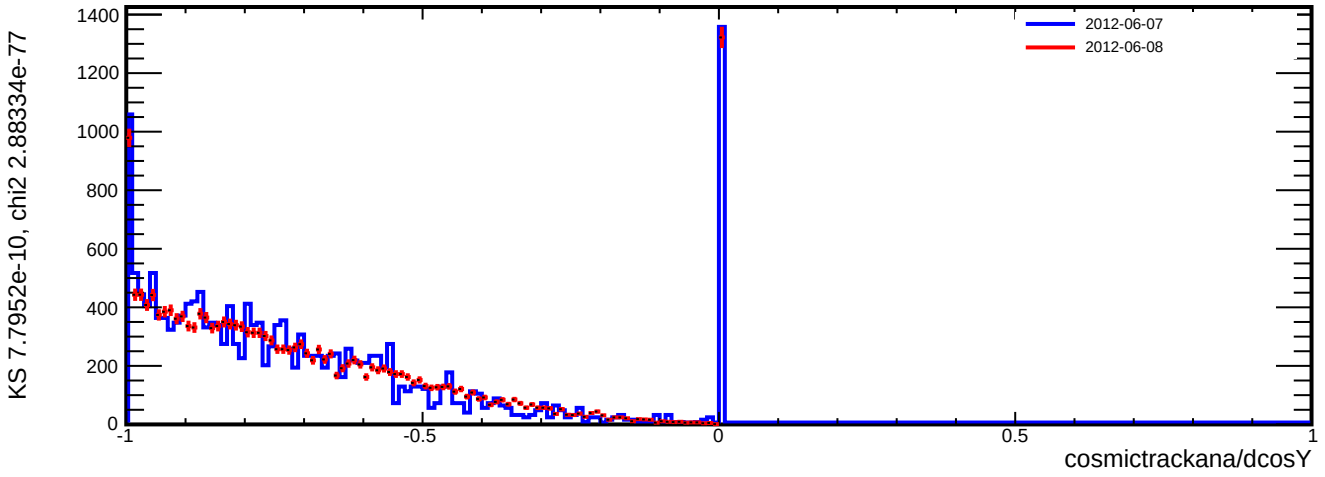

KS 3.34354e-11, chi2 2.53857e-103
2012-06-07
2012-06-08
cosmictrackana/dcosZDiff
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosZDiff

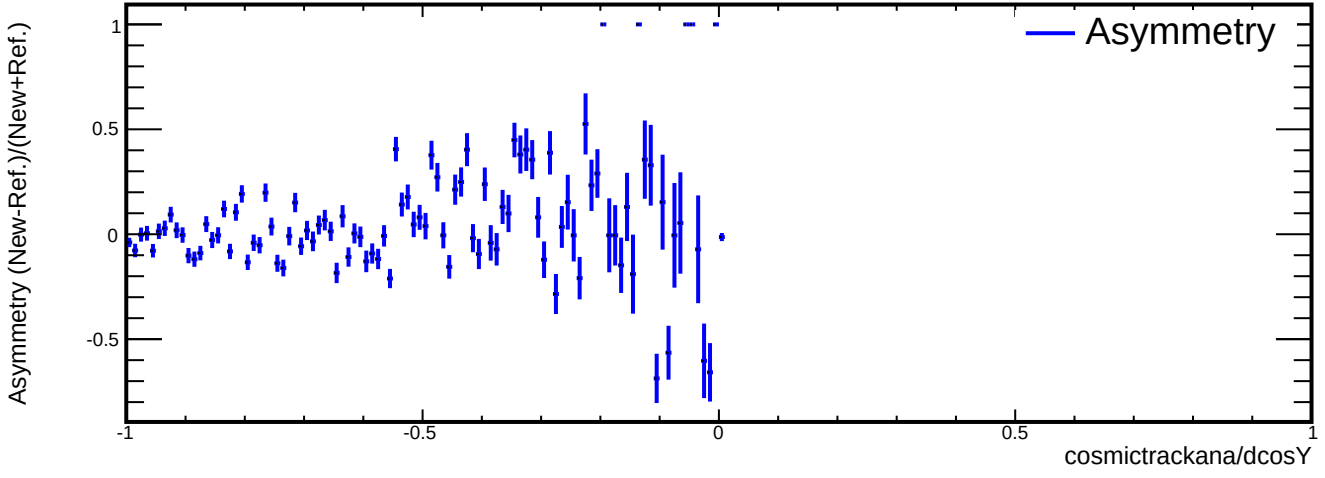

KS 1.36372e-05, chi2 3.49967e-70
2012-06-07
2012-06-08
cosmictrackana/primaryTrueEnergy

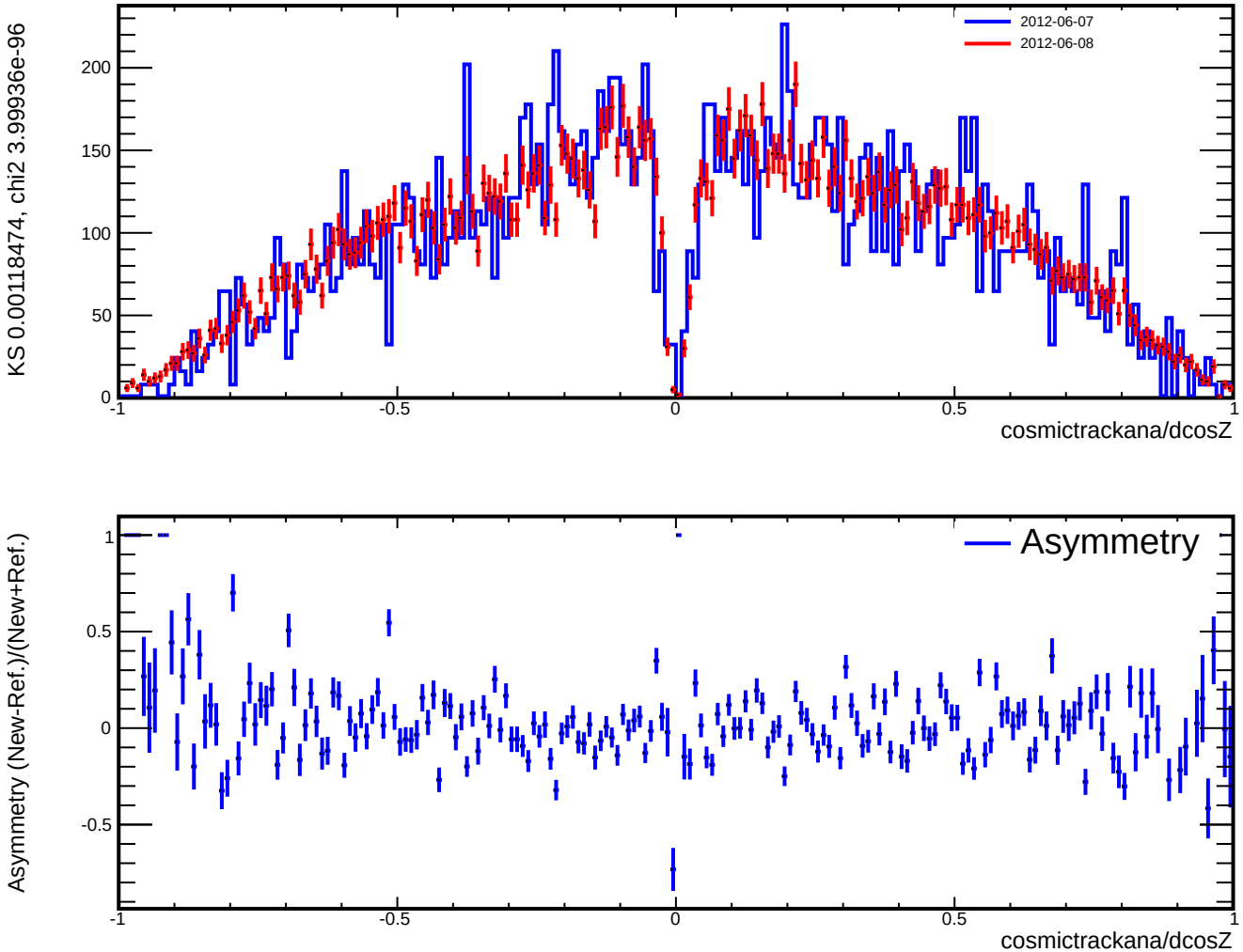

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/primaryTrueEnergy

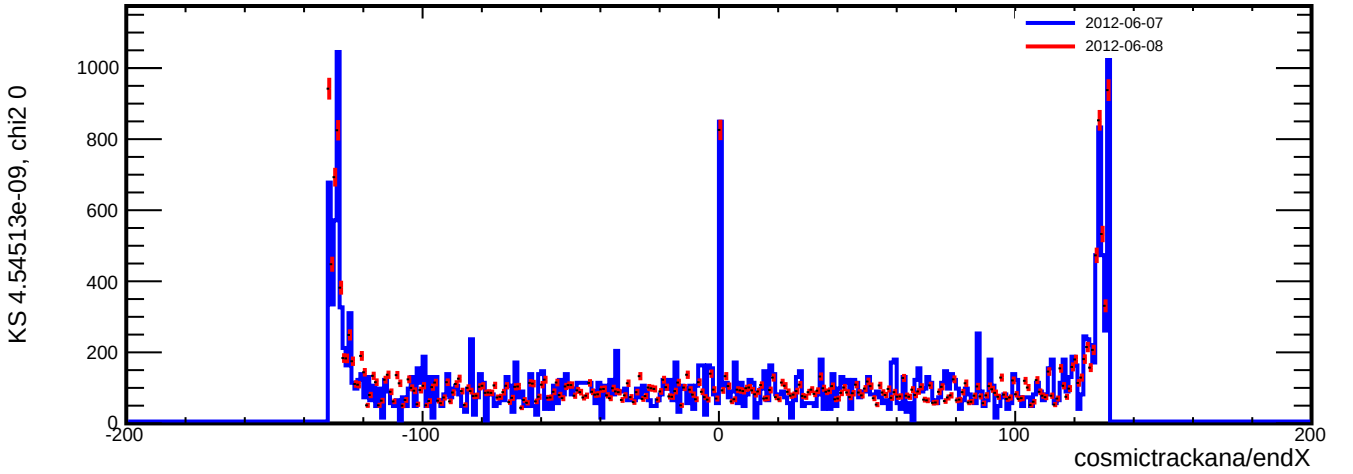

KS 3.67428e-10, chi2 7.24694e-90
2012-06-07
2012-06-08
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

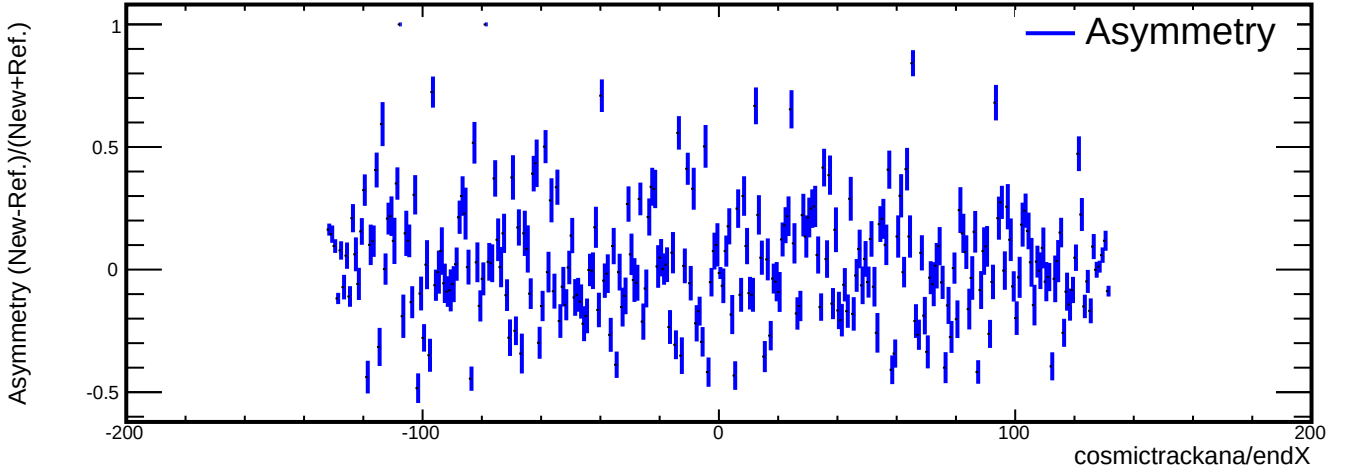

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

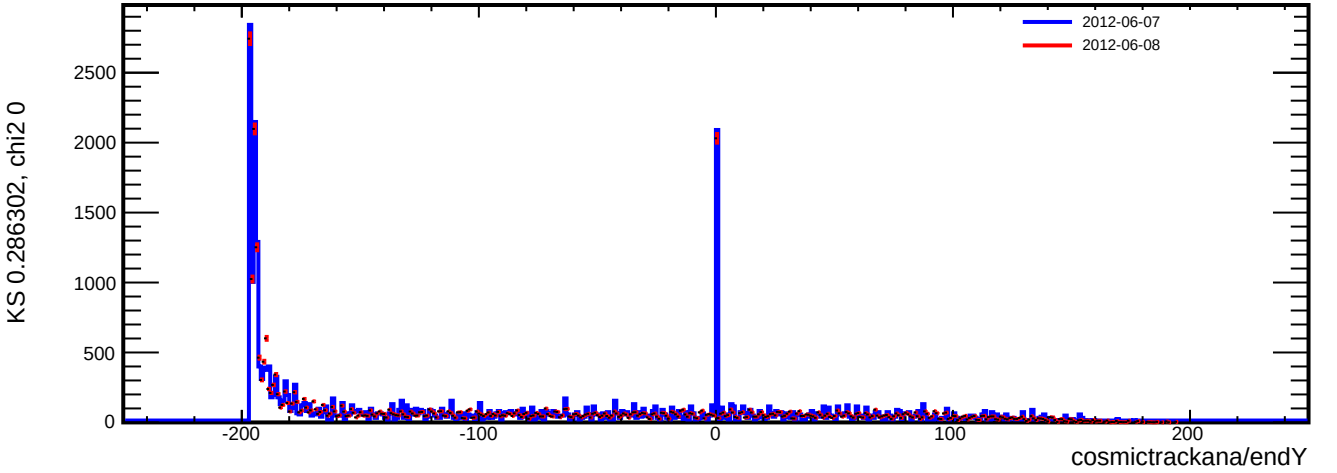

KS 7.7952e-10, chi2 2.88334e-77
1400
1200
1000
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosY
2012-06-07
2012-06-08

