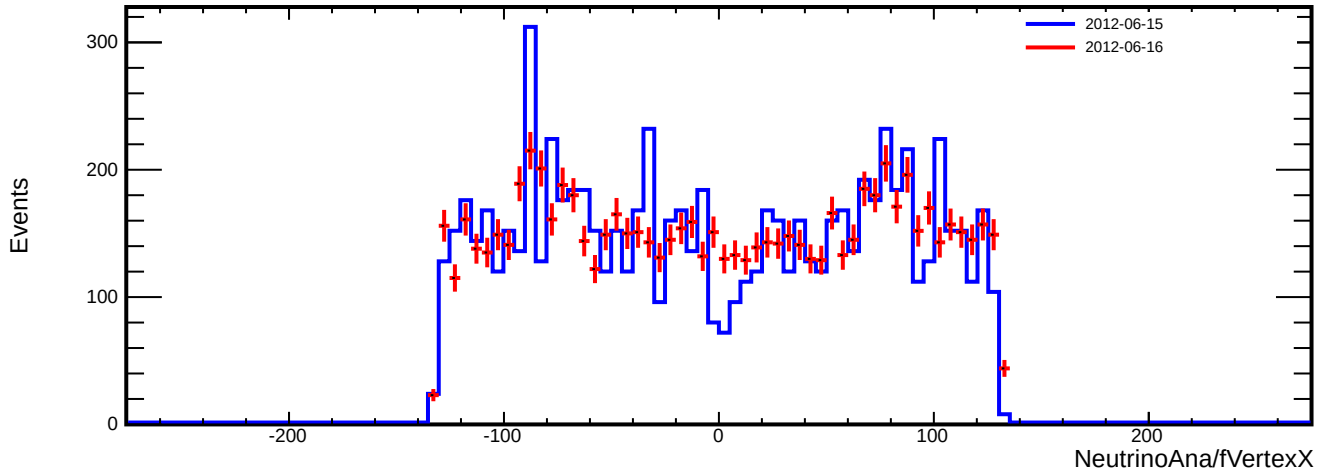
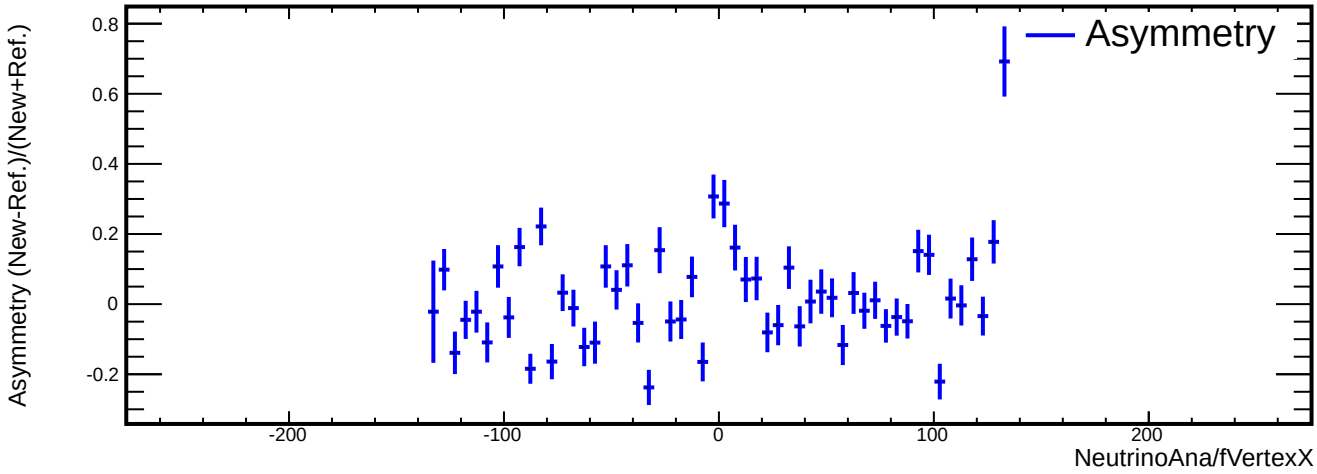
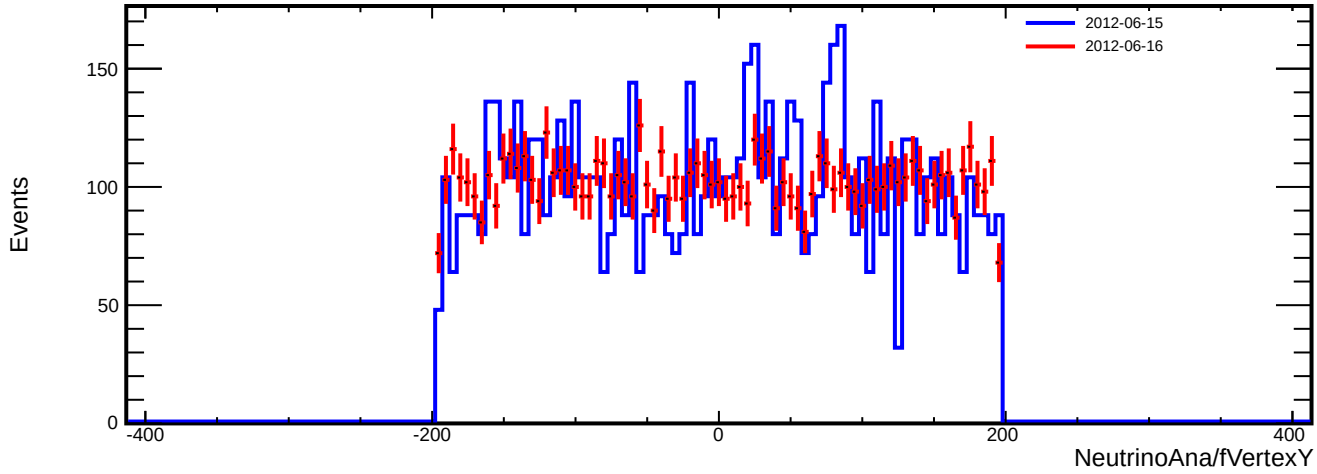
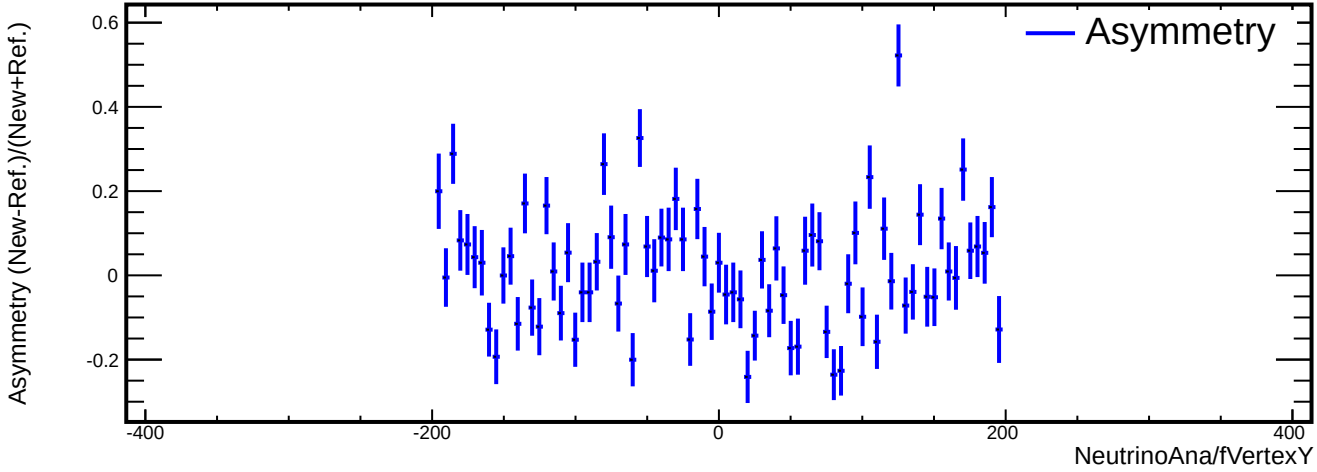
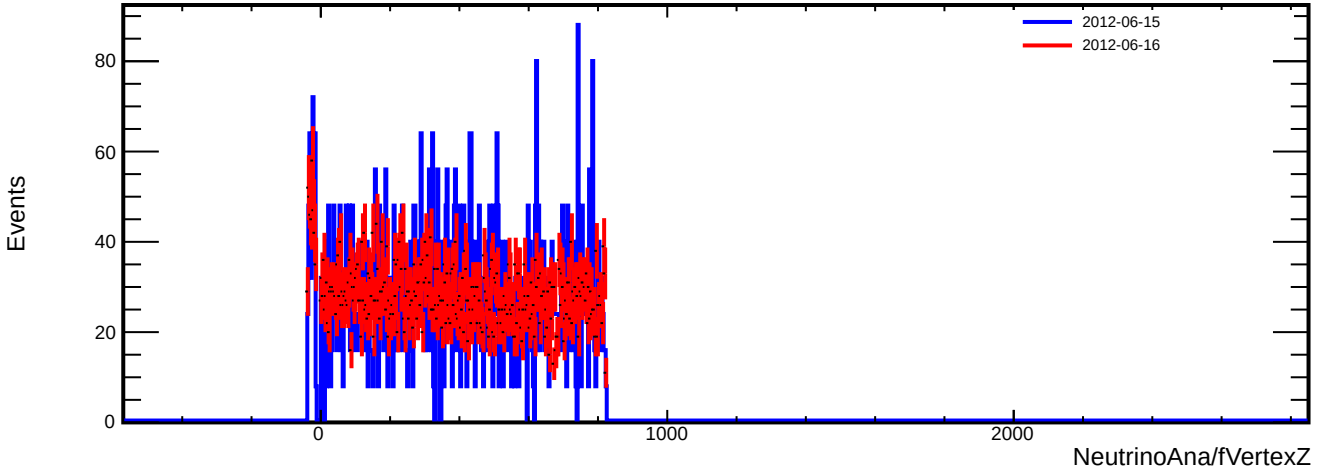
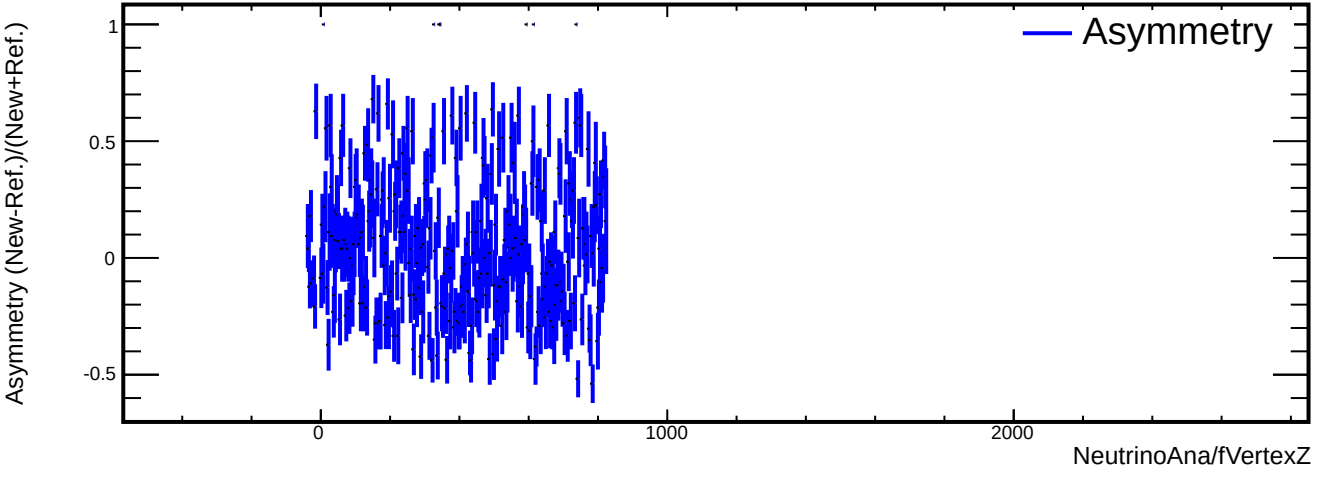

2012-06-15
2012-06-16
Events
300
200
100
0
-200
-100
0
100
200
NeutrinoAna/fVertexX

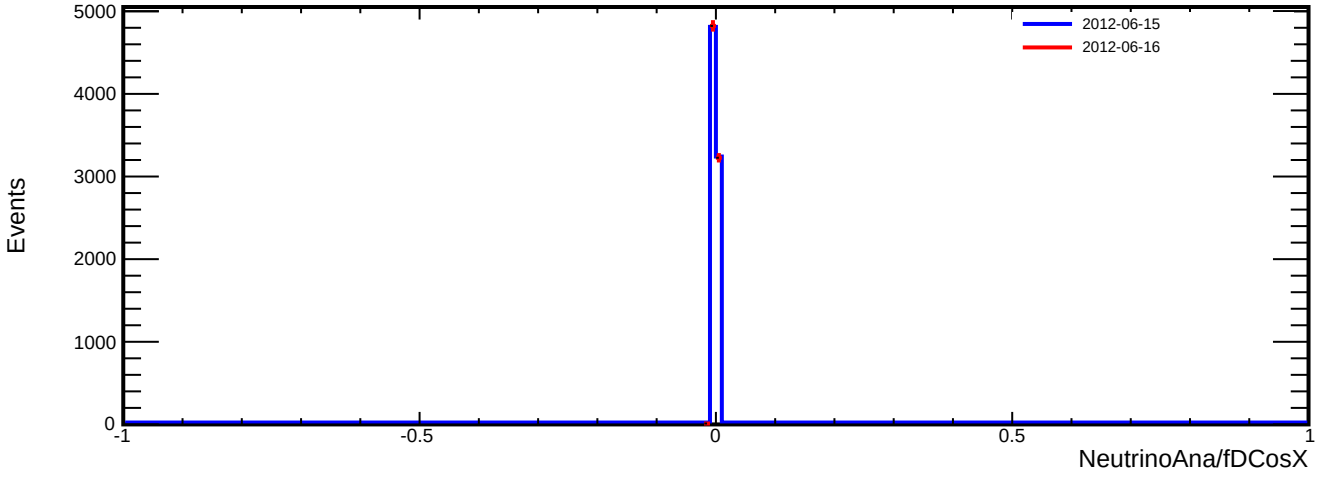

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.8
0.6
0.4
0.2
0
-0.2
-200
-100
0
100
200
NeutrinoAna/fVertexX

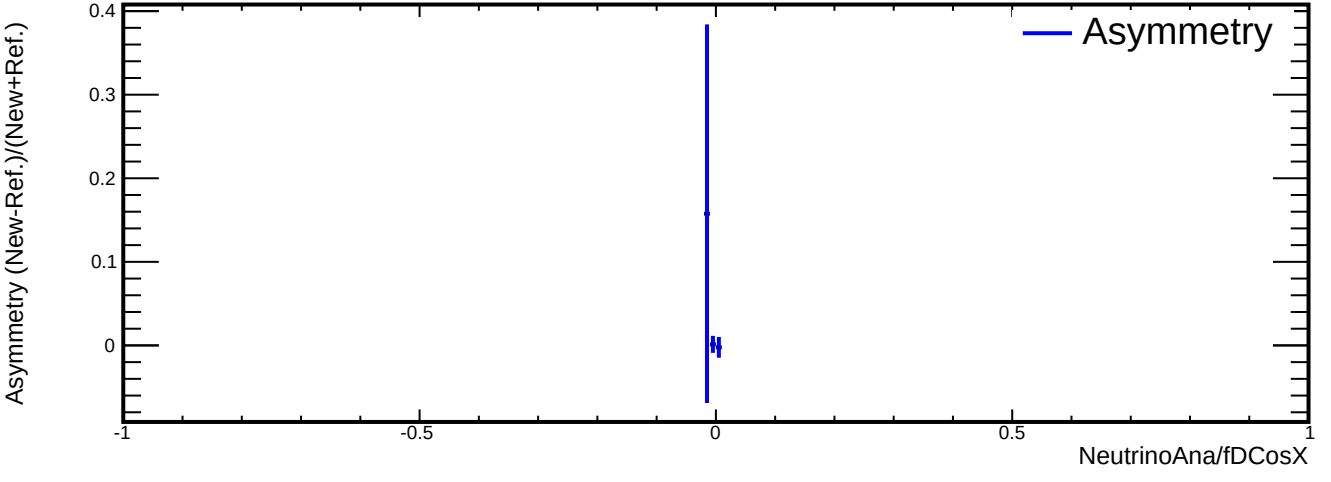

2012-06-15
2012-06-16
Events
150
100
50
0
-400
-200
0
200
400
NeutrinoAna/fVertexY

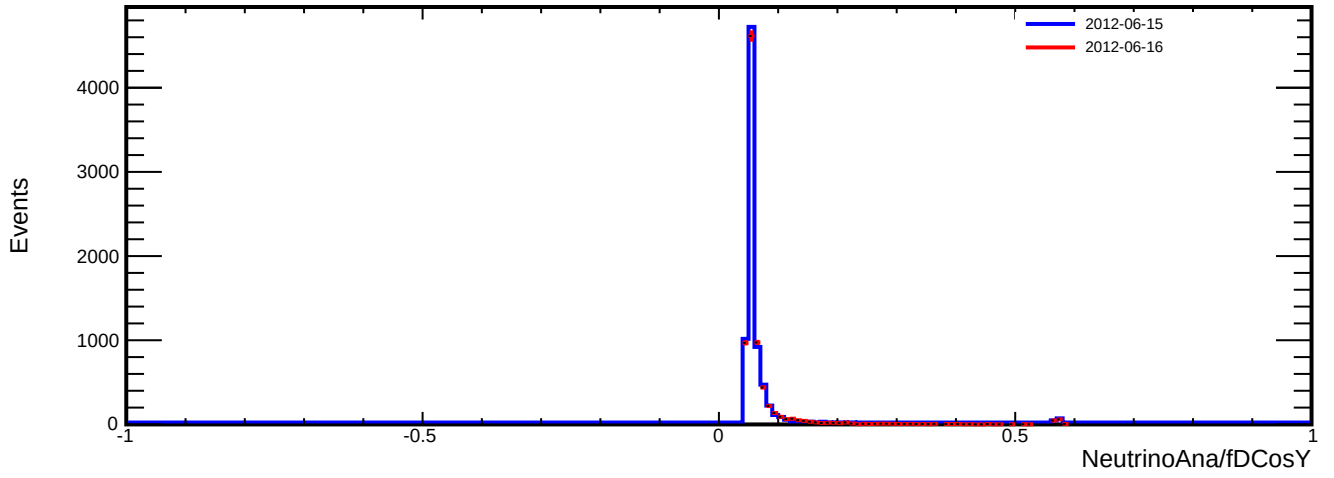

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.6
0.4
0.2
0
-0.2
-400
-200
0
200
400
NeutrinoAna/fVertexY

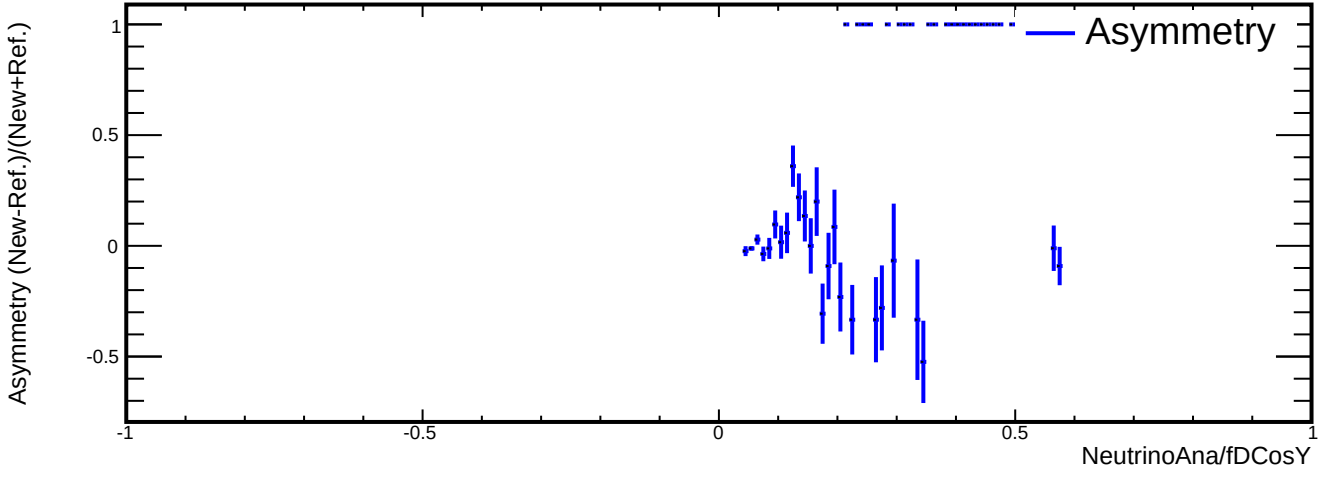

2012-06-15
2012-06-16
Events
0
20
40
60
80
0
1000
2000
NeutrinoAna/fVertexZ

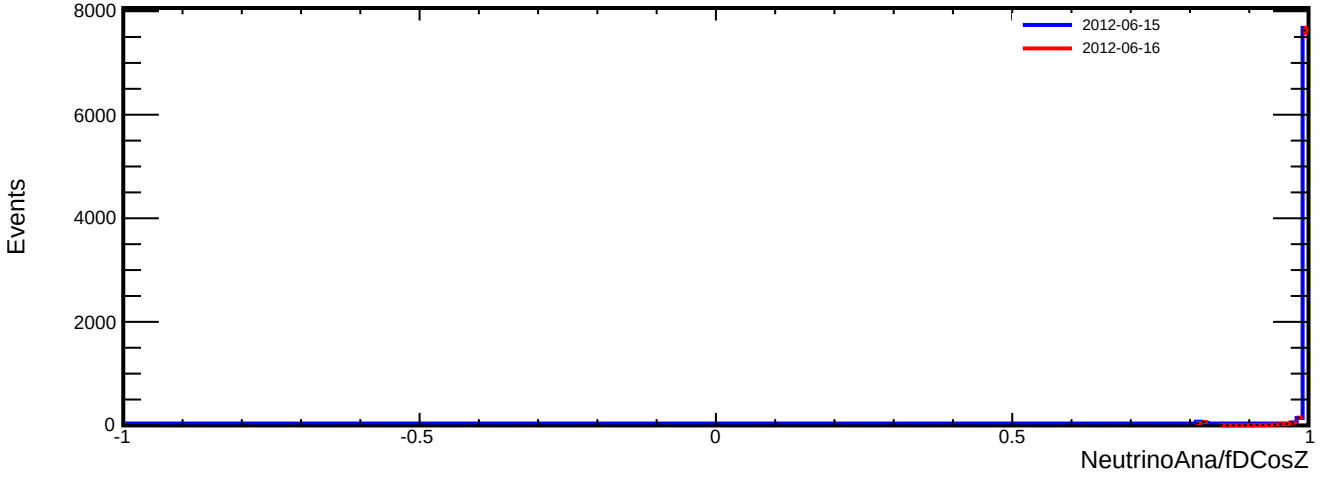

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
0
1000
2000
NeutrinoAna/fVertexZ

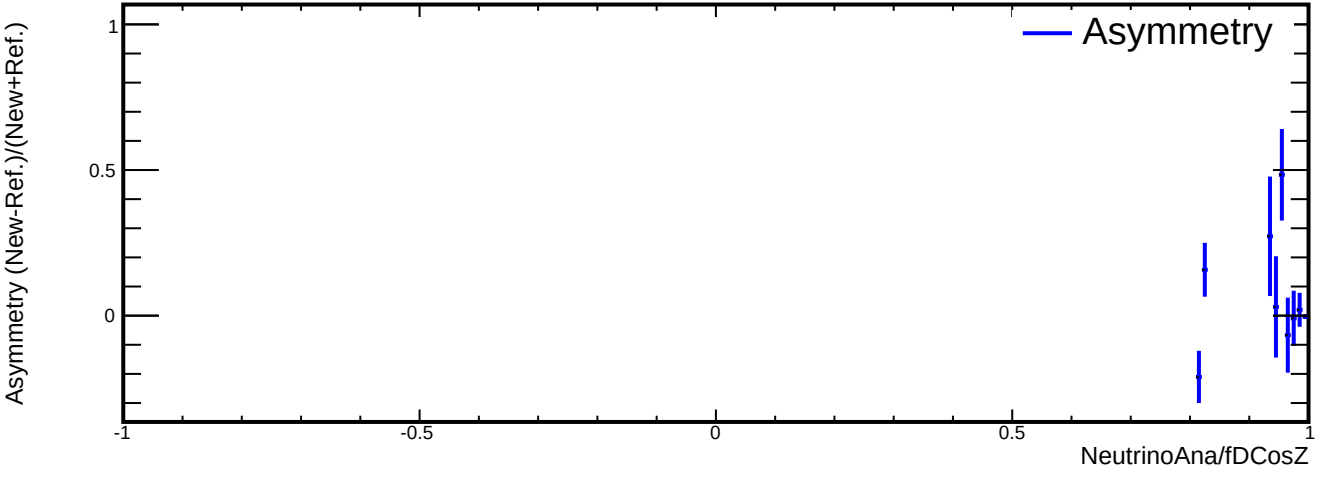

Events
5000
4000
3000
2000
1000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosX
2012-06-15
2012-06-16

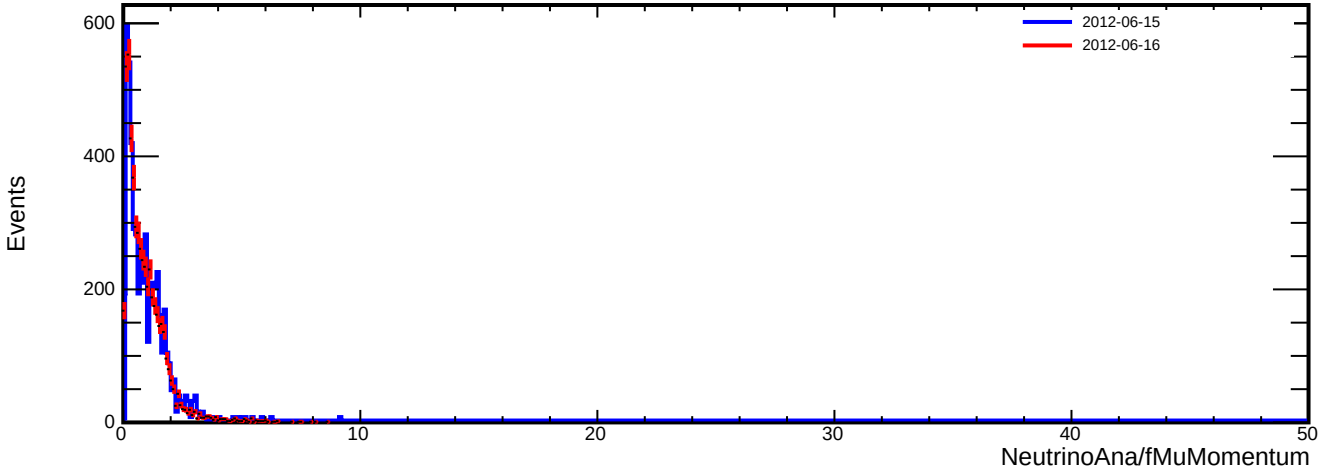

Asymmetry (New-Ref.)/(New+Ref.)
0.4
0.3
0.2
0.1
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosX
Asymmetry

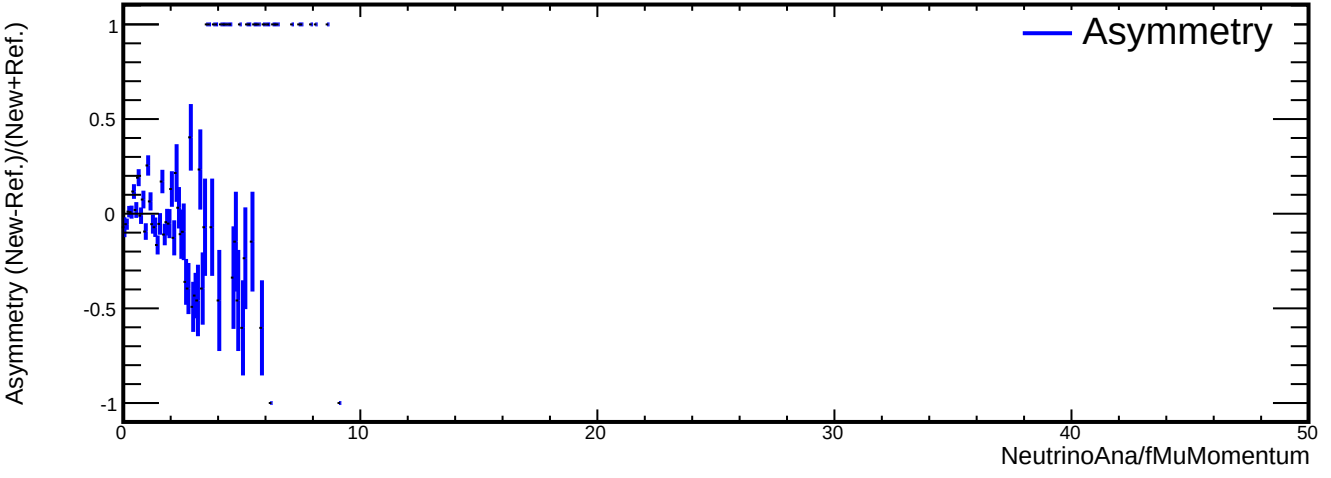

2012-06-15
2012-06-16
Events
4000
3000
2000
1000
0
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY

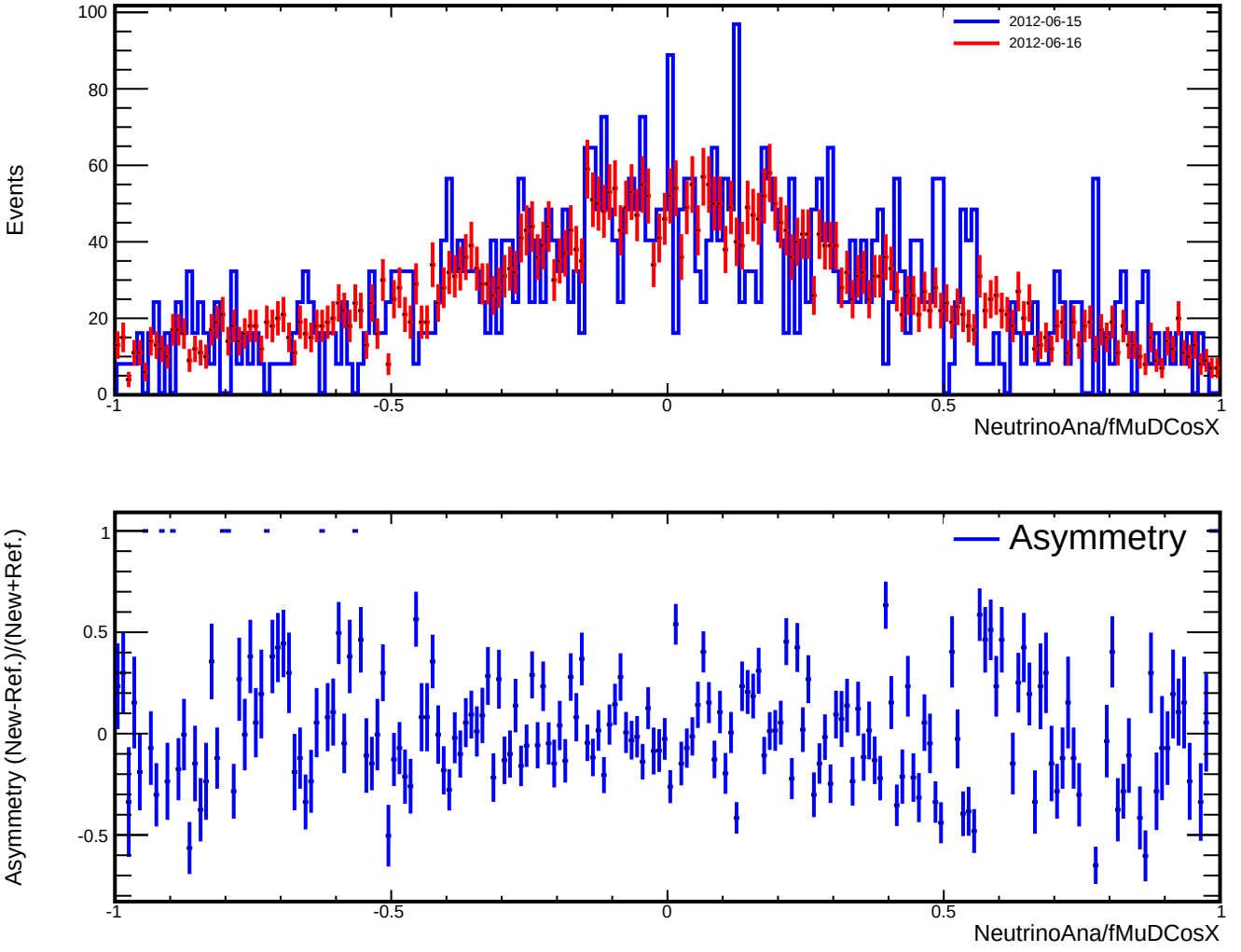

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosY

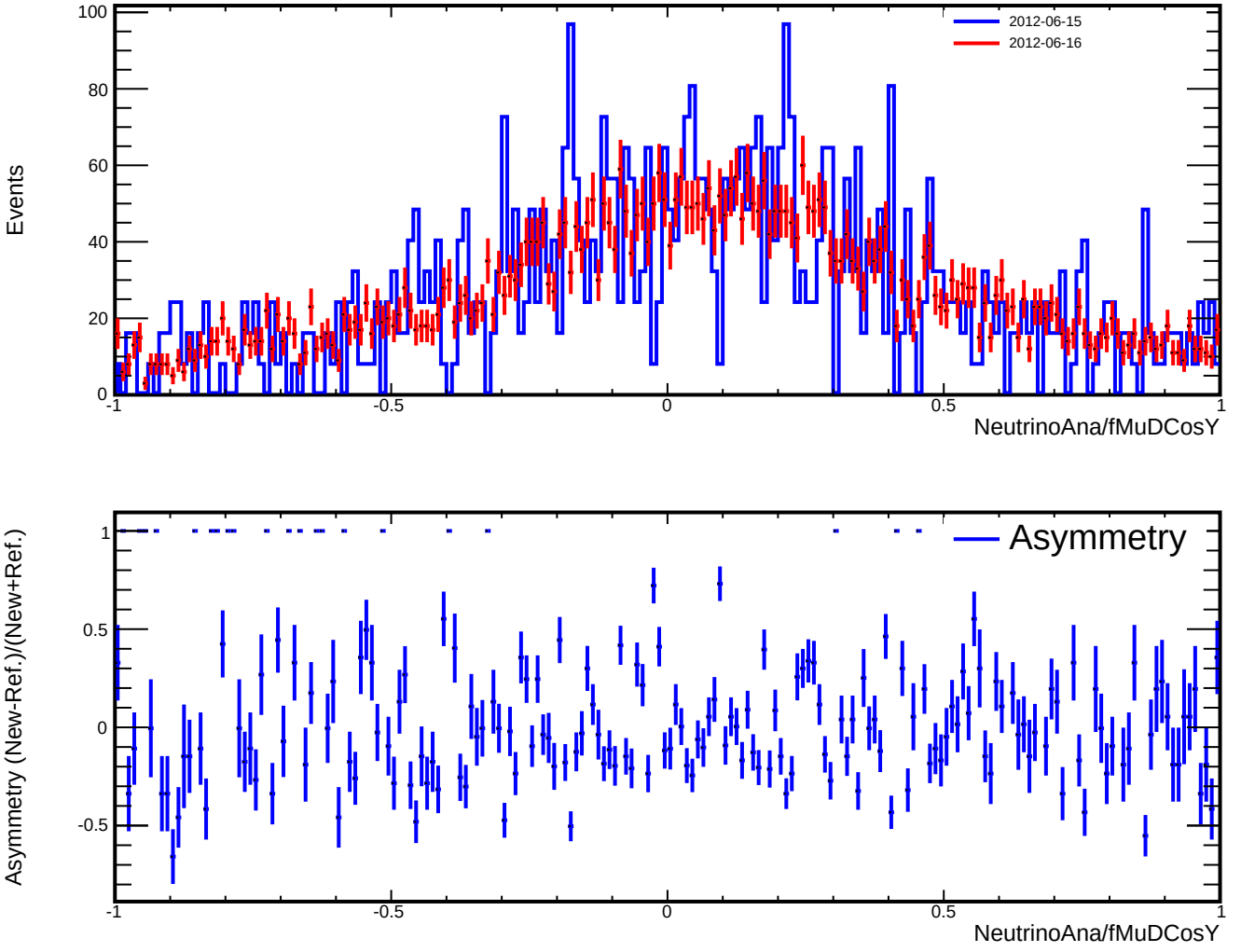

8000
6000
4000
2000
0
Events
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
2012-06-15
2012-06-16

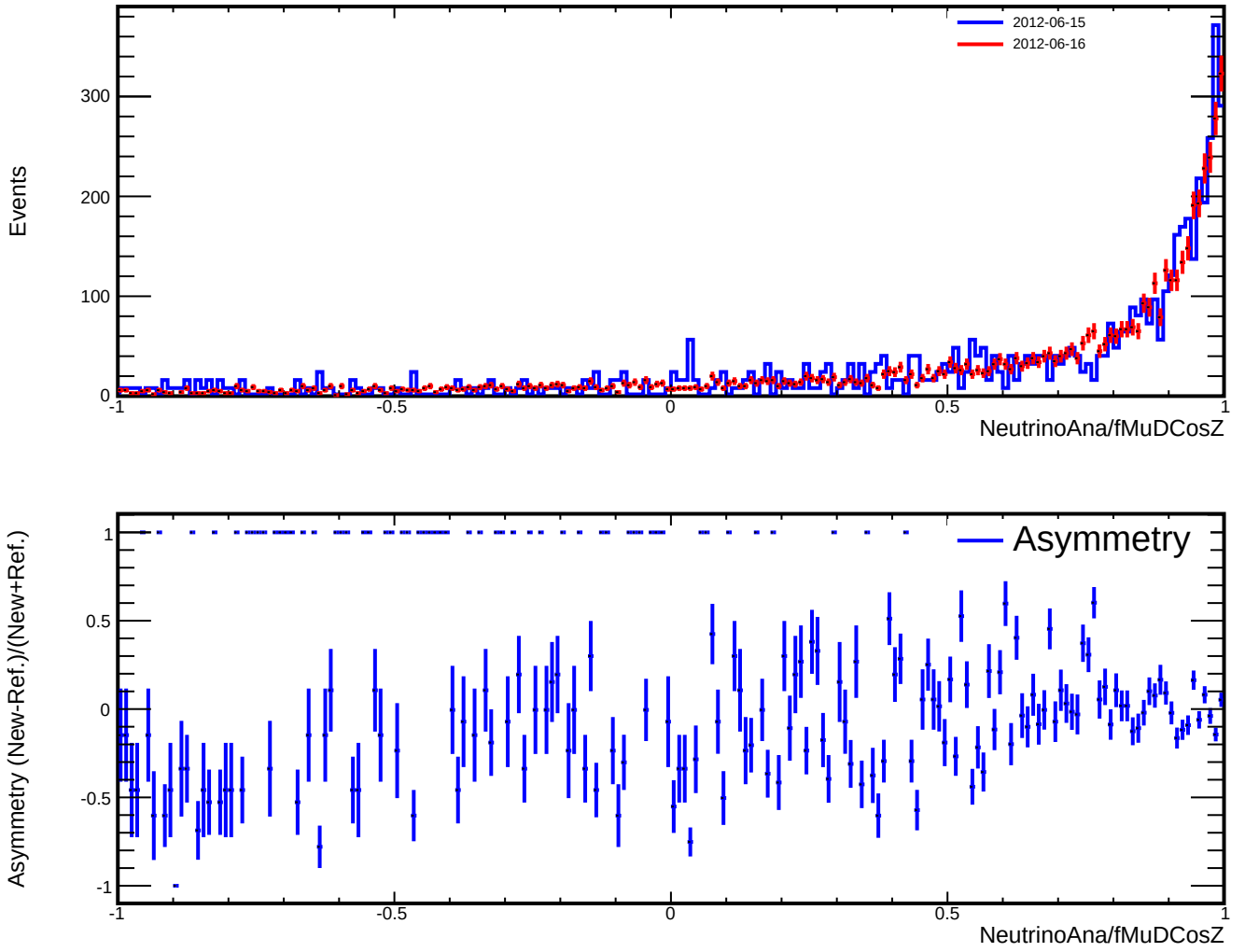

1
0.5
0
Asymmetry (New-Ref.)/(New+Ref.)
-1
-0.5
0
0.5
1
NeutrinoAna/fDCosZ
Asymmetry