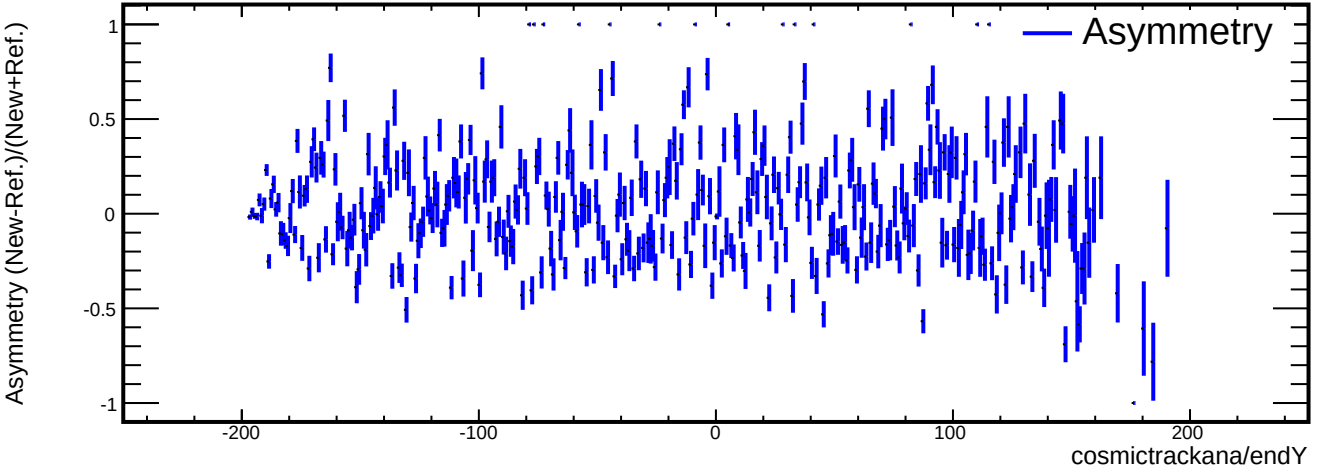

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dcosY
Asymmetry

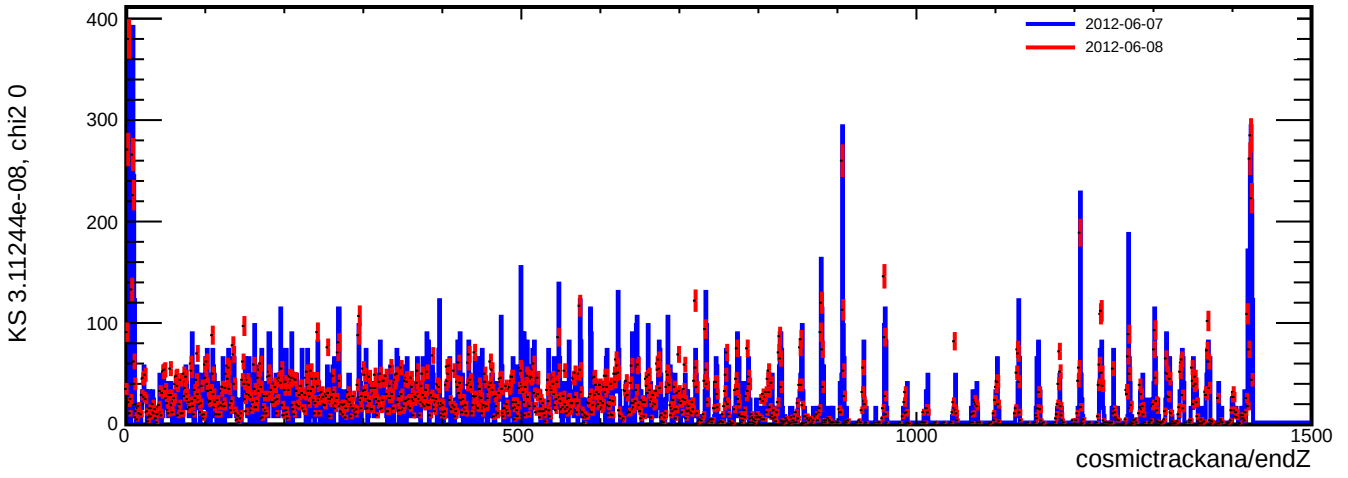

KS 0.00118474, chi2 3.99936e-96
2012-06-07
2012-06-08
cosmictrackana/dcosZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dcosZ

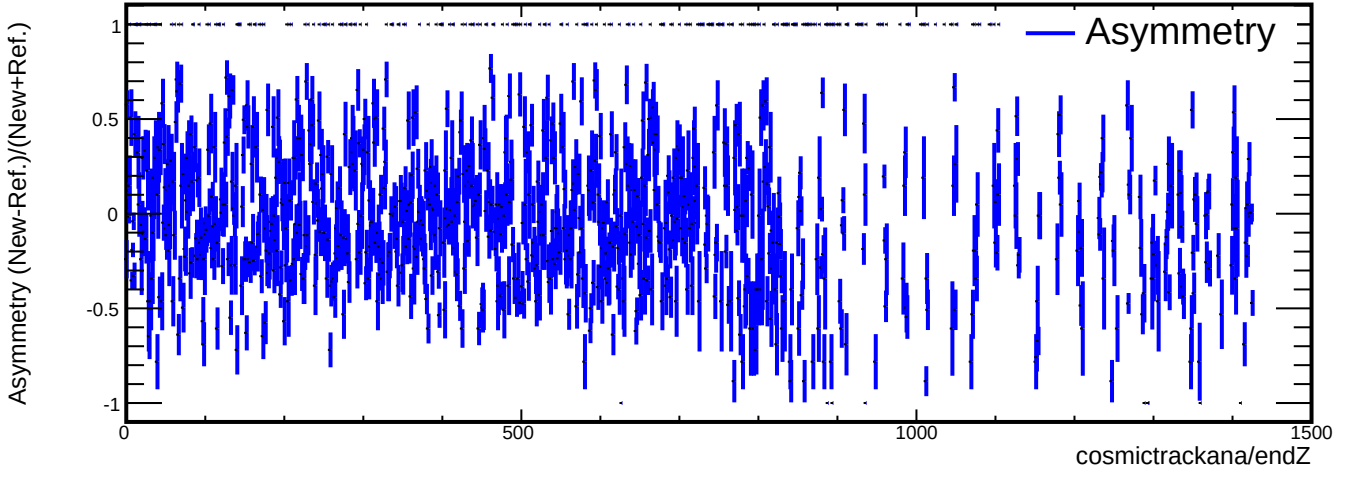

2012-06-07
2012-06-08
KS 4.54513e-09, chi2 0
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX

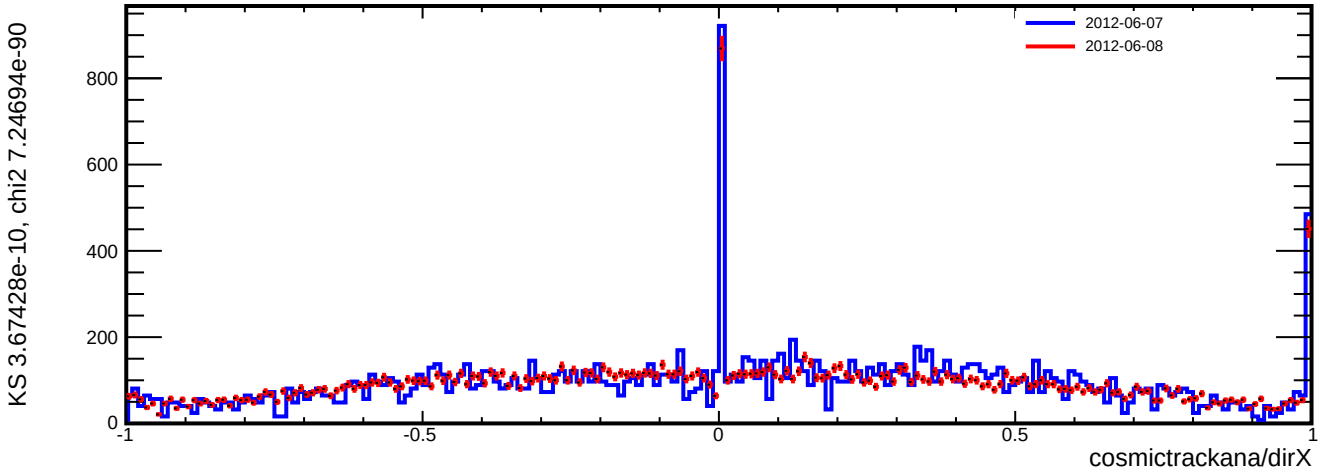

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/endX

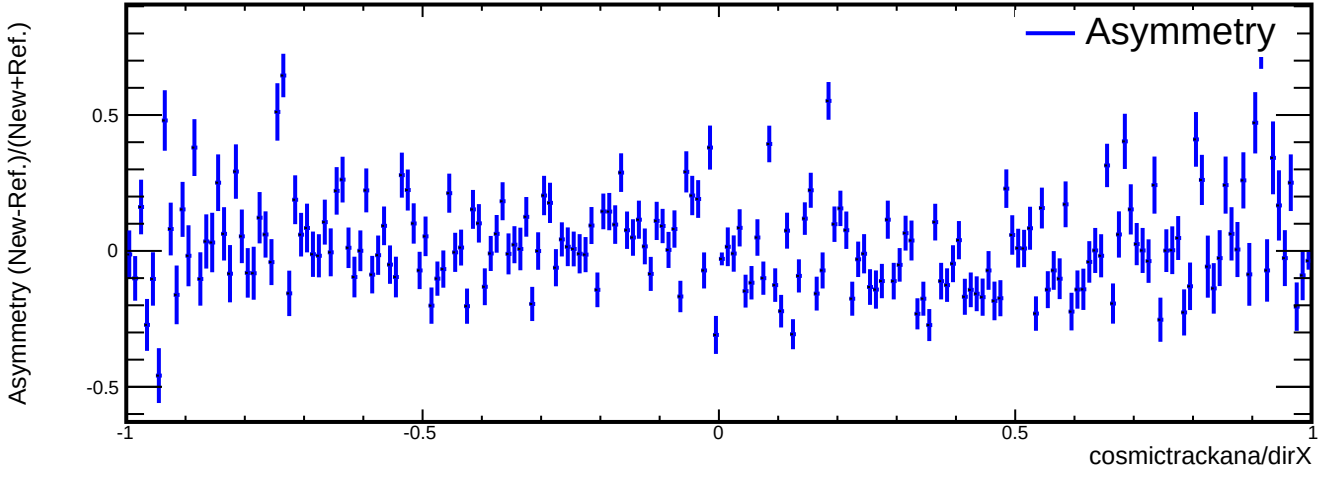

2012-06-07
2012-06-08
KS 0.286302, chi2 0
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

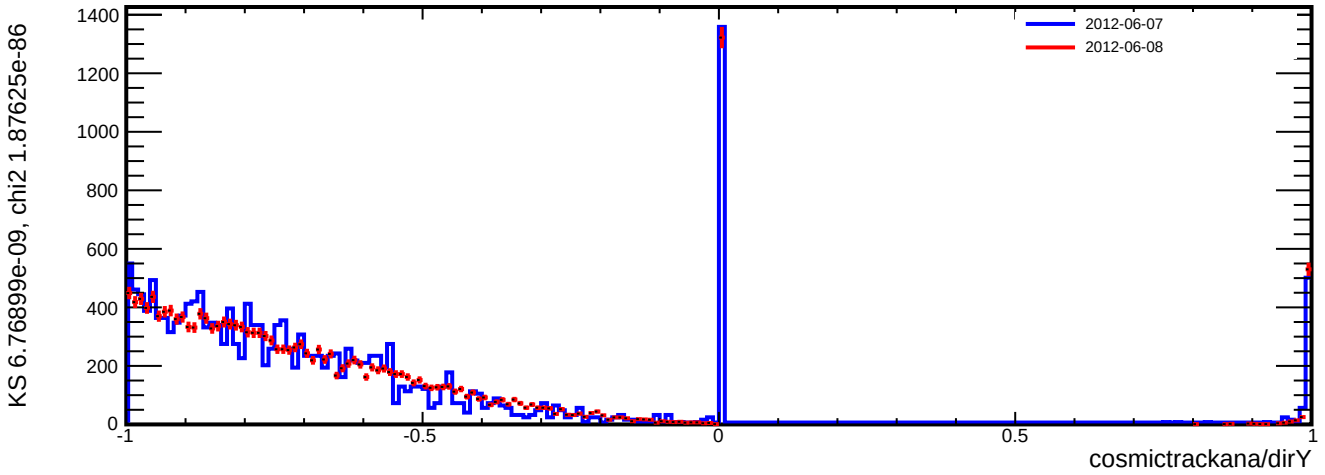

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/endY

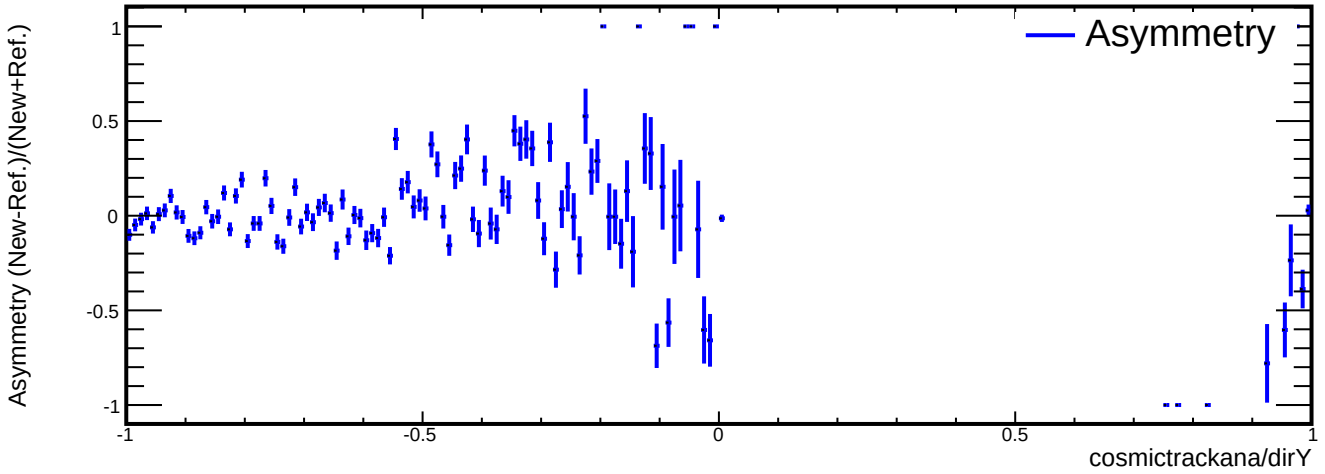

KS 3.11244e-08, chi2 0
400
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ
2012-06-07
2012-06-08