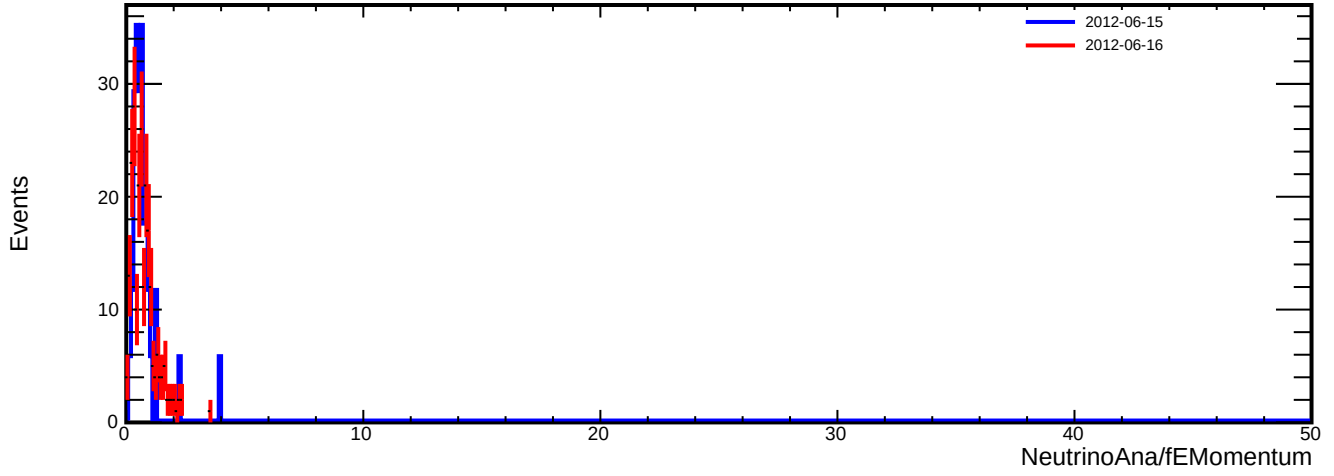

2012-06-15
2012-06-16
Events
600
400
200
0
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

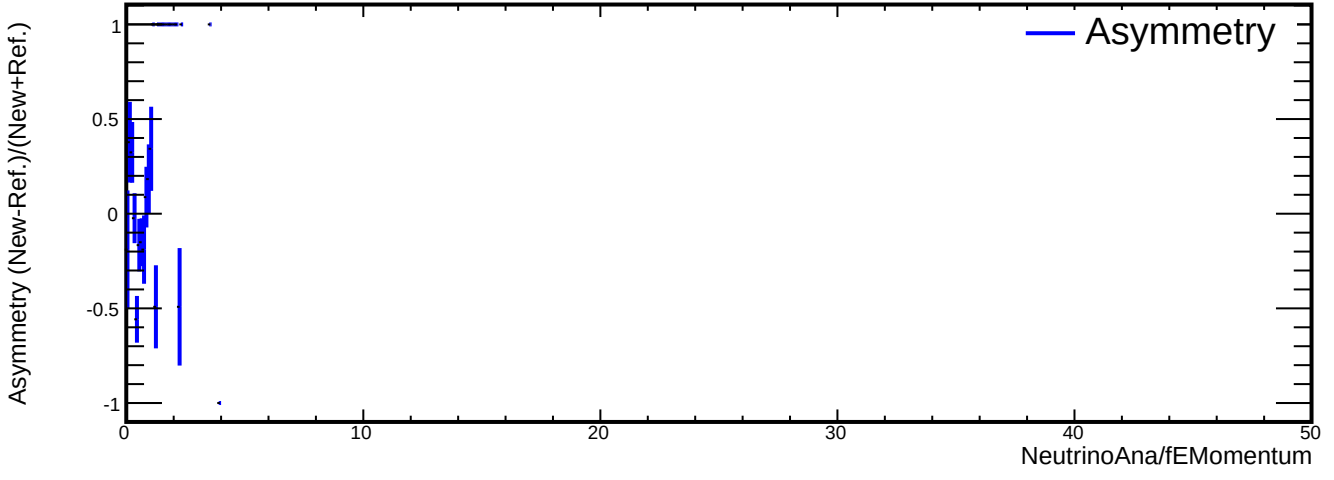

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fMuMomentum

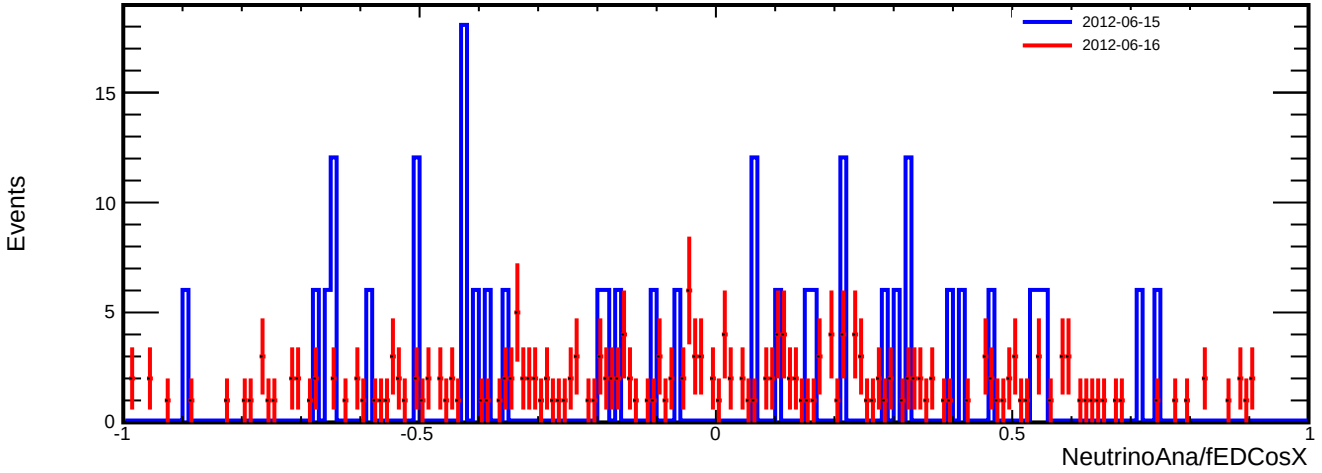

2012-06-15
2012-06-16
Events
NeutrinoAna/fMuDCosX
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
NeutrinoAna/fMuDCosX

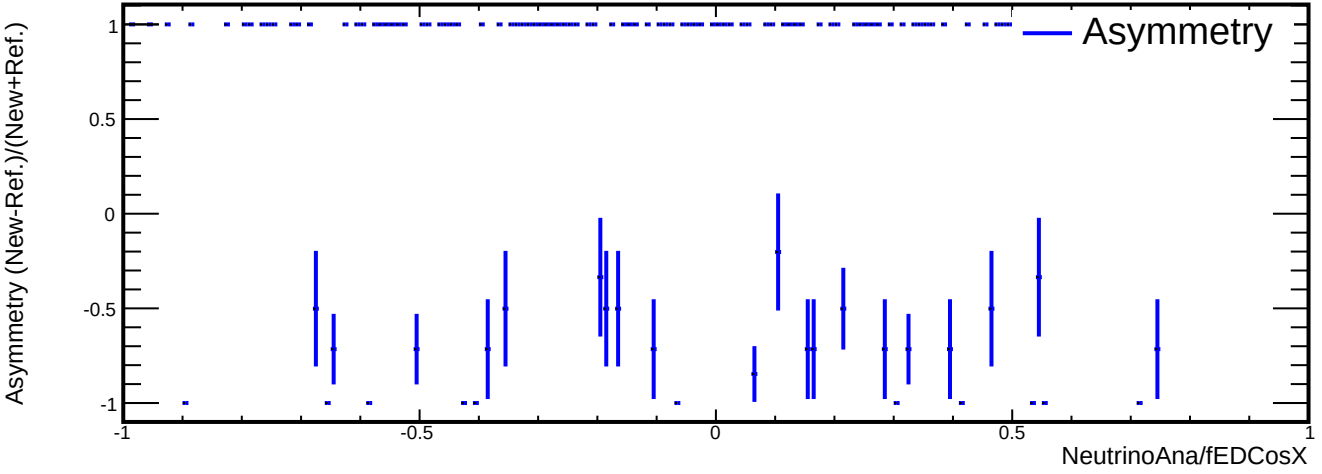

Events
100
80
60
40
20
0
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosY
2012-06-15
2012-06-16
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
Asymmetry
NeutrinoAna/fMuDCosY

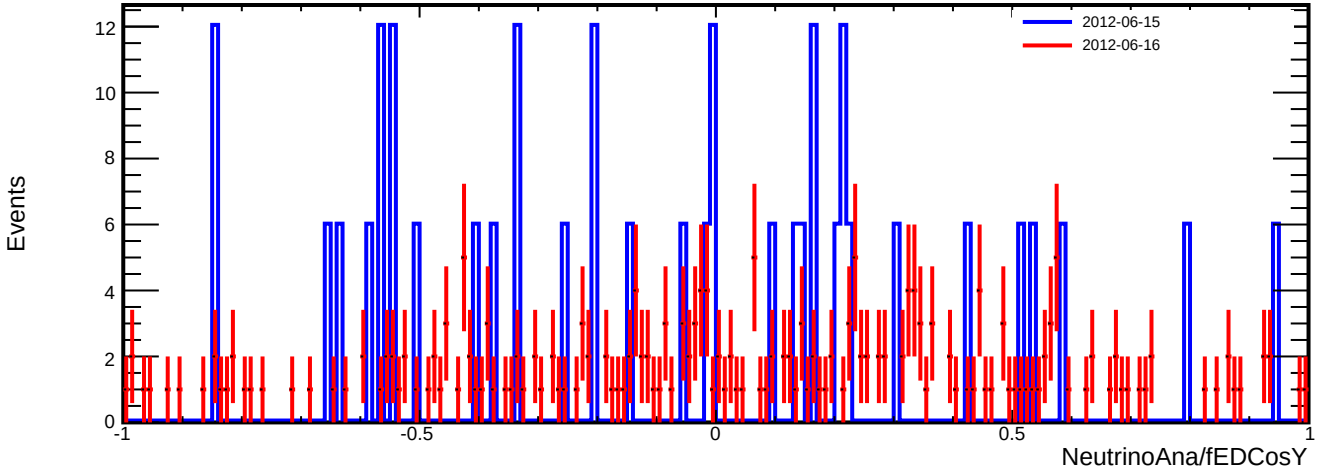

2012-06-15
2012-06-16
Events
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosZ
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fMuDCosZ

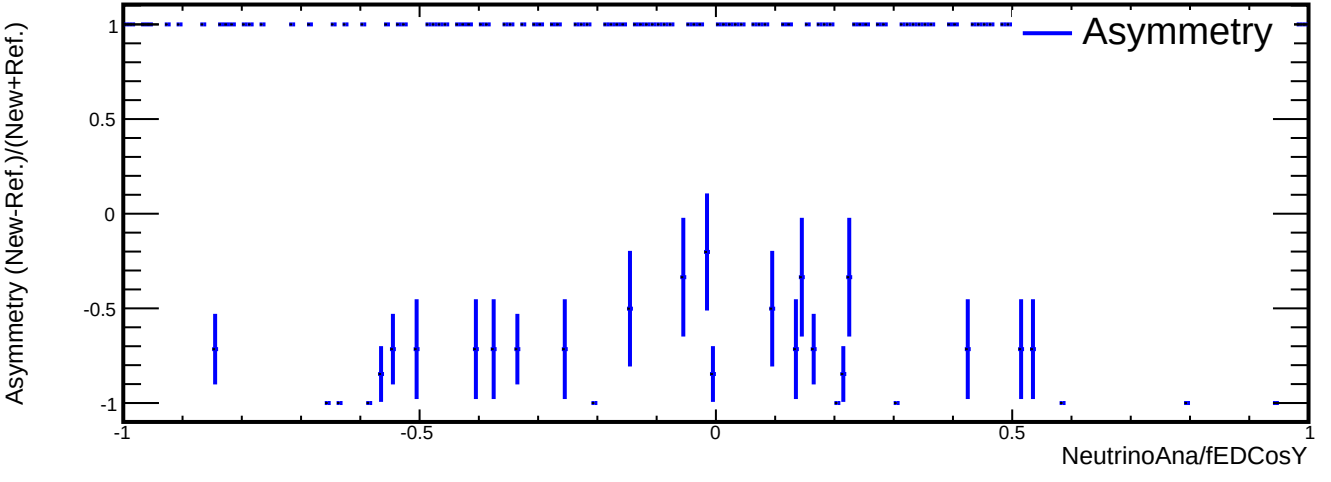

2012-06-15
2012-06-16
Events
0
10
20
30
0
10
20
30
40
50
NeutrinoAna/fEMomentum

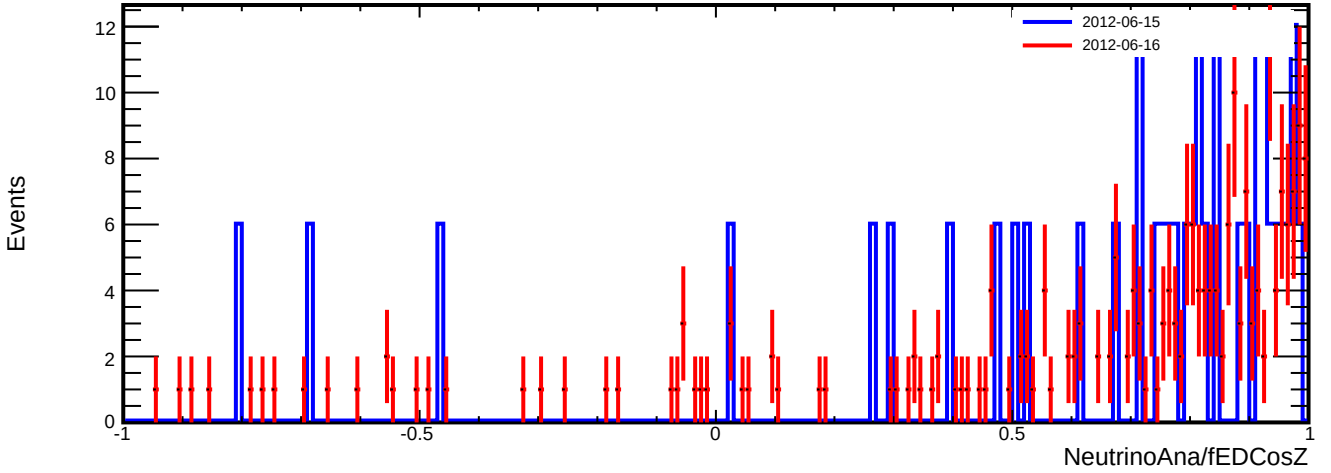

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
10
20
30
40
50
NeutrinoAna/fEMomentum

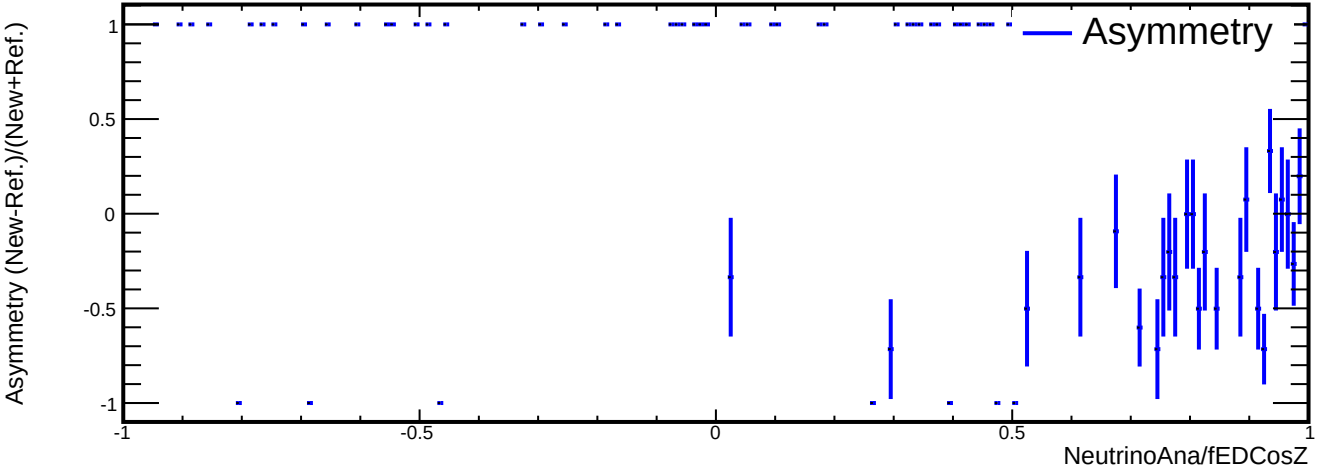

2012-06-15
2012-06-16
Events
0
5
10
15
-1
-0.5
0
0.5
1
NeutrinoAna/fEDCosX

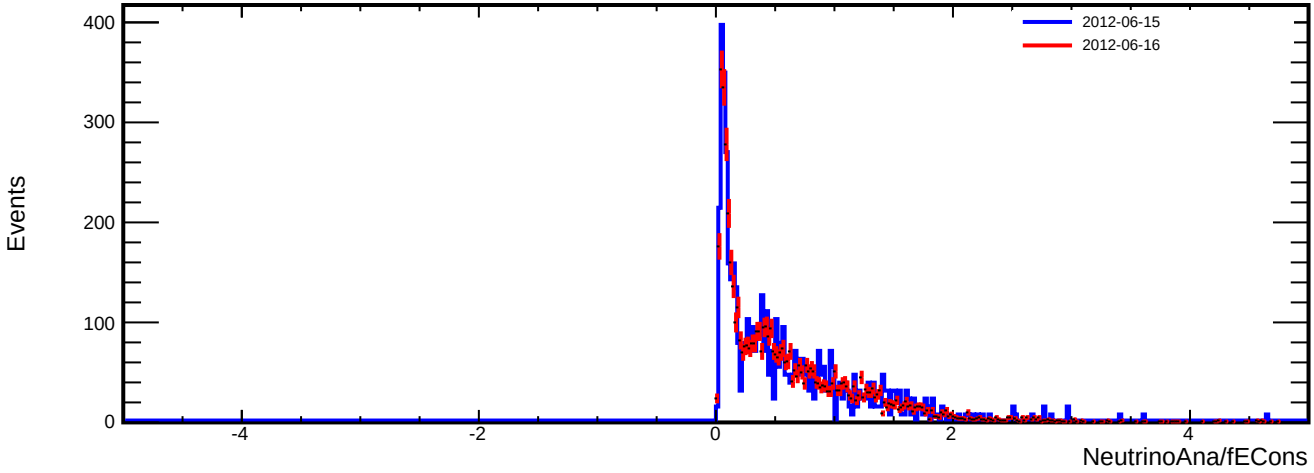

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fEDCosX

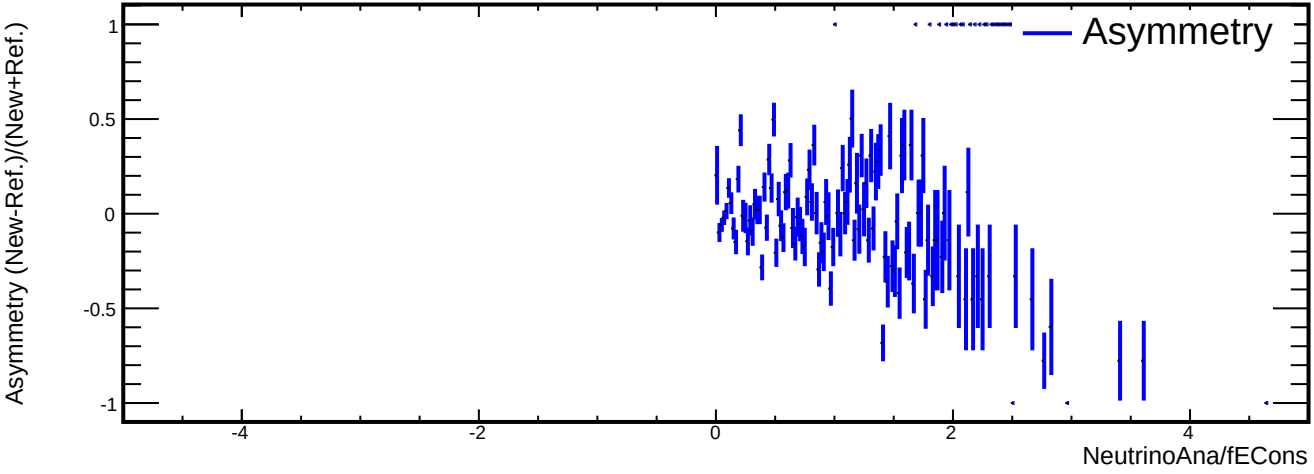

2012-06-15
2012-06-16
Events
NeutrinoAna/fEDCosY

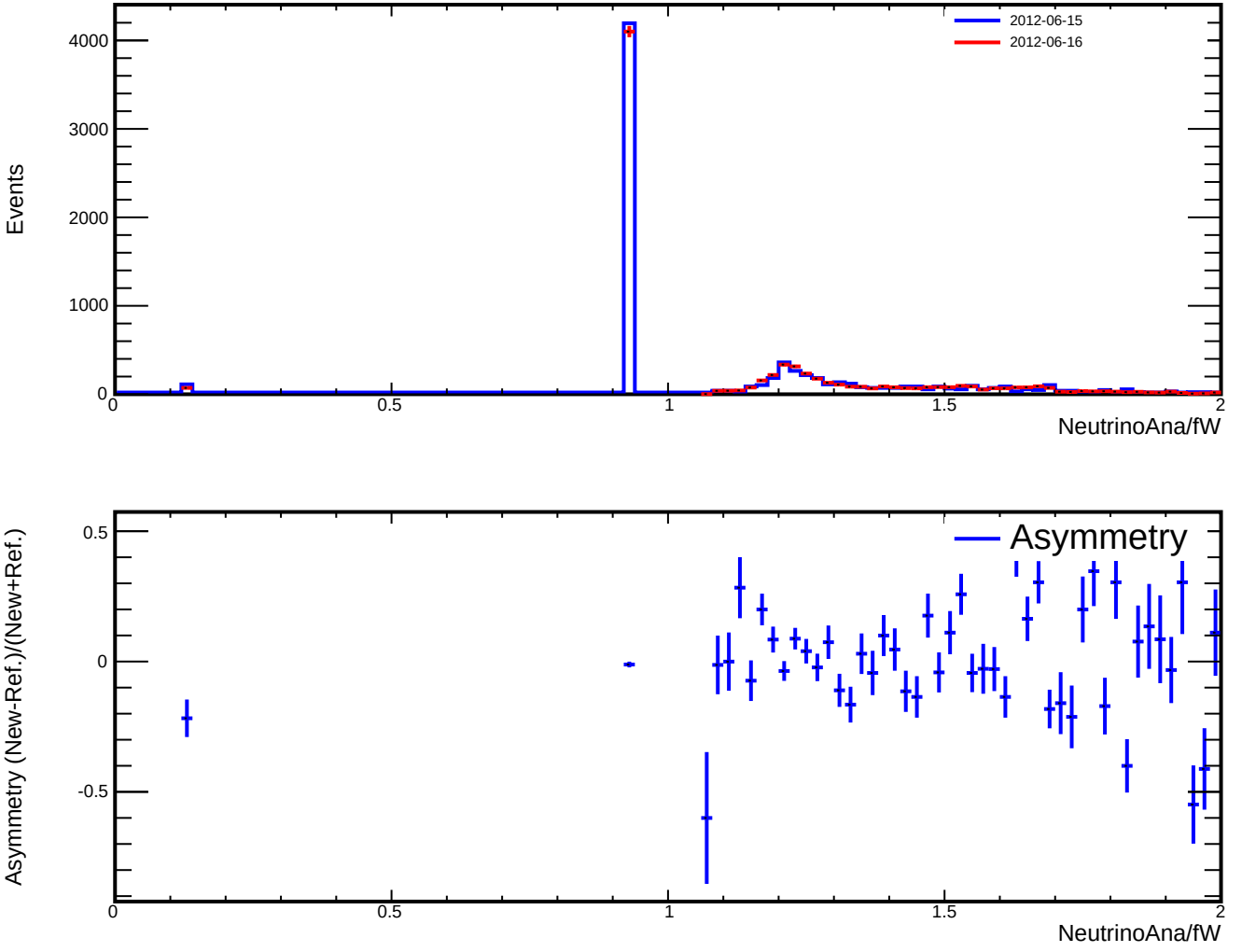

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
NeutrinoAna/fEDCosY

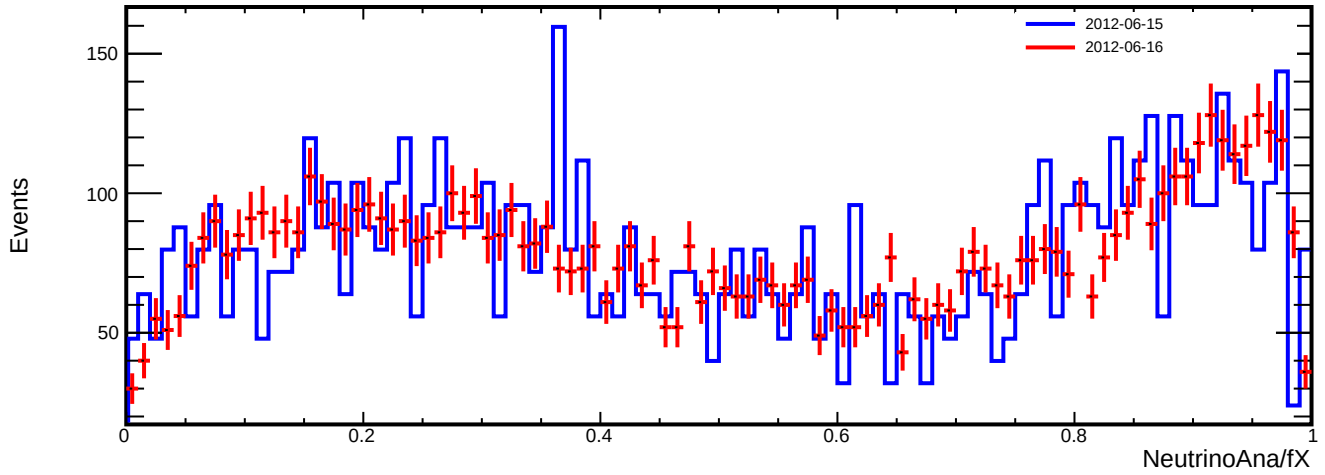

2012-06-15
2012-06-16
Events
NeutrinoAna/fEDCosZ

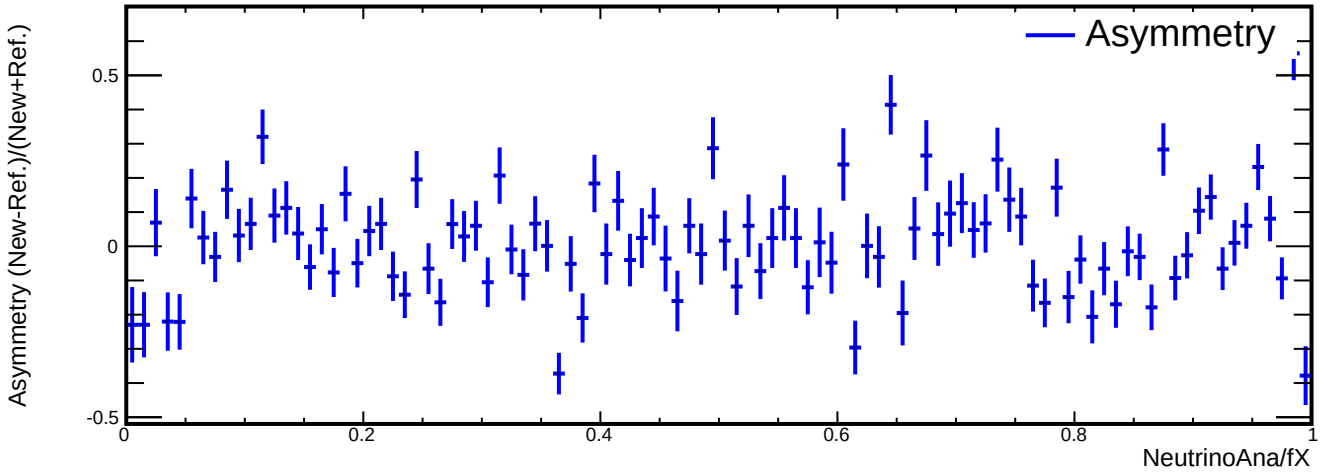

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
NeutrinoAna/fEDCosZ

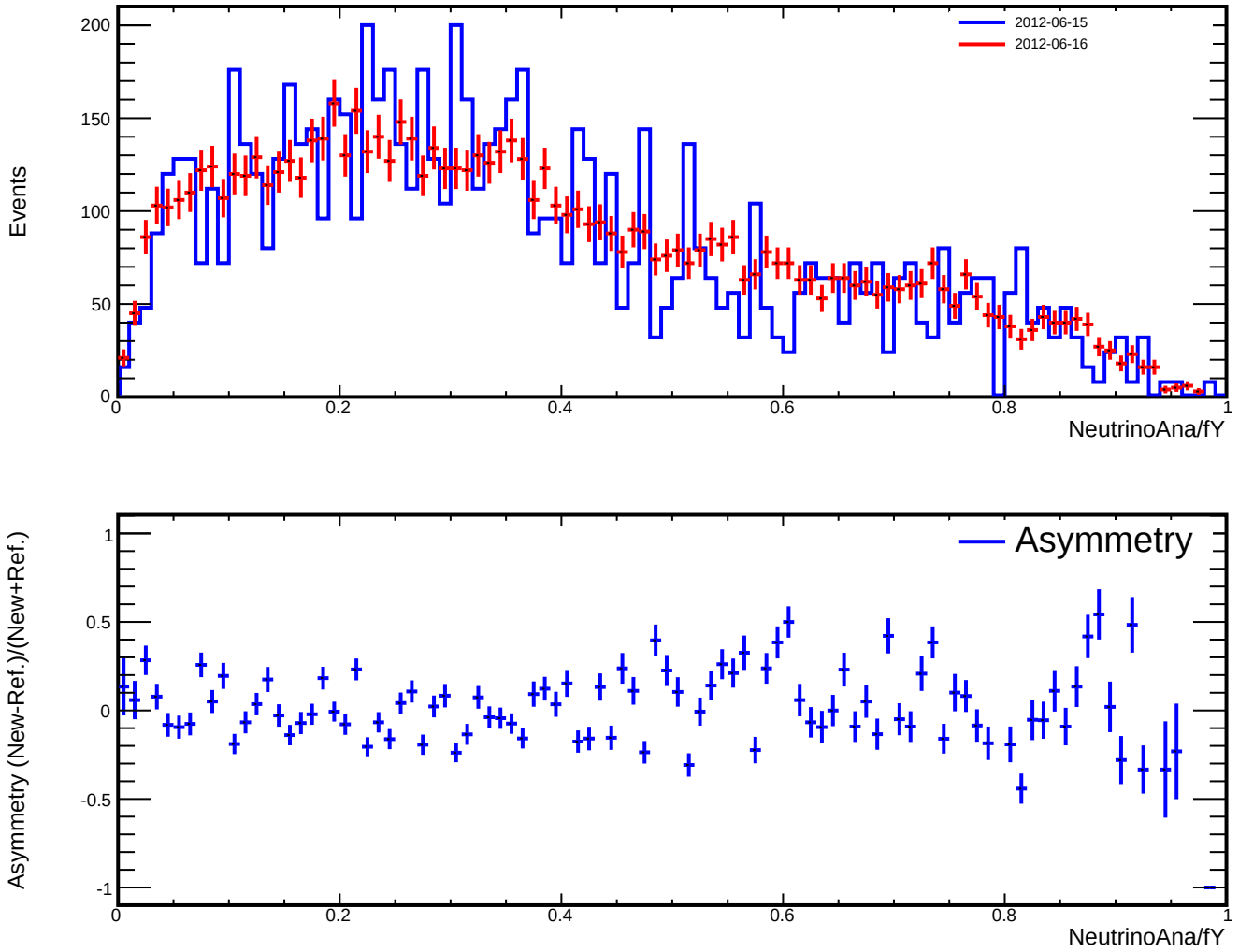

Events
400
300
200
100
0
-4
-2
0
2
4
NeutrinoAna/fECons
2012-06-15
2012-06-16

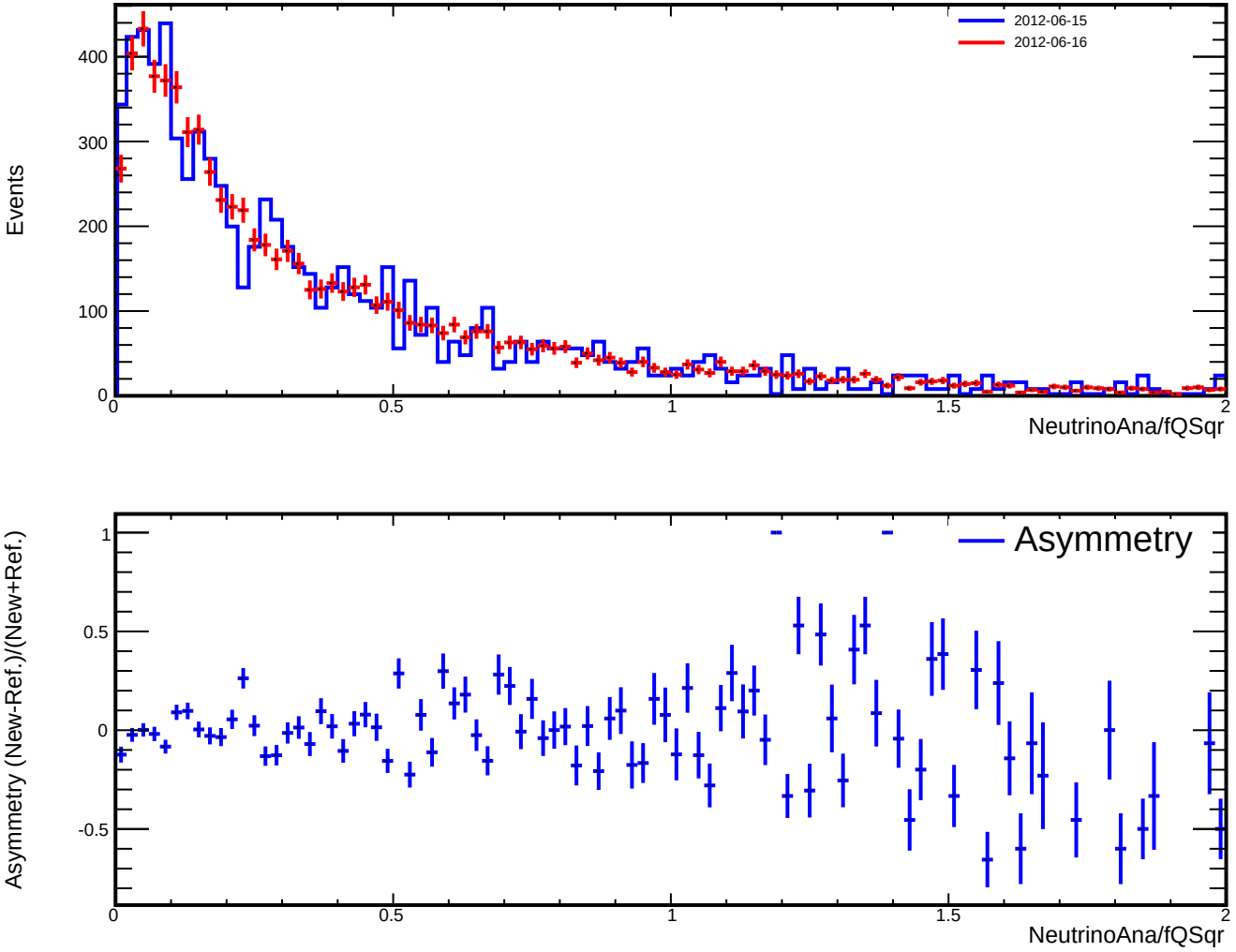

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-4
-2
0
2
4
NeutrinoAna/fECons
Asymmetry

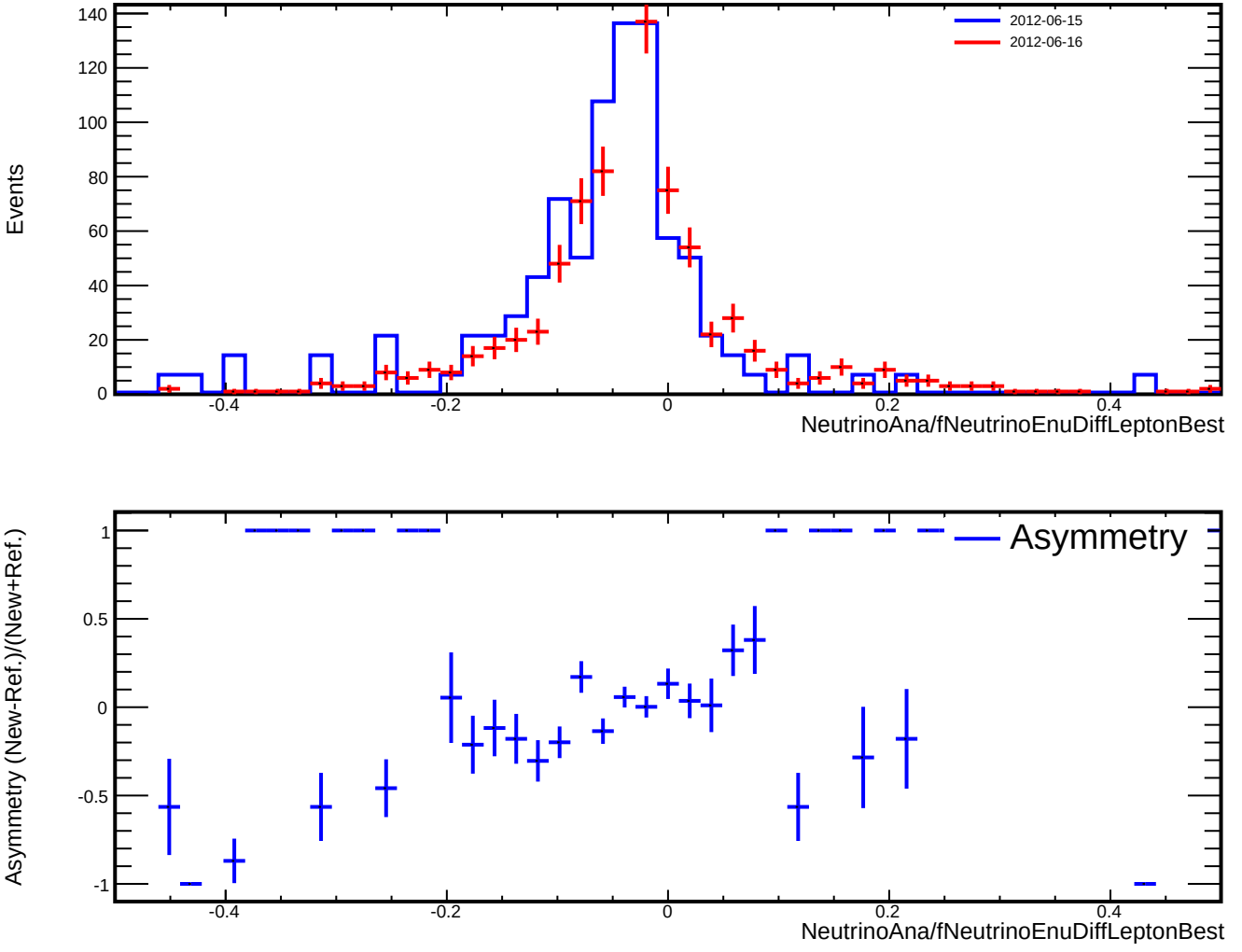

2012-06-15
2012-06-16
Events
4000
3000
2000
1000
0
0
0.5
1
1.5
2
NeutrinoAna/fW
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
0.5
1
1.5
2
NeutrinoAna/fW