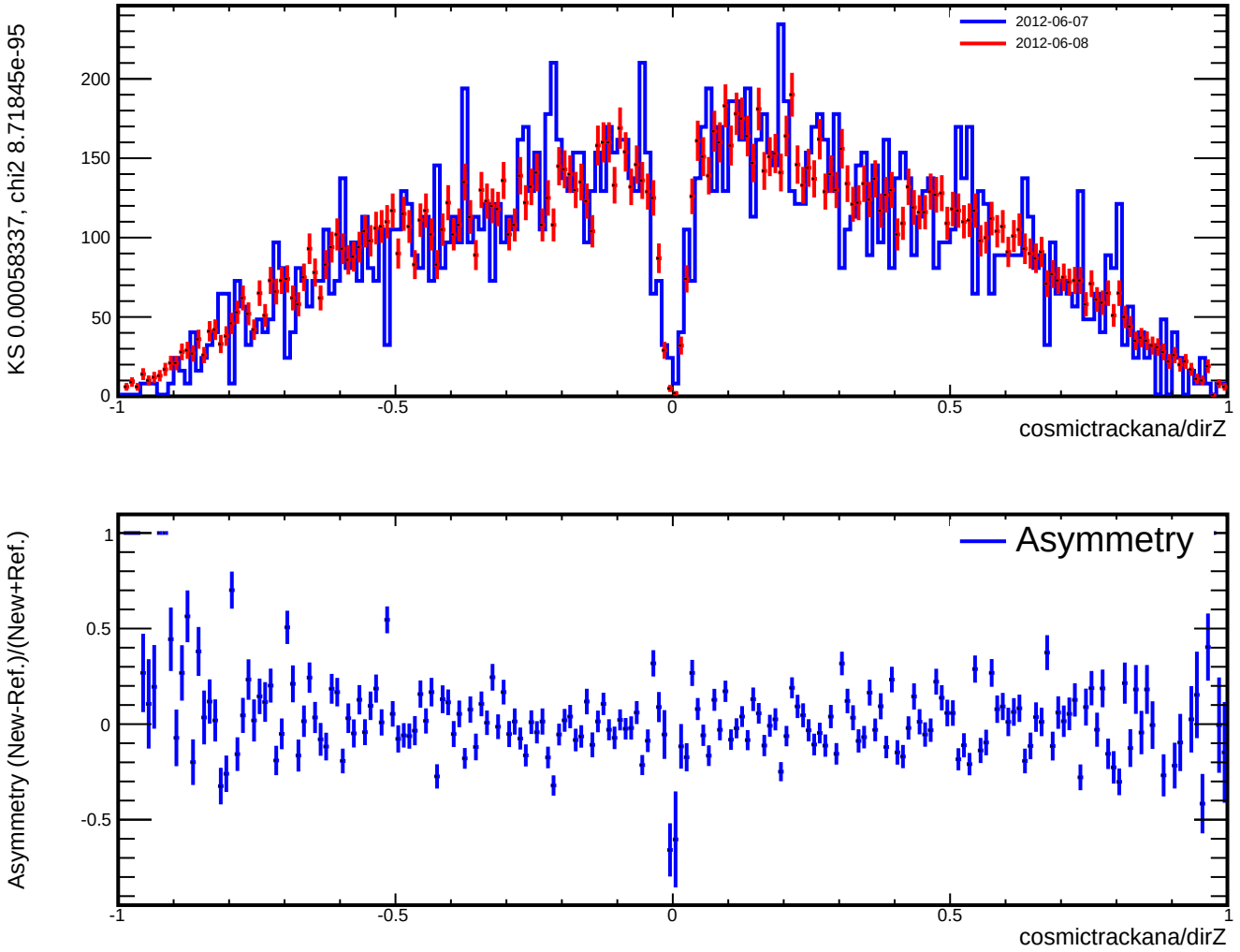

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/endZ
Asymmetry

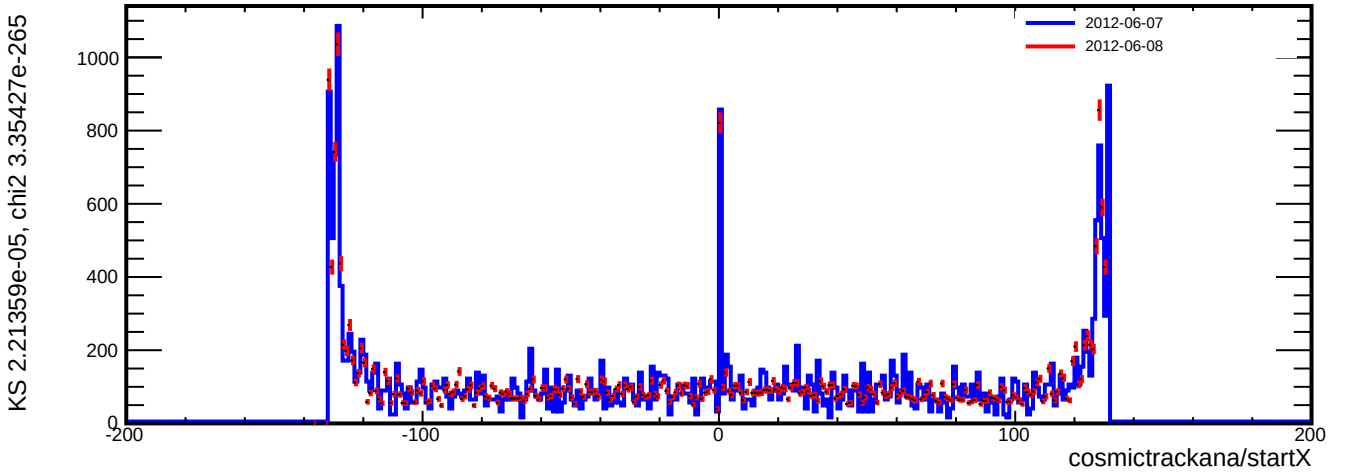

KS 3.67428e-10, chi2 7.24694e-90
2012-06-07
2012-06-08
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dirX

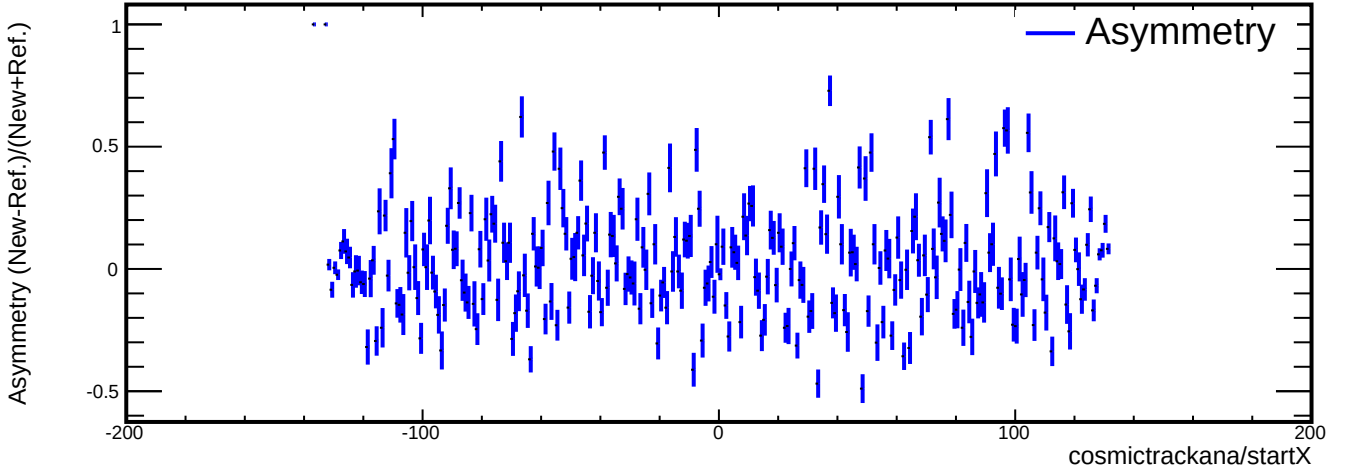

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dirX

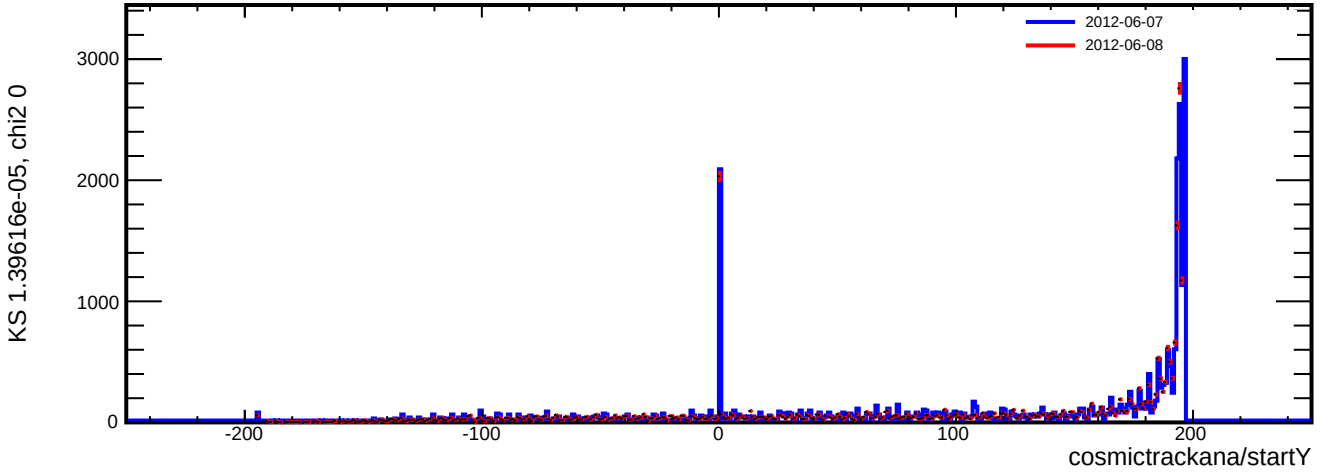

KS 6.76899e-09, chi2 1.87625e-86
2012-06-07
2012-06-08
cosmictrackana/dirY

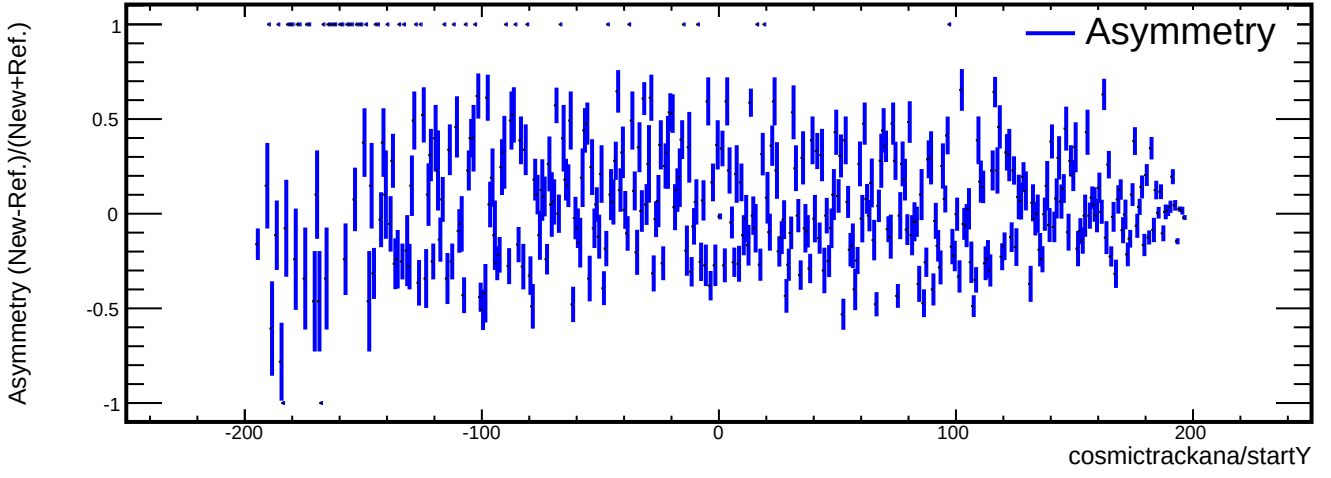

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirY

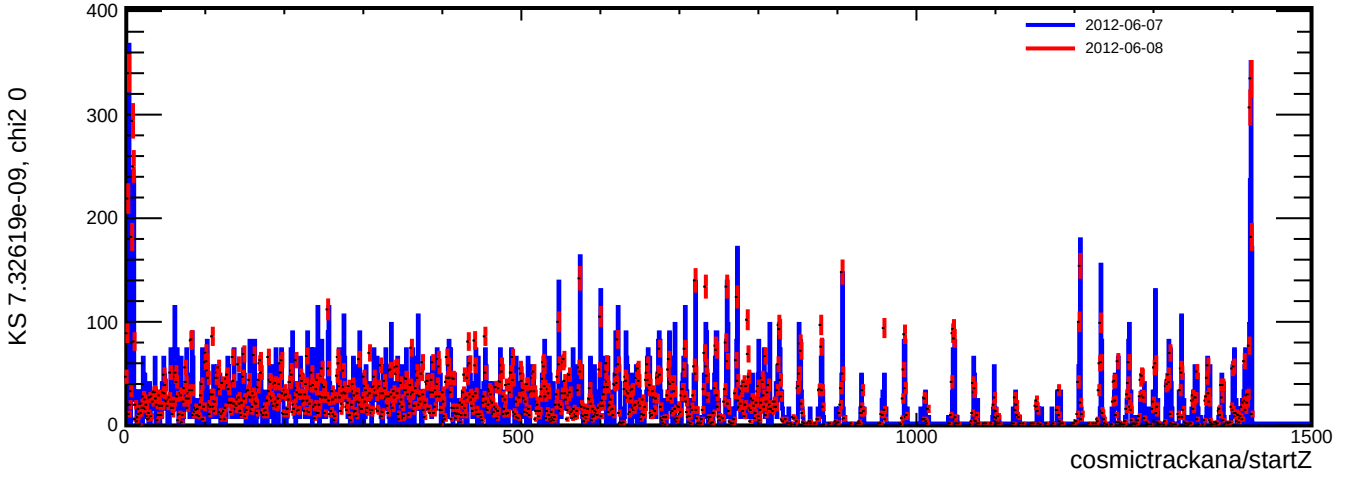

KS 0.00058337, chi2 8.71845e-95
2012-06-07
2012-06-08
cosmictrackana/dirZ
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/dirZ

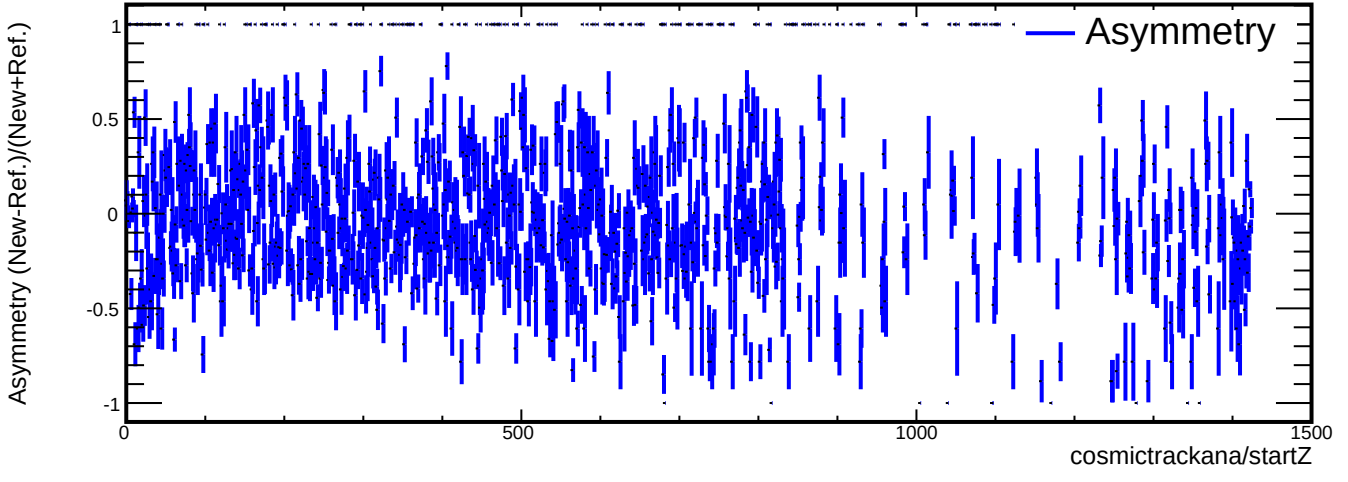

KS 2.21359e-05, chi2 3.35427e-265
2012-06-07
2012-06-08
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