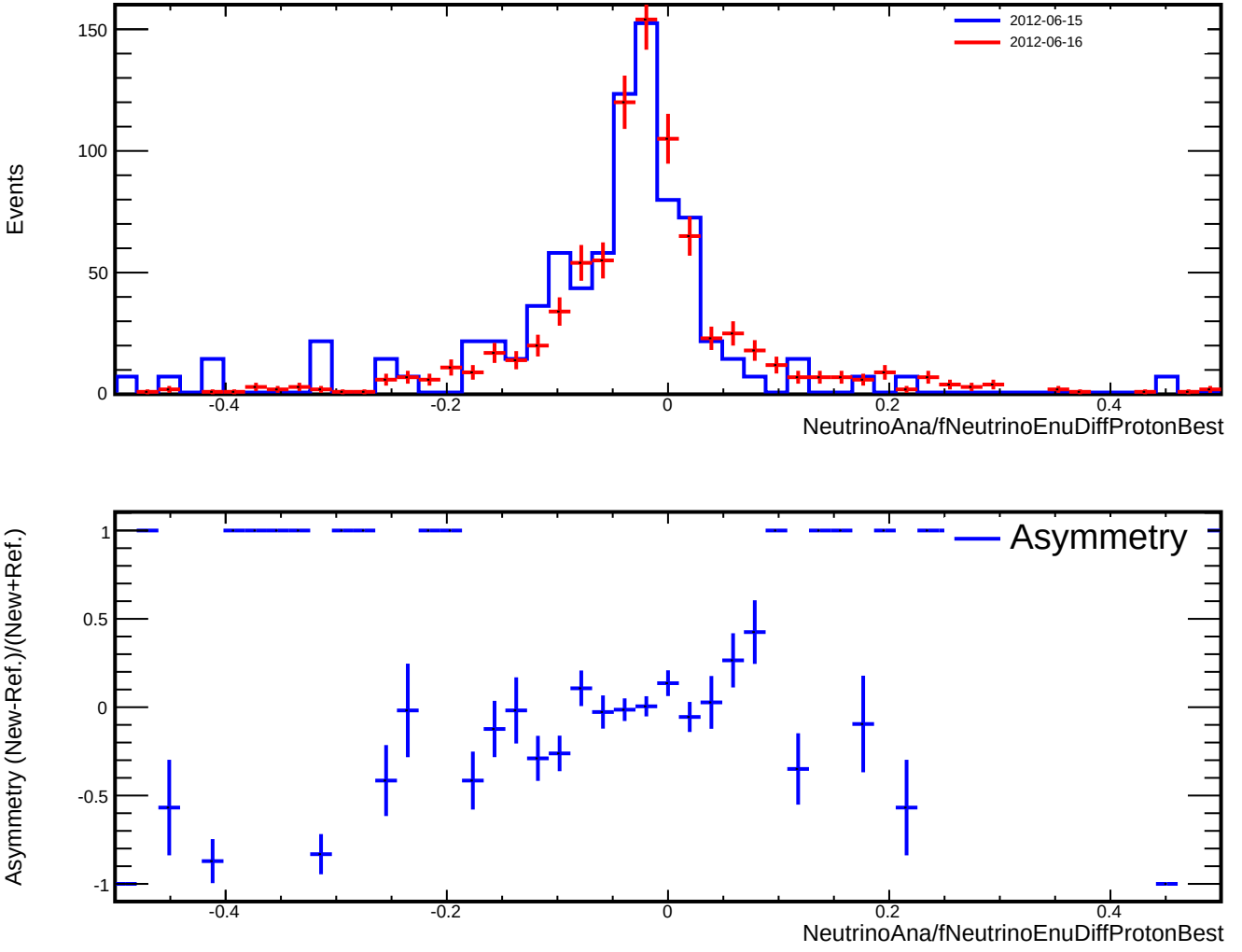

2012-06-15
2012-06-16
Events
150
100
50
0
0.2
0.4
0.6
0.8
1
NeutrinoAna/fX

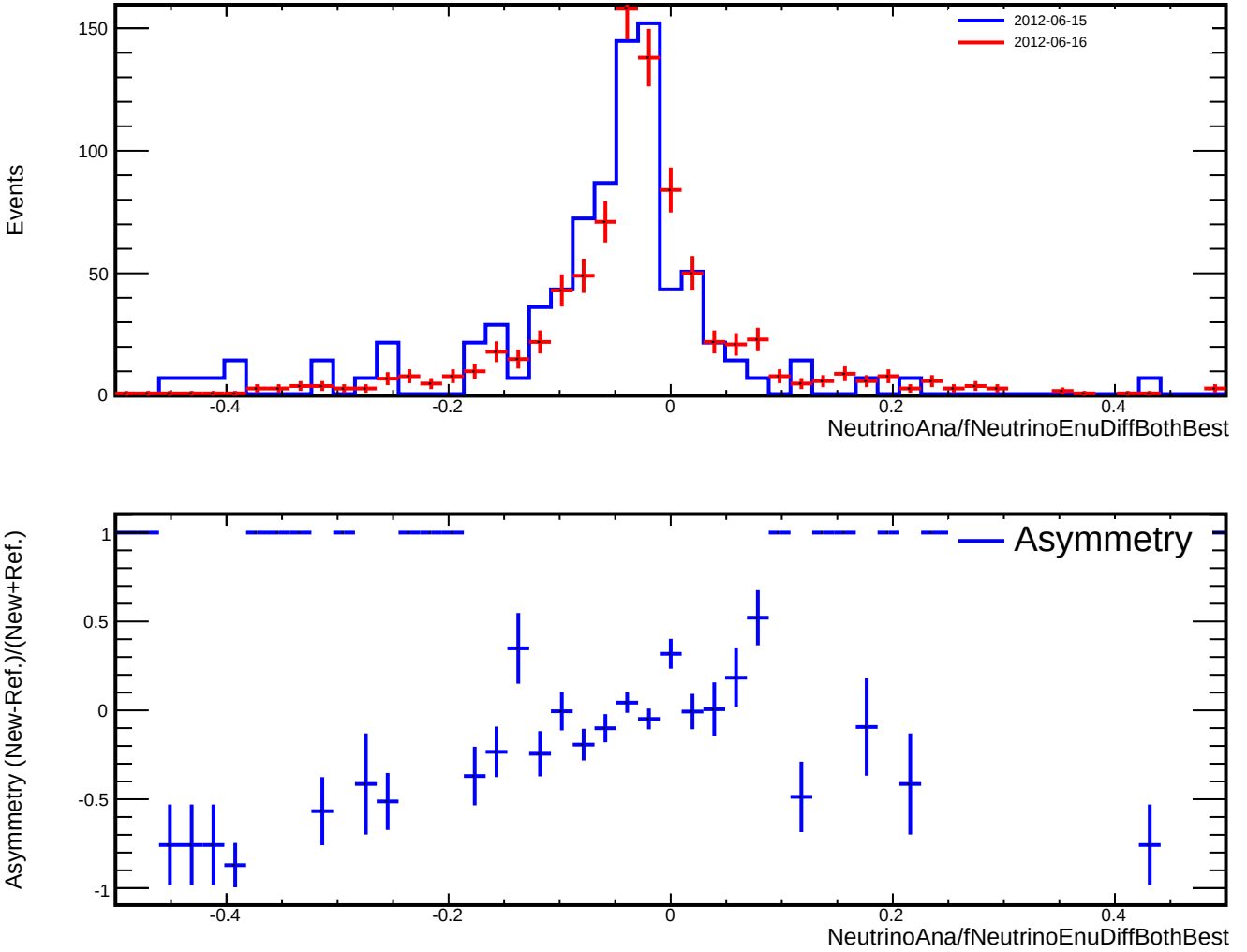

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
0.2
0.4
0.6
0.8
1
NeutrinoAna/fX

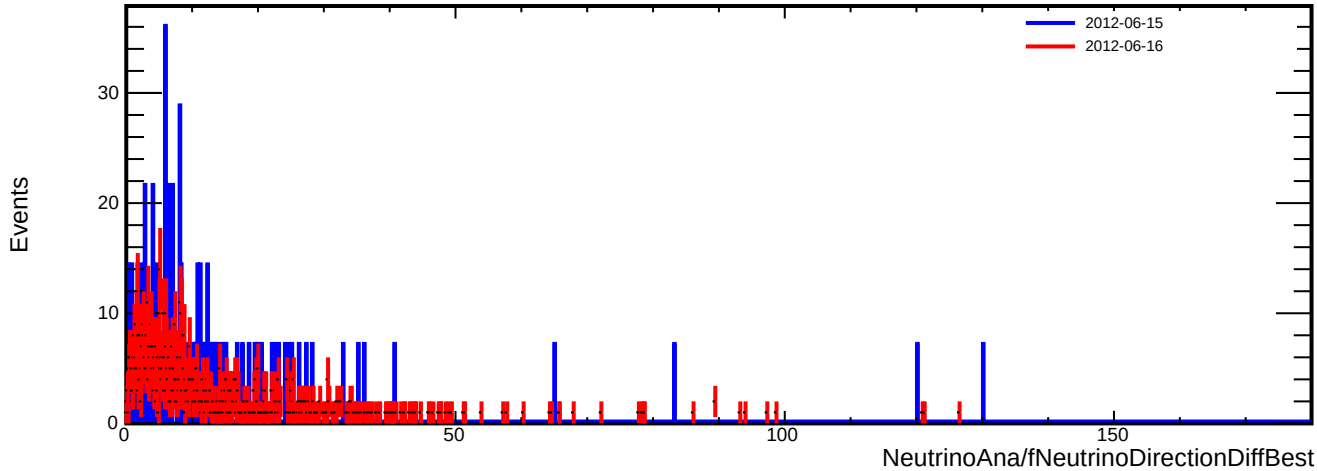

2012-06-15
2012-06-16
Events
NeutrinoAna/fY
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
NeutrinoAna/fY

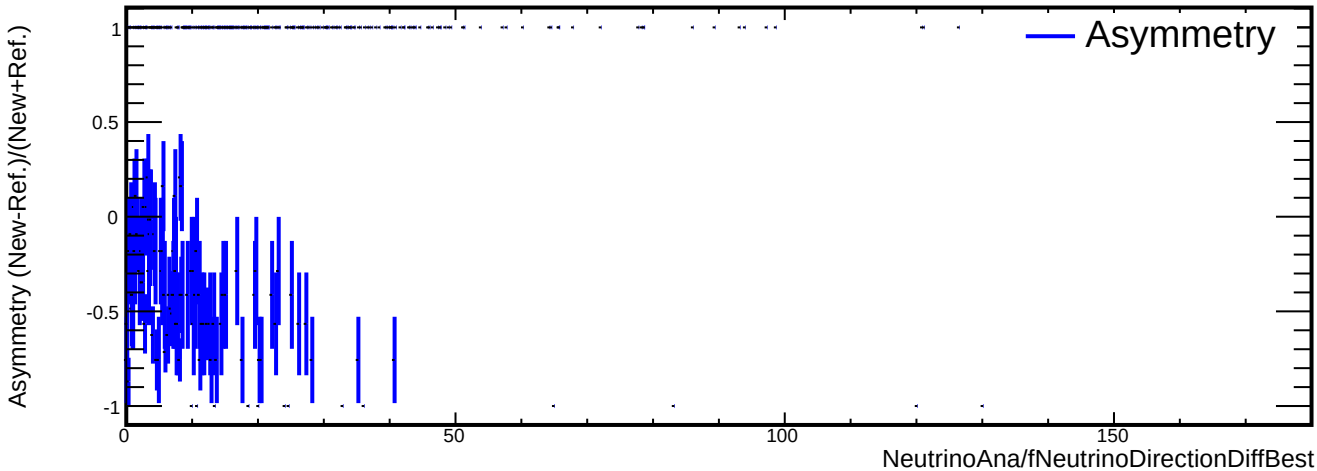

2012-06-15
2012-06-16
Events
NeutrinoAna/fQSqr
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
NeutrinoAna/fQSqr

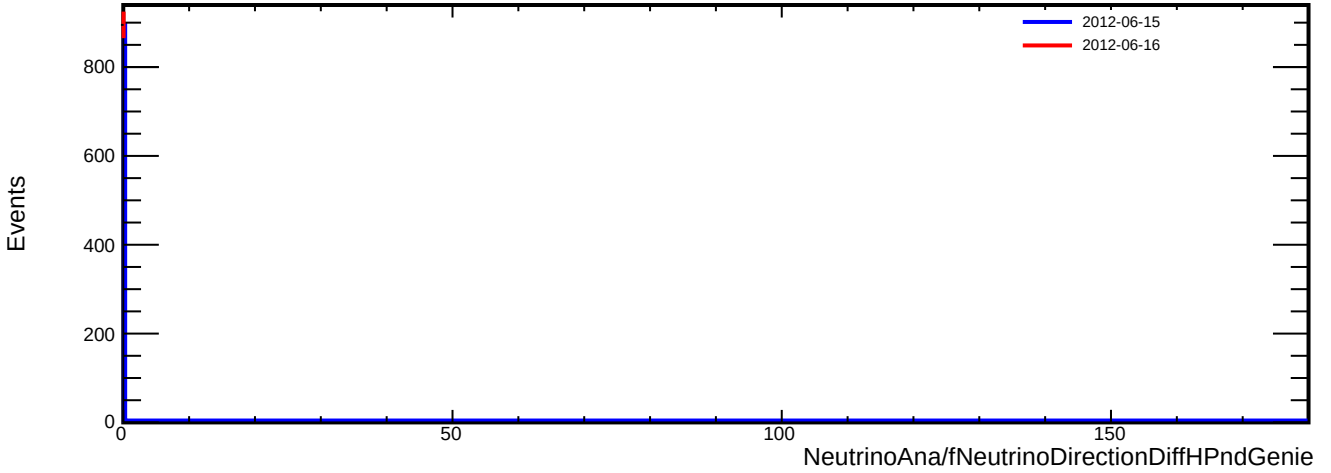

Events
2012-06-15
2012-06-16
NeutrinoAna/fNeutrinoEnuDiffLeptonBest
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
NeutrinoAna/fNeutrinoEnuDiffLeptonBest

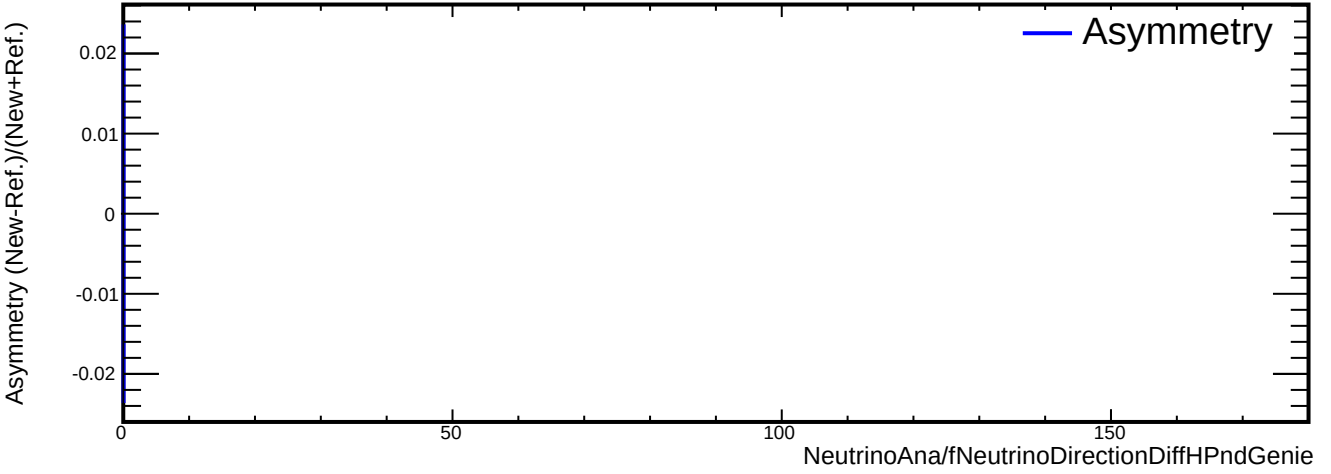

2012-06-15
2012-06-16
Events
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffProtonBest

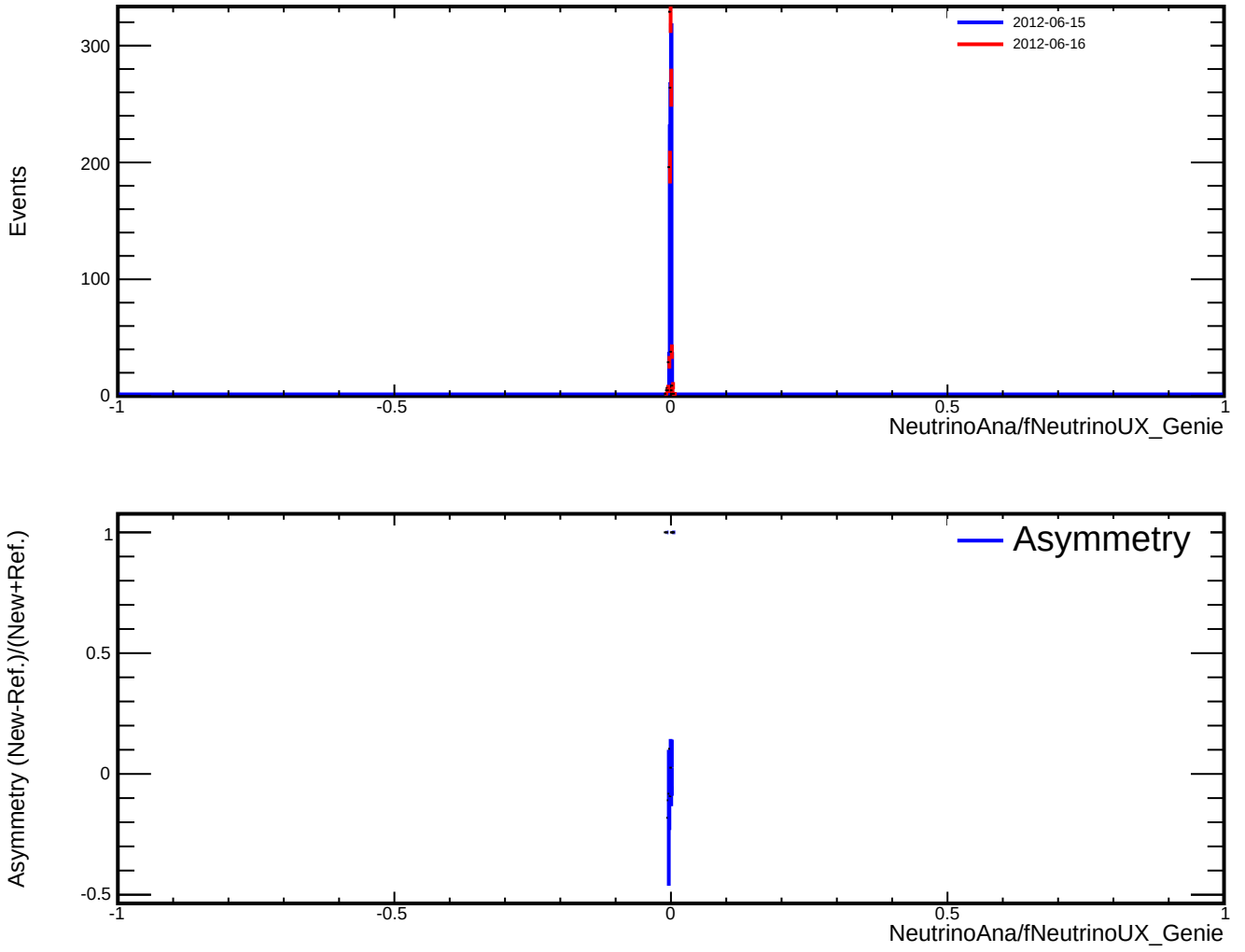

2012-06-15
2012-06-16
Events
150
100
50
0
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
NeutrinoAna/fNeutrinoEnuDiffBothBest

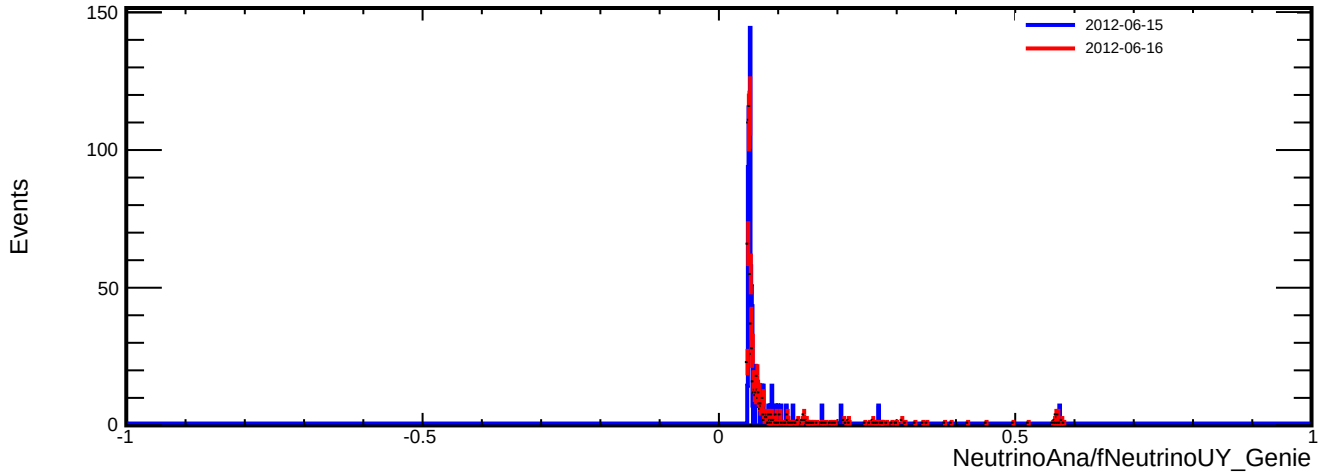

2012-06-15
2012-06-16
Events
0
10
20
30
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffBest

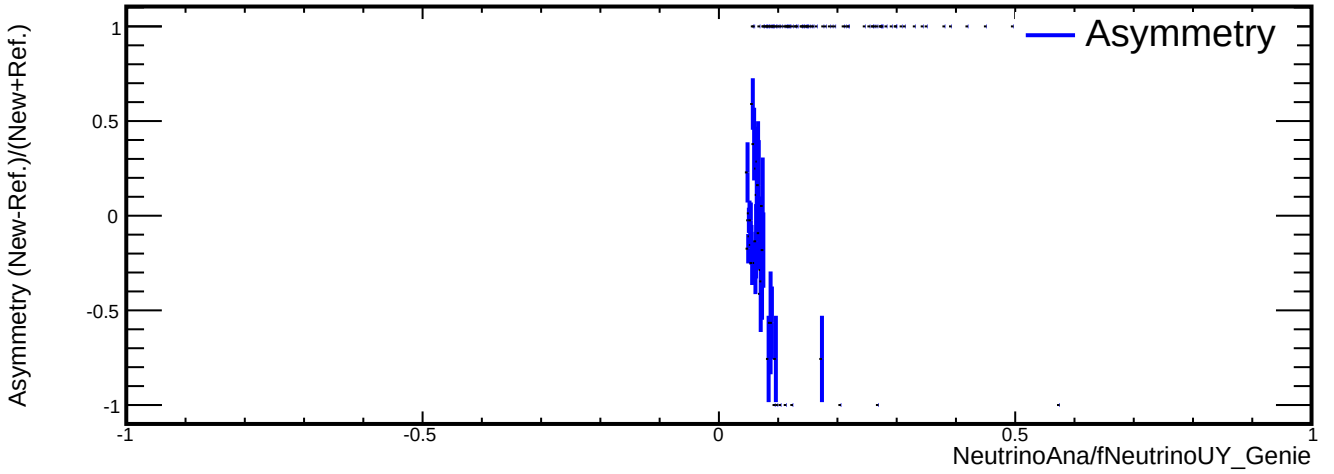

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffBest

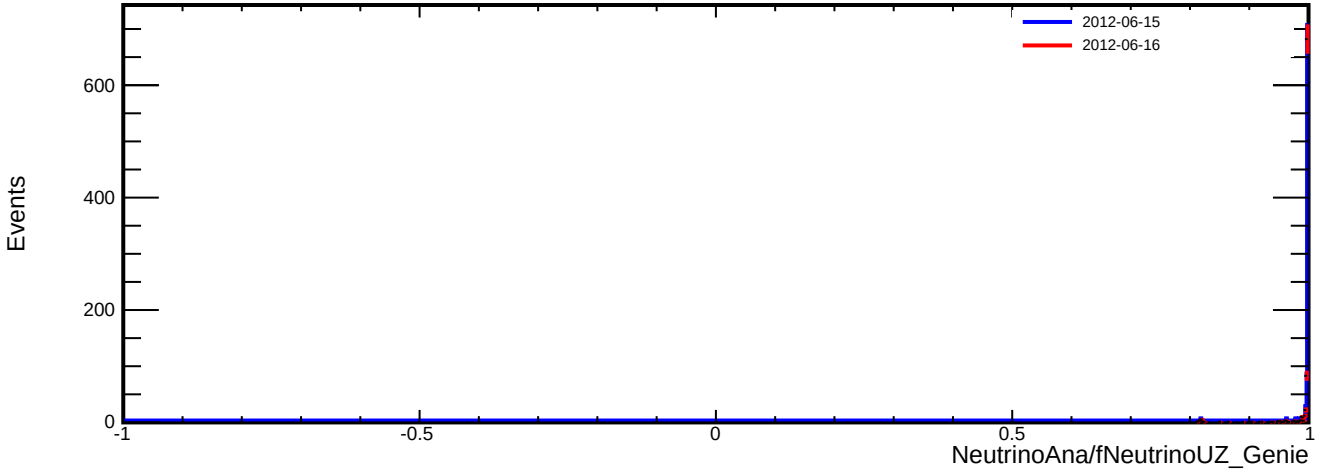

2012-06-15
2012-06-16
Events
800
600
400
200
0
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

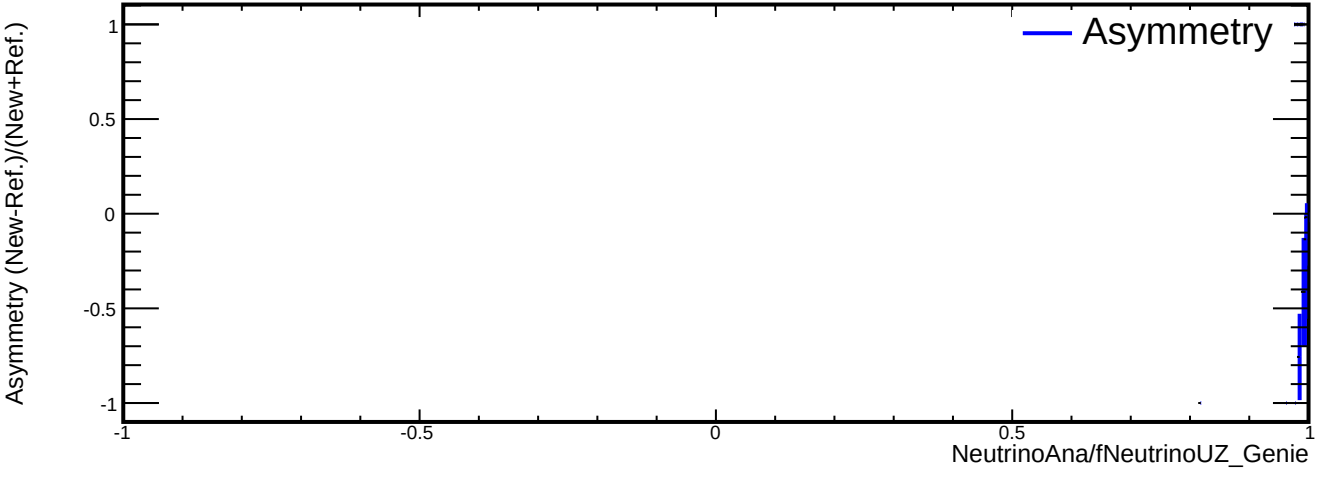

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0.01
0
-0.01
-0.02
0
50
100
150
NeutrinoAna/fNeutrinoDirectionDiffHPndGenie

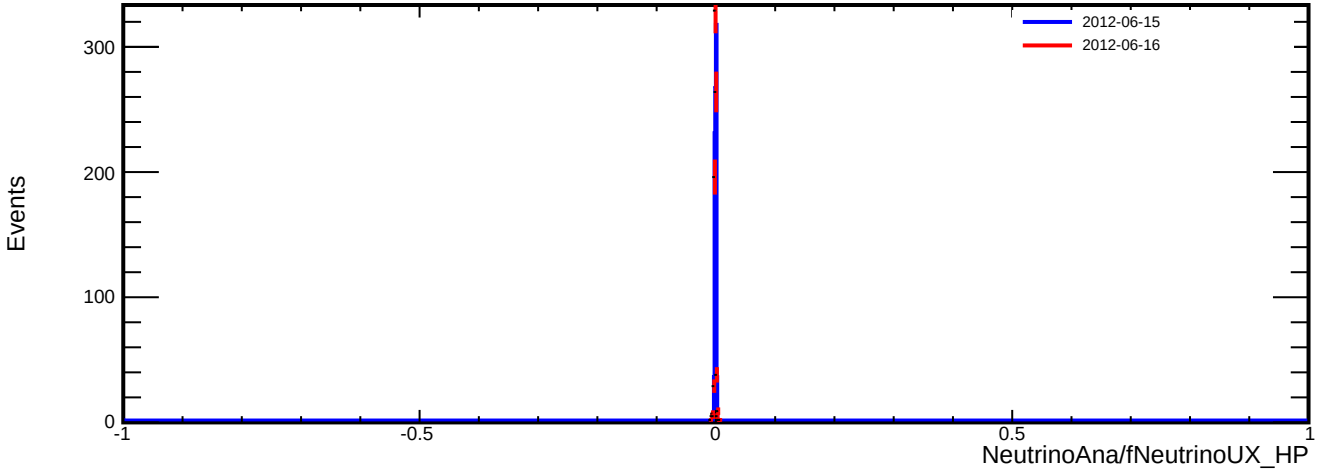

2012-06-15
2012-06-16
Events
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_Genie

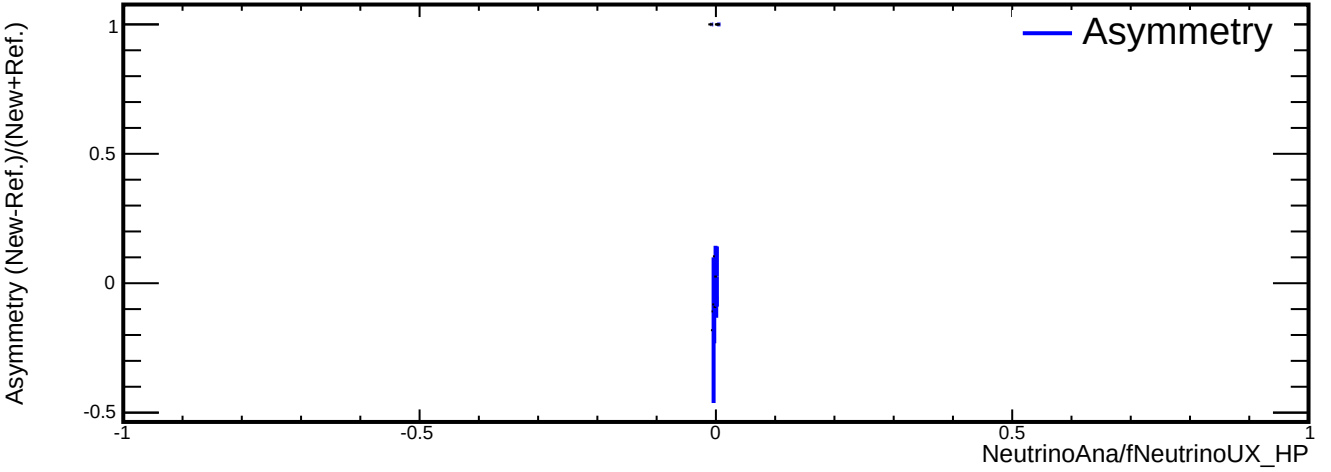

2012-06-15
2012-06-16
Events
150
100
50
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUY_Genie

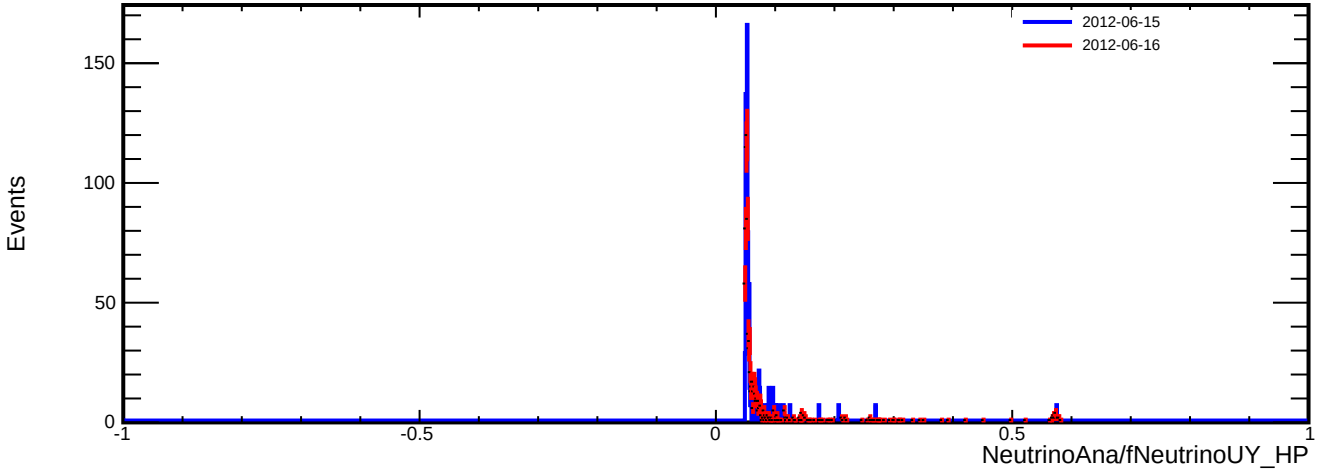

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUY_Genie

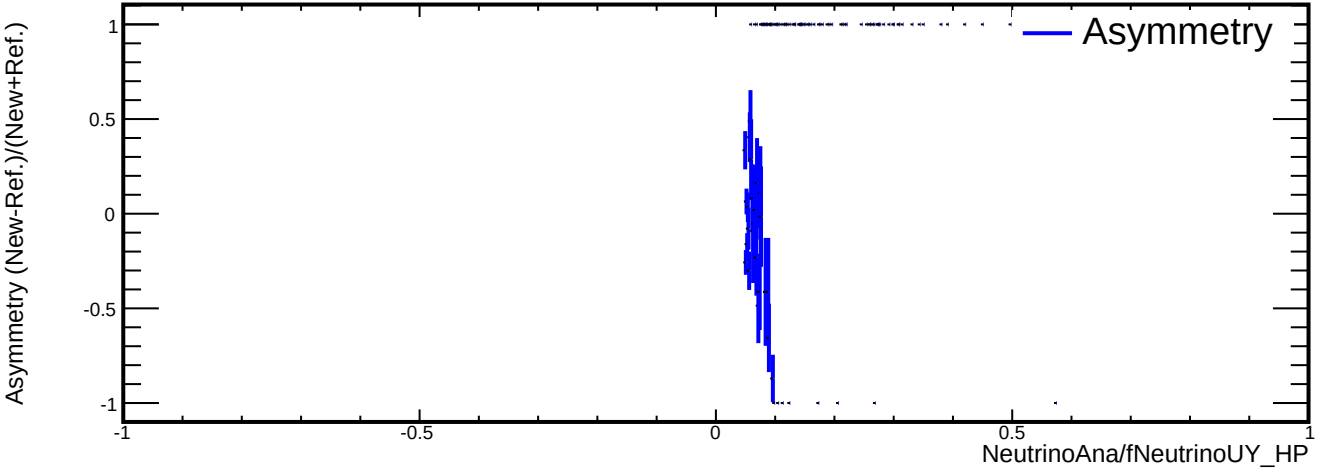

2012-06-15
2012-06-16
Events
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie

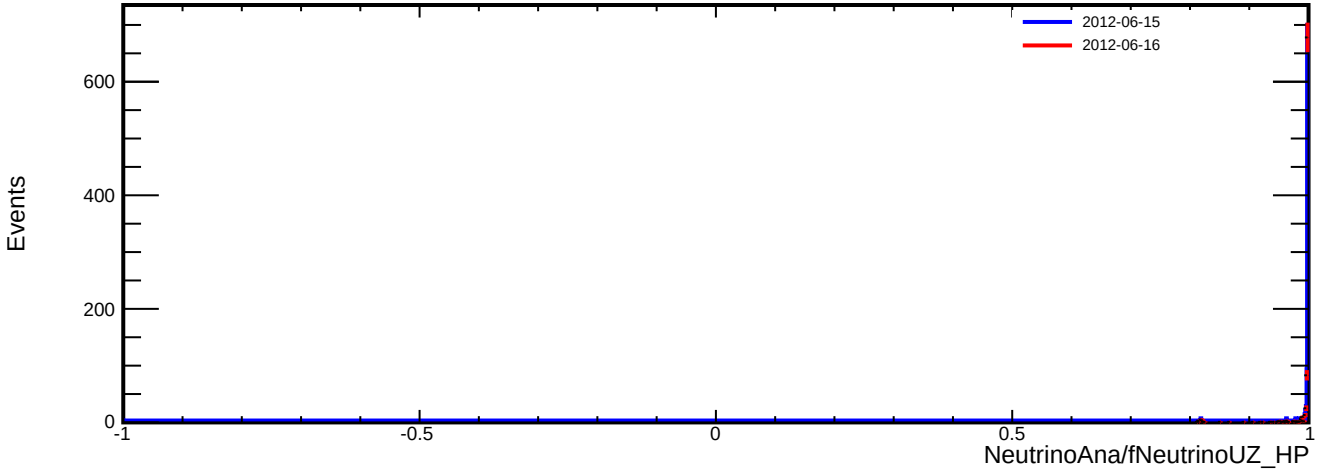

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_Genie

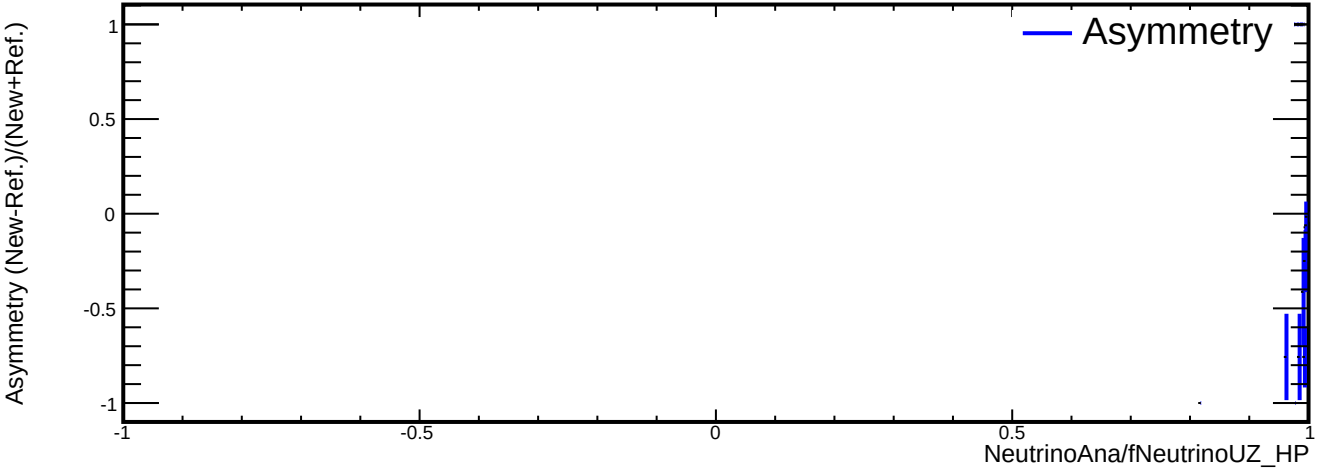

2012-06-15
2012-06-16
Events
300
200
100
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