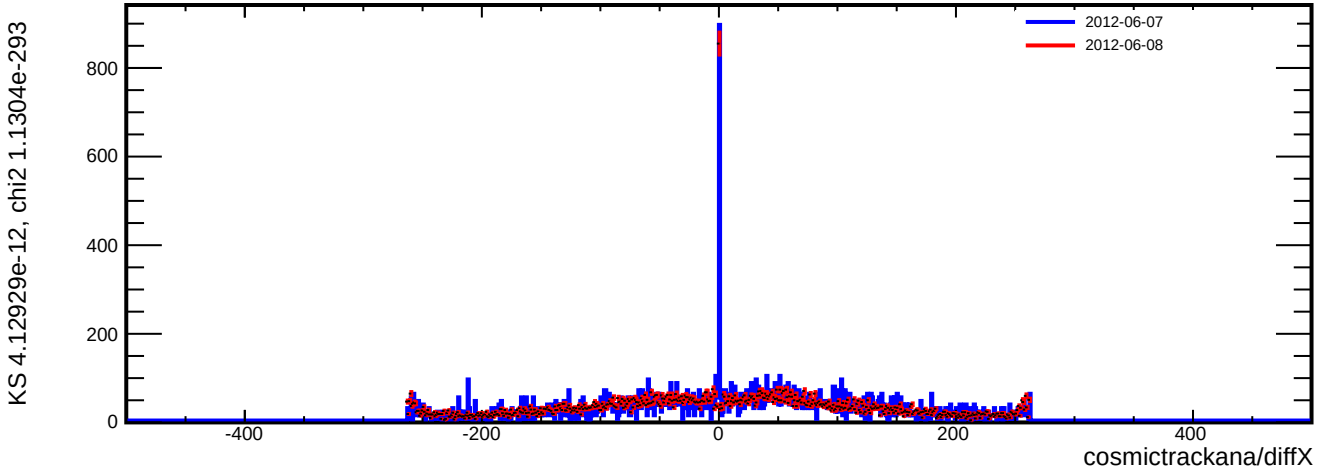

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/startX

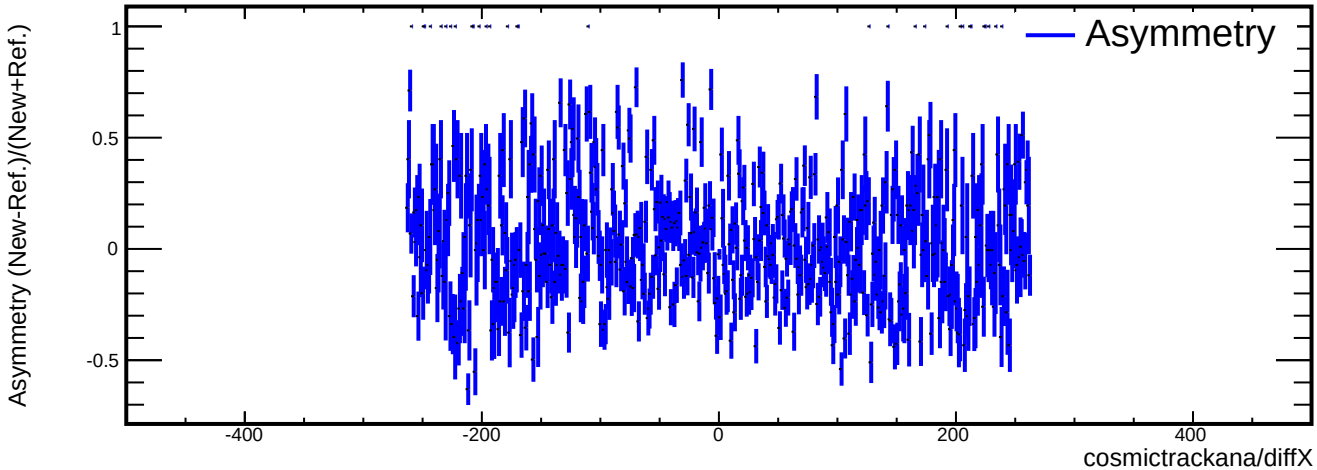

2012-06-07
2012-06-08
KS 1.39616e-05, chi2 0
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

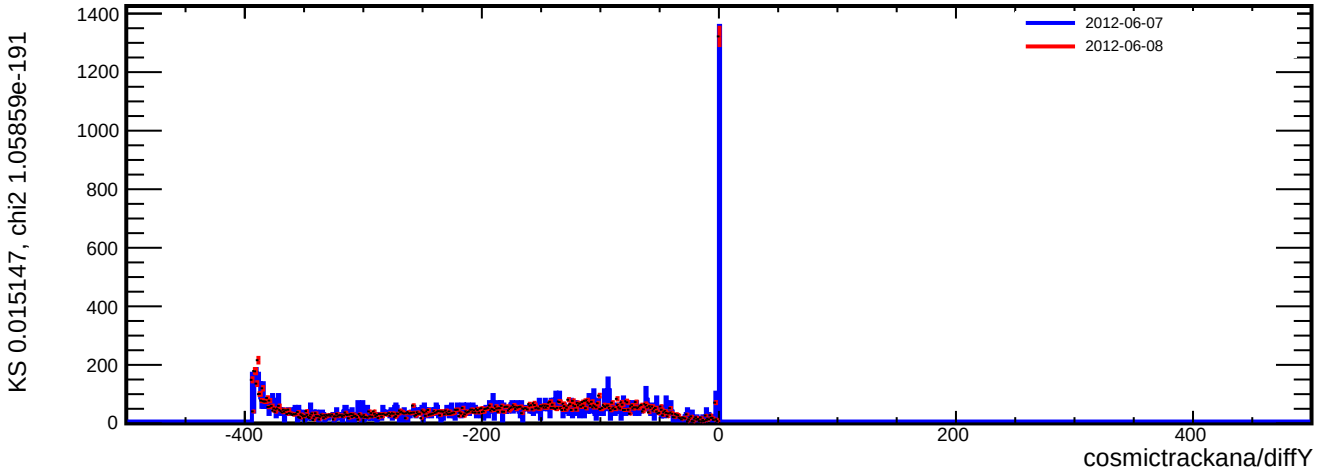

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/startY

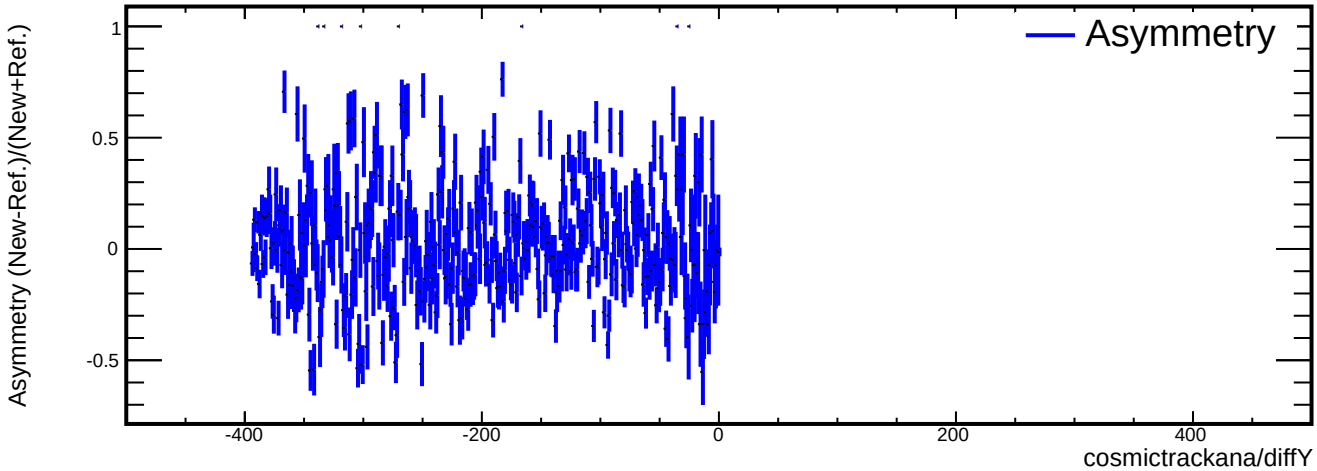

KS 7.32619e-09, chi2 0
400
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ
2012-06-07
2012-06-08

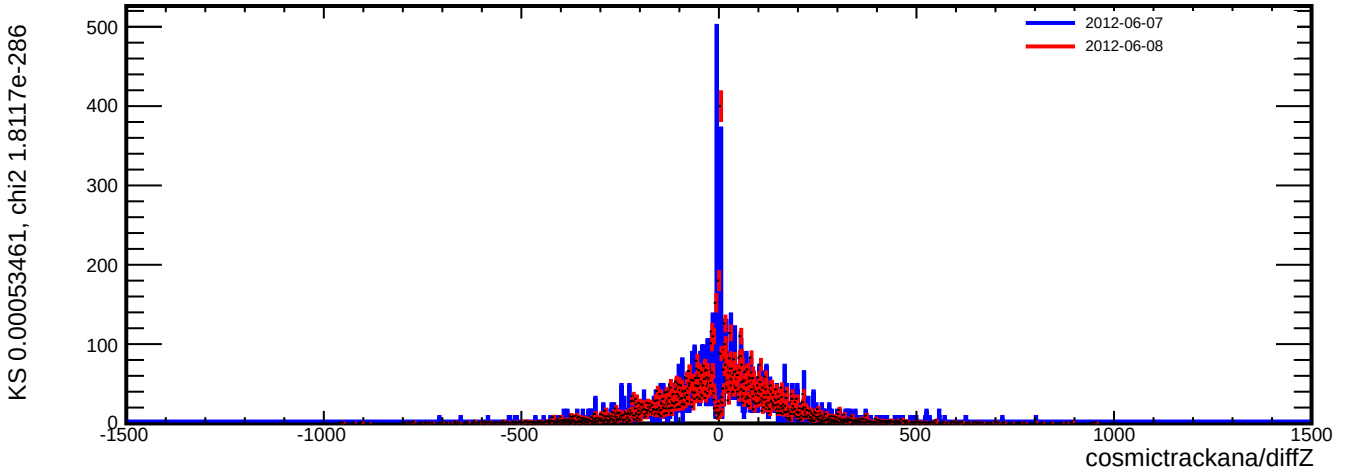

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/startZ
Asymmetry

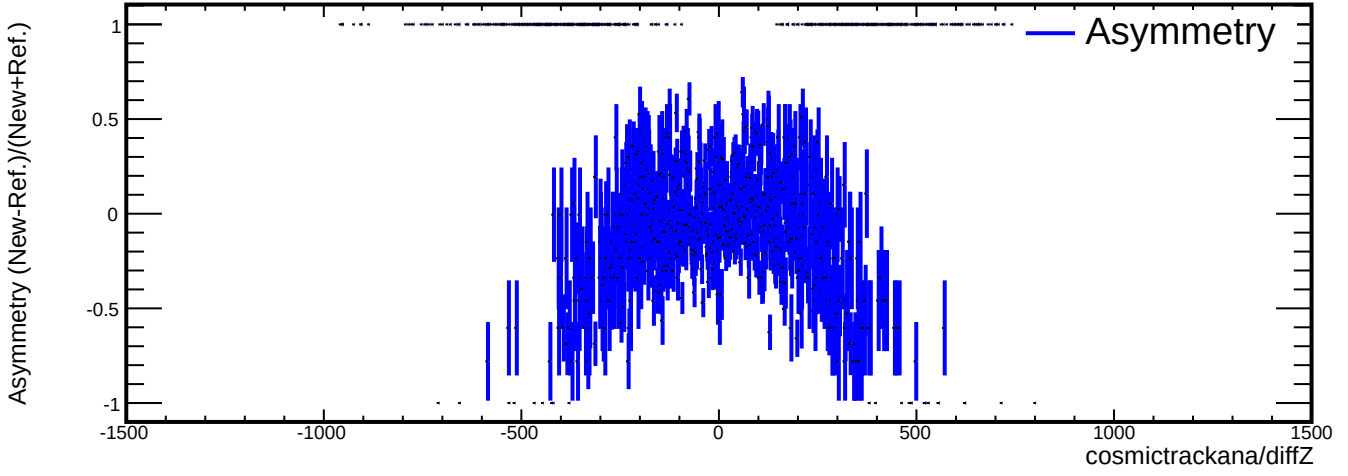

KS 4.12929e-12, chi2 1.1304e-293
2012-06-07
2012-06-08
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX

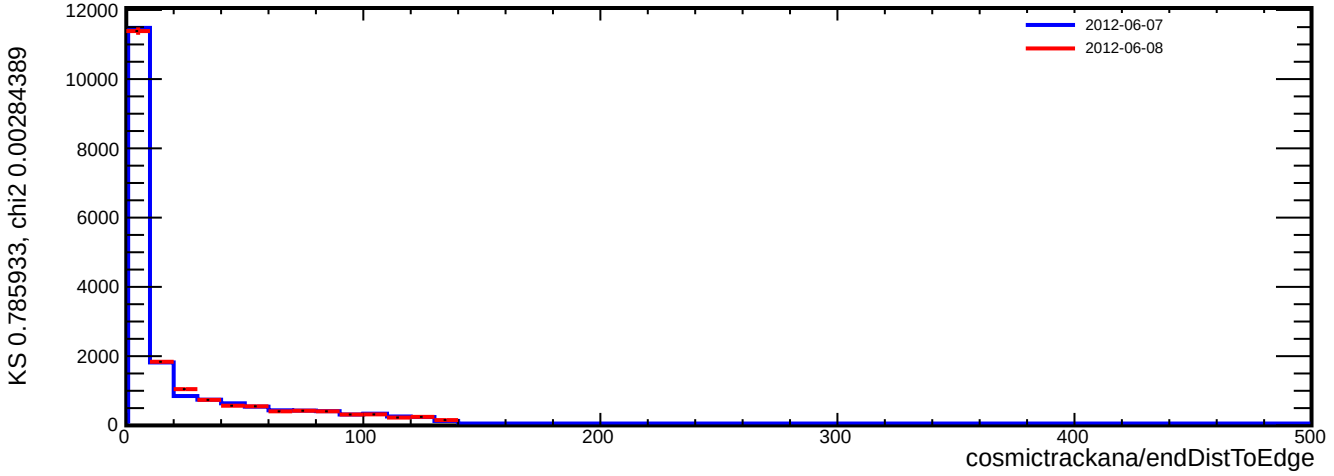

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffX

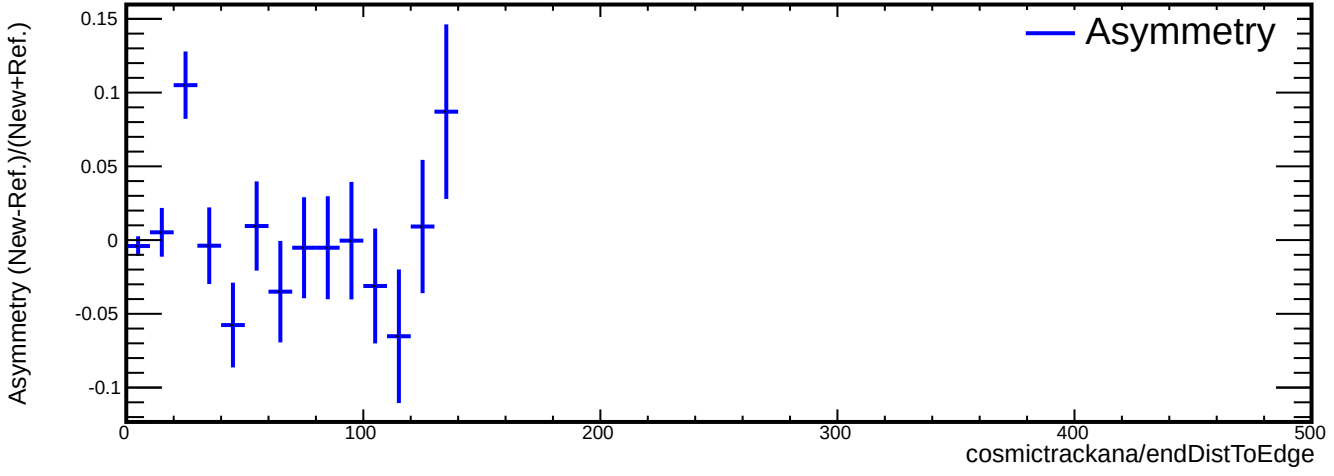

KS 0.015147, chi2 1.05859e-191
1400
1200
1000
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffY
2012-06-07
2012-06-08