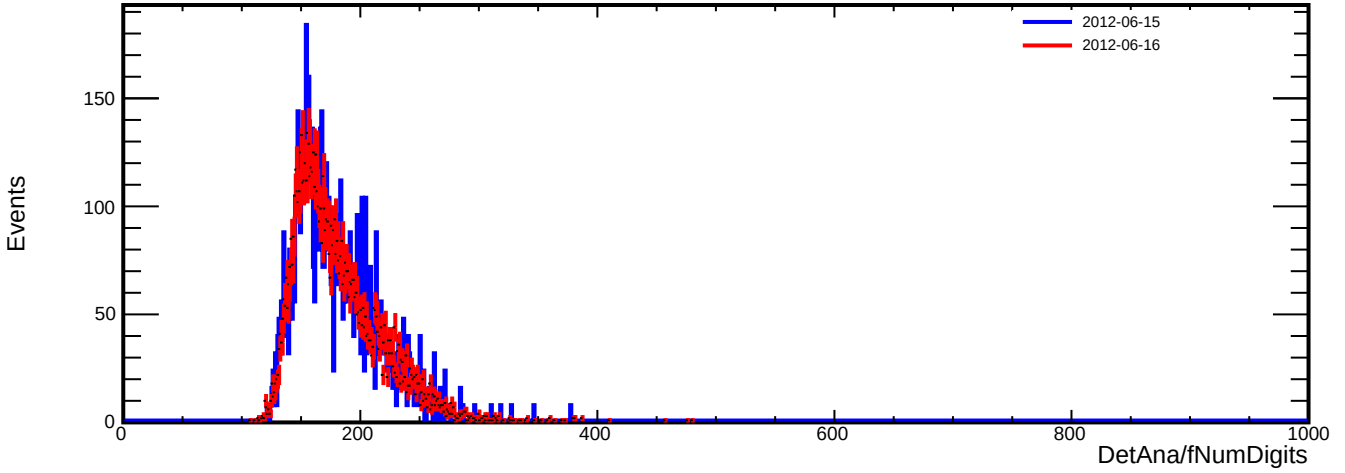

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUX_HP

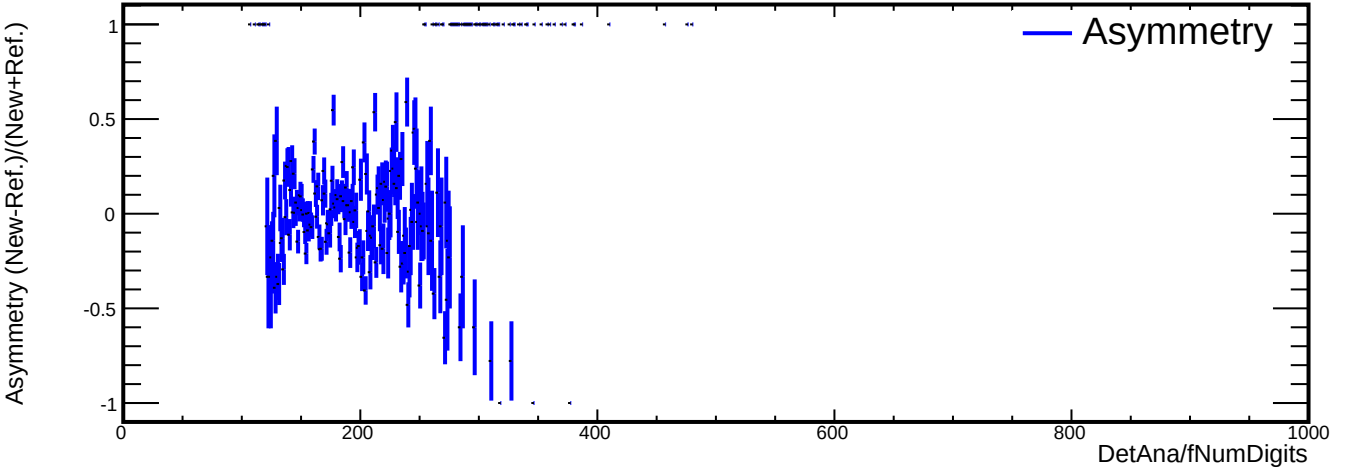

2012-06-15
2012-06-16
Events
150
100
50
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUY_HP

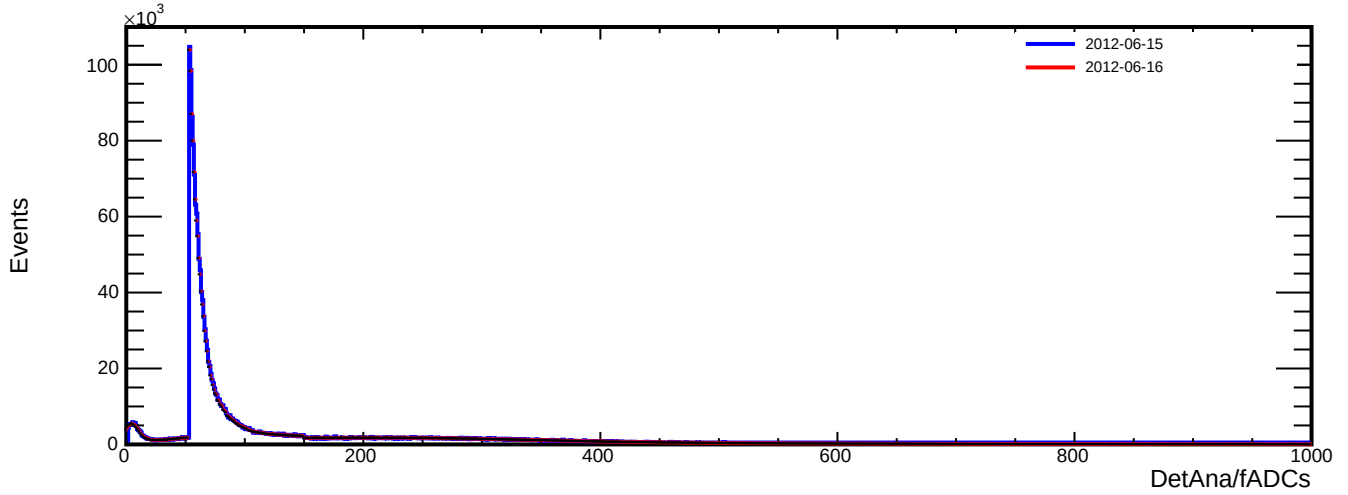

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUY_HP

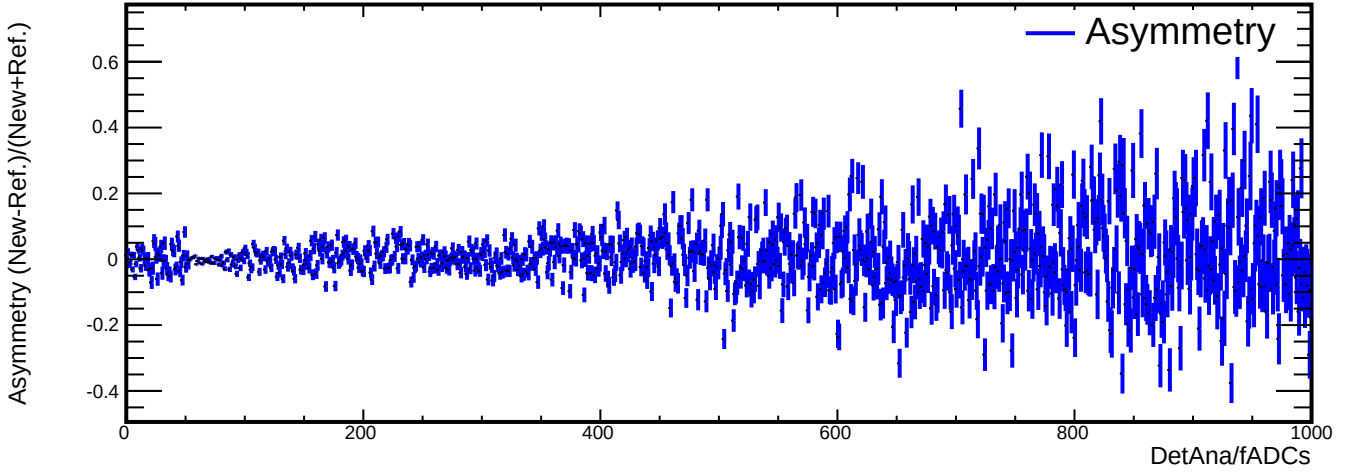

2012-06-15
2012-06-16
Events
600
400
200
0
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP

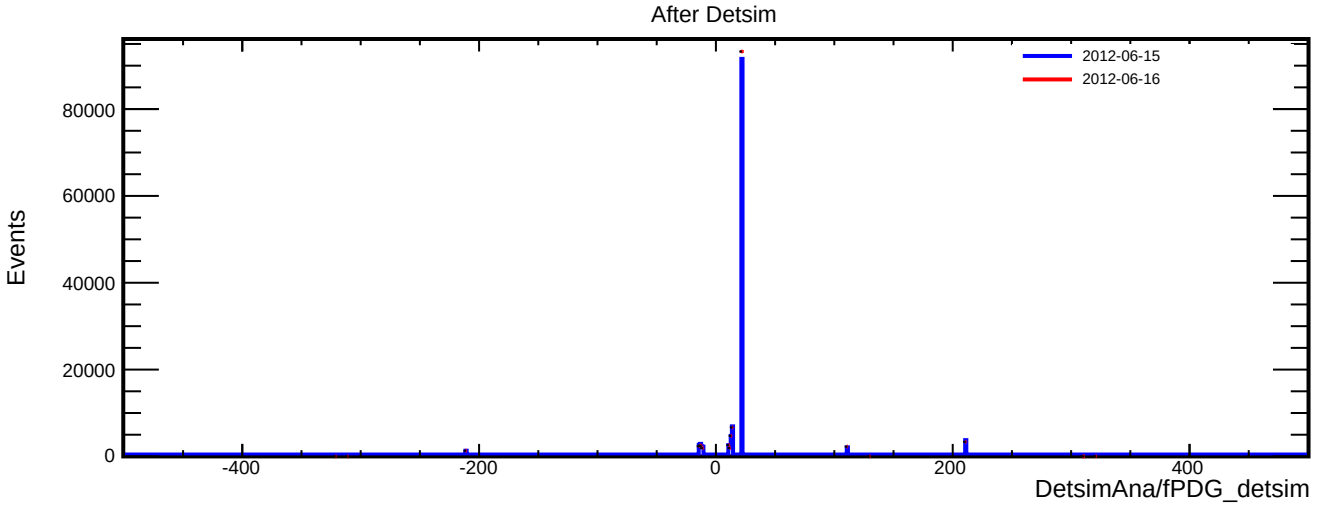

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
NeutrinoAna/fNeutrinoUZ_HP

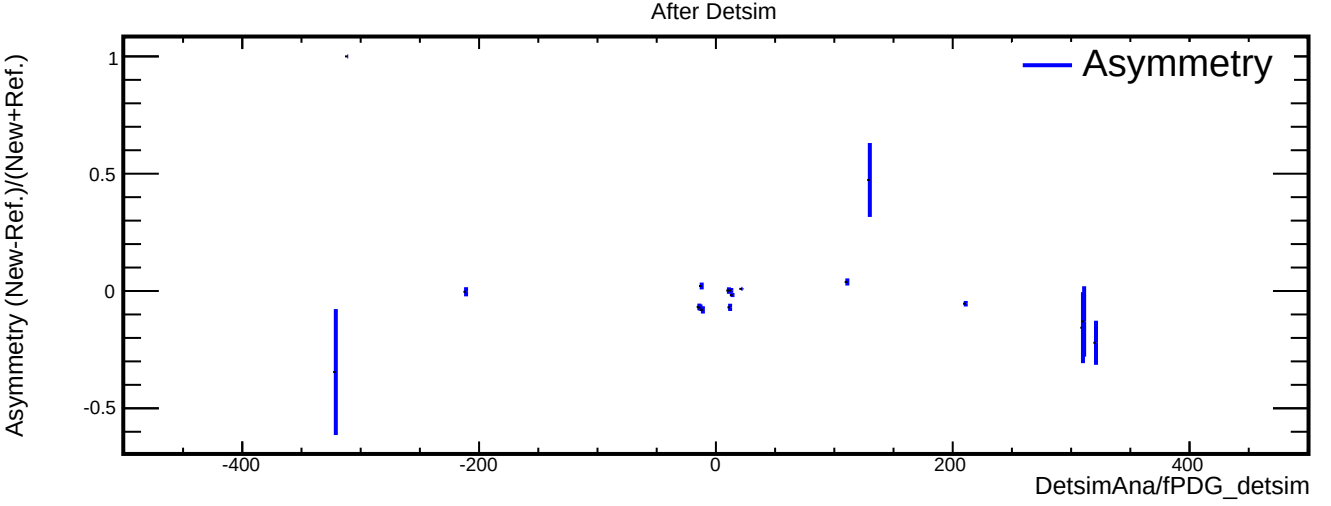

2012-06-15
2012-06-16
Events
150
100
50
0
0
200
400
600
800
1000
DetAna/fNumDigits

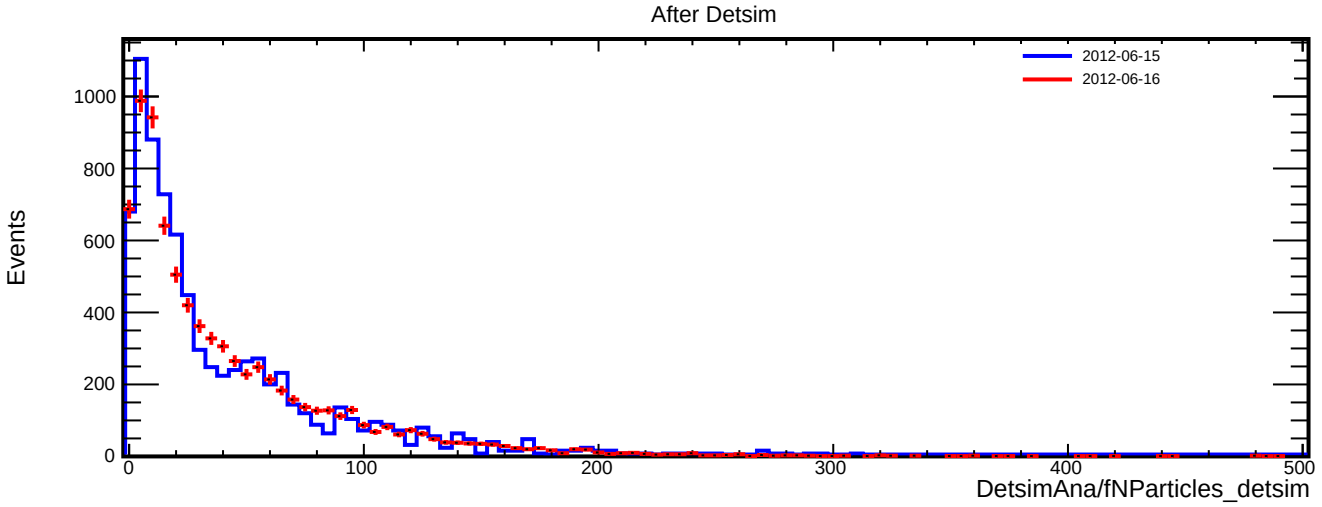

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
200
400
600
800
1000
DetAna/fNumDigits

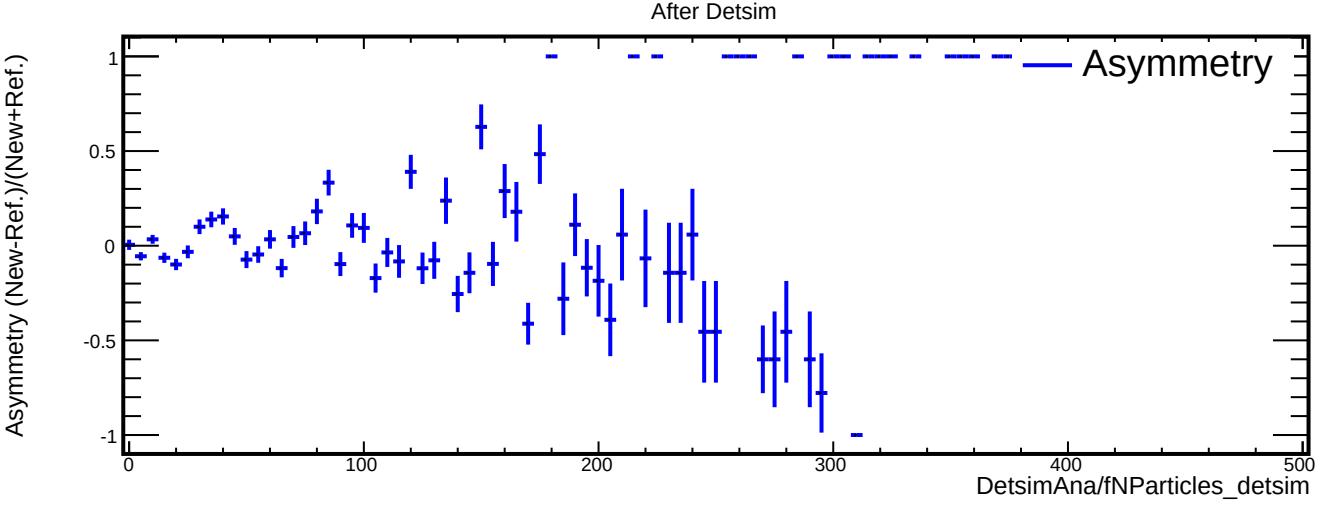

×10^3
Events
2012-06-15
2012-06-16
DetAna/fADCs

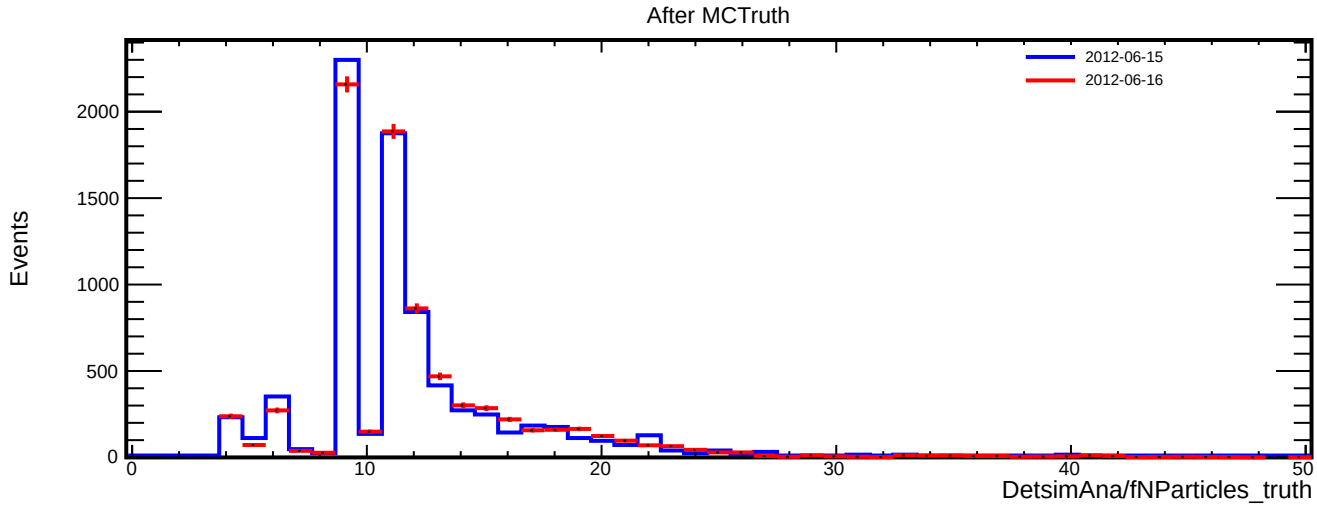

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
DetAna/fADCs

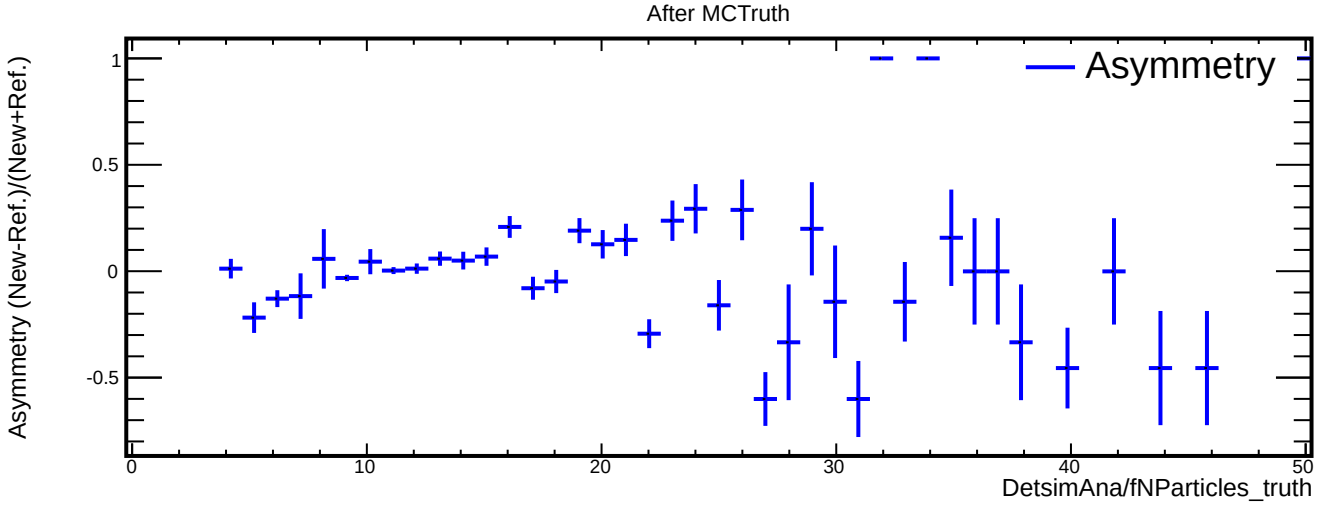

After Detsim
2012-06-15
2012-06-16
Events
80000
60000
40000
20000
0
-400
-200
0
200
400
DetsimAna/fPDG_detsim

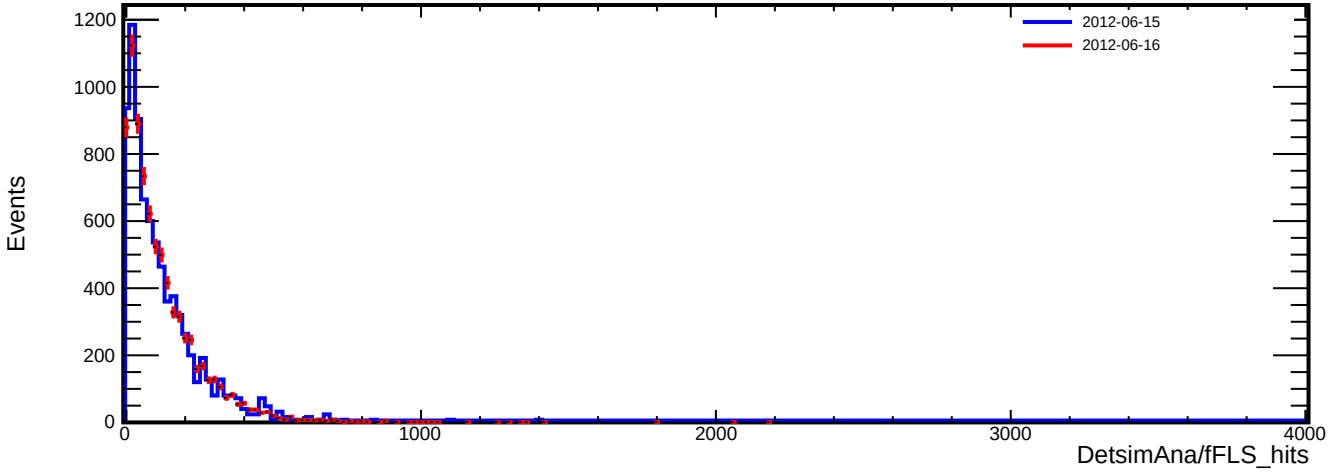

After Detsim
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-400
-200
0
200
400
DetsimAna/fPDG_detsim

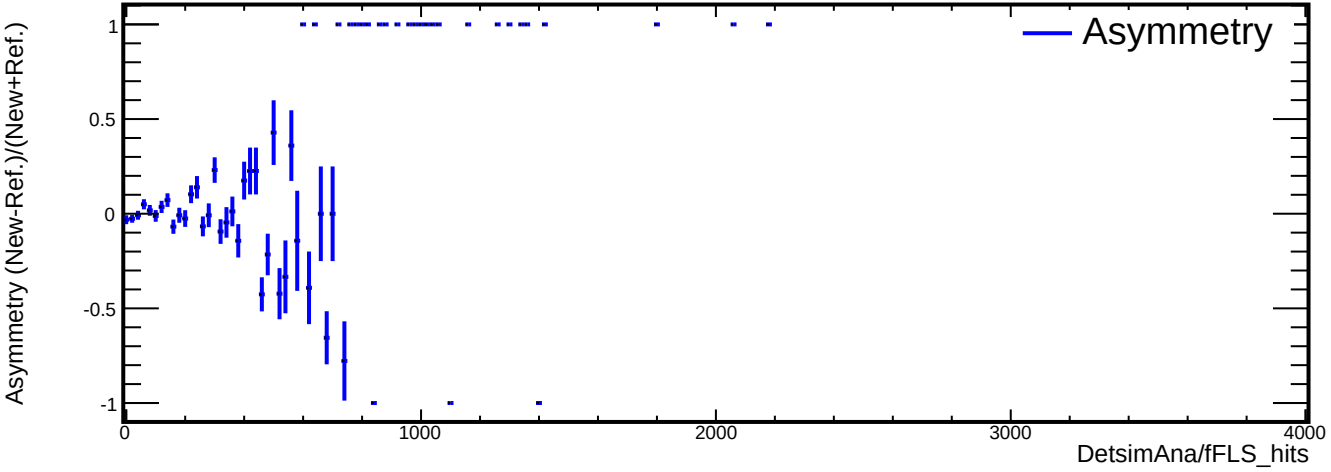

After Detsim
2012-06-15
2012-06-16
Events
1000
800
600
400
200
0
0
100
200
300
400
500
DetsimAna/fNParticles_detsim

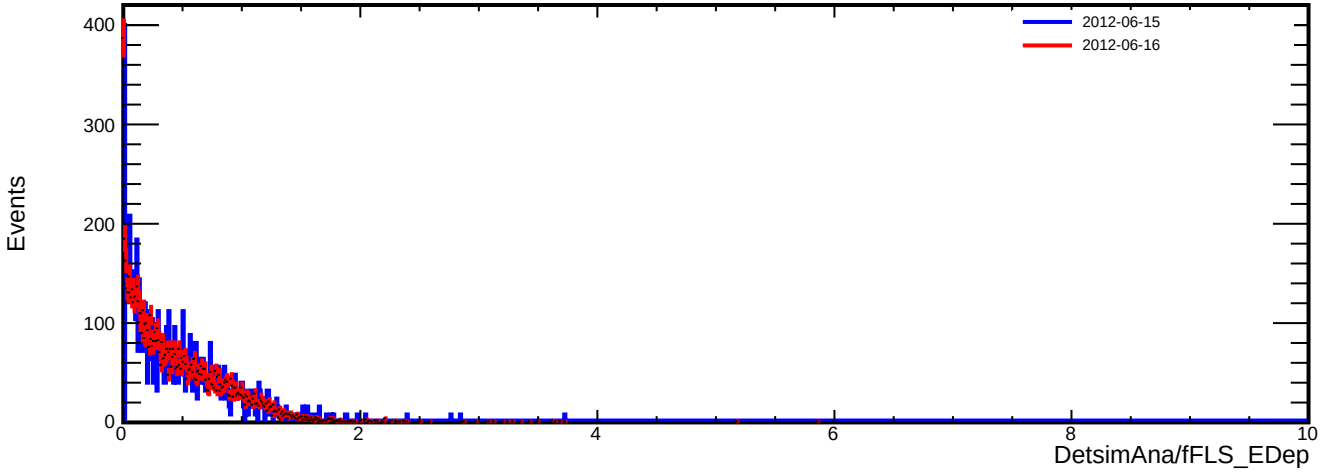

After Detsim
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
100
200
300
400
500
DetsimAna/fNParticles_detsim

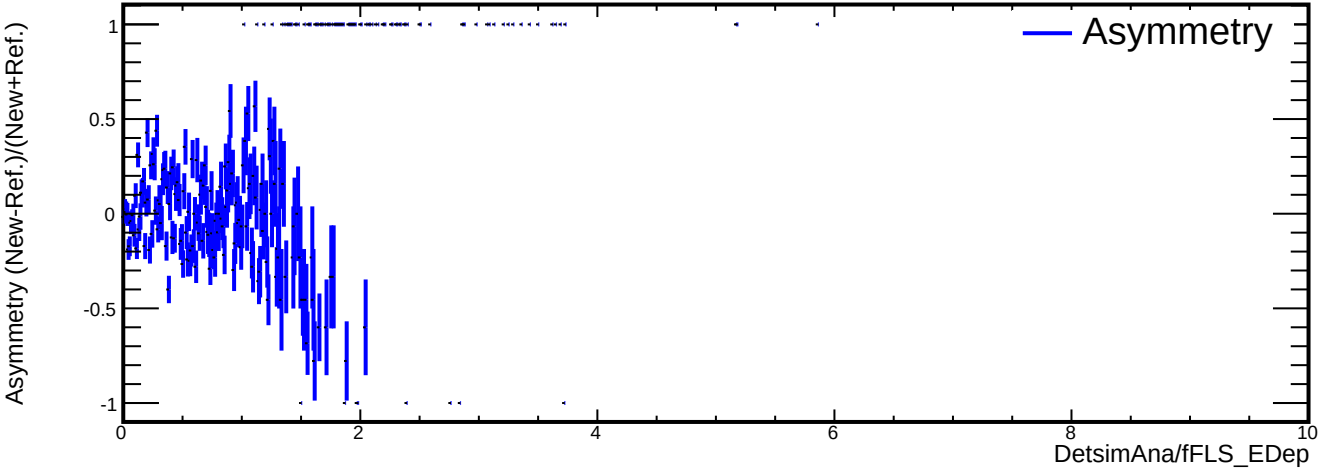

After MCTruth
2012-06-15
2012-06-16
Events
0
500
1000
1500
2000
0
10
20
30
40
50
DetsimAna/fNParticles_truth

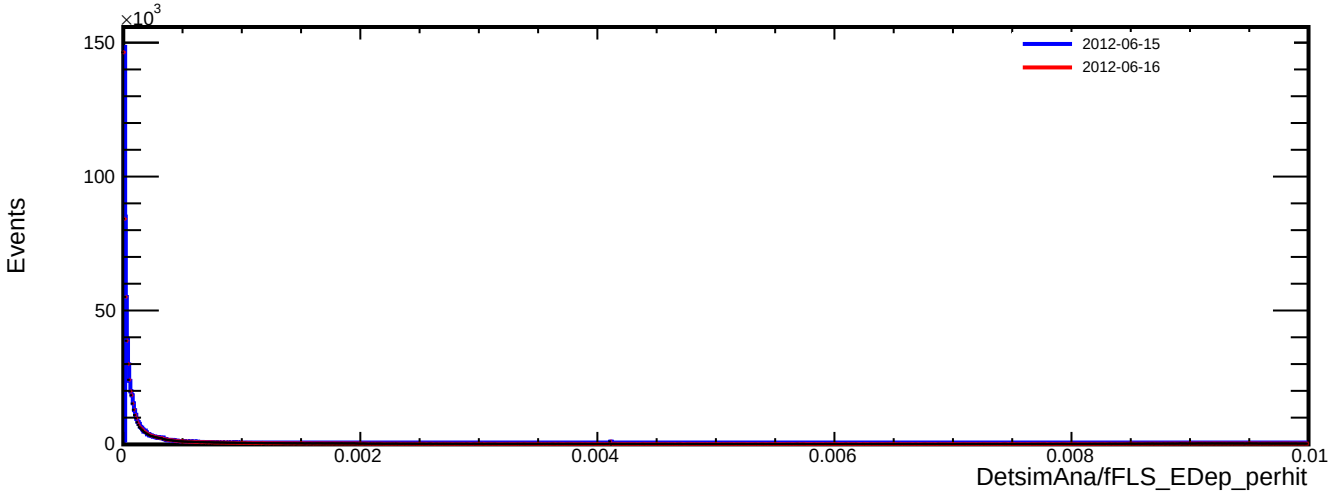

After MCTruth
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
0
10
20
30
40
50
DetsimAna/fNParticles_truth

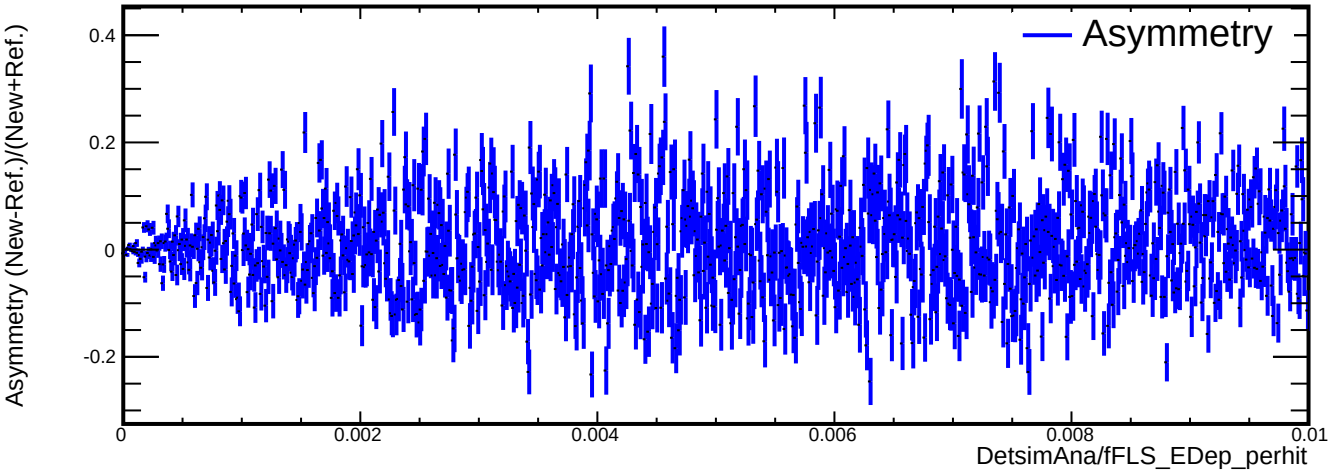

Events
1200
1000
800
600
400
200
0
0
1000
2000
3000
4000
DetsimAna/fFLS_hits
2012-06-15
2012-06-16

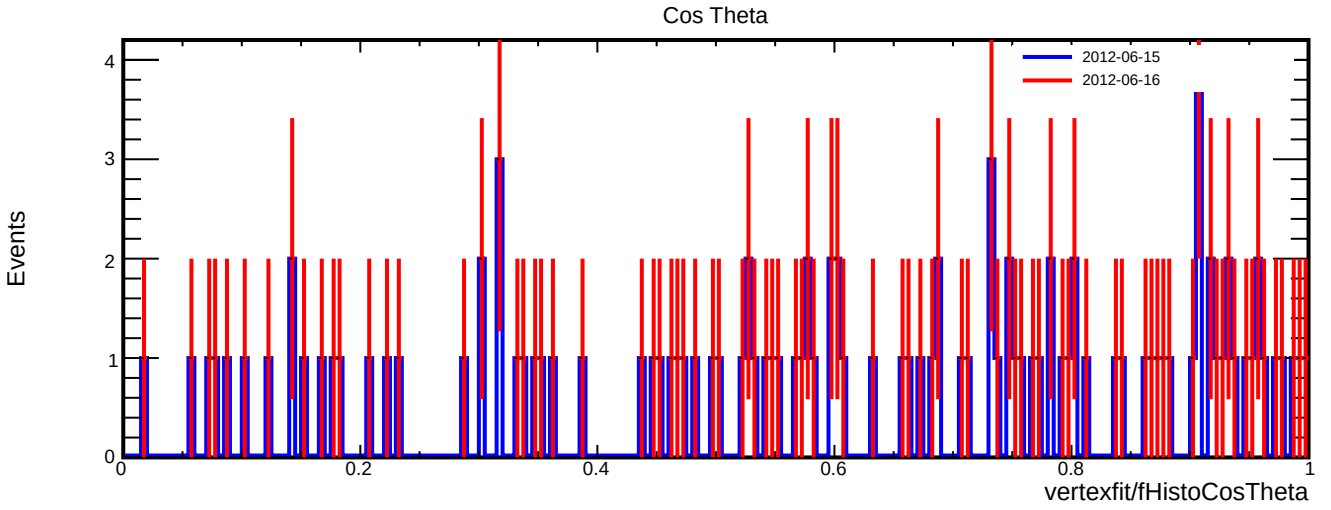

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1000
2000
3000
4000
DetsimAna/fFLS_hits
Asymmetry

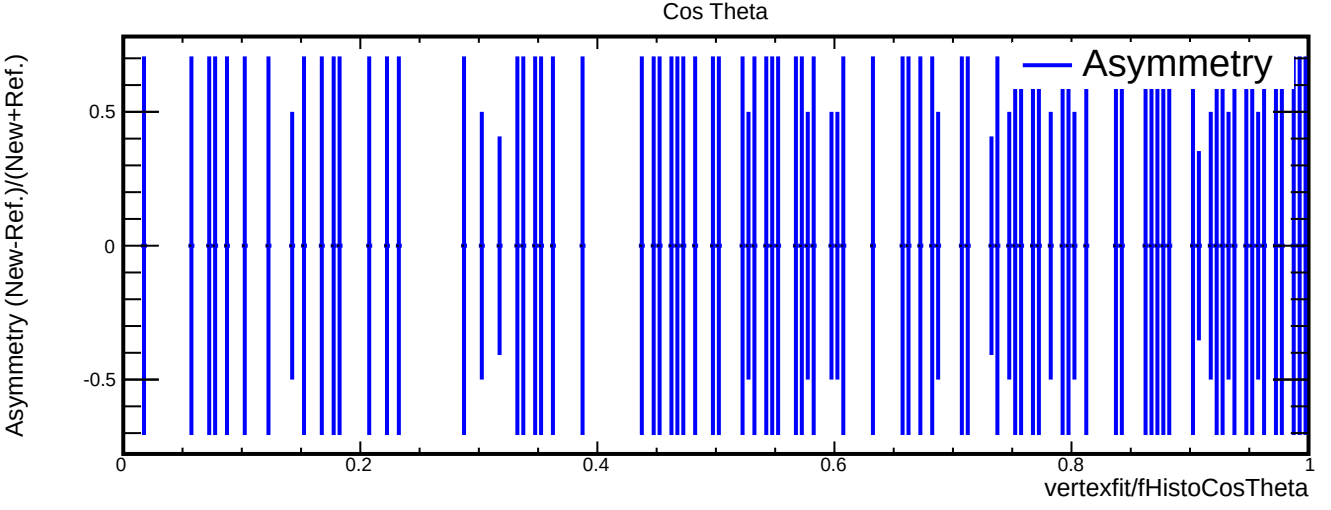

2012-06-15
2012-06-16
Events
400
300
200
100
0
0
2
4
6
8
10
DetsimAna/fFLS_EDep

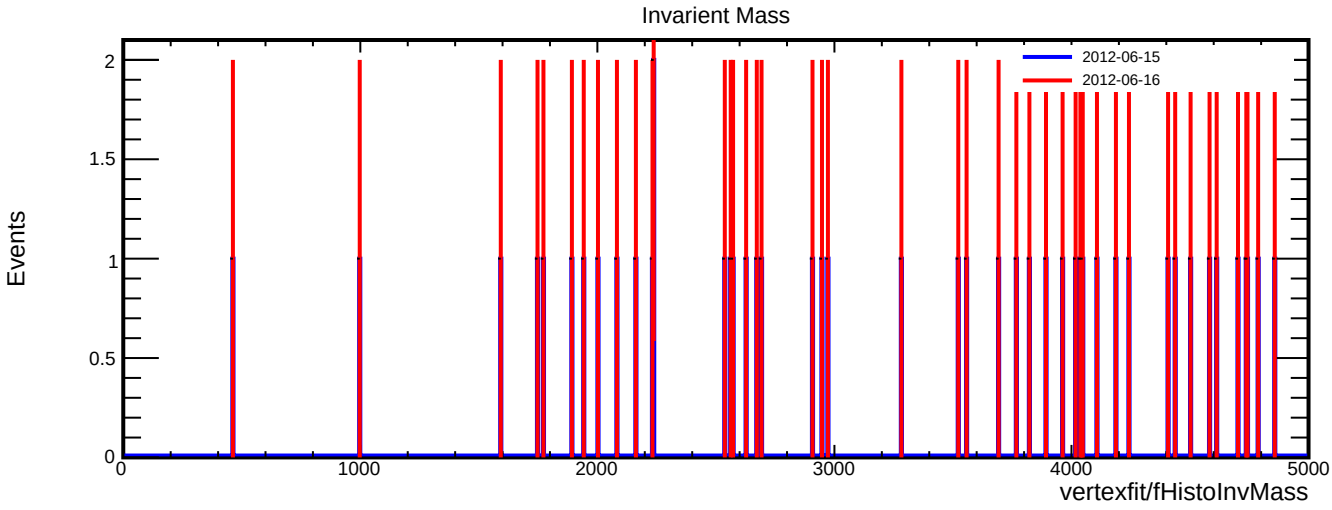

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
2
4
6
8
10
DetsimAna/fFLS_EDep

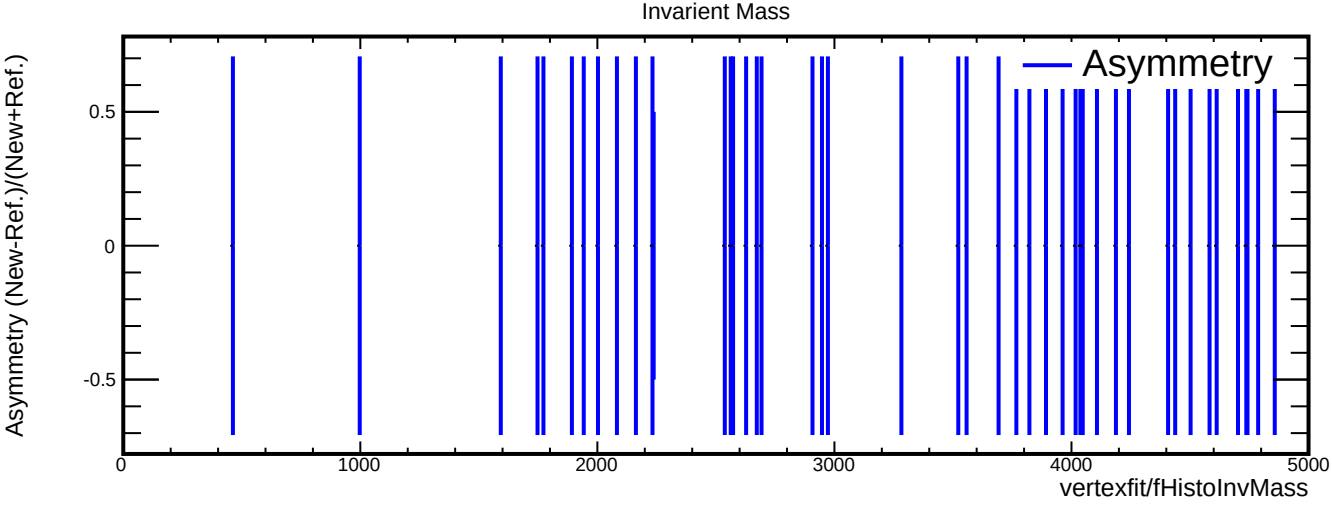

×10^3
150
100
50
0
Events
2012-06-15
2012-06-16
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit

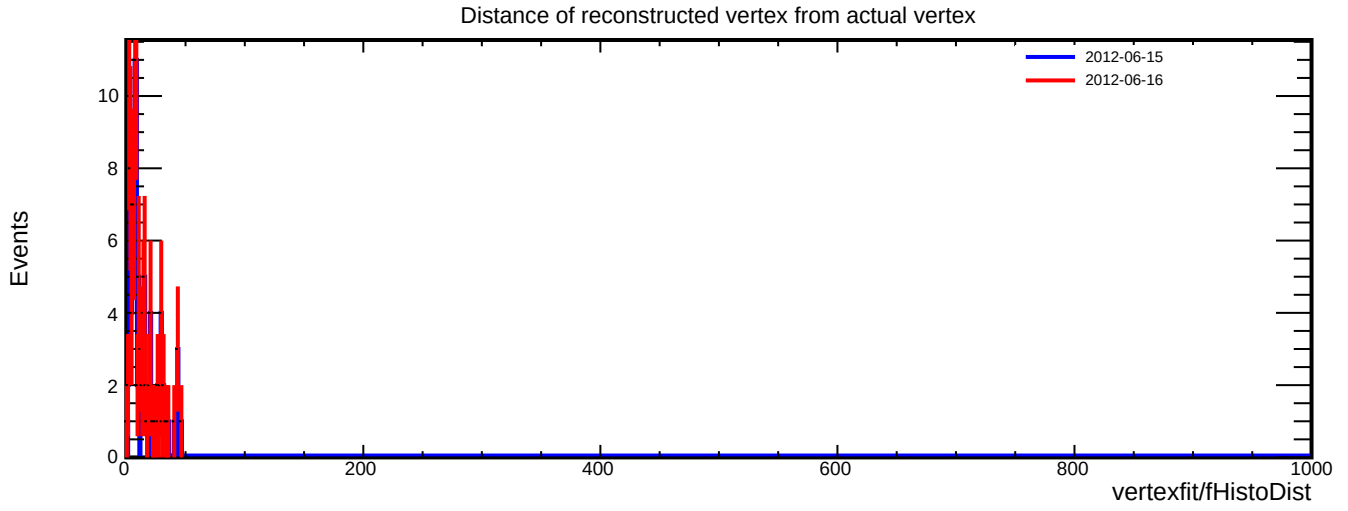

Asymmetry
0.4
0.2
0
-0.2
Asymmetry (New-Ref.)/(New+Ref.)
0
0.002
0.004
0.006
0.008
0.01
DetsimAna/fFLS_EDep_perhit

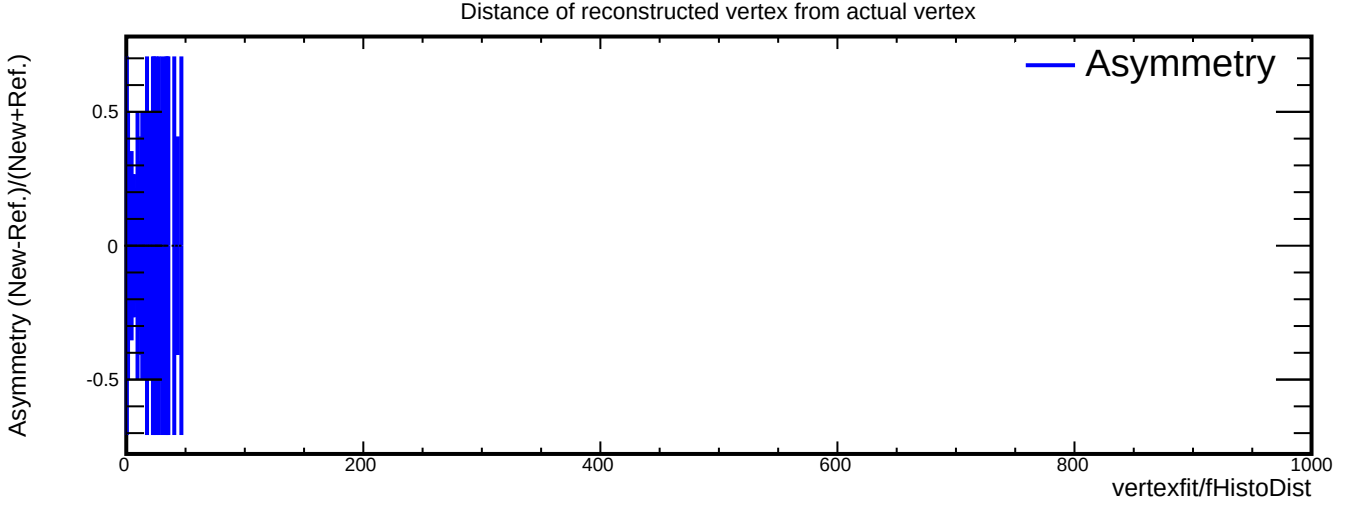

Cos Theta
Events
2012-06-15
2012-06-16
0
1
2
3
4
0
0.2
0.4
0.6
0.8
1
vertexfit/fHistoCosTheta

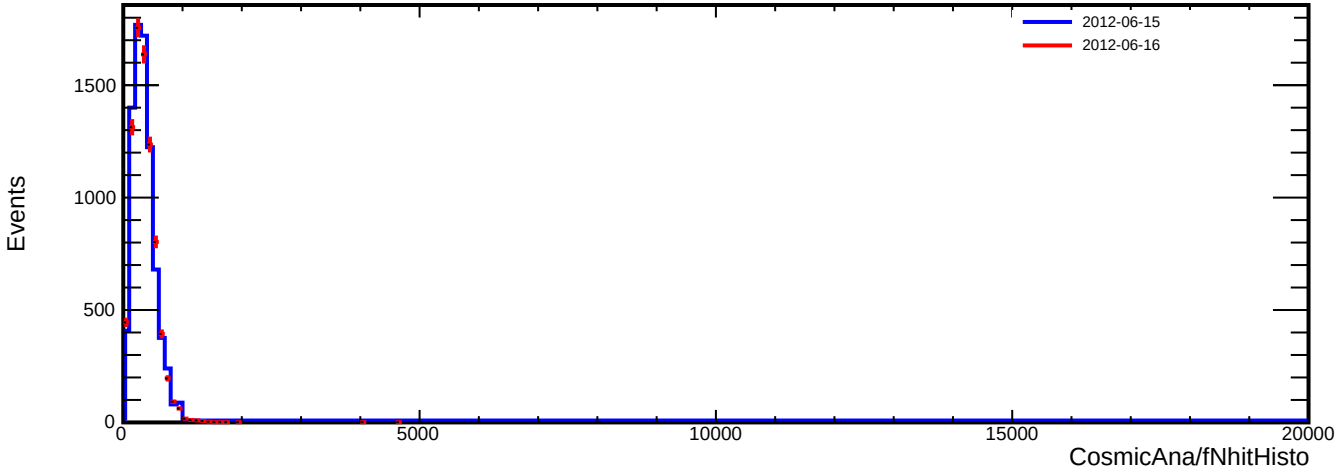

Cos Theta
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0.5
0
-0.5
0
0.2
0.4
0.6
0.8
1
vertexfit/fHistoCosTheta

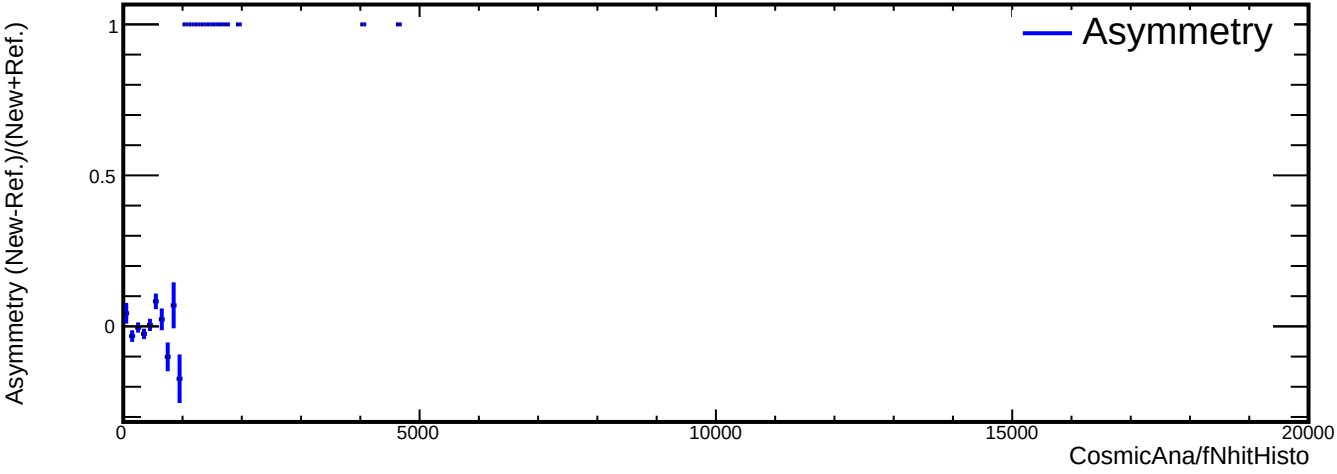

Invarient Mass
Events
2012-06-15
2012-06-16
0
0.5
1
1.5
2
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

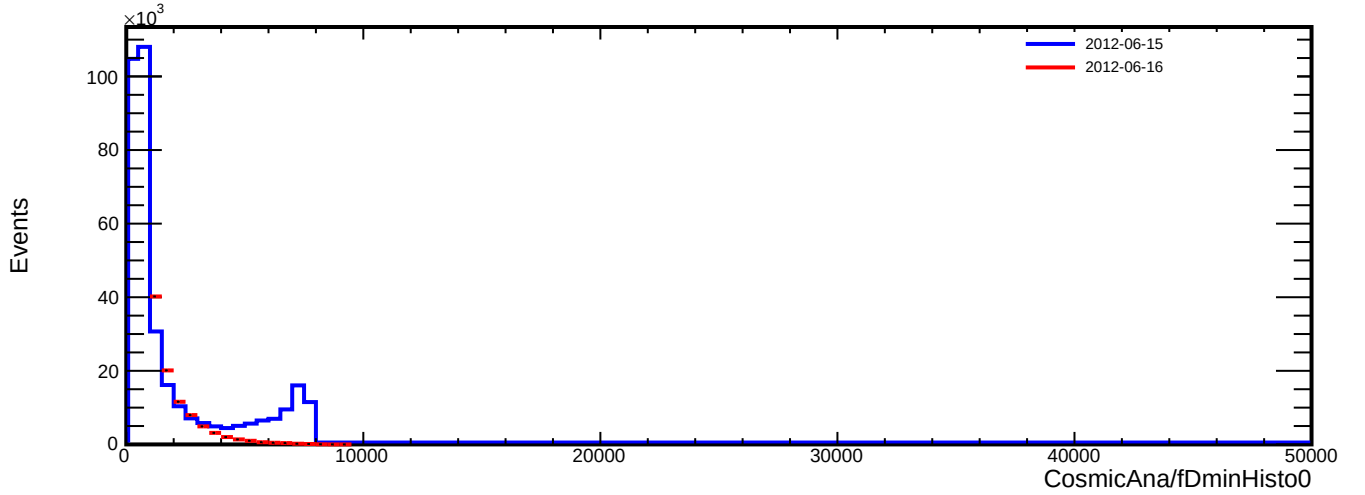

Invarient Mass
Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
-0.5
0
0.5
0
1000
2000
3000
4000
5000
vertexfit/fHistoInvMass

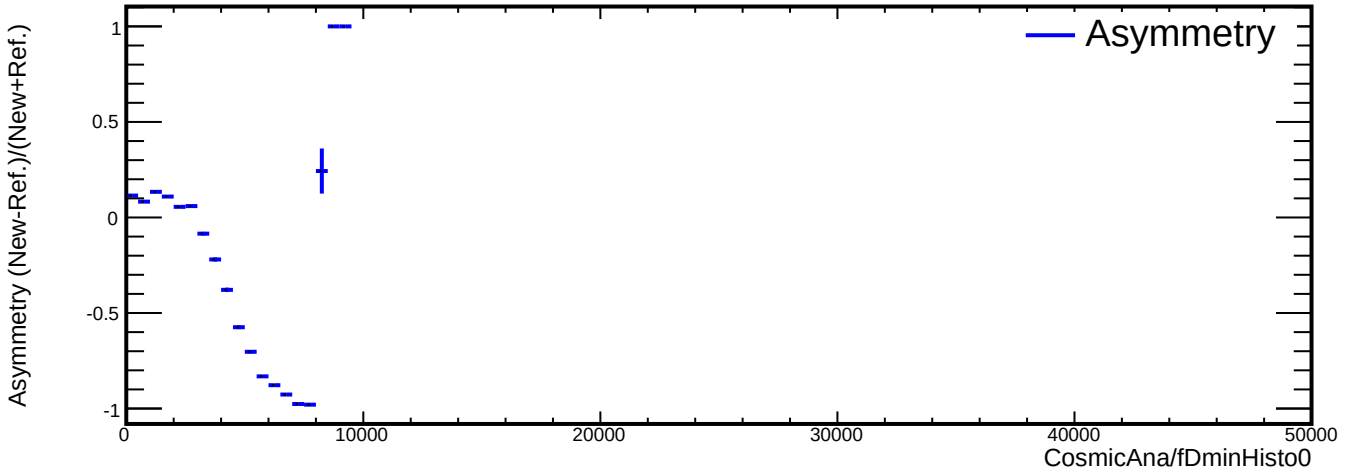

Distance of reconstructed vertex from actual vertex
2012-06-15
2012-06-16
Events
0
2
4
6
8
10
0
200
400
600
800
1000
vertexfit/fHistoDist

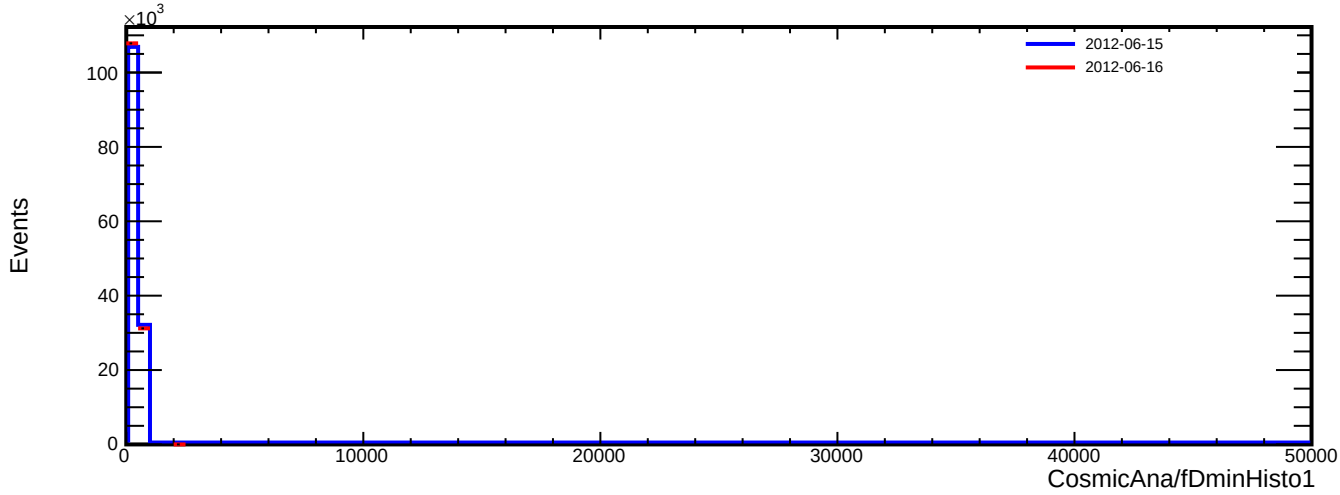

Distance of reconstructed vertex from actual vertex
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
200
400
600
800
1000
vertexfit/fHistoDist

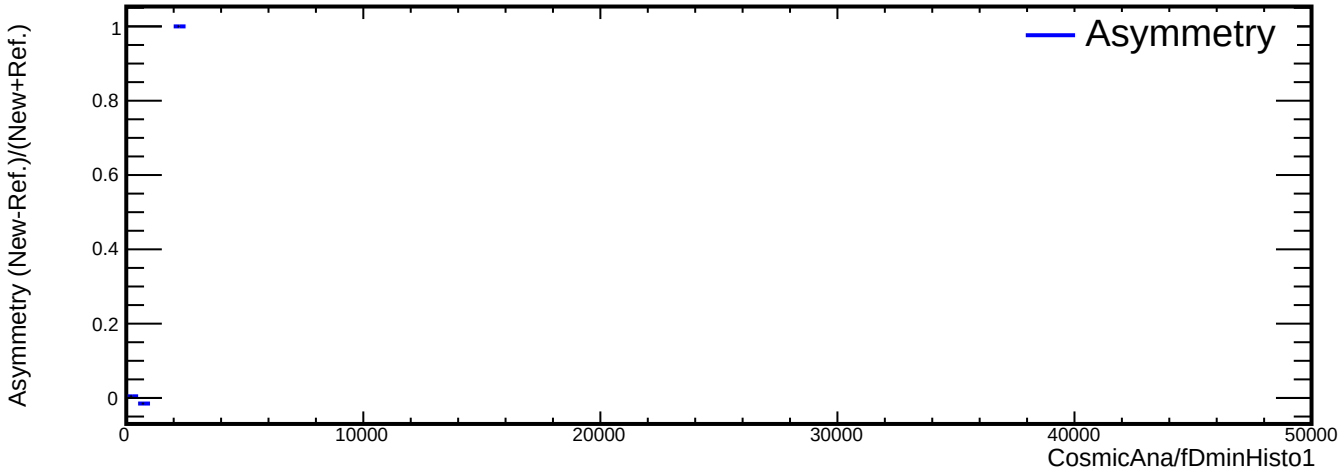

2012-06-15
2012-06-16
Events
1500
1000
500
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

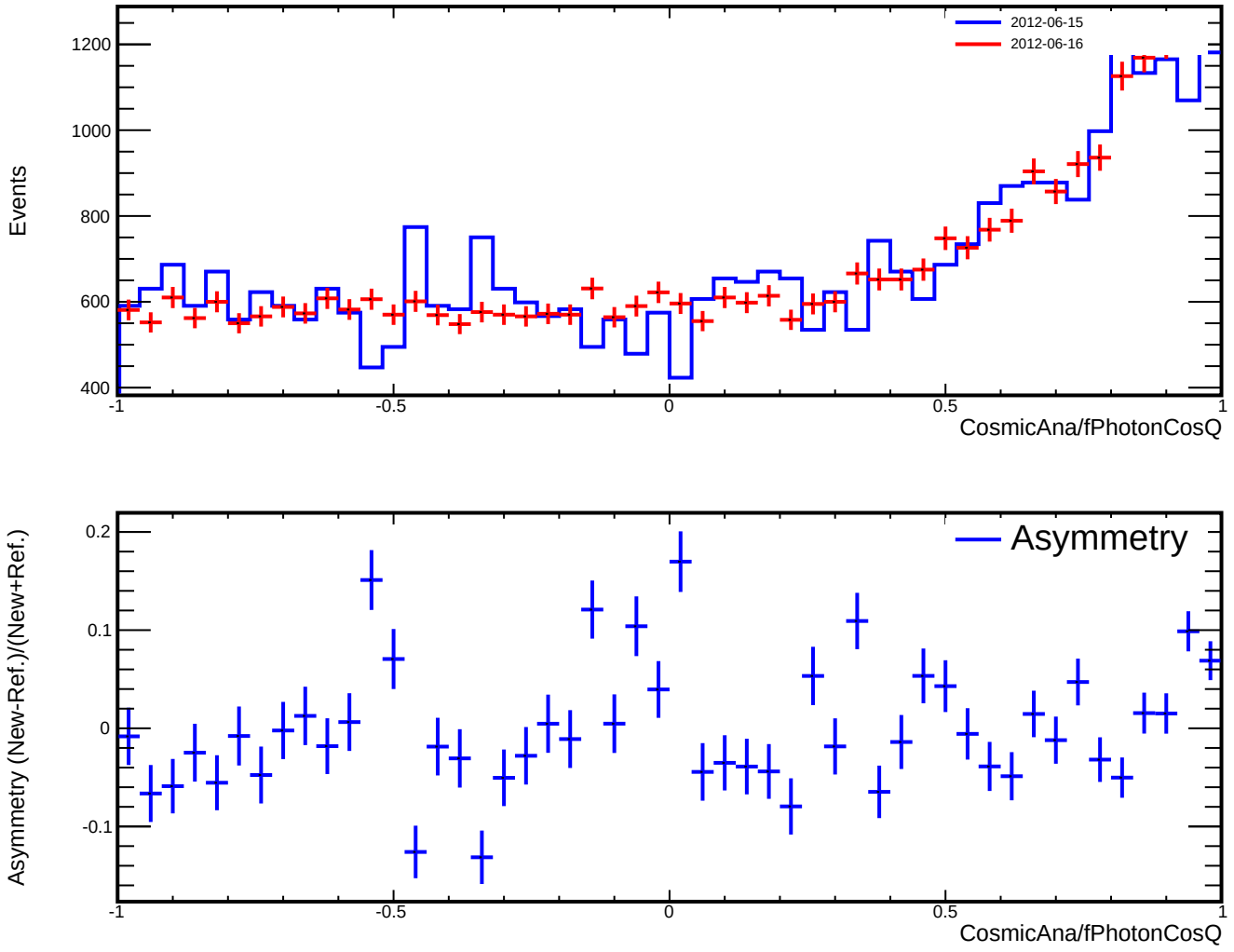

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
0
5000
10000
15000
20000
CosmicAna/fNhitHisto

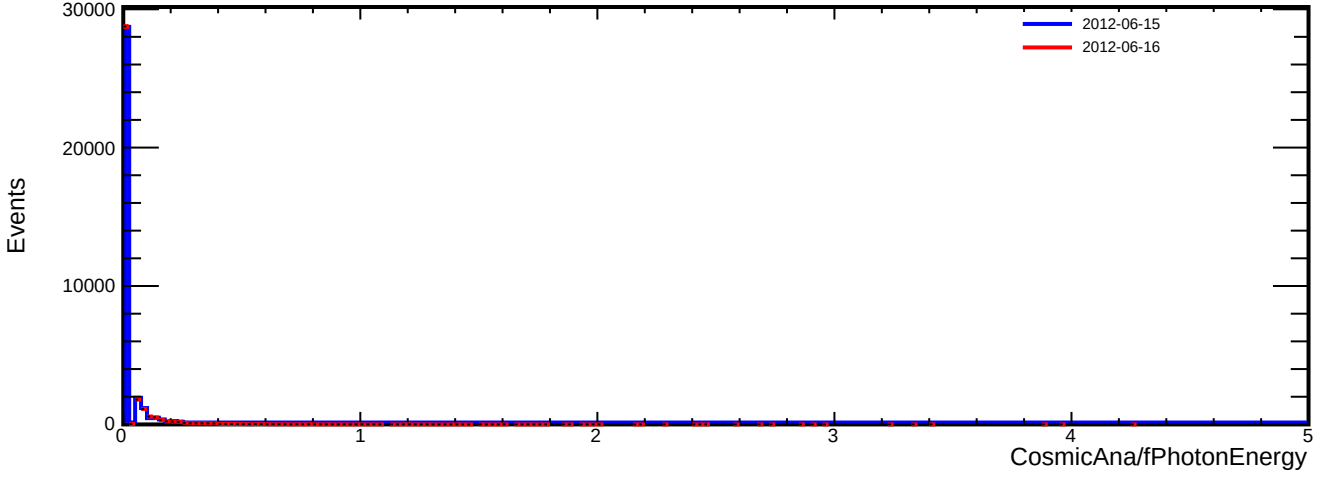

×10^3
Events
2012-06-15
2012-06-16
CosmicAna/fDminHisto0

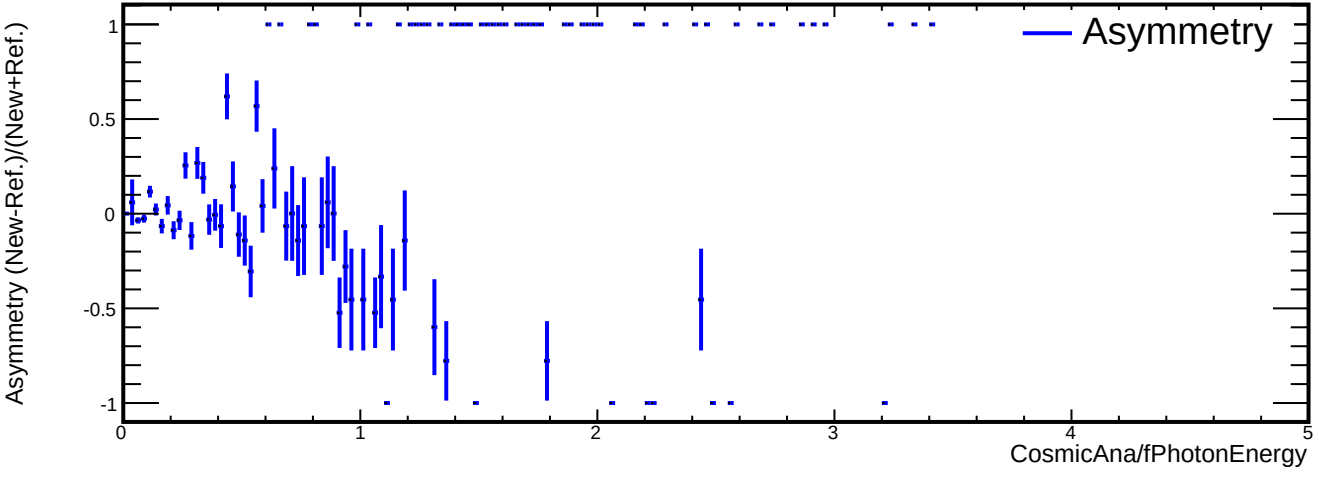

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
CosmicAna/fDminHisto0

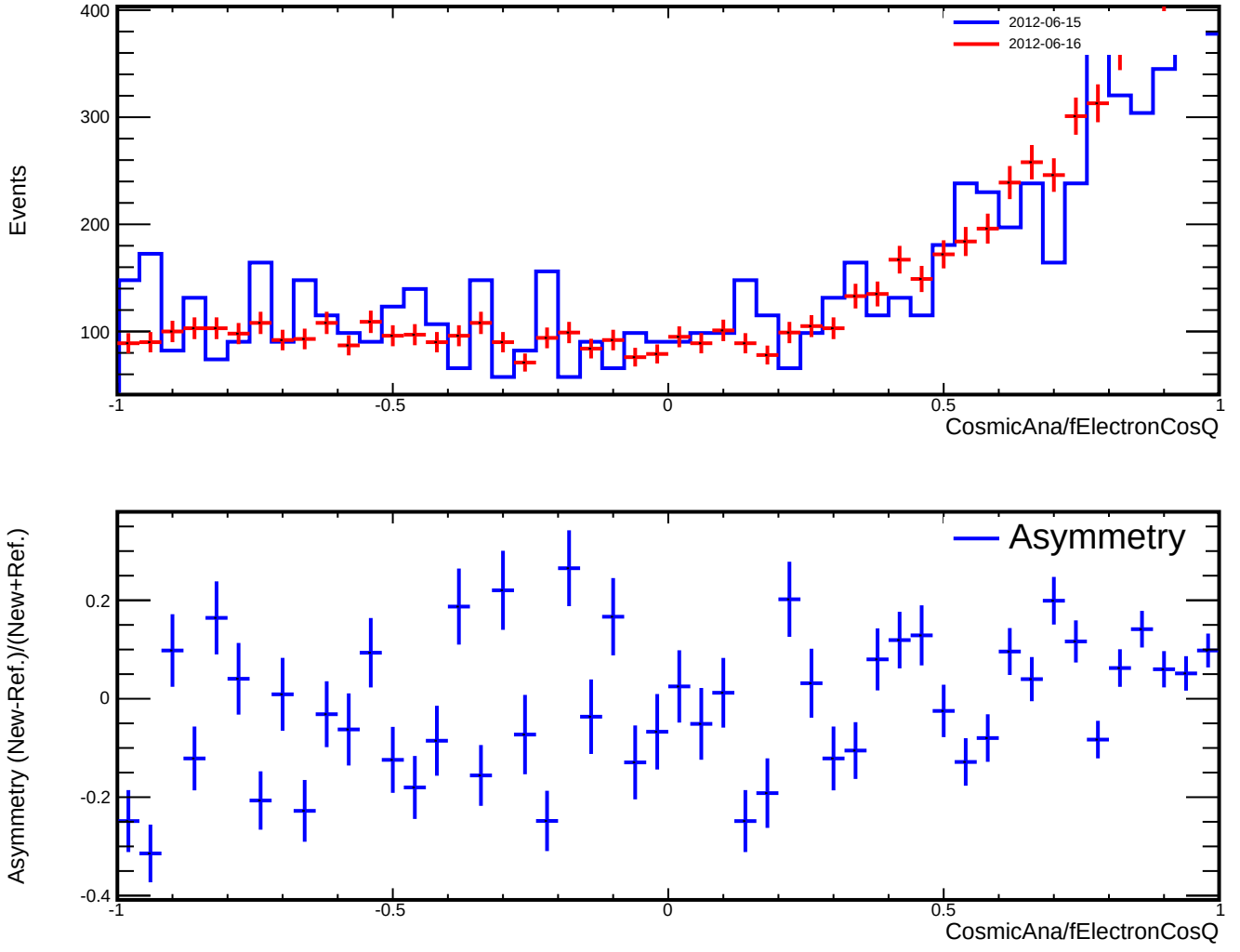

×10^3
Events
2012-06-15
2012-06-16
0
20
40
60
80
100
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1

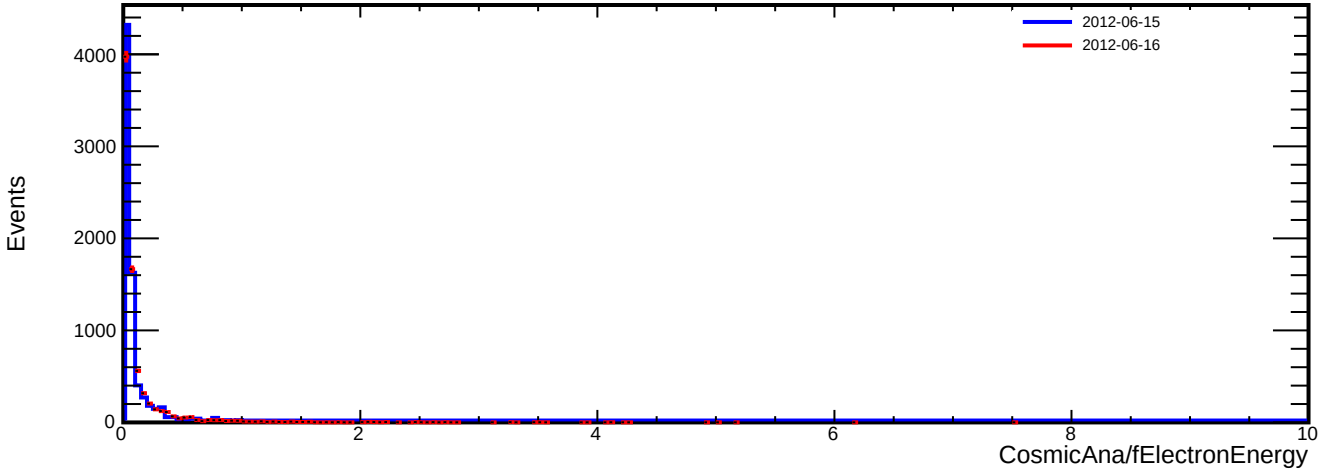

Asymmetry (New-Ref.)/(New+Ref.)
Asymmetry
0
0.2
0.4
0.6
0.8
1
0
10000
20000
30000
40000
50000
CosmicAna/fDminHisto1

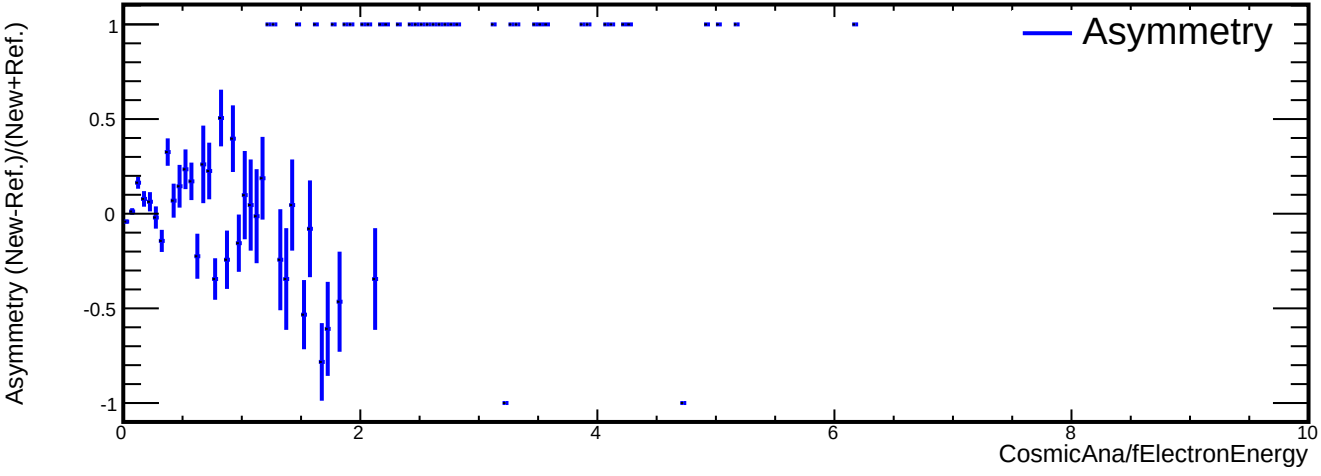

2012-06-15
2012-06-16
Events
1200
1000
800
600
400
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.2
0.1
0
-0.1
-1
-0.5
0
0.5
1
CosmicAna/fPhotonCosQ

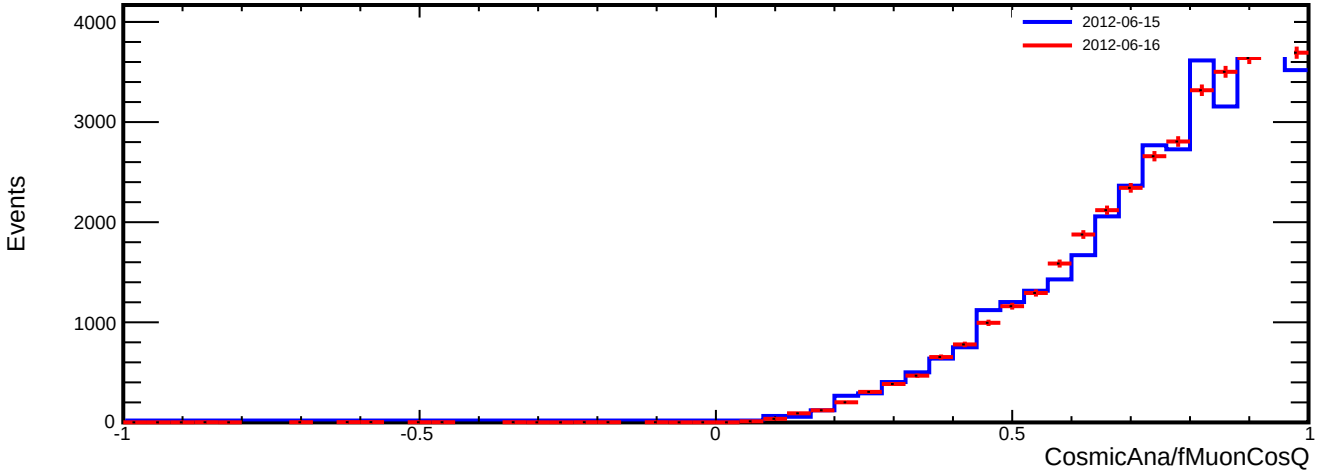

Events
30000
20000
10000
0
0
1
2
3
4
5
CosmicAna/fPhotonEnergy
2012-06-15
2012-06-16

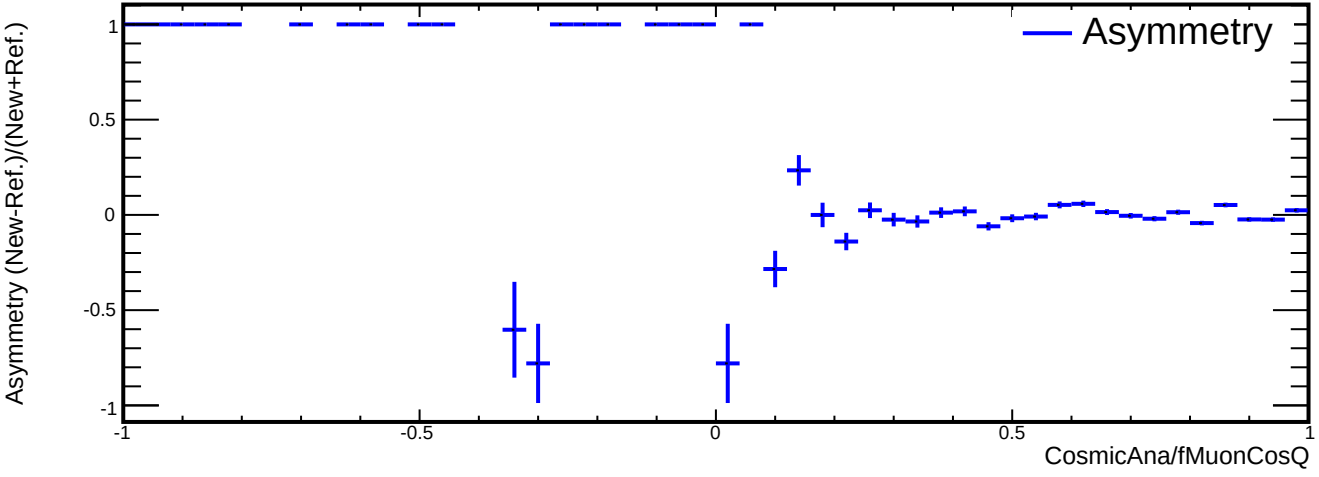

Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
1
2
3
4
5
CosmicAna/fPhotonEnergy
Asymmetry

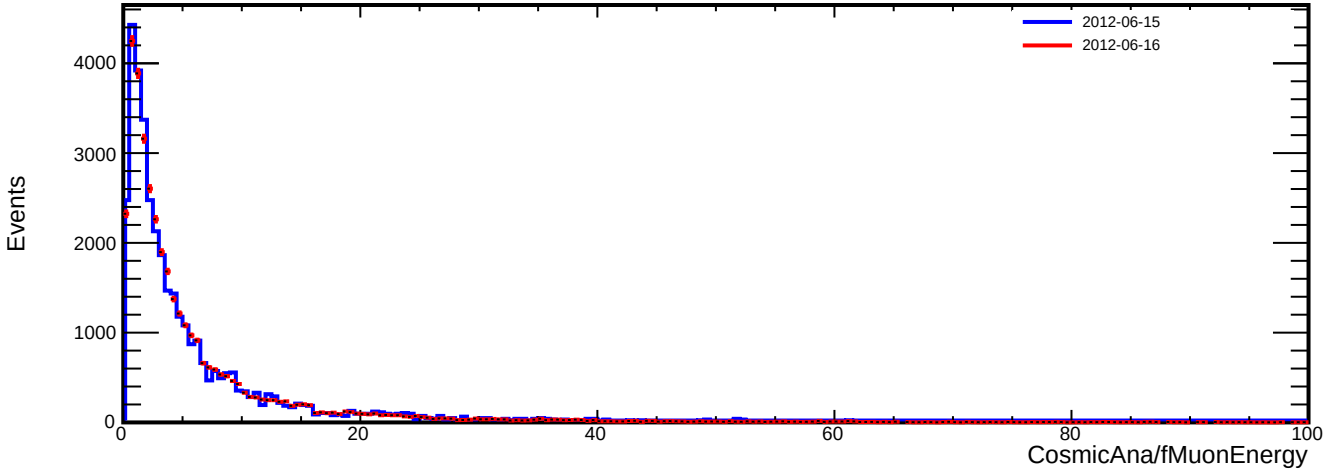

Events
400
300
200
100
-1
-0.5
0
0.5
1
CosmicAna/fElectronCosQ
2012-06-15
2012-06-16
Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
-0.4
Asymmetry