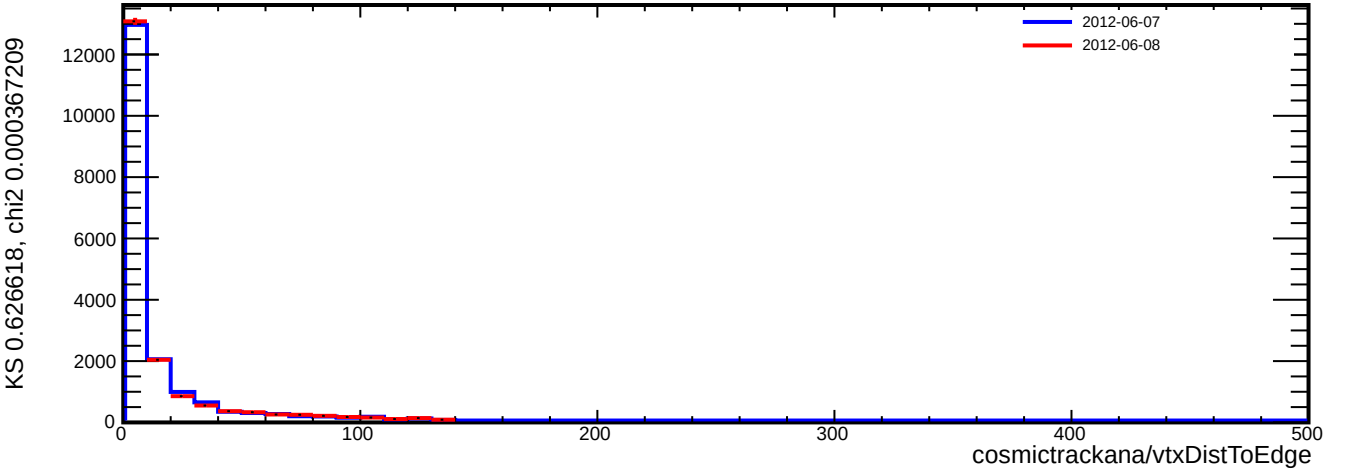

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-400
-200
0
200
400
cosmictrackana/diffY
Asymmetry

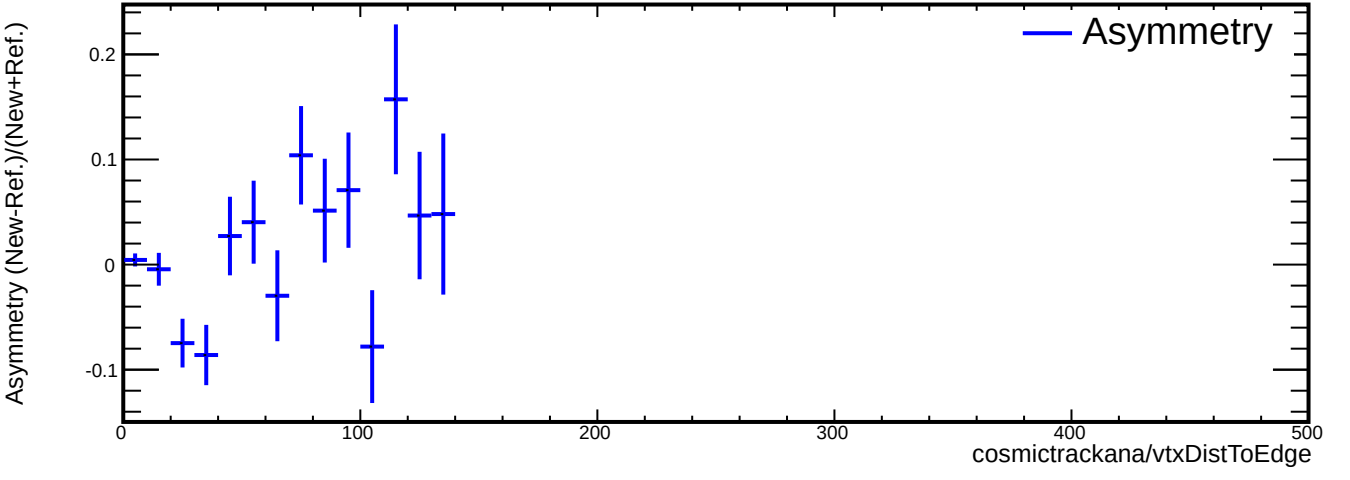

KS 0.00053461, chi2 1.8117e-286
2012-06-07
2012-06-08
500
400
300
200
100
0
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ

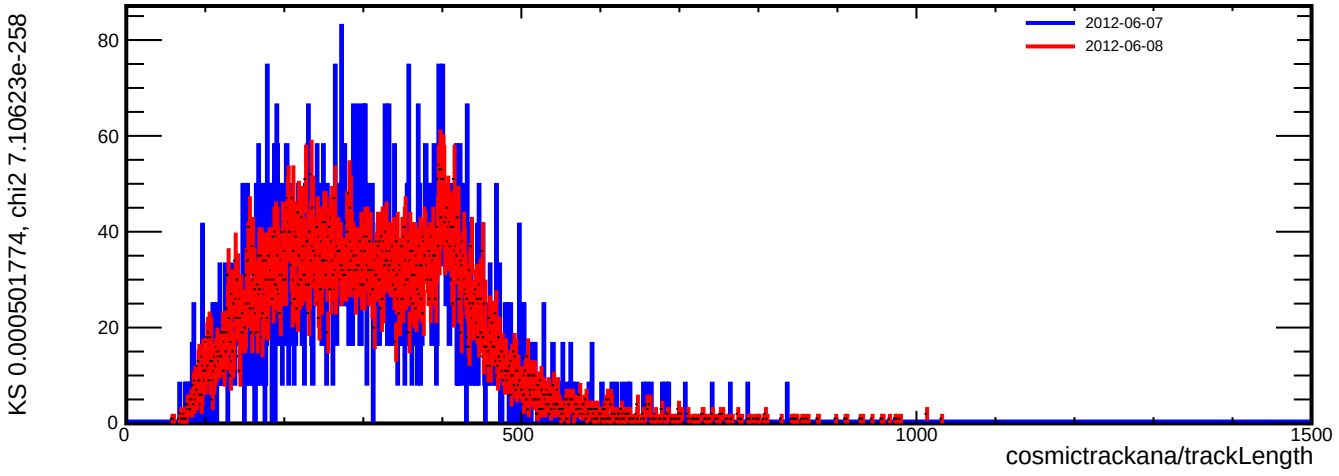

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ

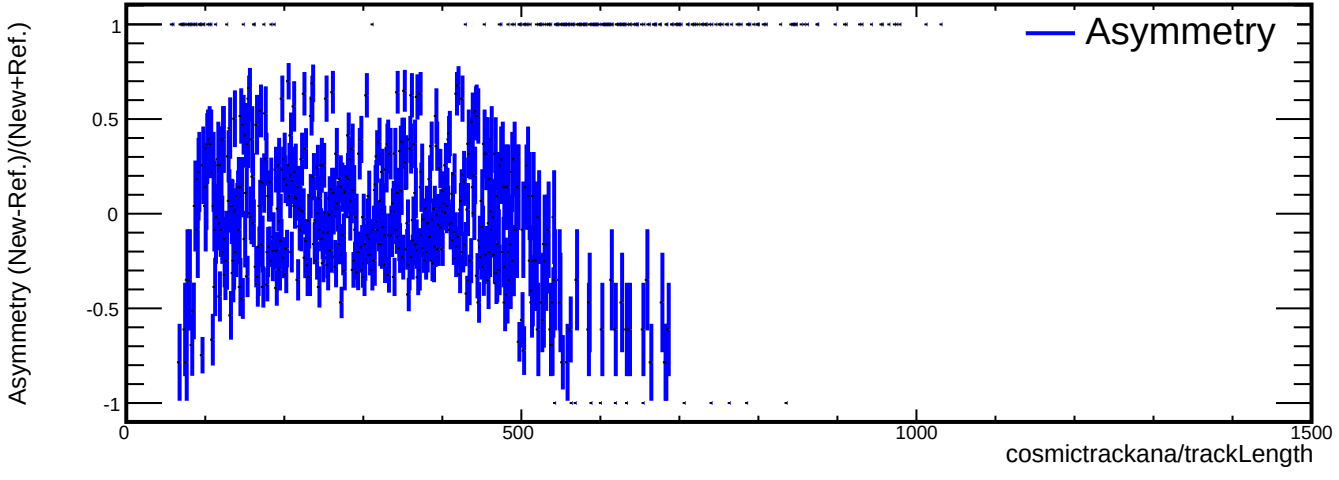

KS 0.785933, chi2 0.00284389
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/endDistToEdge
2012-06-07
2012-06-08

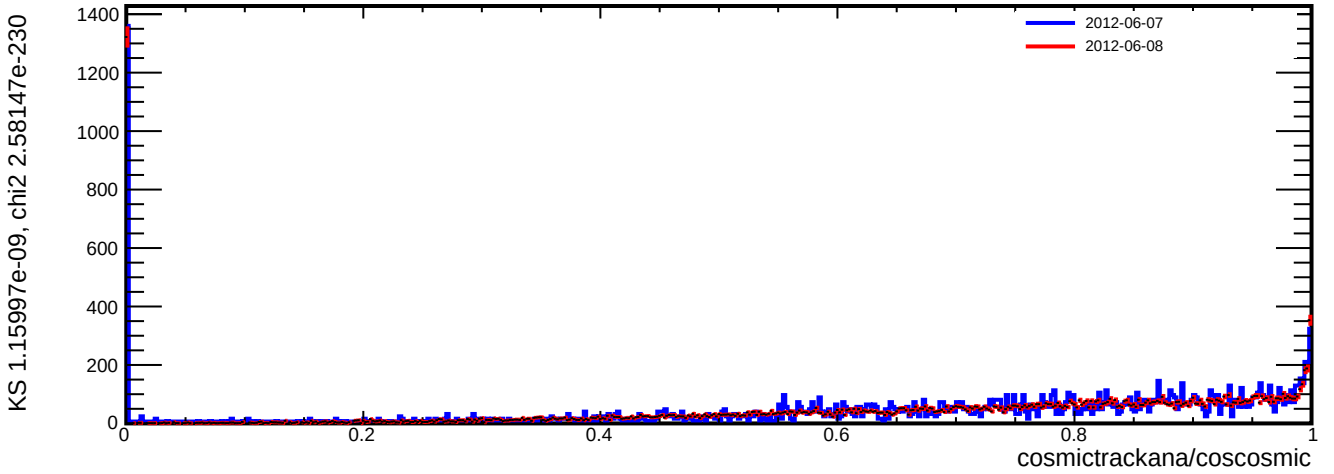

Asymmetry (New-Ref.)/(New+Ref.)
0.15
0.1
0.05
0
-0.05
-0.1
0
100
200
300
400
500
cosmictrackana/endDistToEdge
Asymmetry

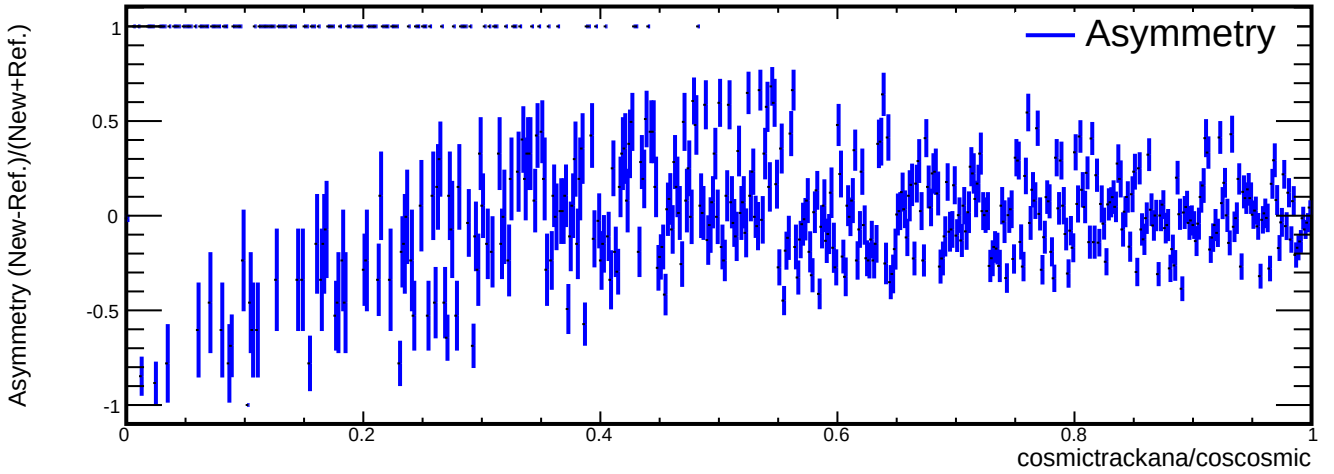

KS 0.626618, chi2 0.000367209
2012-06-07
2012-06-08
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

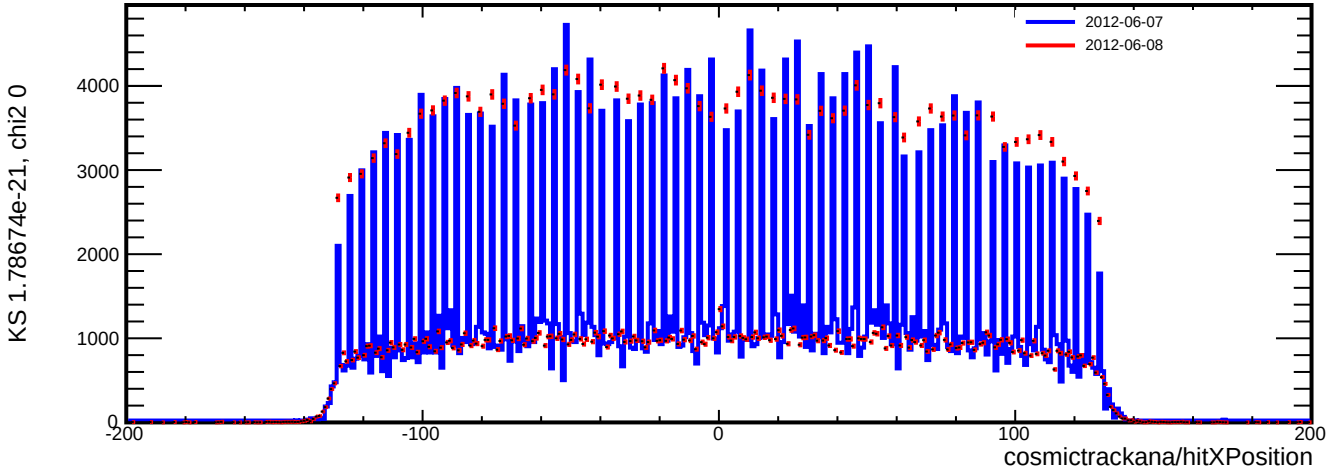

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

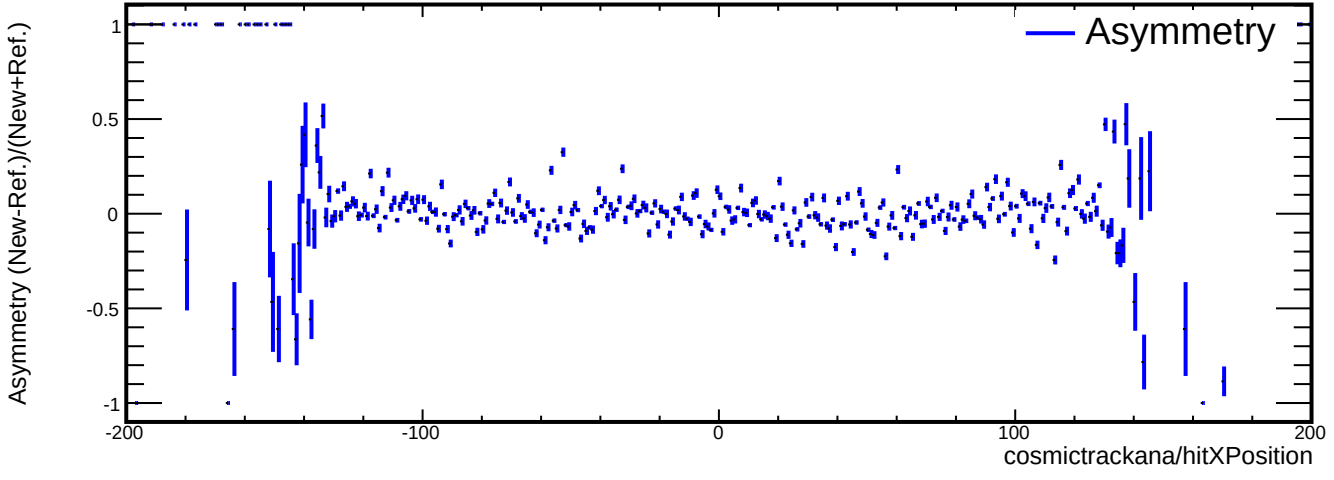

KS 0.000501774, chi2 7.10623e-258
2012-06-07
2012-06-08
0
20
40
60
80
0
500
1000
1500
cosmictrackana/trackLength

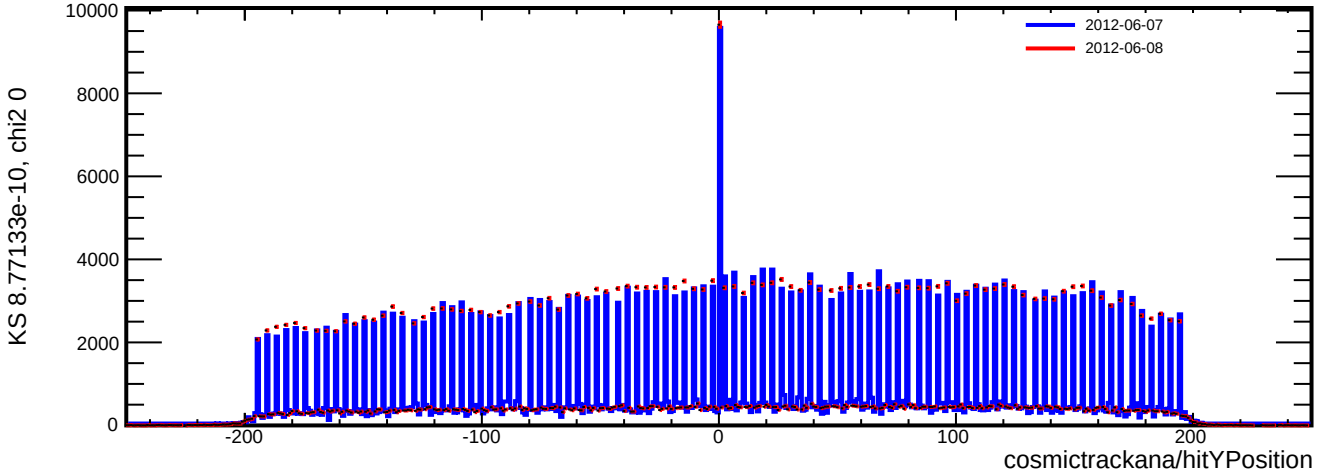

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
1
0.5
0
-0.5
-1
0
500
1000
1500
cosmictrackana/trackLength

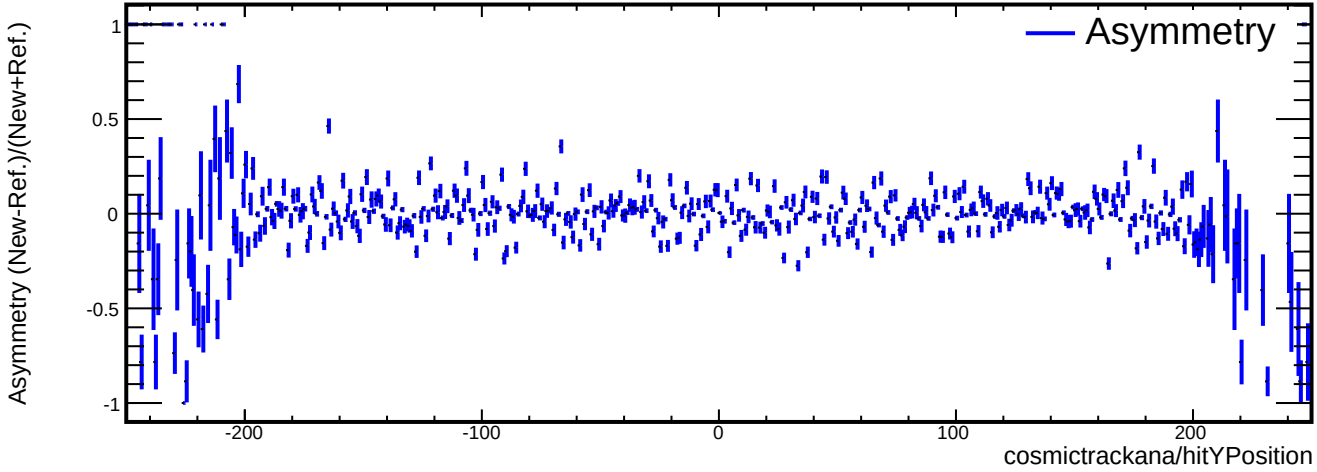

KS 1.15997e-09, chi2 2.58147e-230
2012-06-07
2012-06-08
cosmictrackana/coscosmic

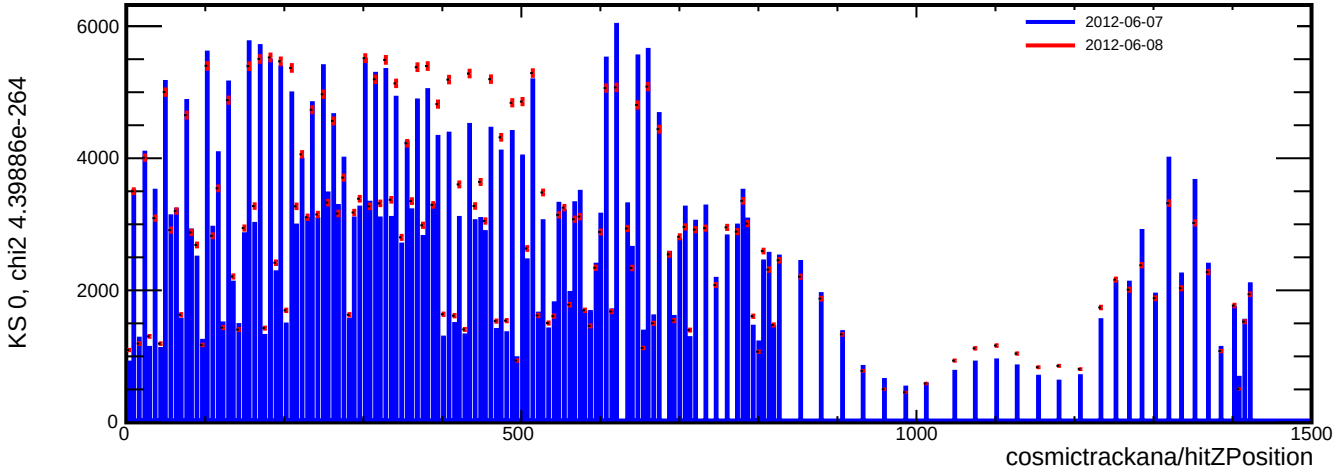

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/coscosmic

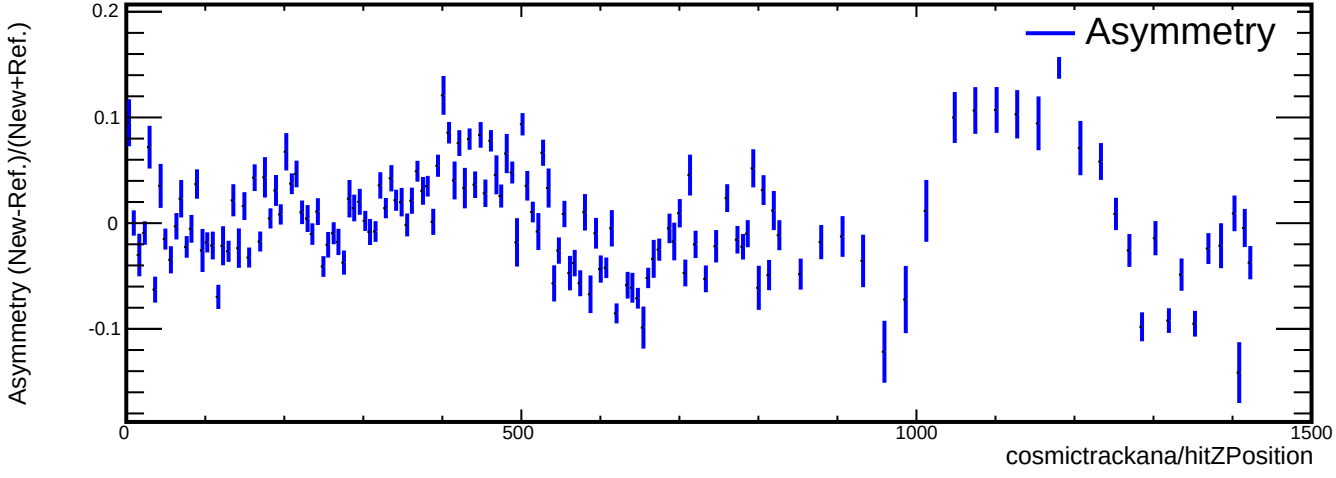

2012-06-07
2012-06-08
KS 1.78674e-21, chi2 0
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

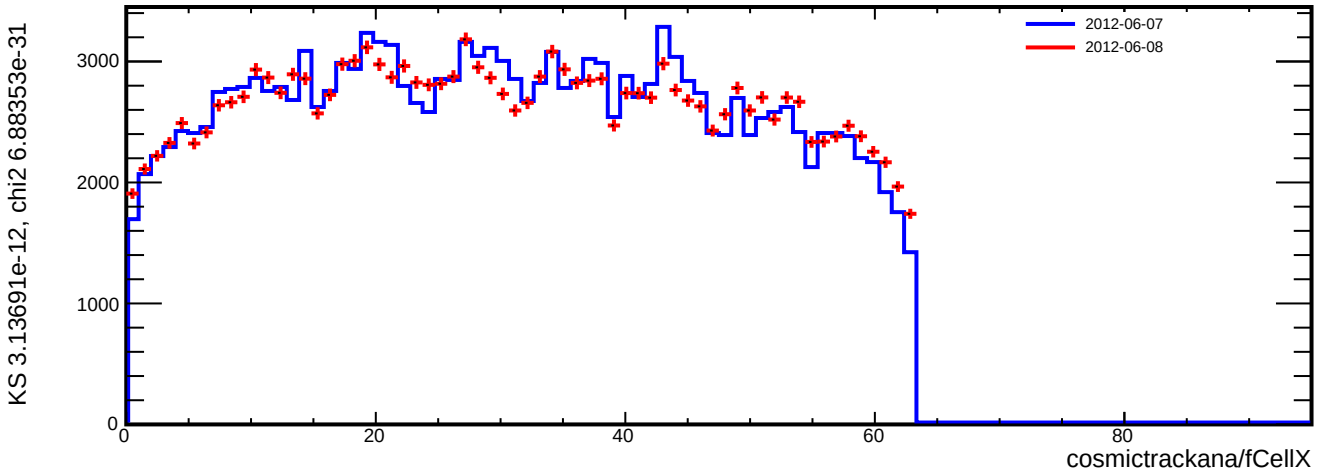

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitXPosition

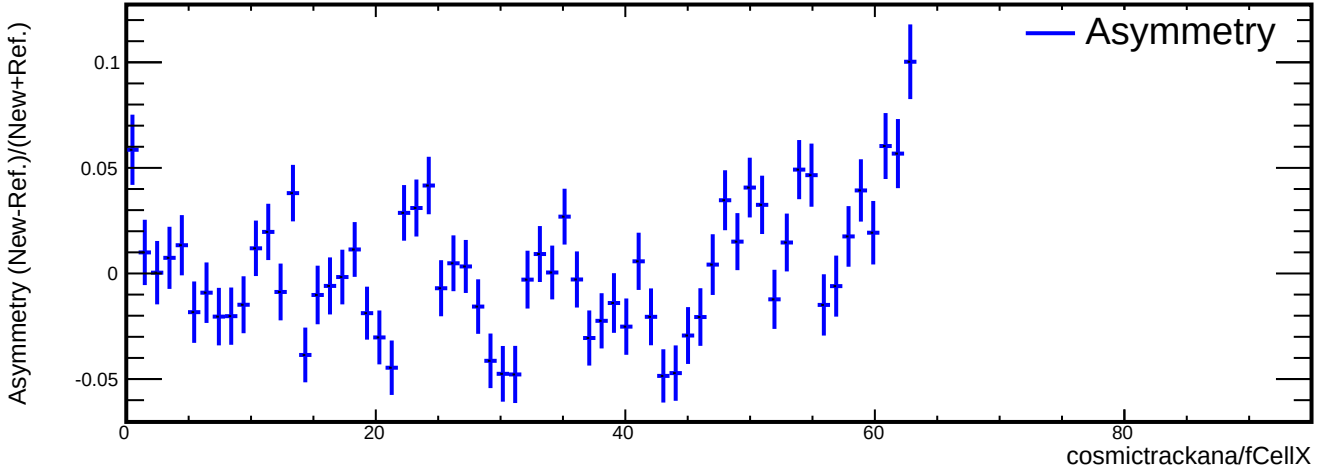

KS 8.77133e-10, chi2 0
10000
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition
2012-06-07
2012-06-08