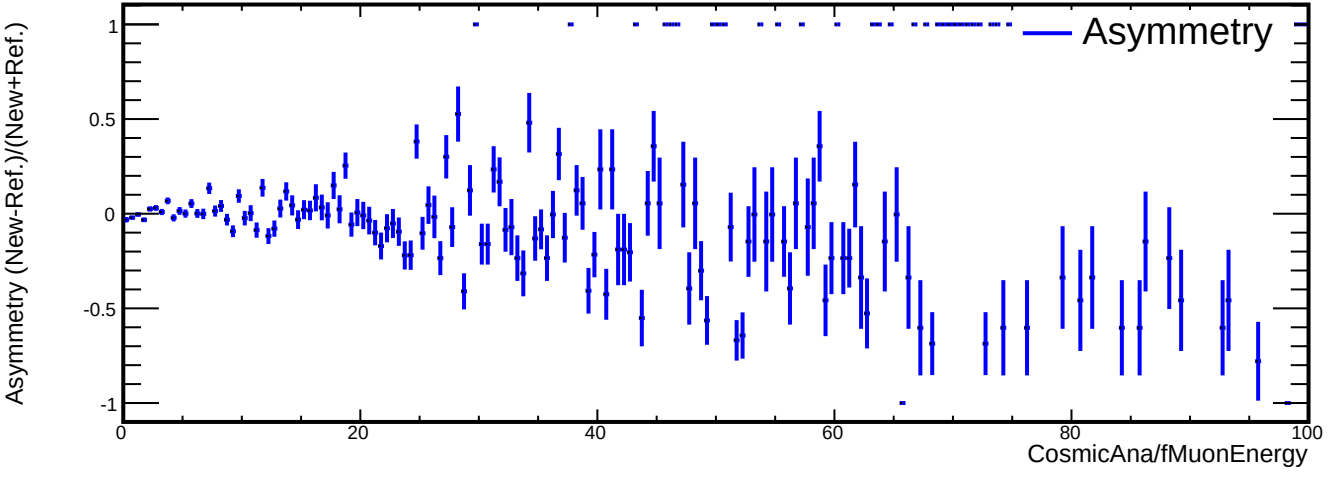

2012-06-15
2012-06-16
Events
4000
3000
2000
1000
0
0
2
4
6
8
10
CosmicAna/fElectronEnergy

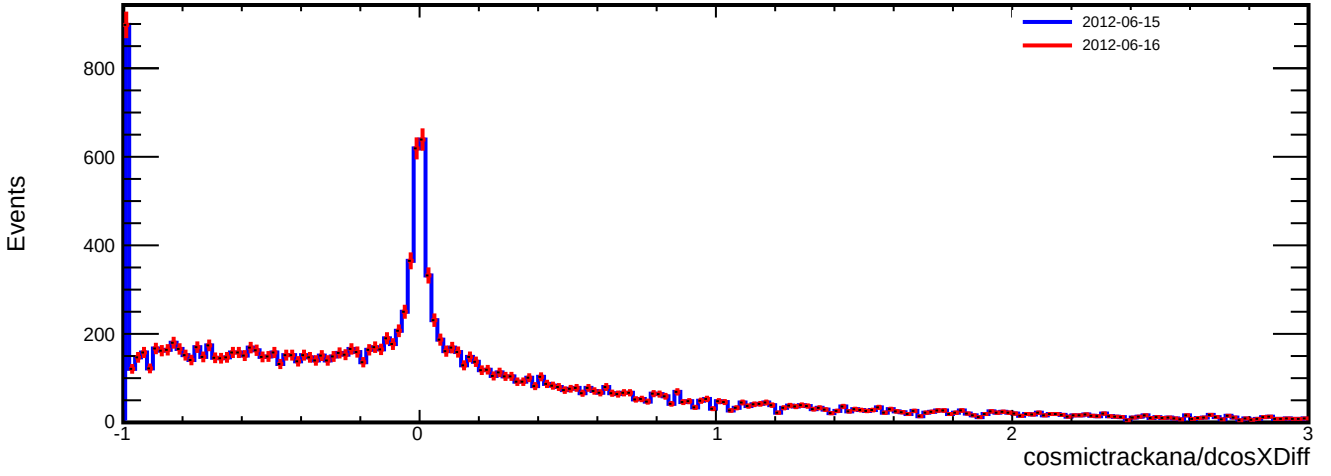

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
2
4
6
8
10
CosmicAna/fElectronEnergy

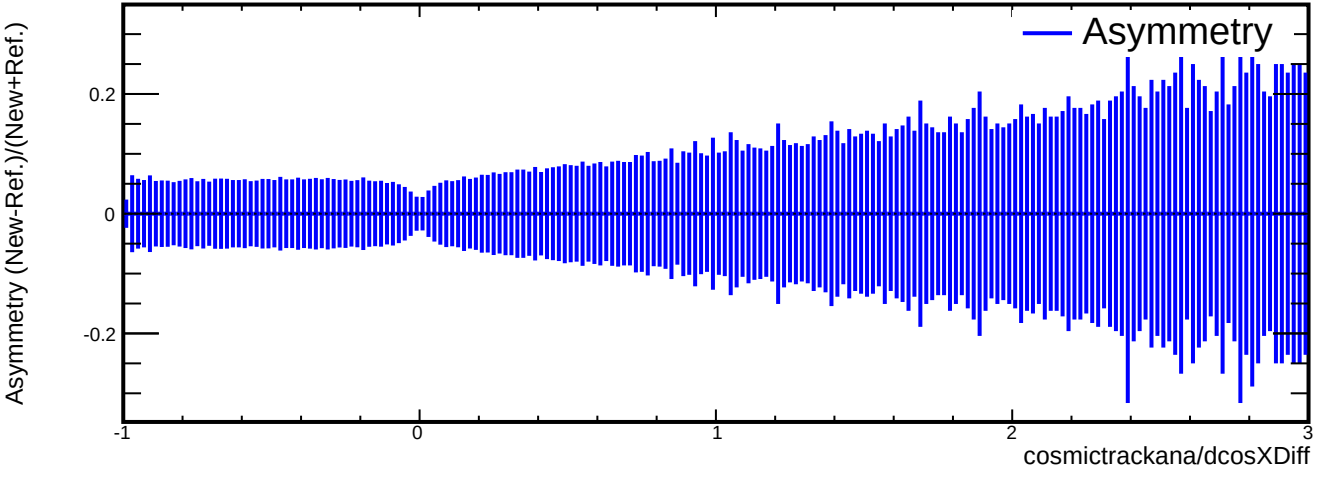

2012-06-15
2012-06-16
Events
4000
3000
2000
1000
0
-1
-0.5
0
0.5
1
CosmicAna/fMuonCosQ

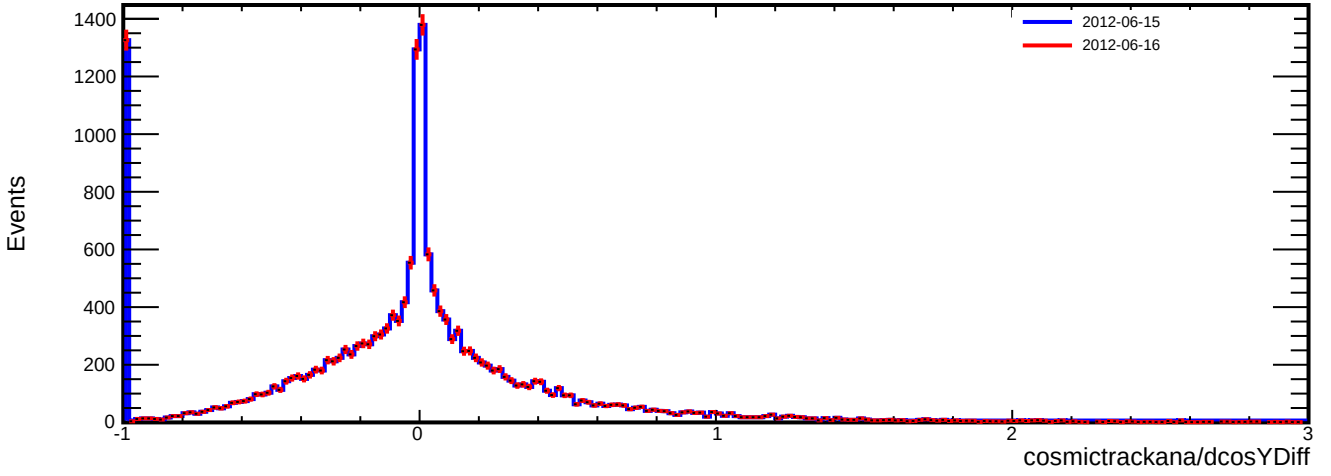

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
CosmicAna/fMuonCosQ

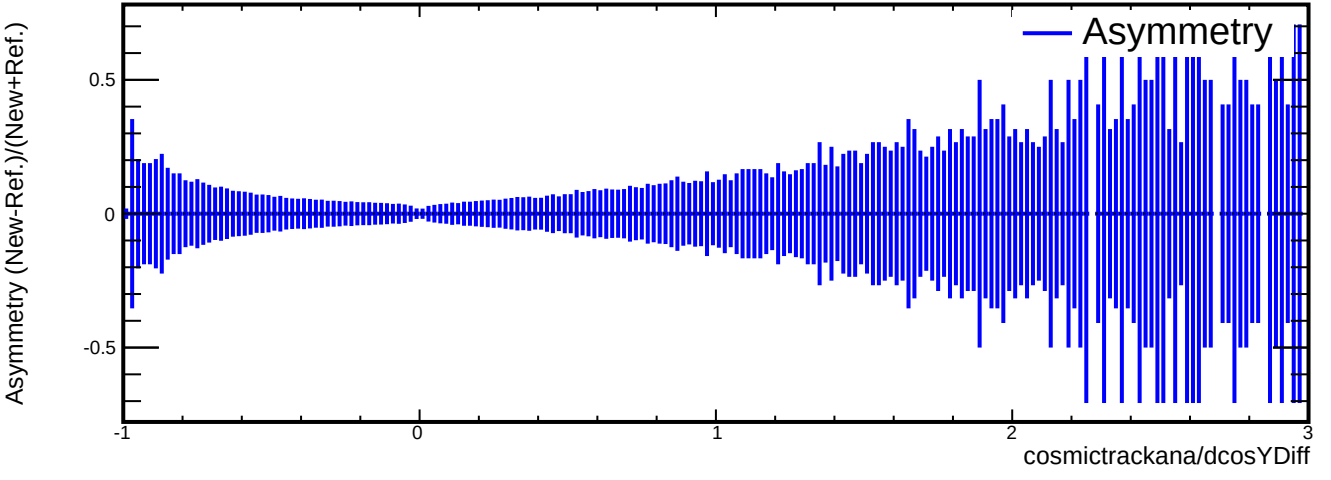

2012-06-15
2012-06-16
Events
4000
3000
2000
1000
0
0
20
40
60
80
100
CosmicAna/fMuonEnergy

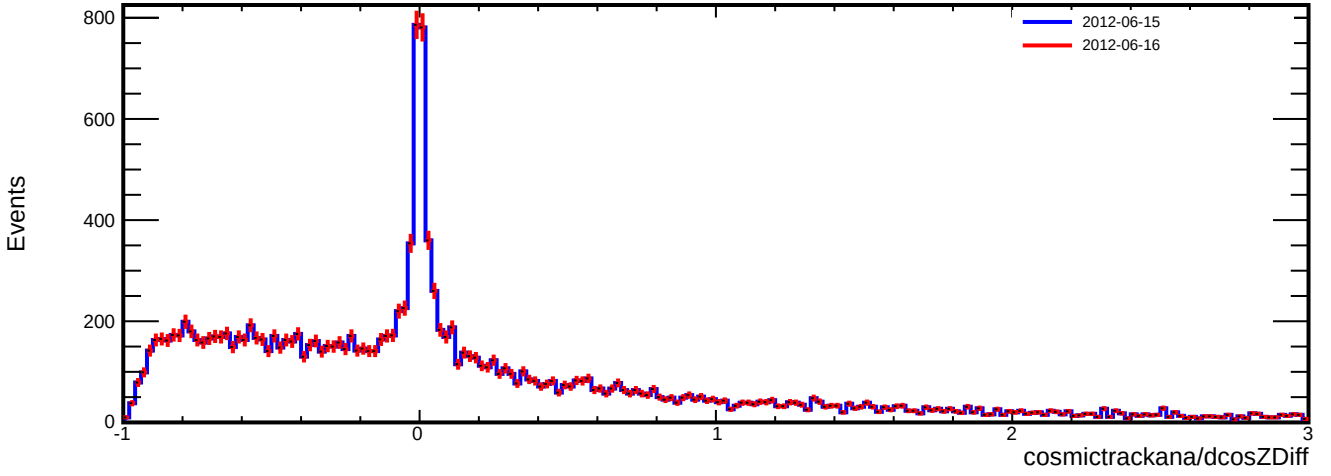

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
1
0.5
0
-0.5
-1
0
20
40
60
80
100
CosmicAna/fMuonEnergy

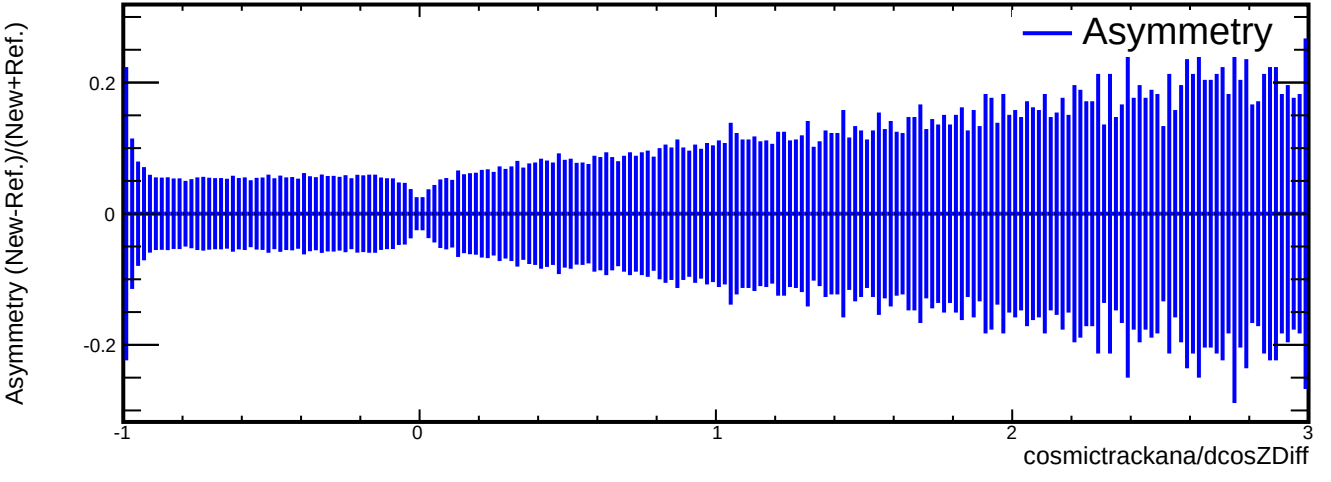

2012-06-15
2012-06-16
Events
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosXDiff

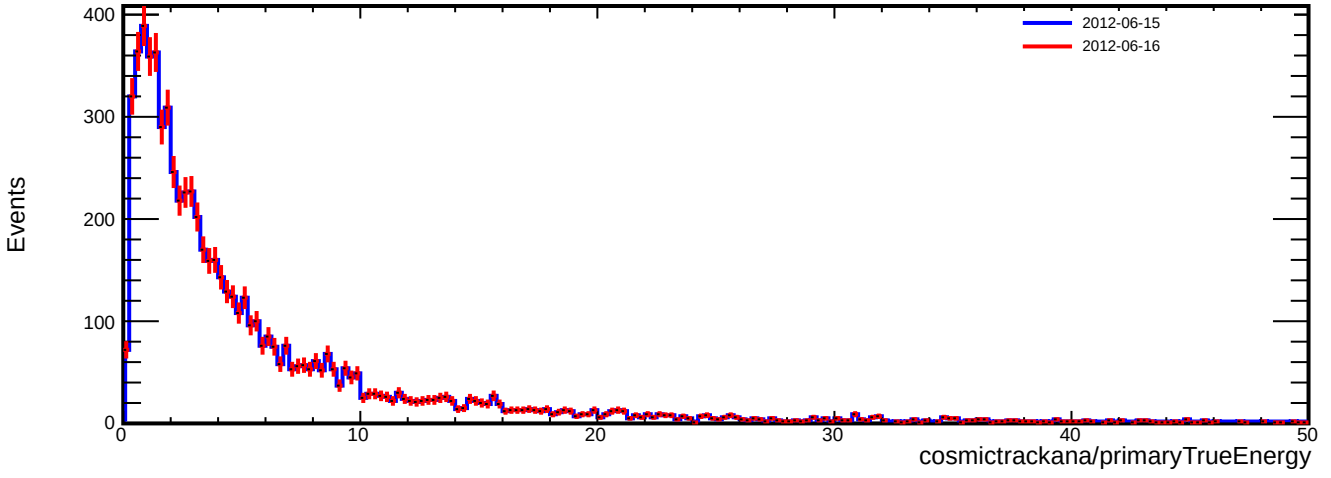

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
-1
0
1
2
3
cosmictrackana/dcosXDiff

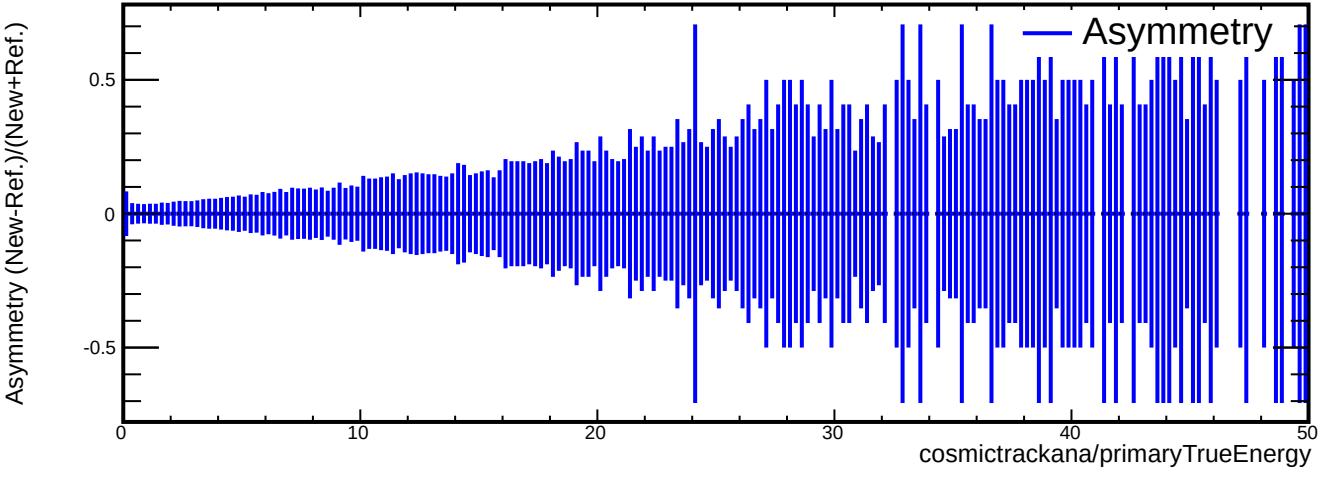

2012-06-15
2012-06-16
Events
1400
1200
1000
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosYDiff

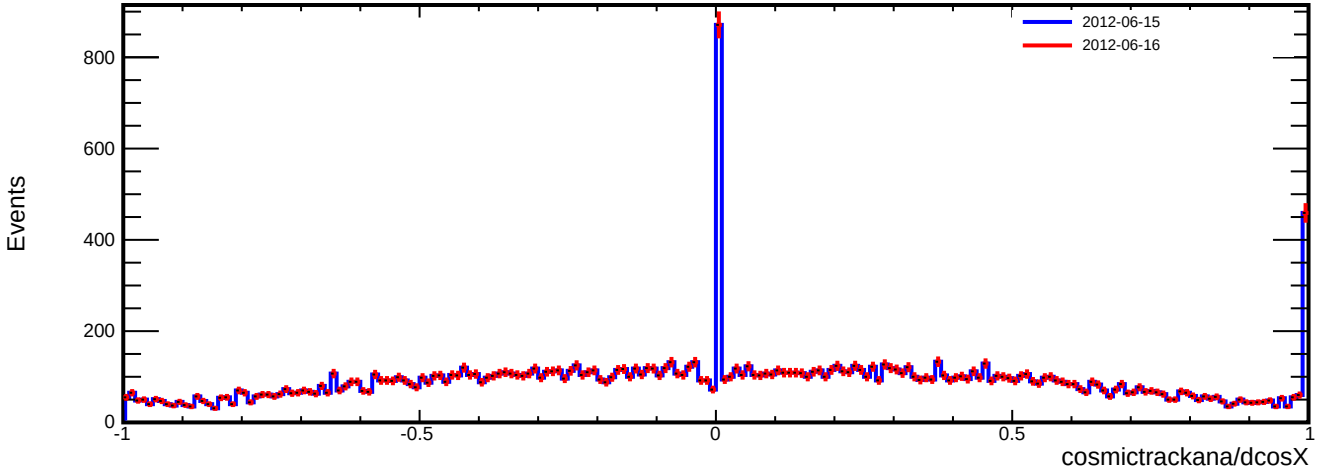

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1
0
1
2
3
cosmictrackana/dcosYDiff

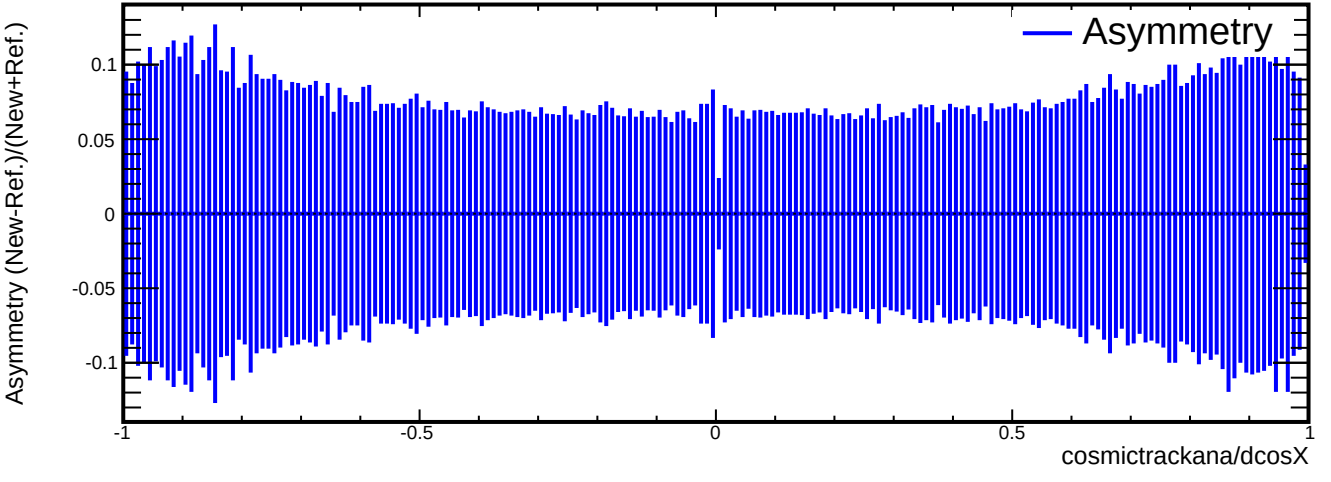

Events
800
600
400
200
0
-1
0
1
2
3
cosmictrackana/dcosZDiff
2012-06-15
2012-06-16

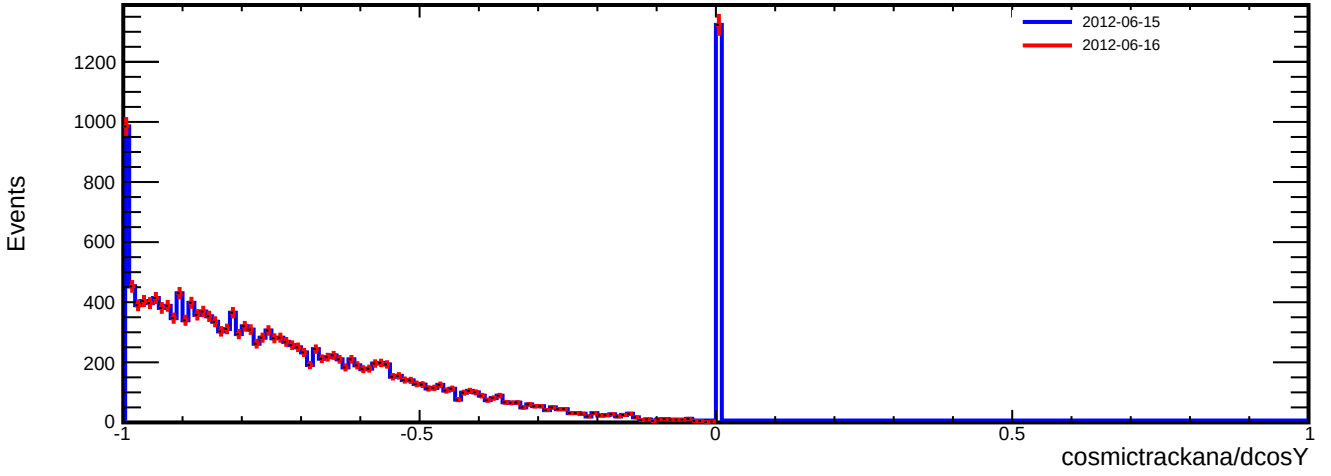

Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
-1
0
1
2
3
cosmictrackana/dcosZDiff
Asymmetry

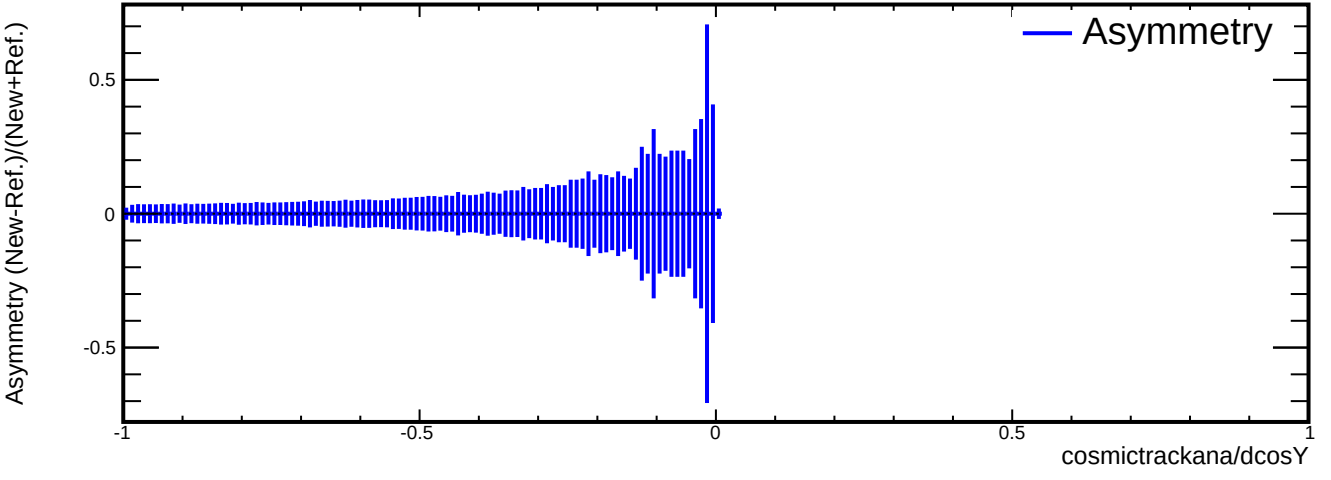

Events
400
300
200
100
0
0
10
20
30
40
50
cosmictrackana/primaryTrueEnergy
2012-06-15
2012-06-16

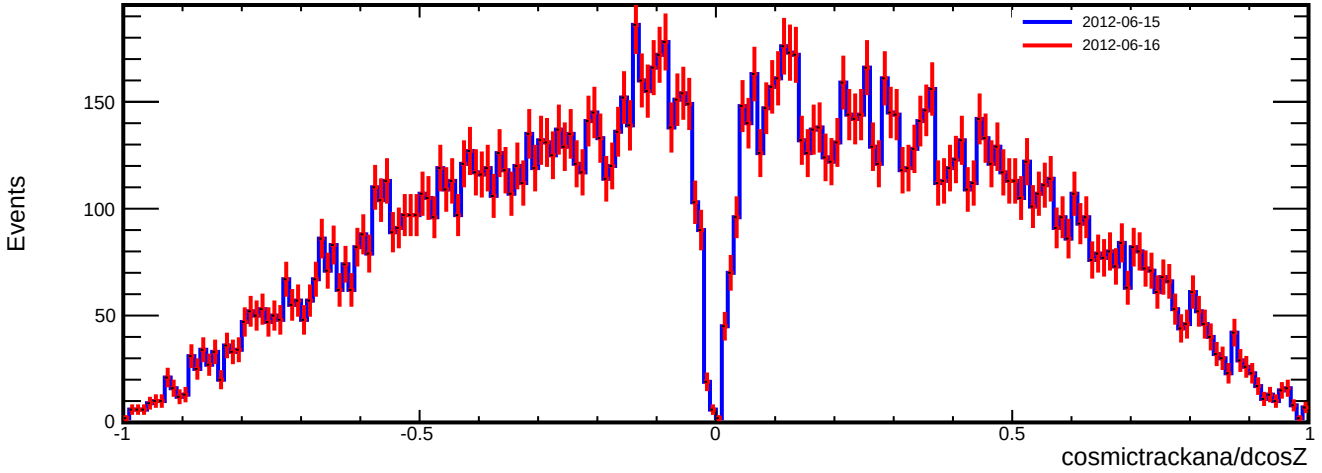

Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
10
20
30
40
50
cosmictrackana/primaryTrueEnergy
Asymmetry

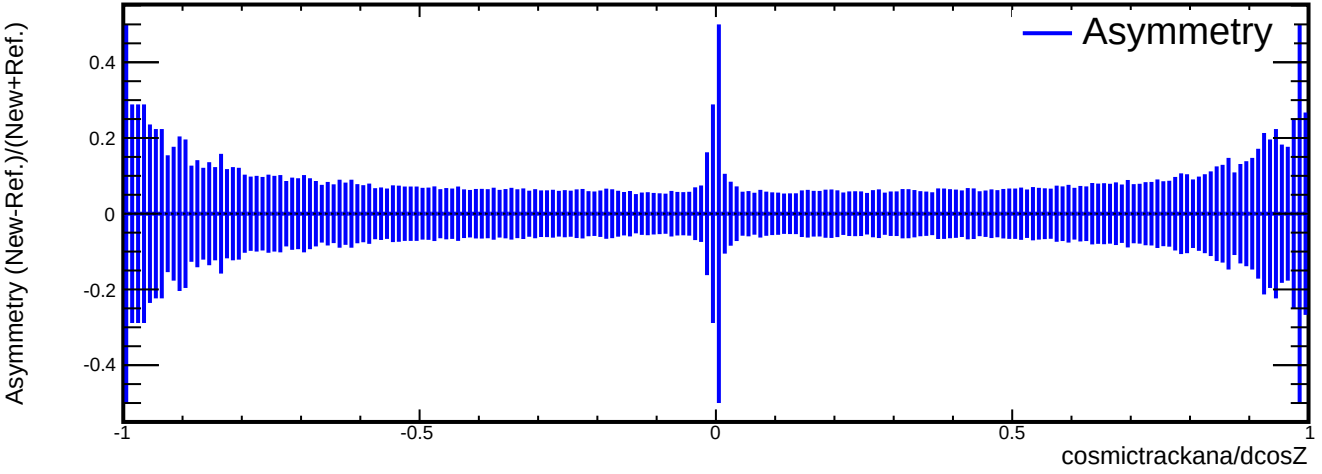

2012-06-15
2012-06-16
Events
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

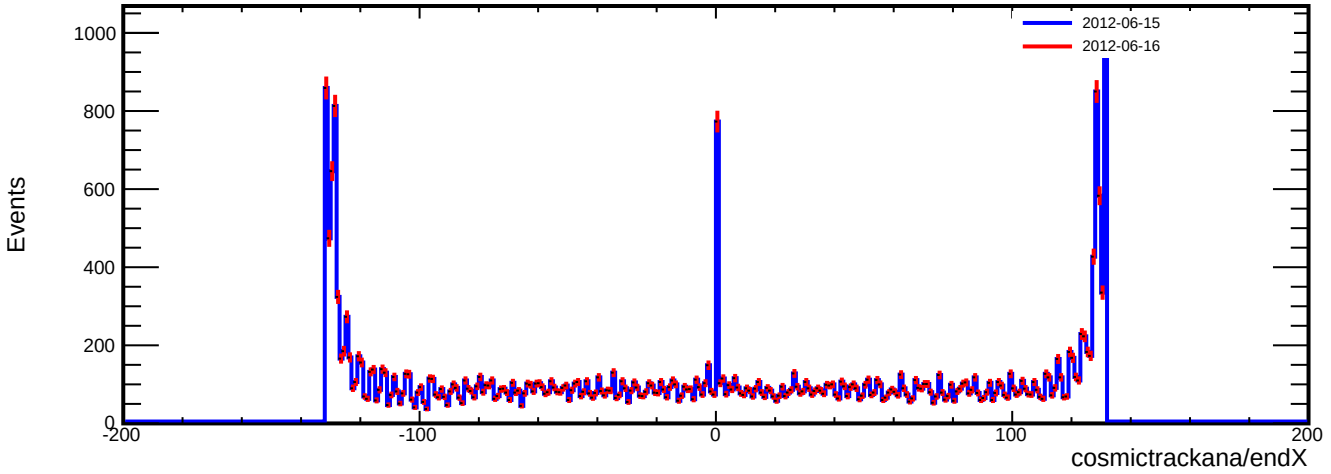

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.1
0.05
0
-0.05
-0.1
-1
-0.5
0
0.5
1
cosmictrackana/dcosX

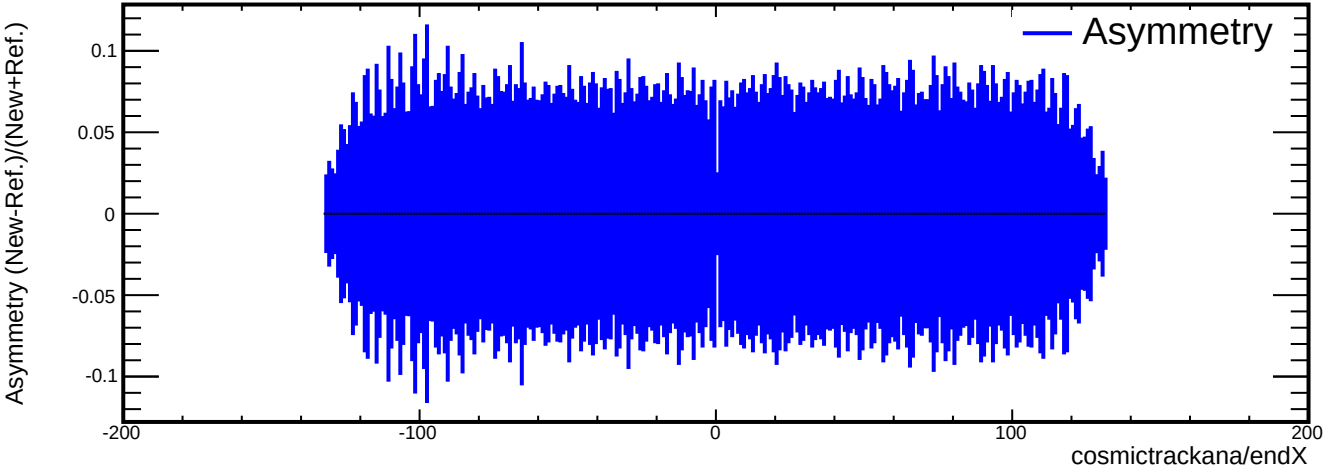

2012-06-15
2012-06-16
Events
1200
1000
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosY

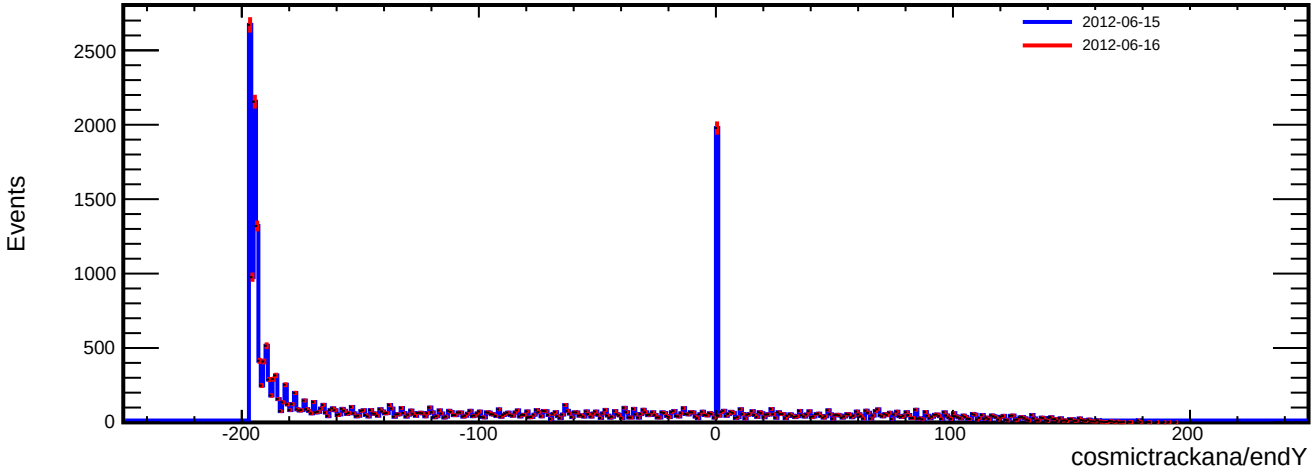

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dcosY

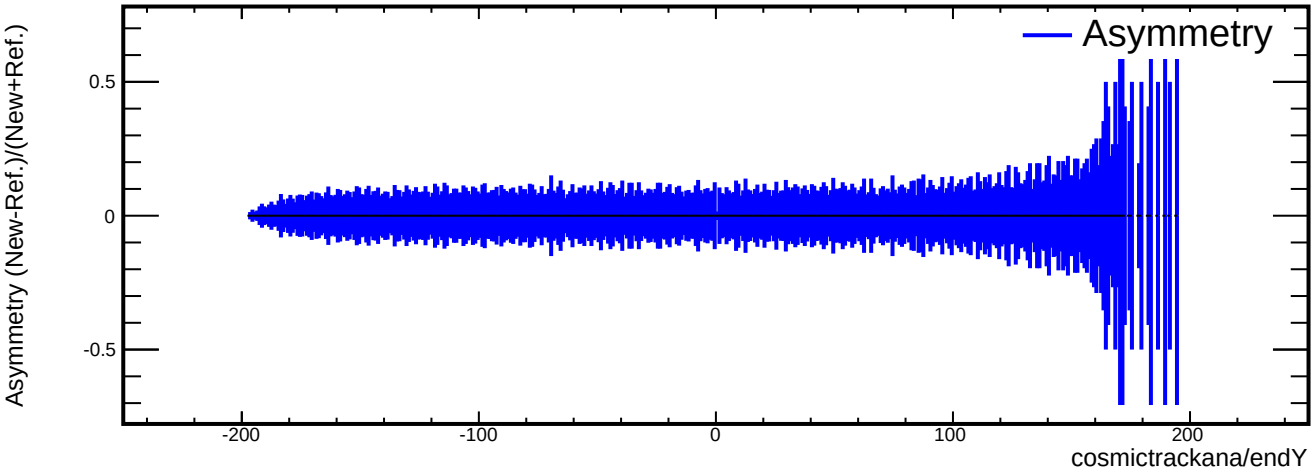

2012-06-15
2012-06-16
Events
150
100
50
0
-1
-0.5
0
0.5
1
cosmictrackana/dcosZ

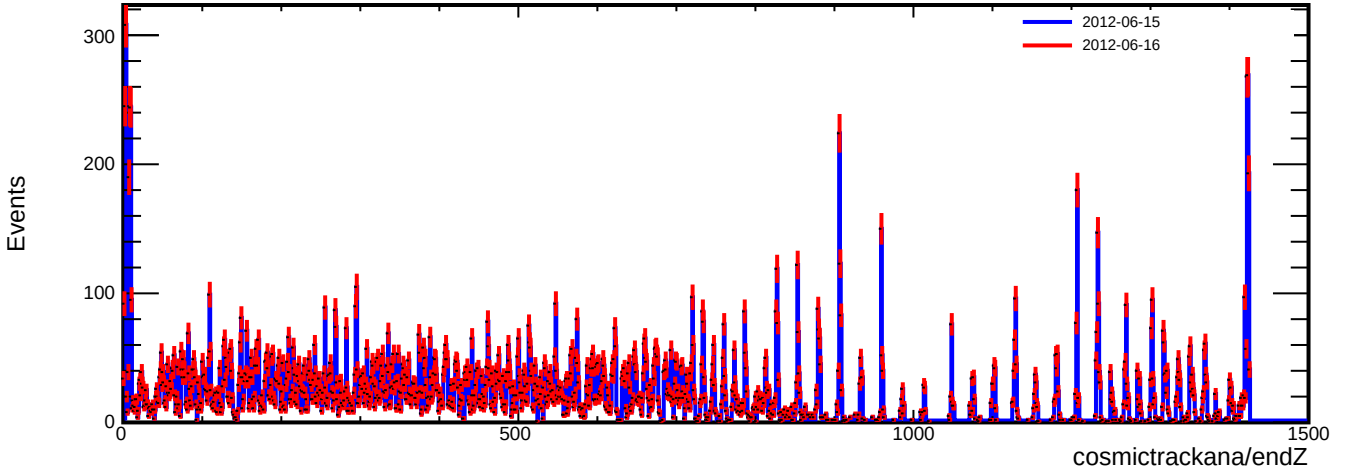

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.4
0.2
0
-0.2
-0.4
-1
-0.5
0
0.5
1
cosmictrackana/dcosZ