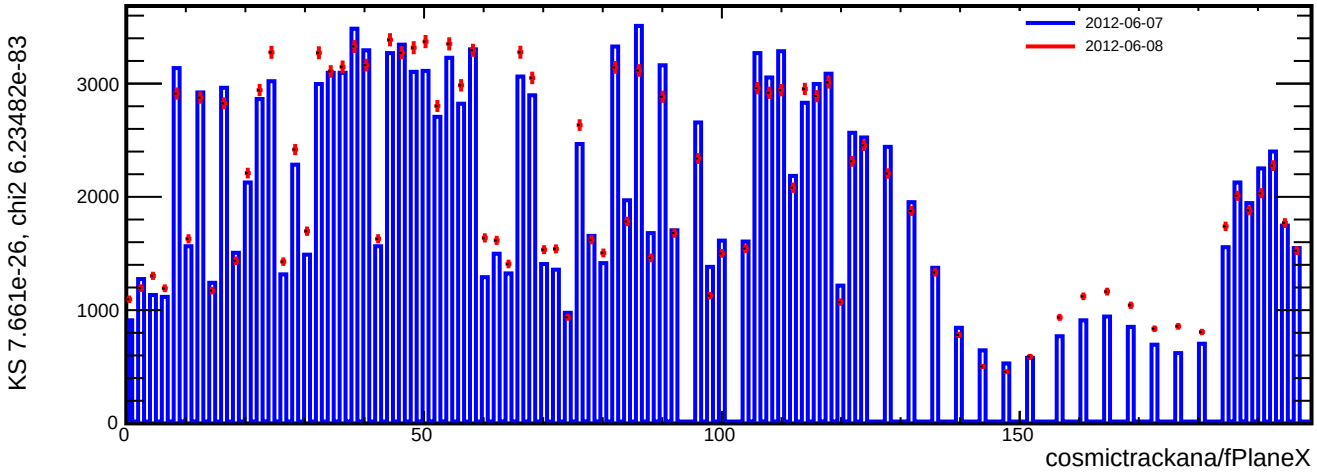

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-200
-100
0
100
200
cosmictrackana/hitYPosition
Asymmetry

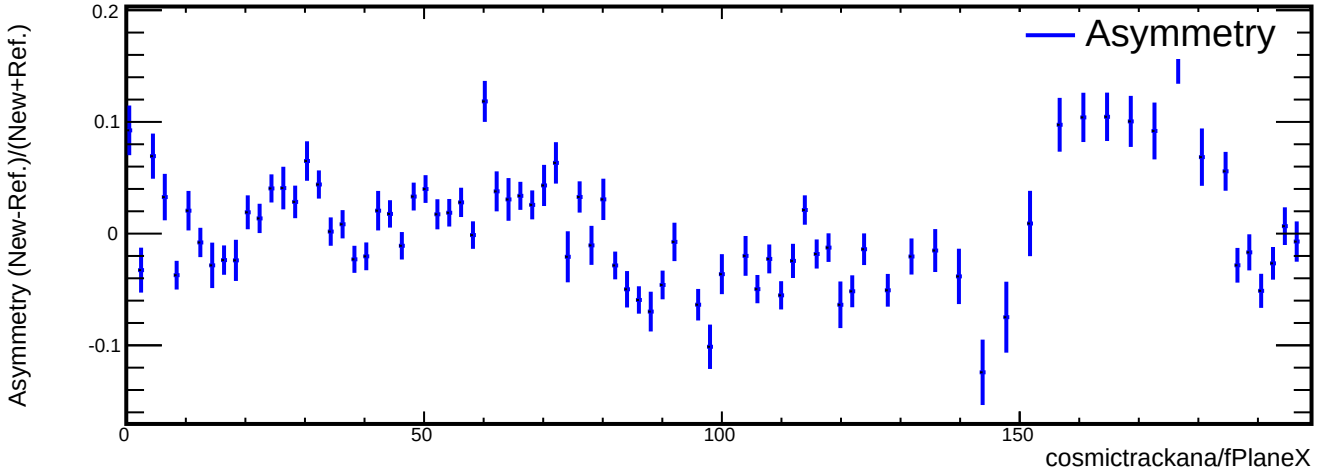

KS 0, chi2 4.39886e-264
6000
4000
2000
0
0
500
1000
1500
cosmictrackana/hitZPosition
2012-06-07
2012-06-08

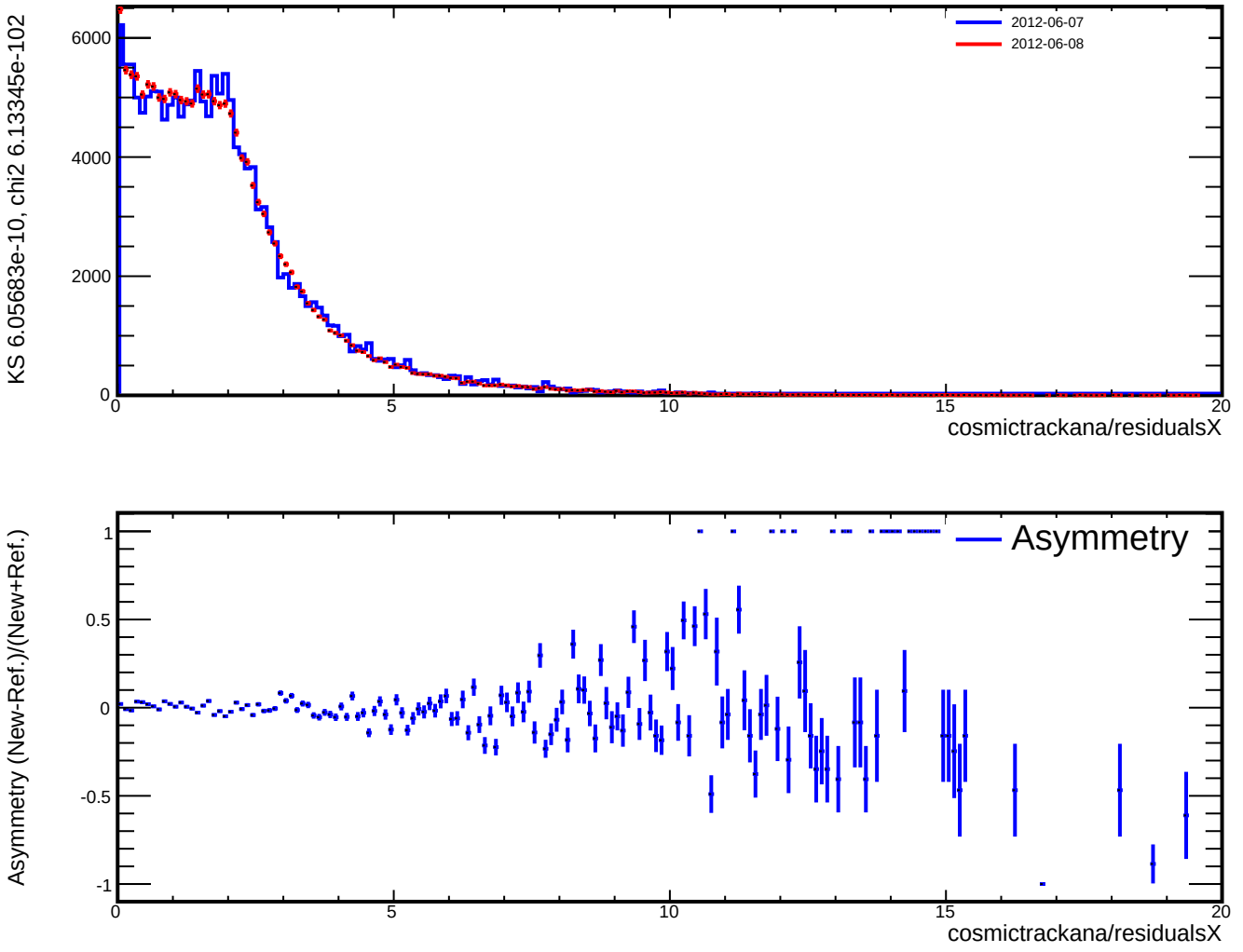

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0.1
0
-0.1
0
500
1000
1500
cosmictrackana/hitZPosition
Asymmetry

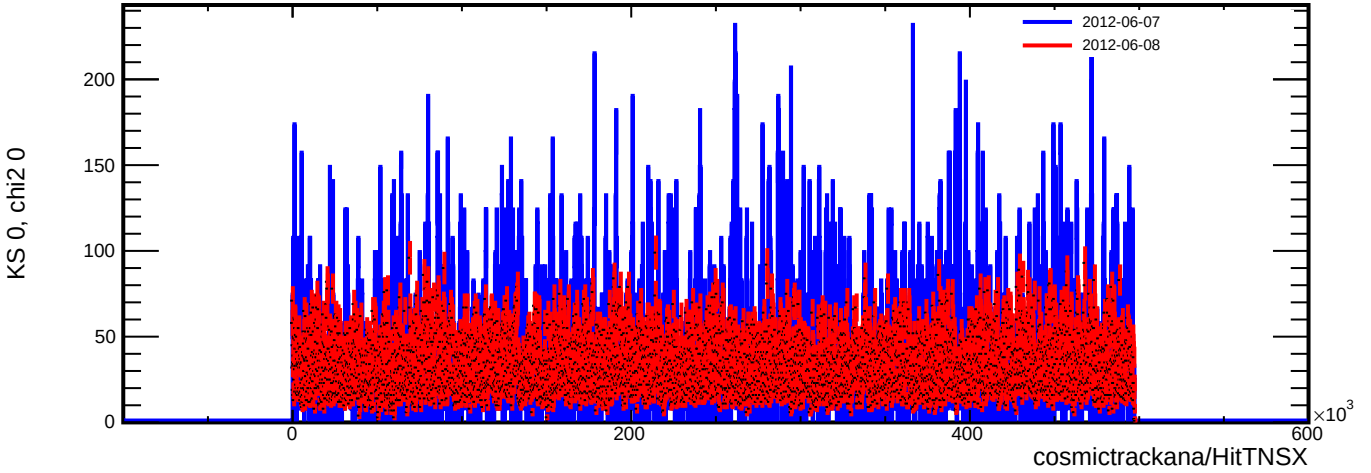

KS 3.13691e-12, chi2 6.88353e-31
2012-06-07
2012-06-08
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX

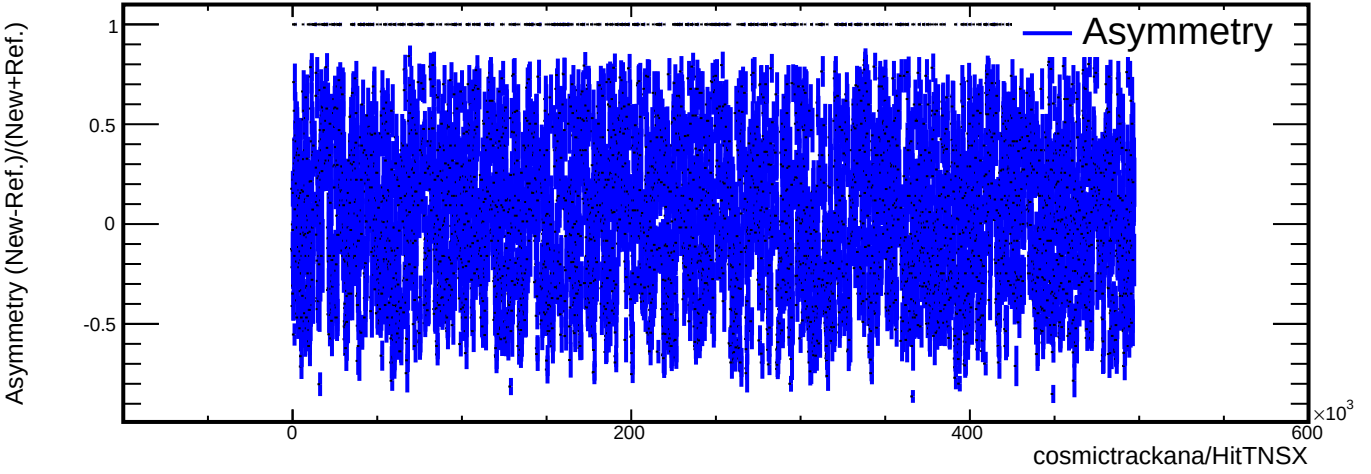

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.1
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellX

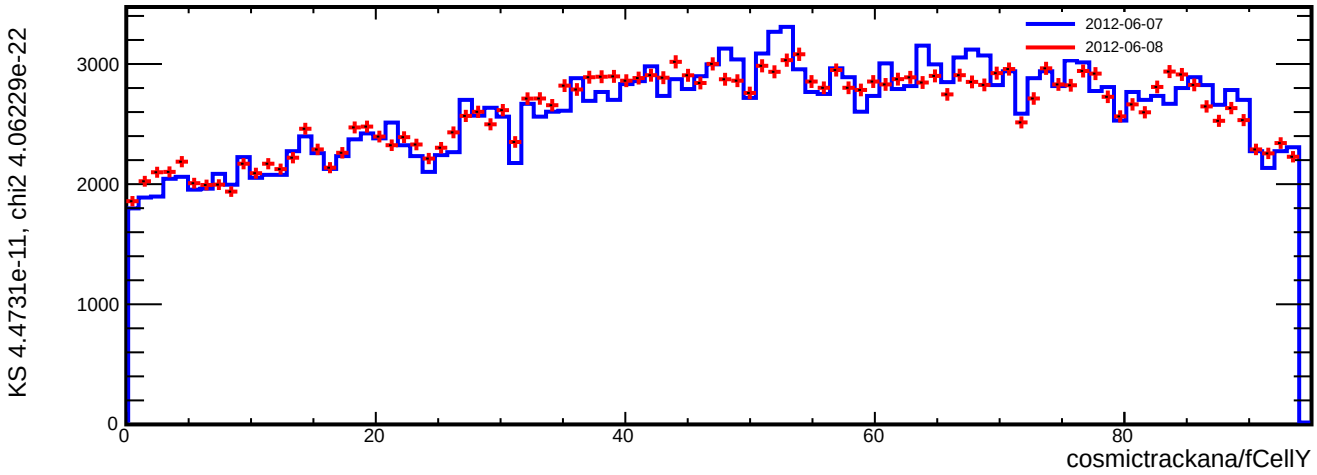

KS 7.661e-26, chi2 6.23482e-83
2012-06-07
2012-06-08
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

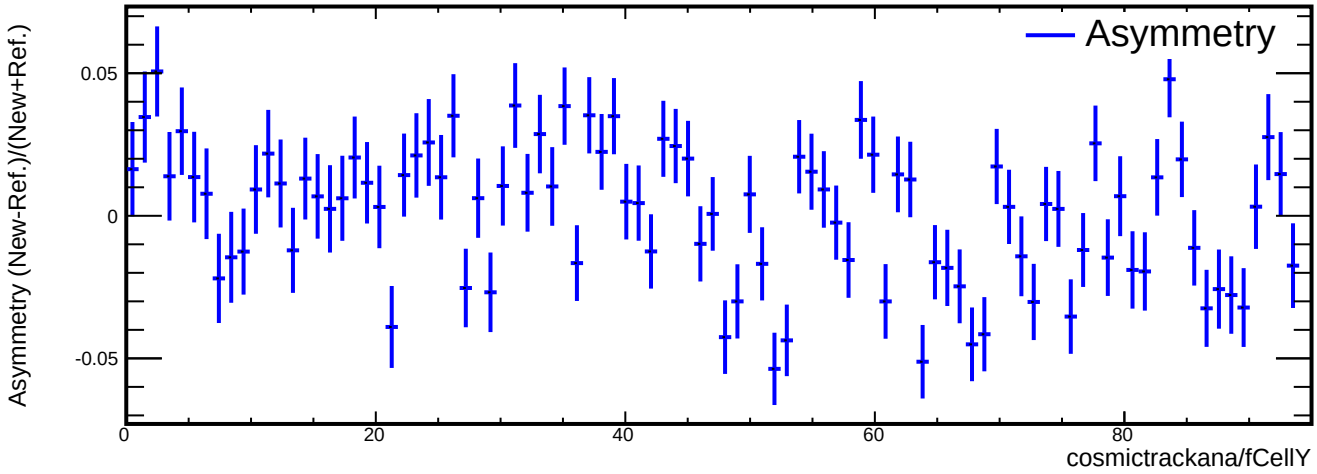

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.2
0.1
0
-0.1
0
50
100
150
cosmictrackana/fPlaneX

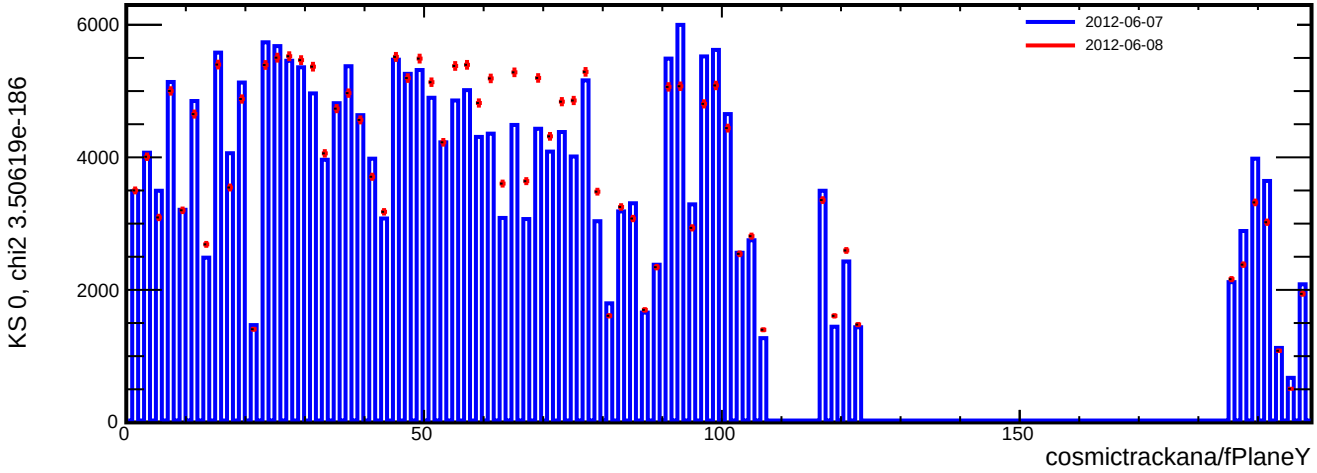

KS 6.05683e-10, chi2 6.13345e-102
2012-06-07
2012-06-08
cosmictrackana/residualsX
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
cosmictrackana/residualsX

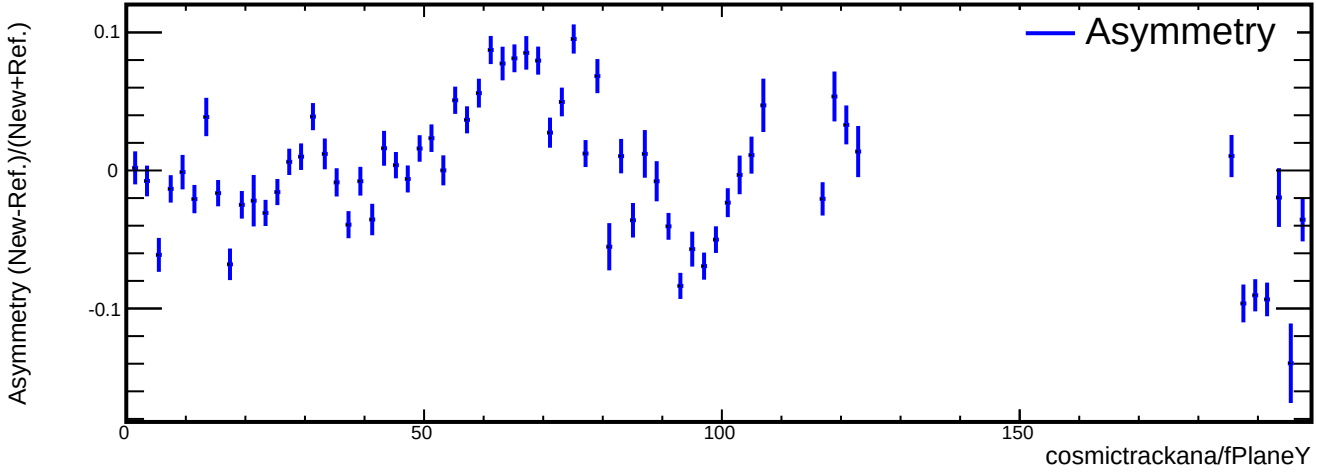

2012-06-07
2012-06-08
KS 0, chi2 0
0
50
100
150
200
0
200
400
600
×10^3
cosmictrackana/HitTNSX

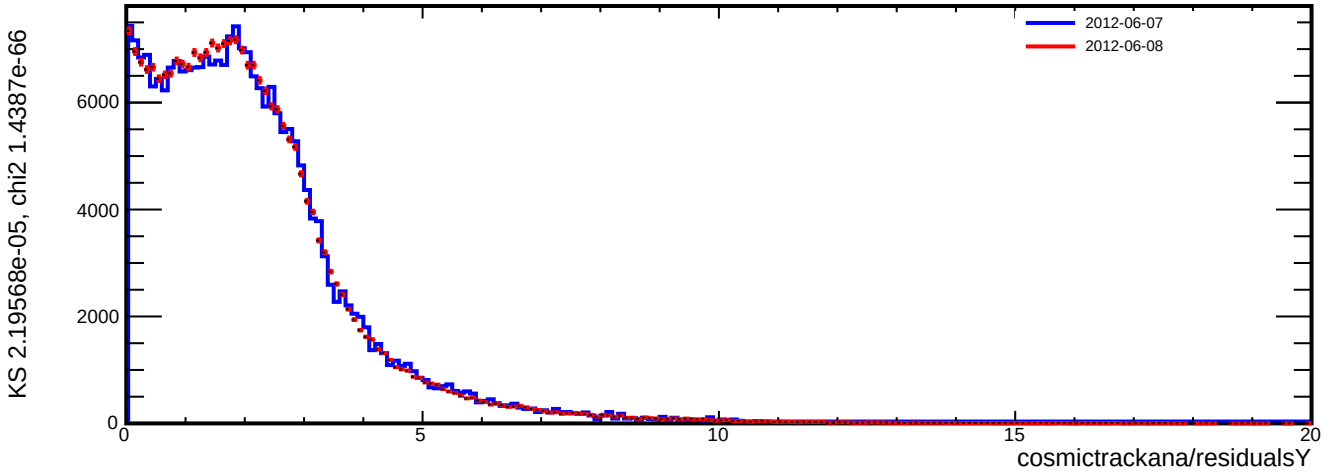

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
0
200
400
600
×10^3
cosmictrackana/HitTNSX

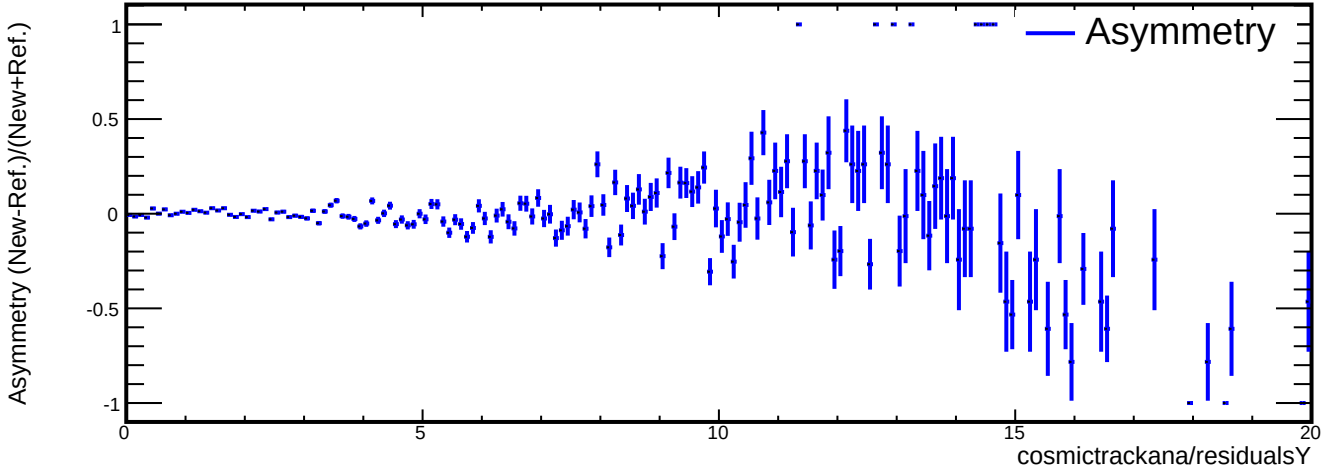

KS 4.4731e-11, chi2 4.06229e-22
2012-06-07
2012-06-08
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellY

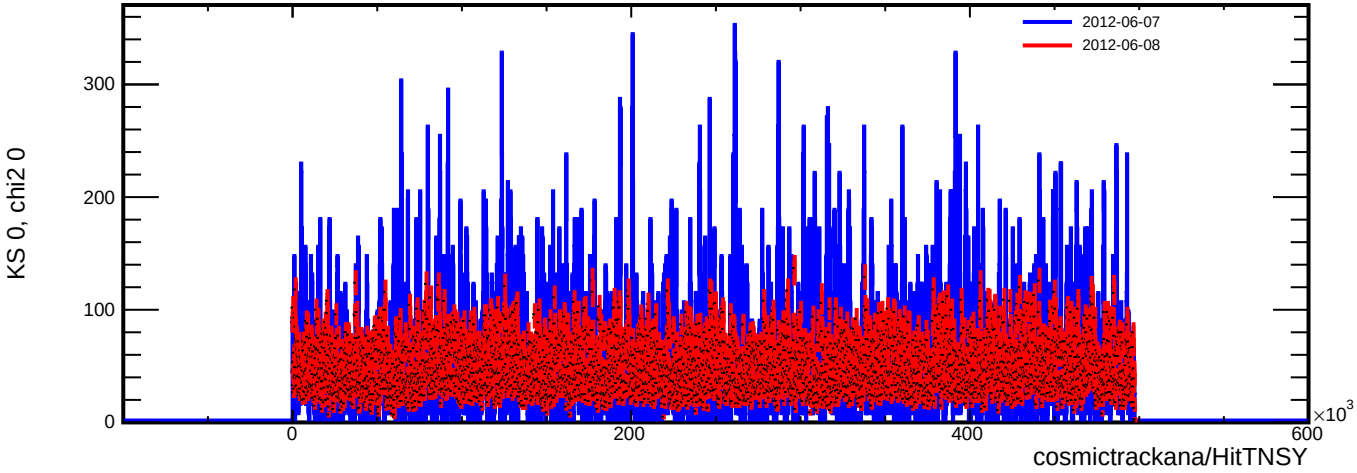

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.05
0
-0.05
0
20
40
60
80
cosmictrackana/fCellY

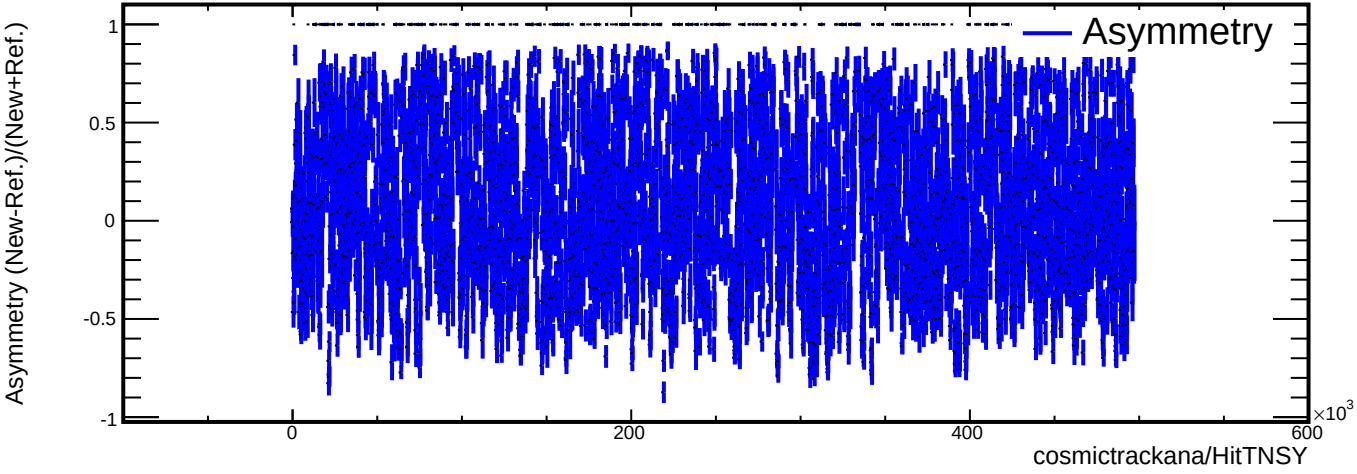

KS 0, chi2 3.50619e-186
6000
4000
2000
0
0
50
100
150
cosmictrackana/fPlaneY
2012-06-07
2012-06-08


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


KS 2.19568e-05, chi2 1.4387e-66
2012-06-07
2012-06-08
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


2012-06-07
2012-06-08
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
-1
0
200
400
600
×10^3
cosmictrackana/HitTNSY