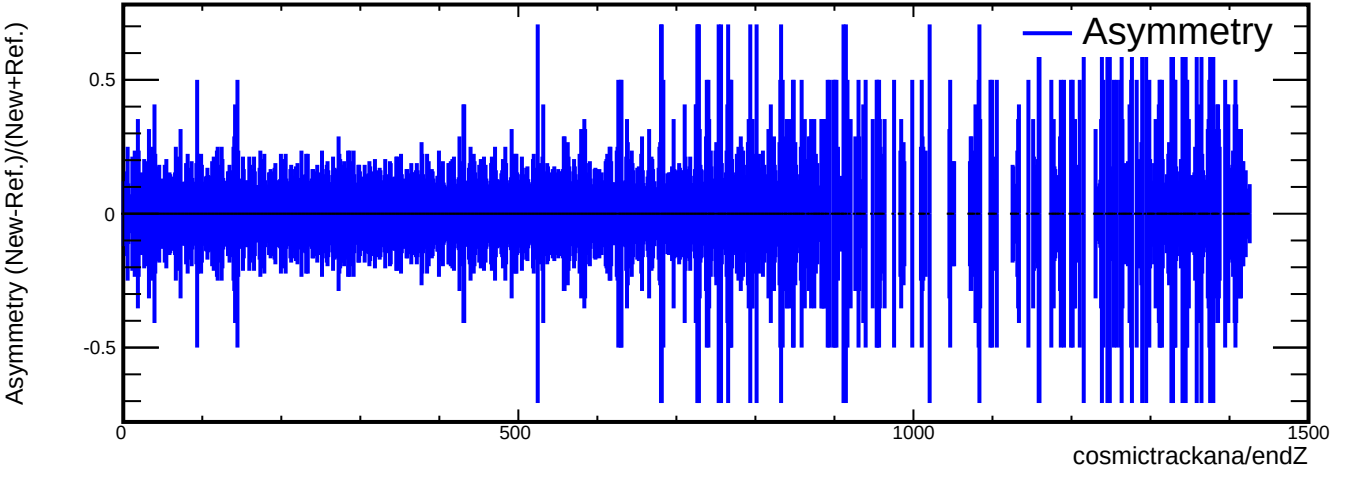

2012-06-15
2012-06-16
Events
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/endX

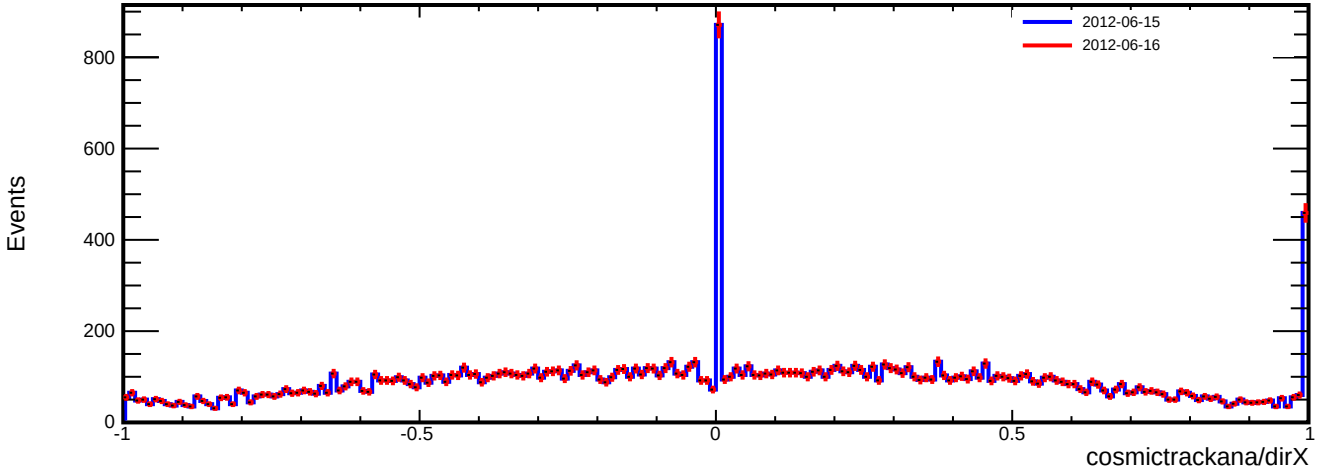

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.1
0.05
0
-0.05
-0.1
-200
-100
0
100
200
cosmictrackana/endX

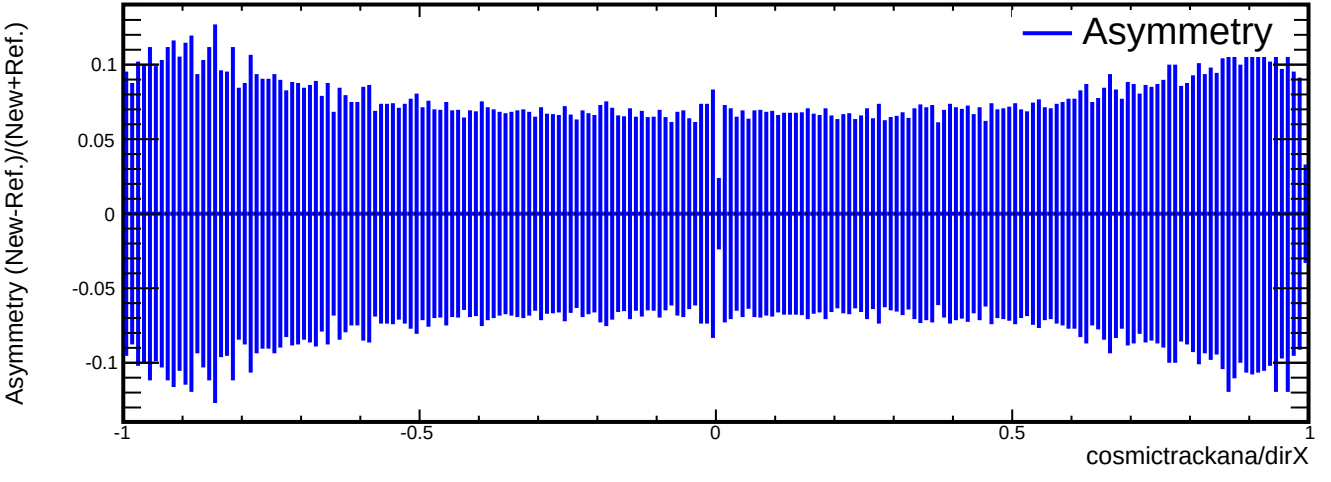

2012-06-15
2012-06-16
Events
2500
2000
1500
1000
500
0
-200
-100
0
100
200
cosmictrackana/endY

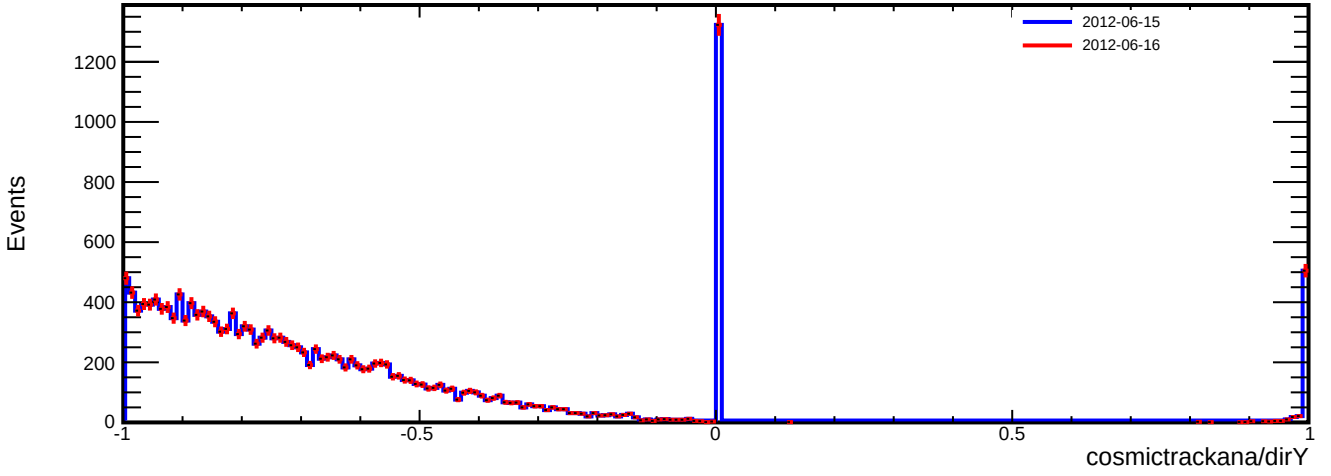

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/endY

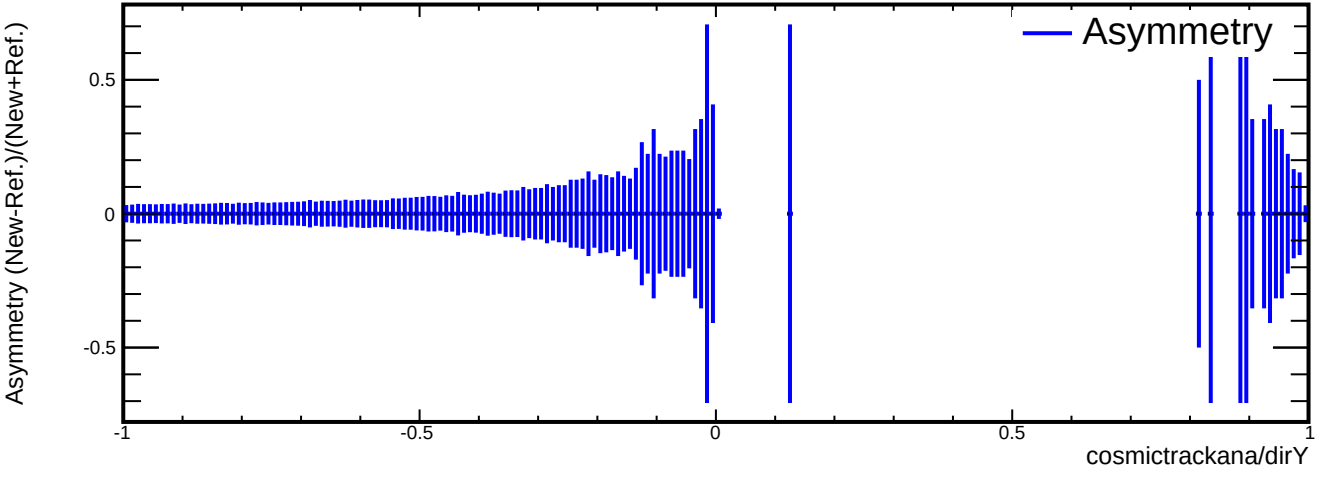

2012-06-15
2012-06-16
Events
300
200
100
0
0
500
1000
1500
cosmictrackana/endZ

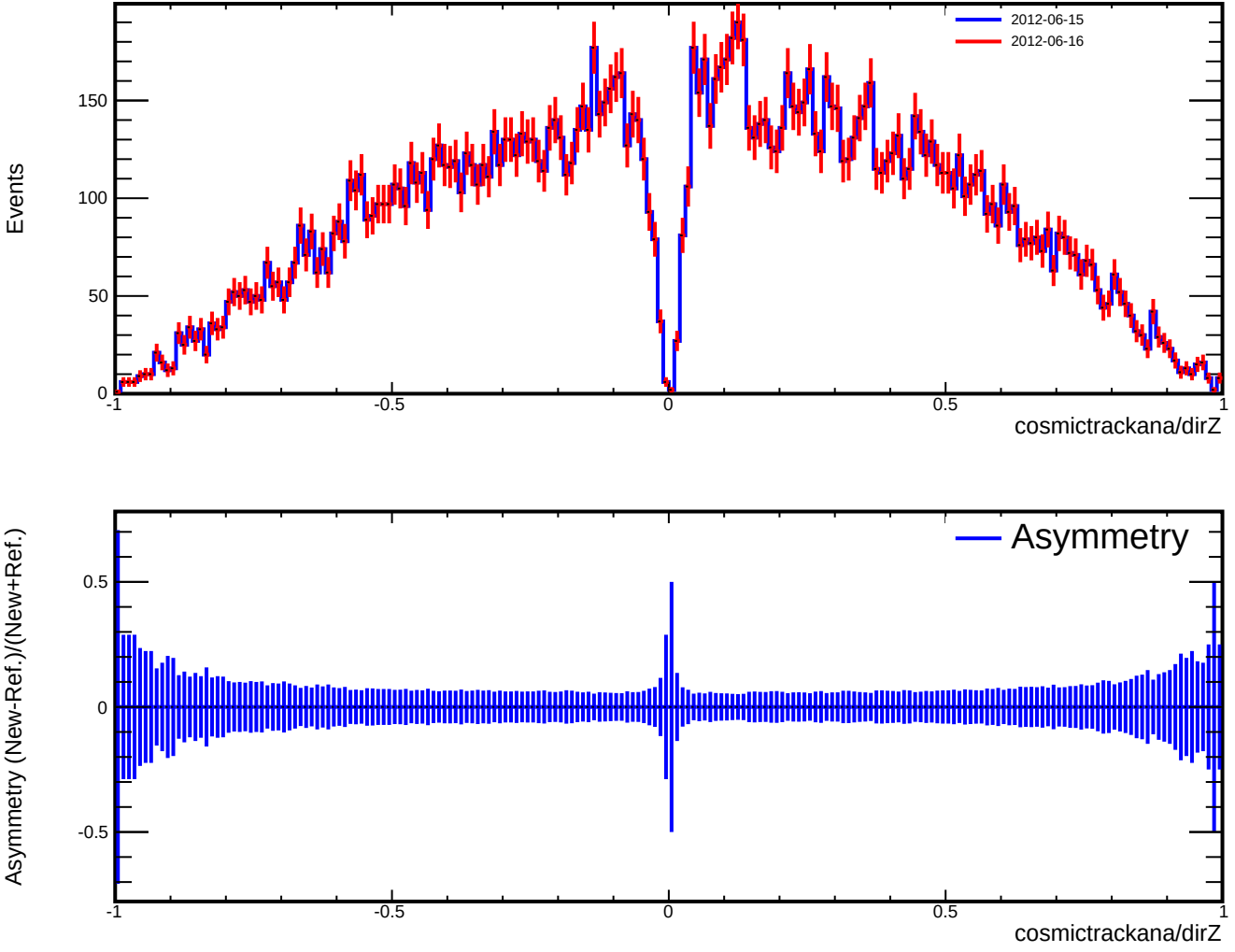

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
500
1000
1500
cosmictrackana/endZ

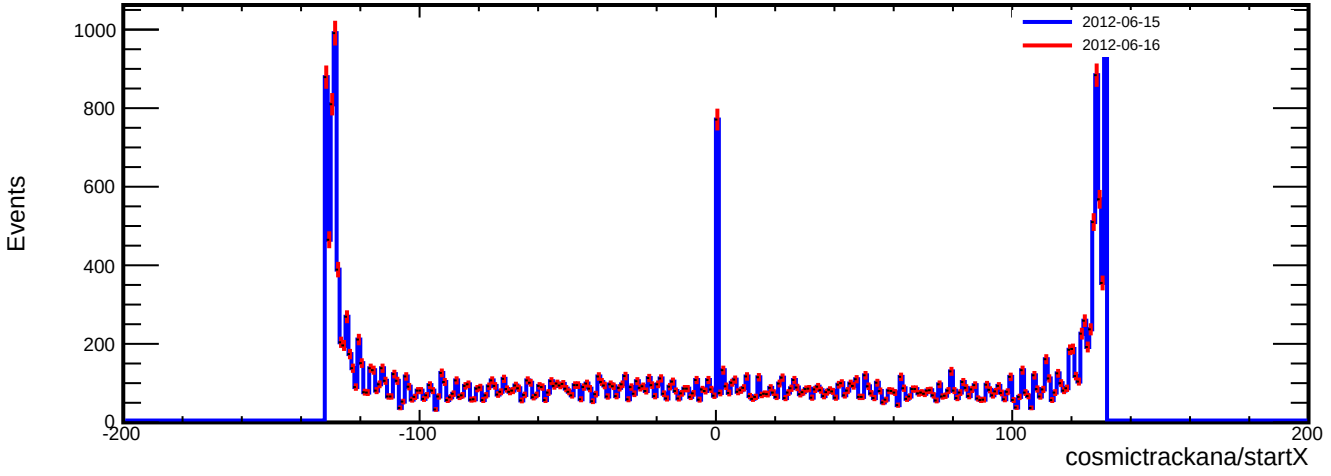

2012-06-15
2012-06-16
Events
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dirX

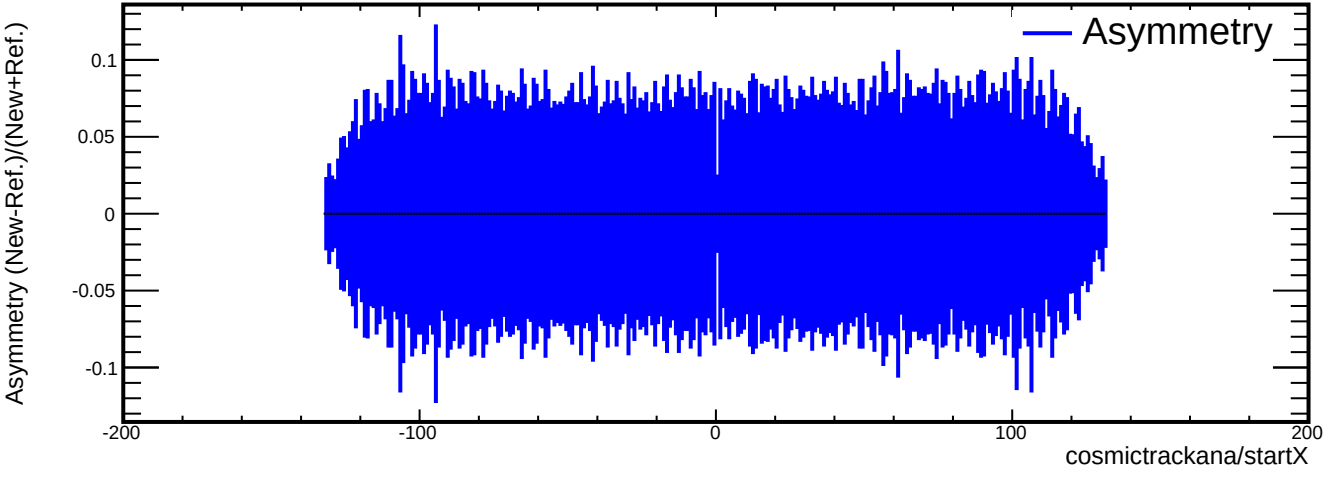

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.1
0.05
0
-0.05
-0.1
-1
-0.5
0
0.5
1
cosmictrackana/dirX

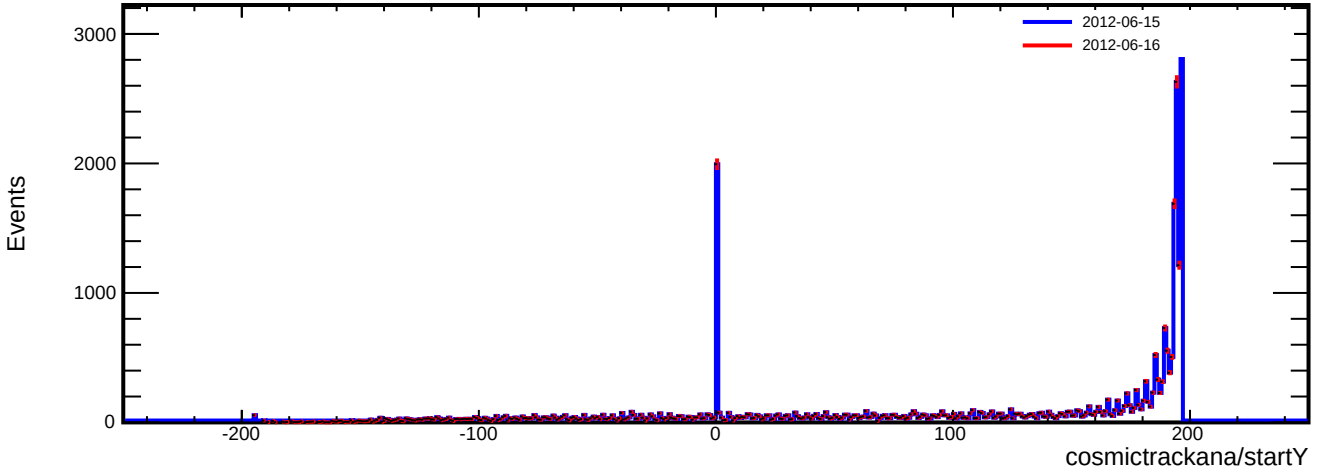

2012-06-15
2012-06-16
Events
1200
1000
800
600
400
200
0
-1
-0.5
0
0.5
1
cosmictrackana/dirY

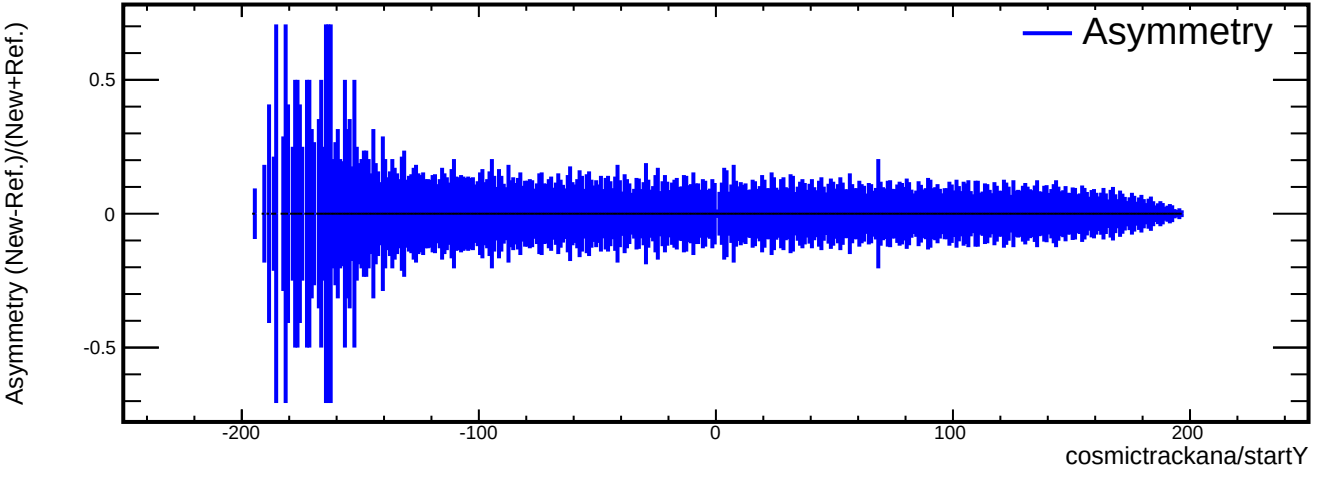

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dirY

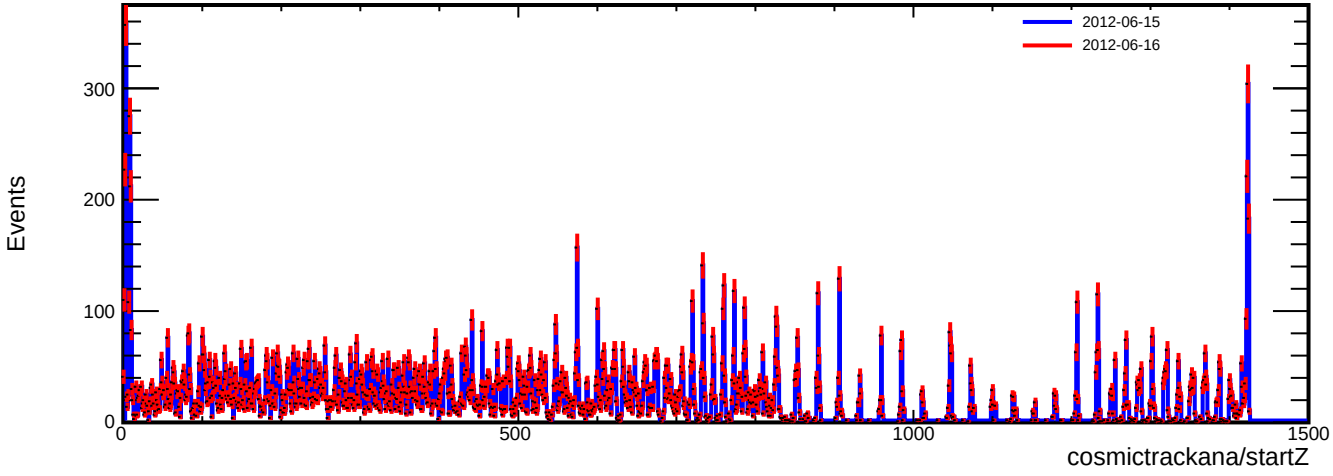

2012-06-15
2012-06-16
Events
150
100
50
0
-1
-0.5
0
0.5
1
cosmictrackana/dirZ
Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1
-0.5
0
0.5
1
cosmictrackana/dirZ

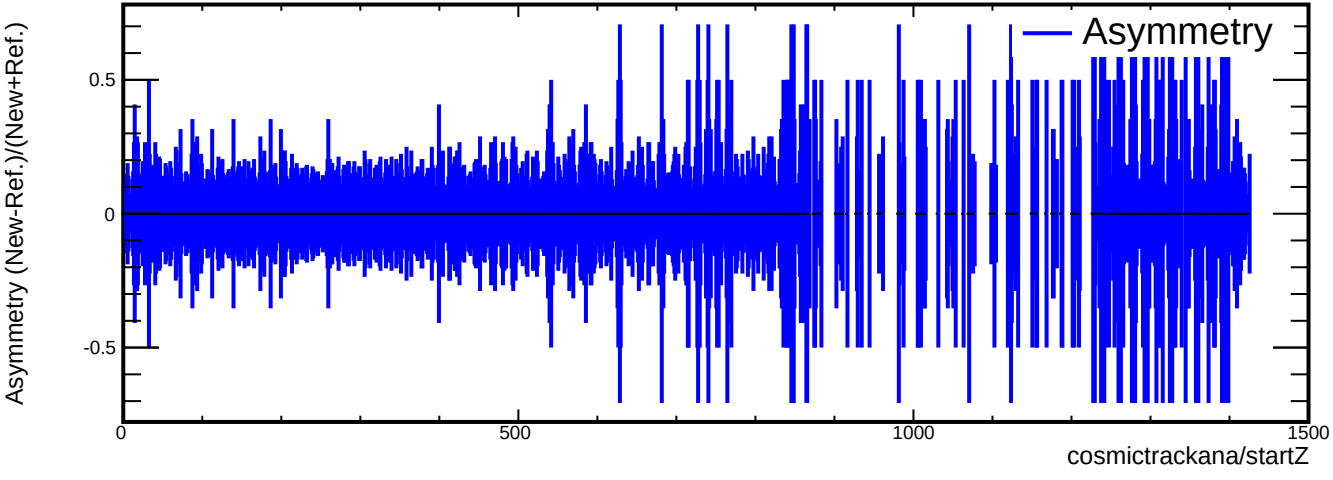

2012-06-15
2012-06-16
Events
1000
800
600
400
200
0
-200
-100
0
100
200
cosmictrackana/startX

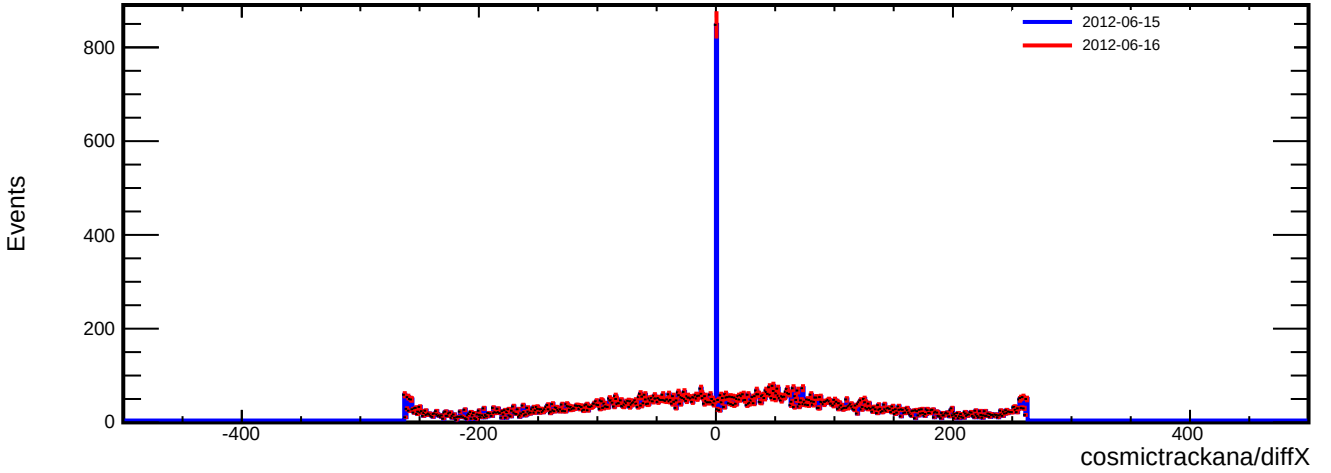

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.1
0.05
0
-0.05
-0.1
-200
-100
0
100
200
cosmictrackana/startX

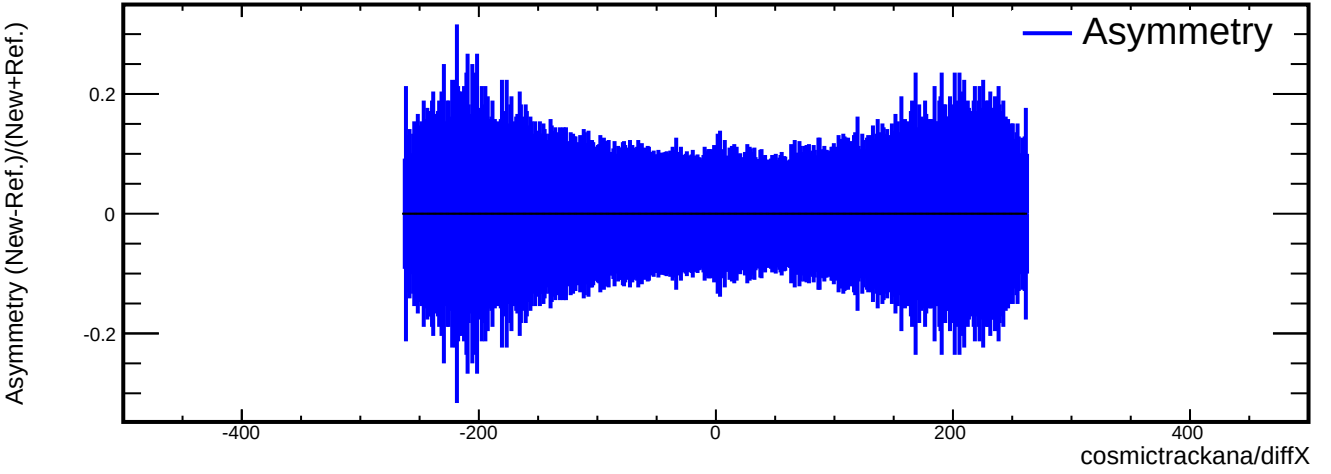

2012-06-15
2012-06-16
Events
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/startY

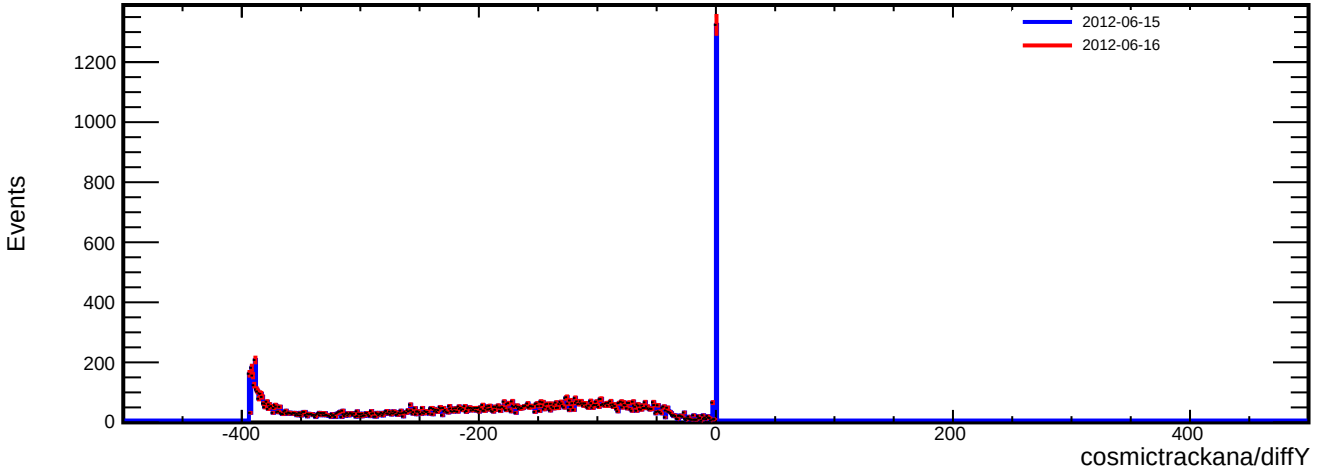

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/startY

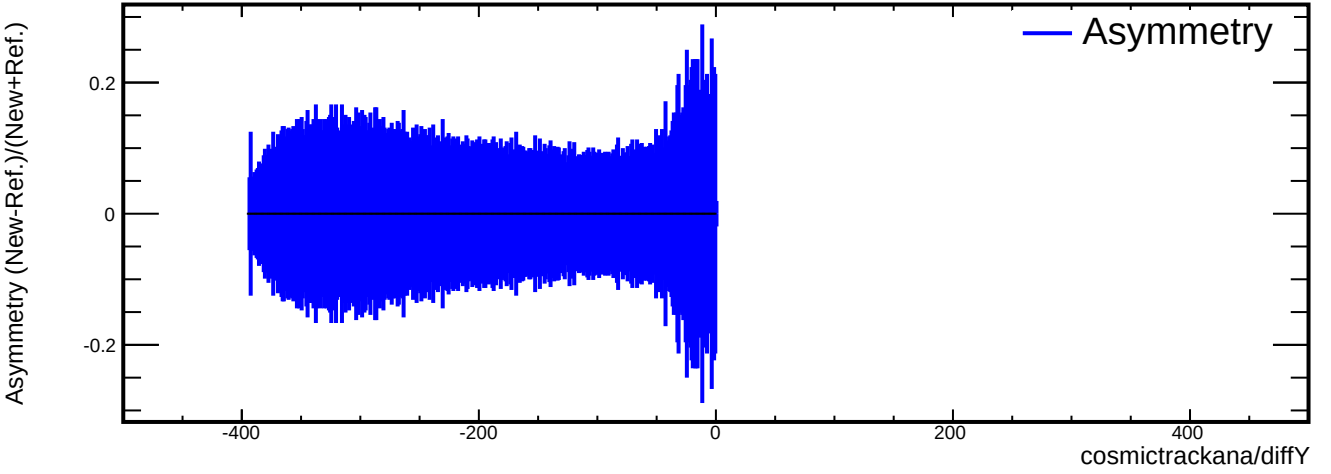

2012-06-15
2012-06-16
Events
300
200
100
0
0
500
1000
1500
cosmictrackana/startZ

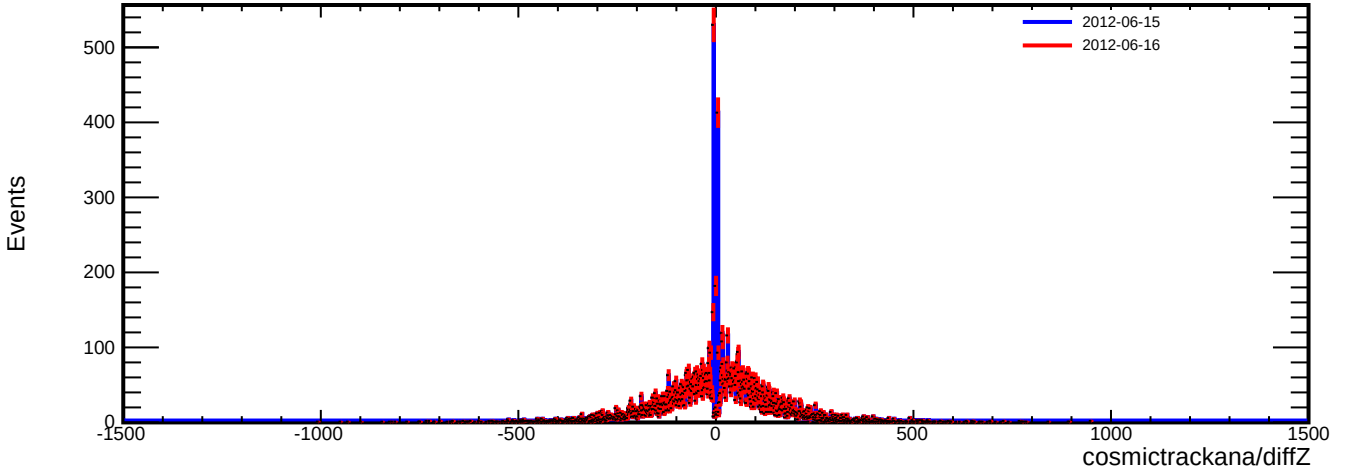

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
500
1000
1500
cosmictrackana/startZ

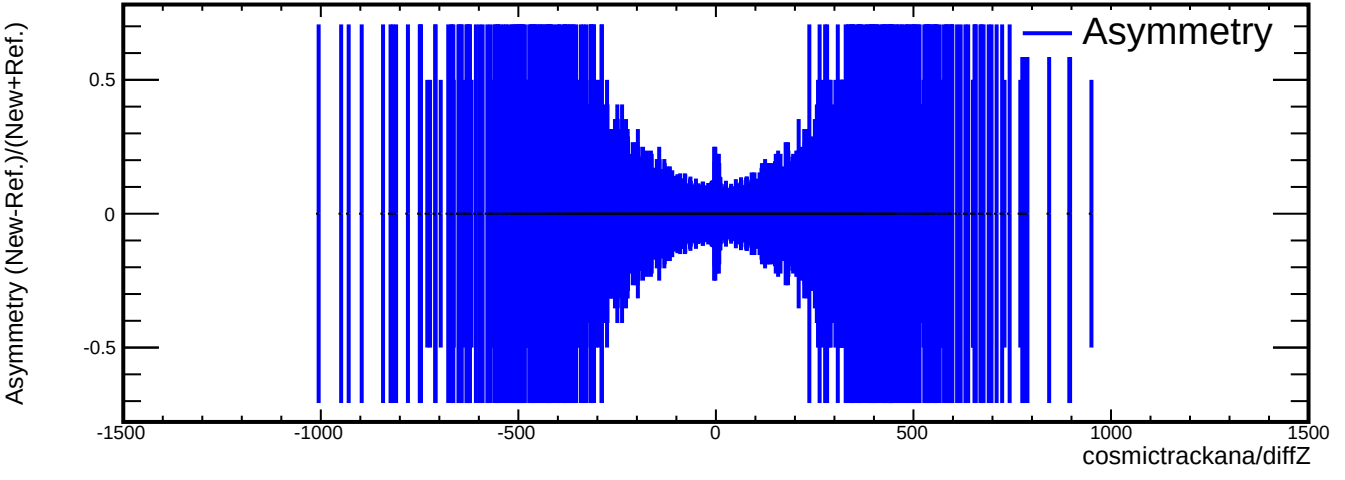

2012-06-15
2012-06-16
Events
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffX

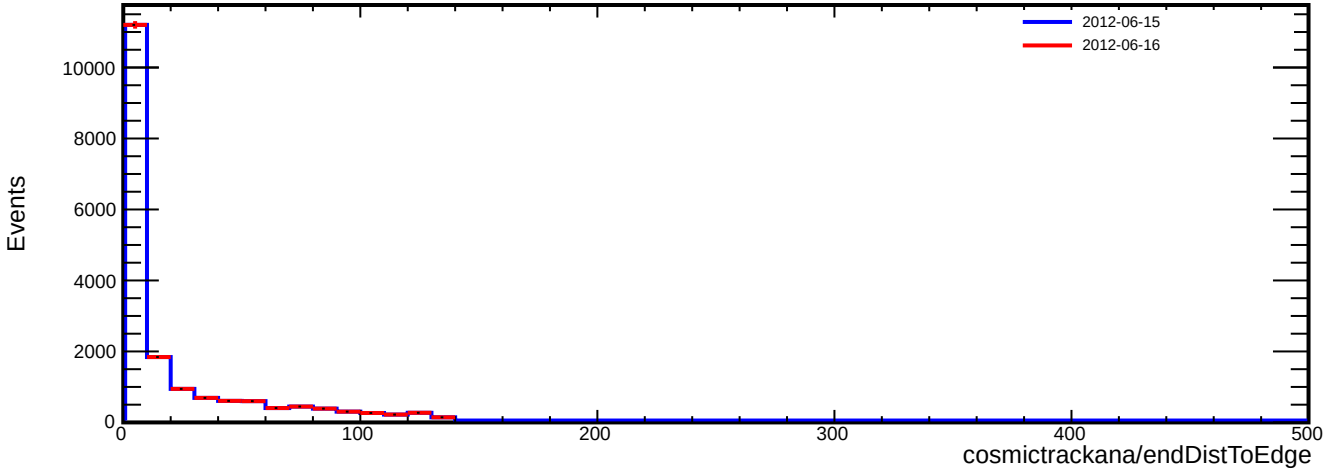

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
-400
-200
0
200
400
cosmictrackana/diffX

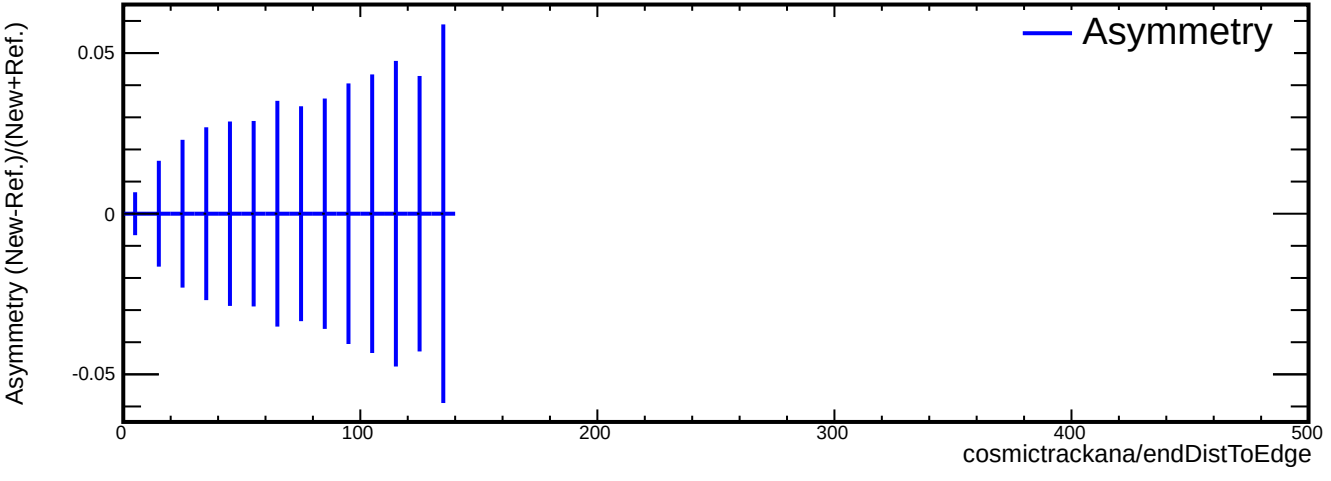

2012-06-15
2012-06-16
Events
1200
1000
800
600
400
200
0
-400
-200
0
200
400
cosmictrackana/diffY

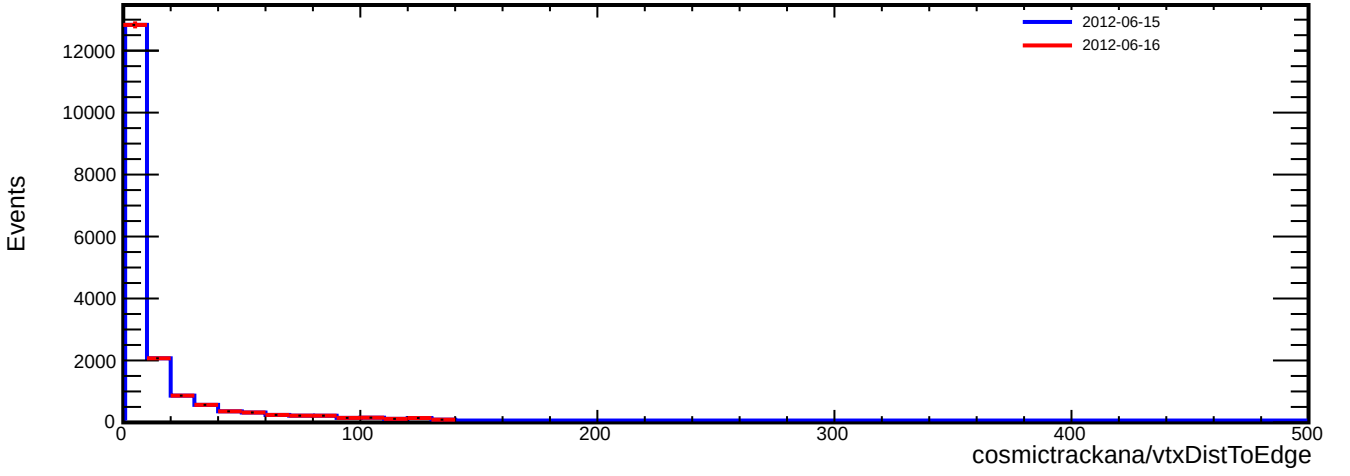

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.2
0
-0.2
-400
-200
0
200
400
cosmictrackana/diffY

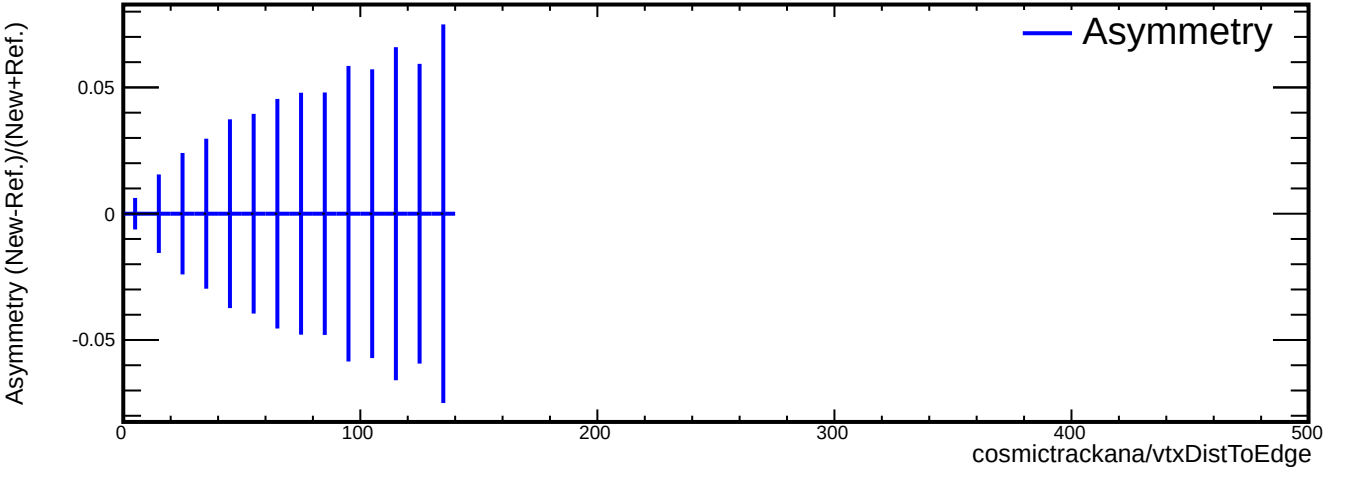

2012-06-15
2012-06-16
Events
500
400
300
200
100
0
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ

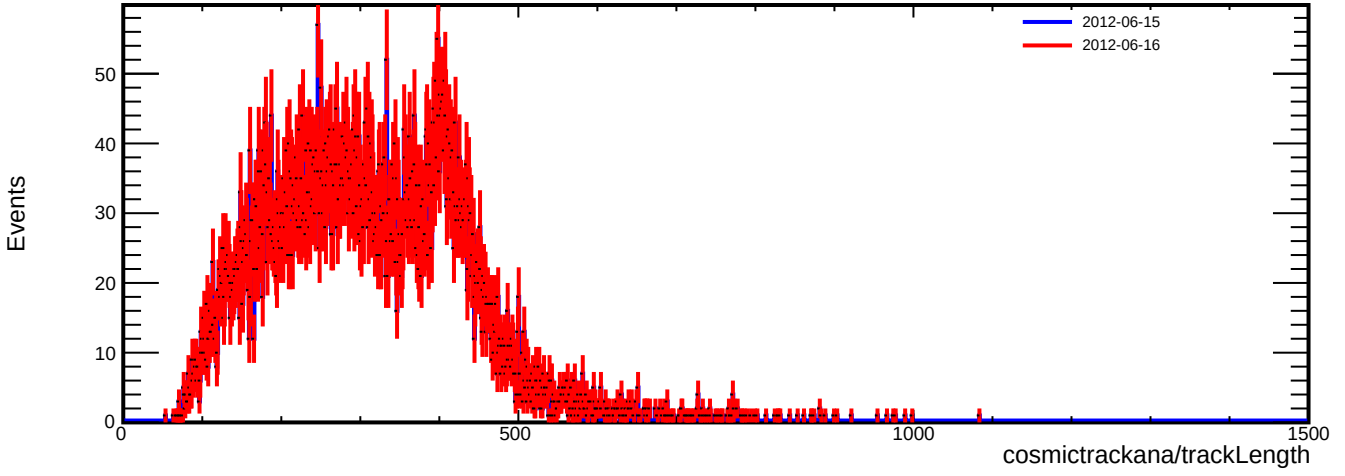

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-1500
-1000
-500
0
500
1000
1500
cosmictrackana/diffZ

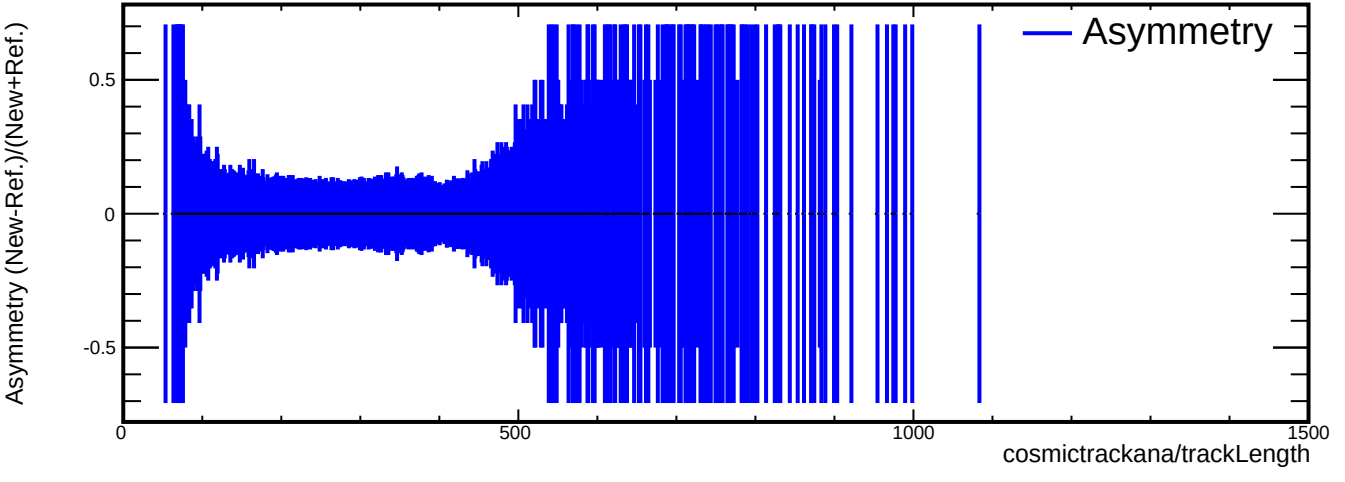

2012-06-15
2012-06-16
Events
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/endDistToEdge

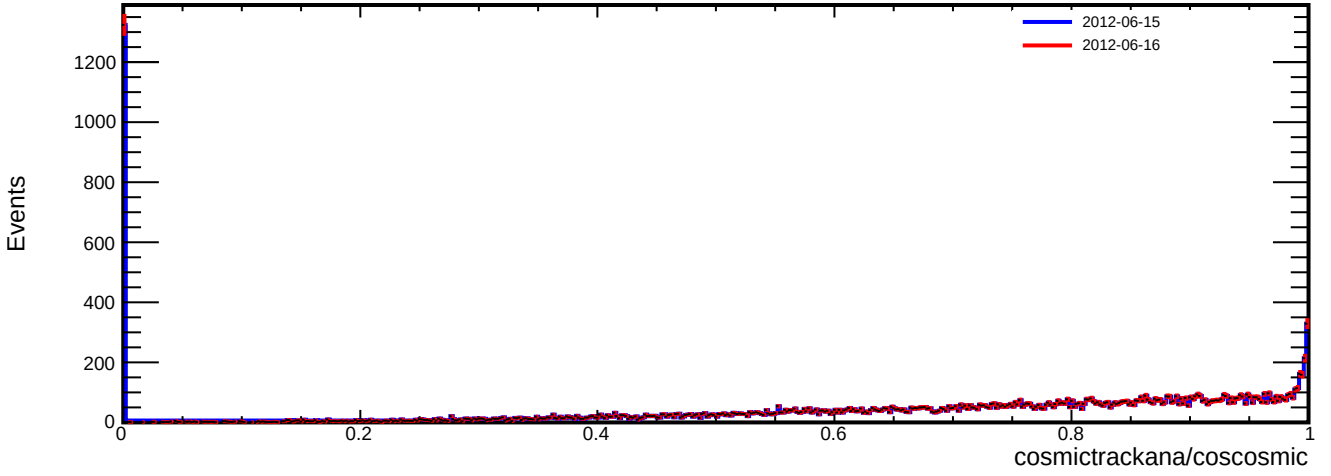

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.05
0
-0.05
0
100
200
300
400
500
cosmictrackana/endDistToEdge

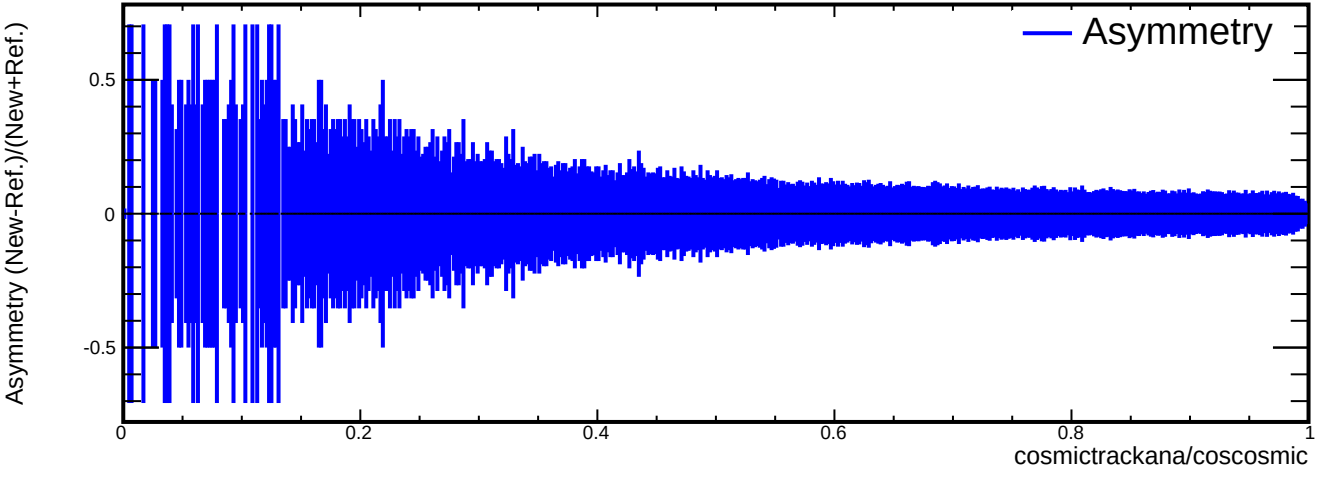

2012-06-15
2012-06-16
Events
12000
10000
8000
6000
4000
2000
0
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

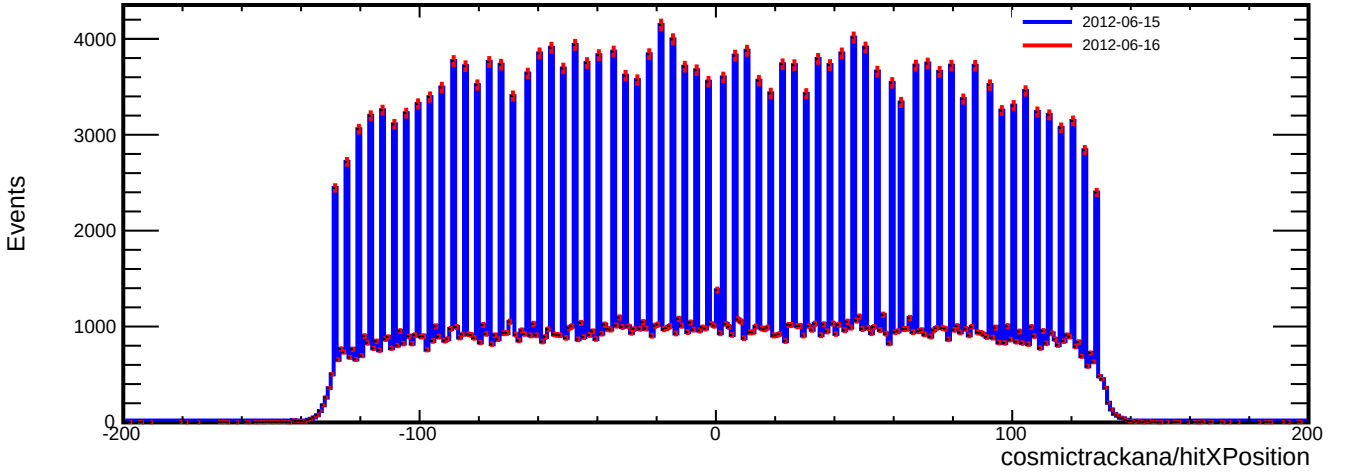

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.05
0
-0.05
0
100
200
300
400
500
cosmictrackana/vtxDistToEdge

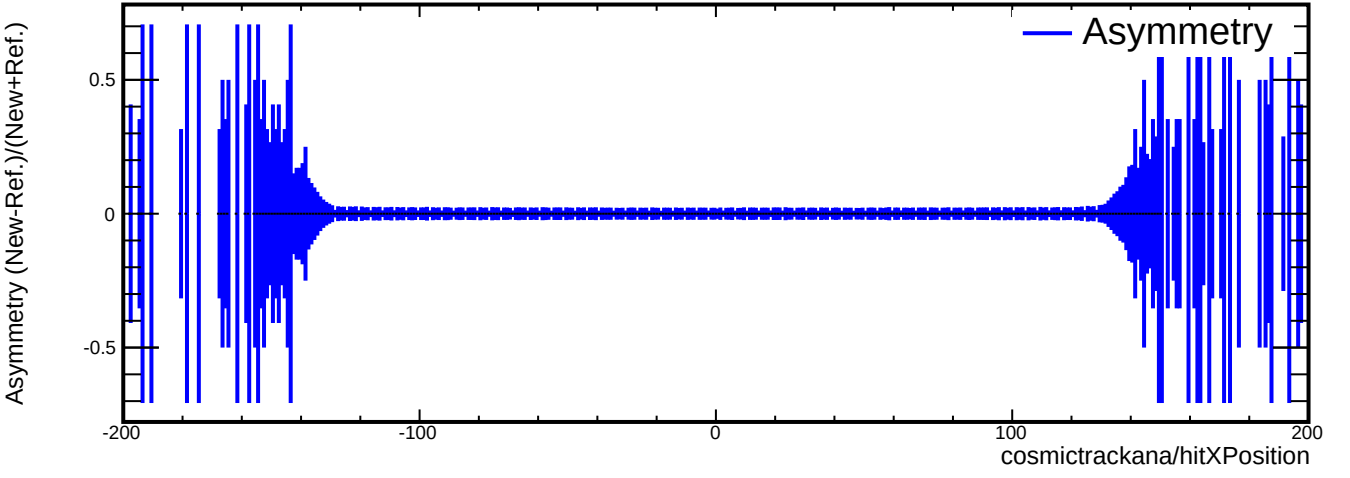

2012-06-15
2012-06-16
Events
0
10
20
30
40
50
0
500
1000
1500
cosmictrackana/trackLength

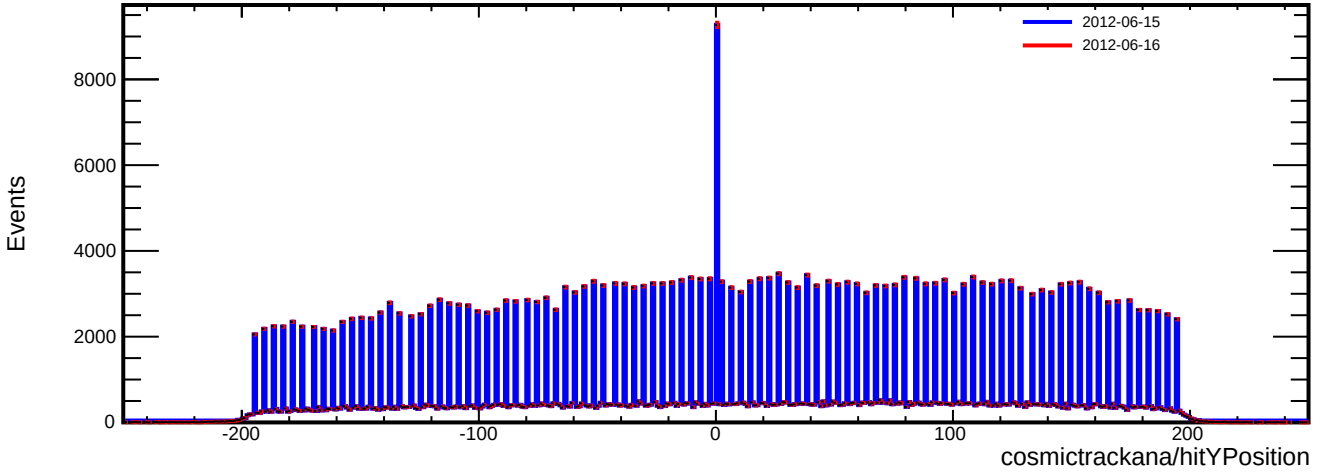

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
500
1000
1500
cosmictrackana/trackLength

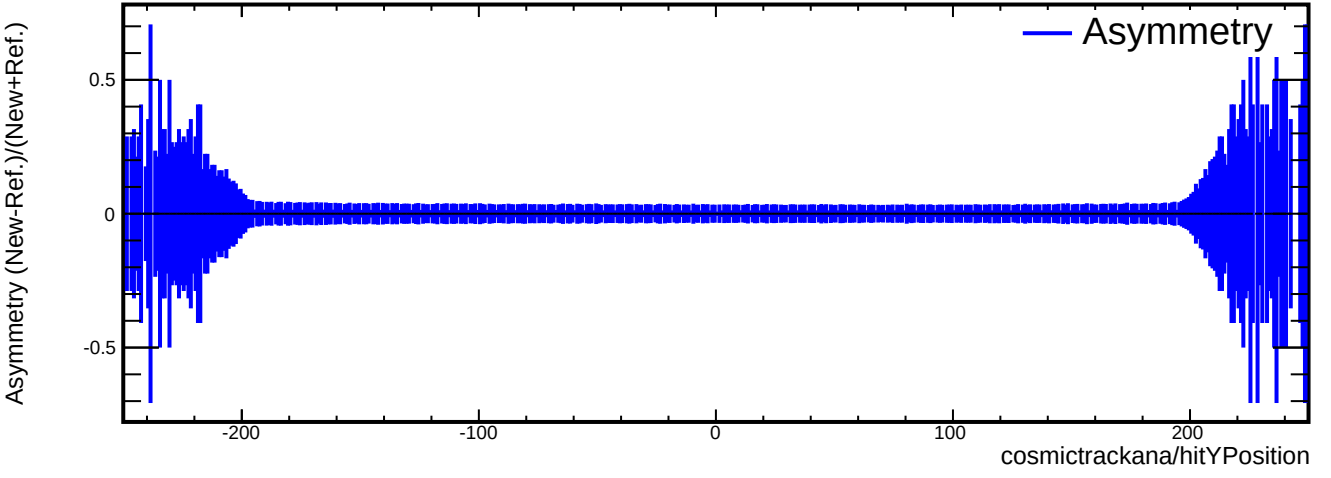

2012-06-15
2012-06-16
Events
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
cosmictrackana/coscosmic

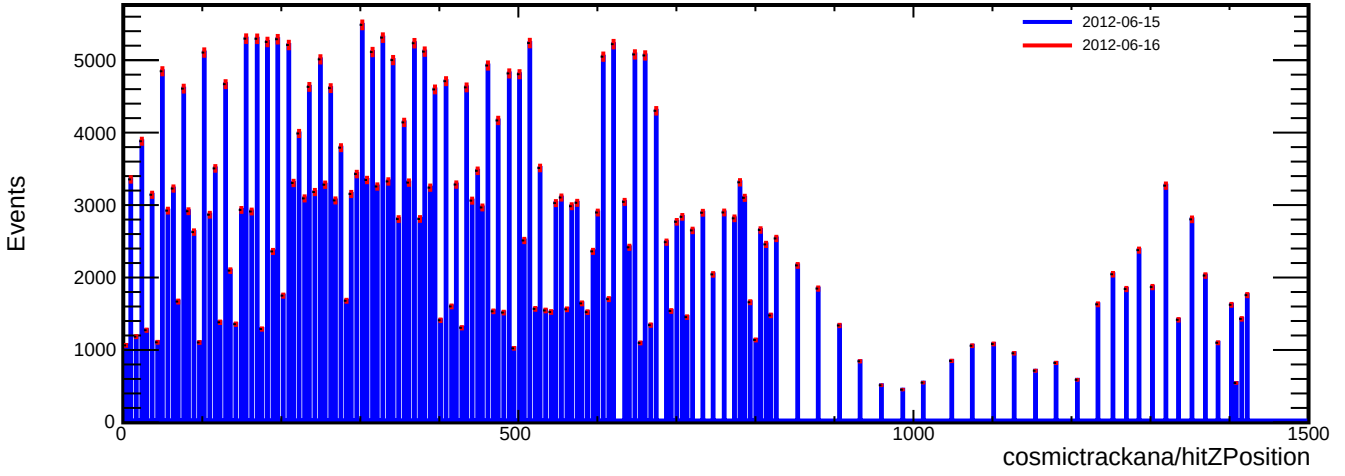

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
0.2
0.4
0.6
0.8
1
cosmictrackana/coscosmic

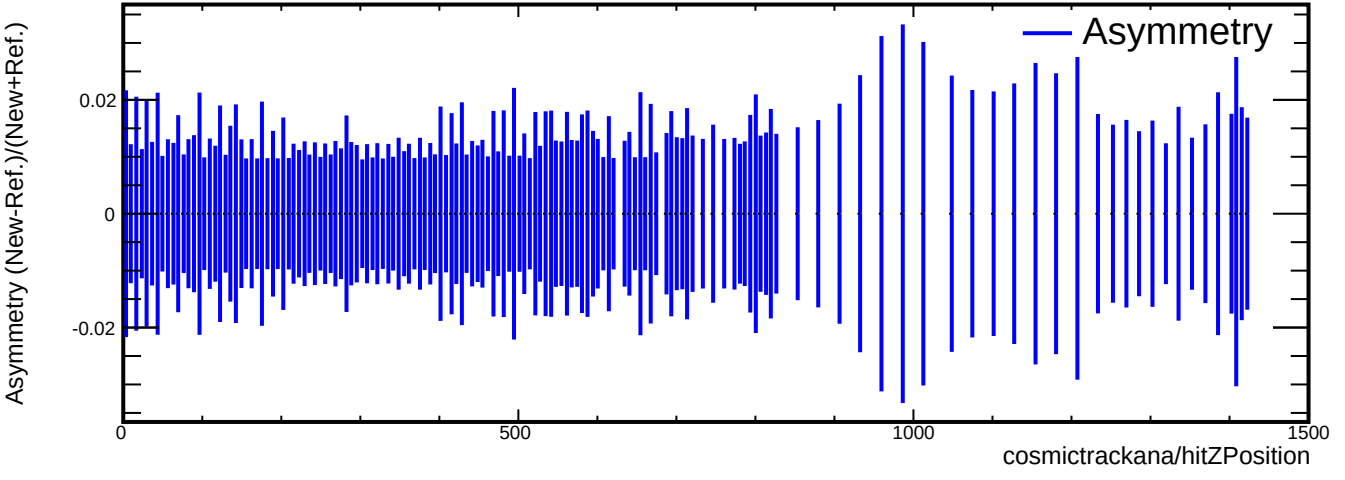

2012-06-15
2012-06-16
Events
4000
3000
2000
1000
0
-200
-100
0
100
200
cosmictrackana/hitXPosition

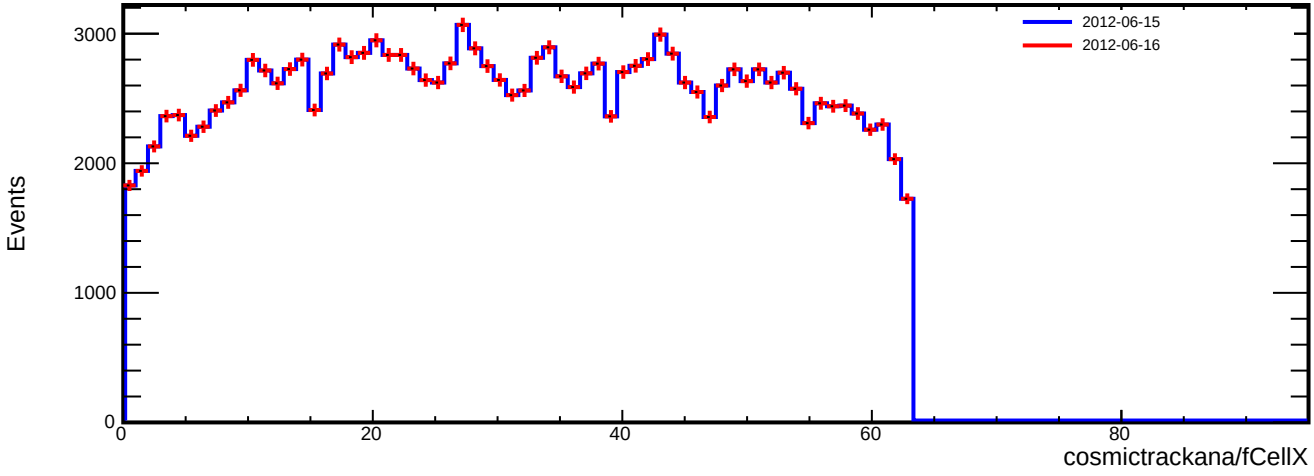

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/hitXPosition

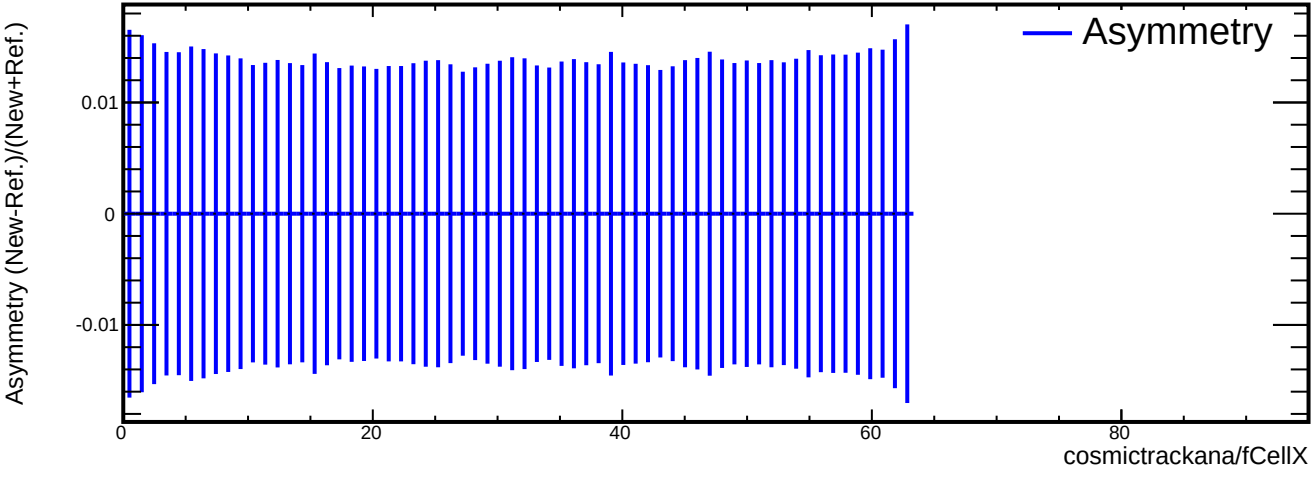

2012-06-15
2012-06-16
Events
8000
6000
4000
2000
0
-200
-100
0
100
200
cosmictrackana/hitYPosition

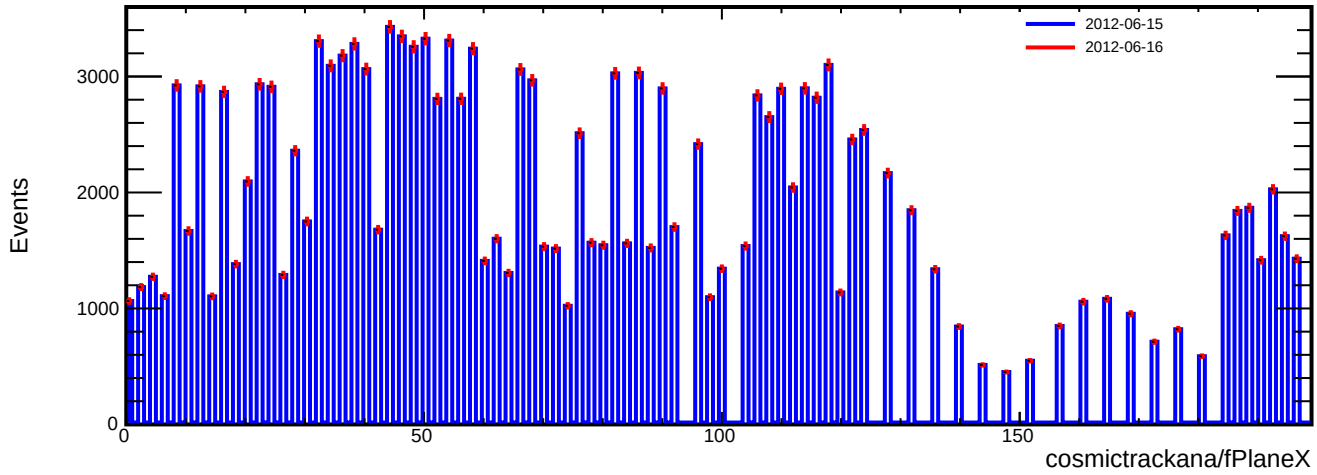

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
-200
-100
0
100
200
cosmictrackana/hitYPosition

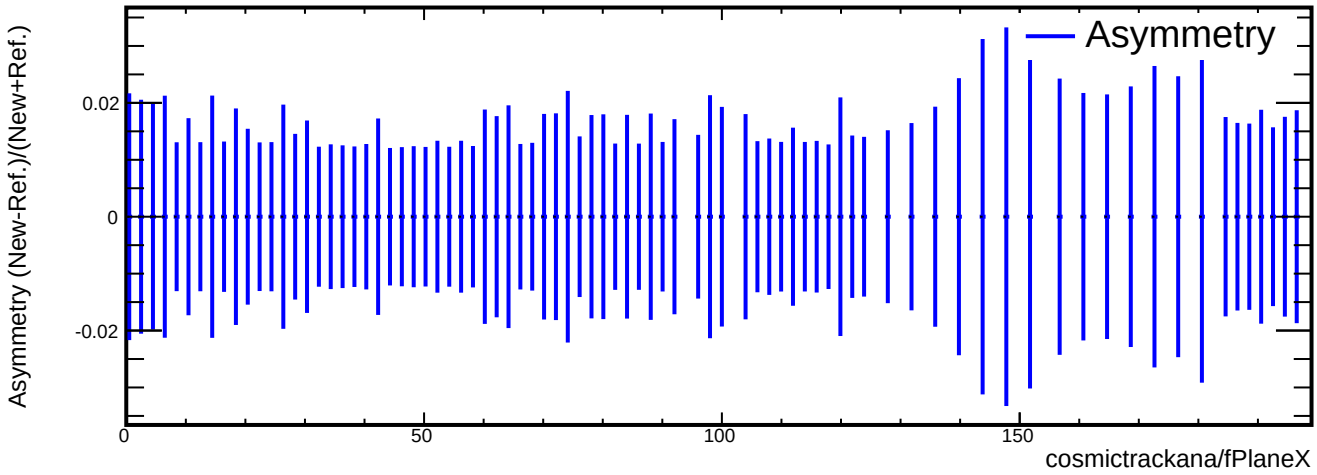

2012-06-15
2012-06-16
Events
0
1000
2000
3000
4000
5000
0
500
1000
1500
cosmictrackana/hitZPosition

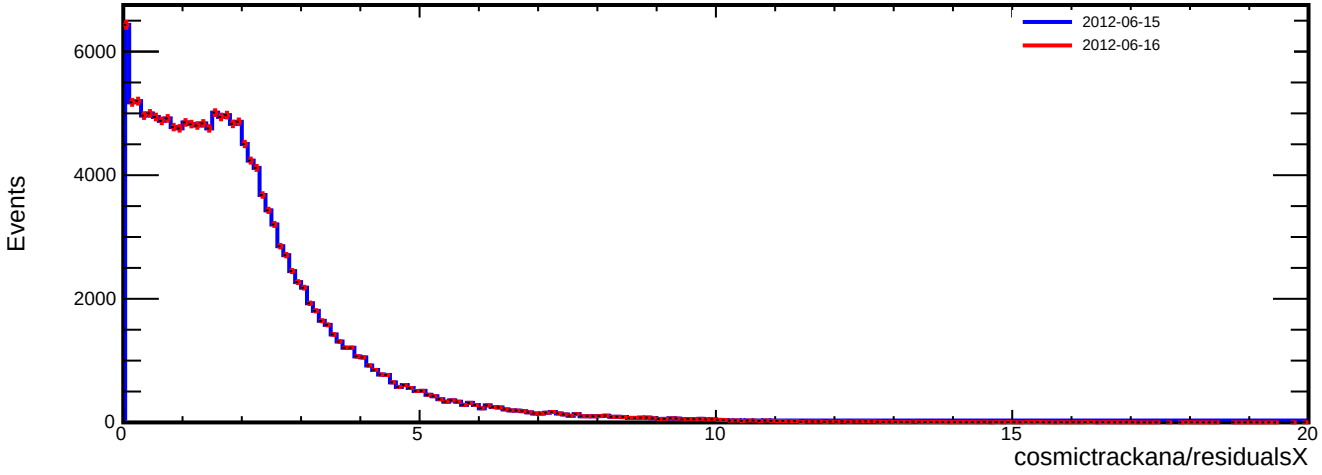

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0
-0.02
0
500
1000
1500
cosmictrackana/hitZPosition

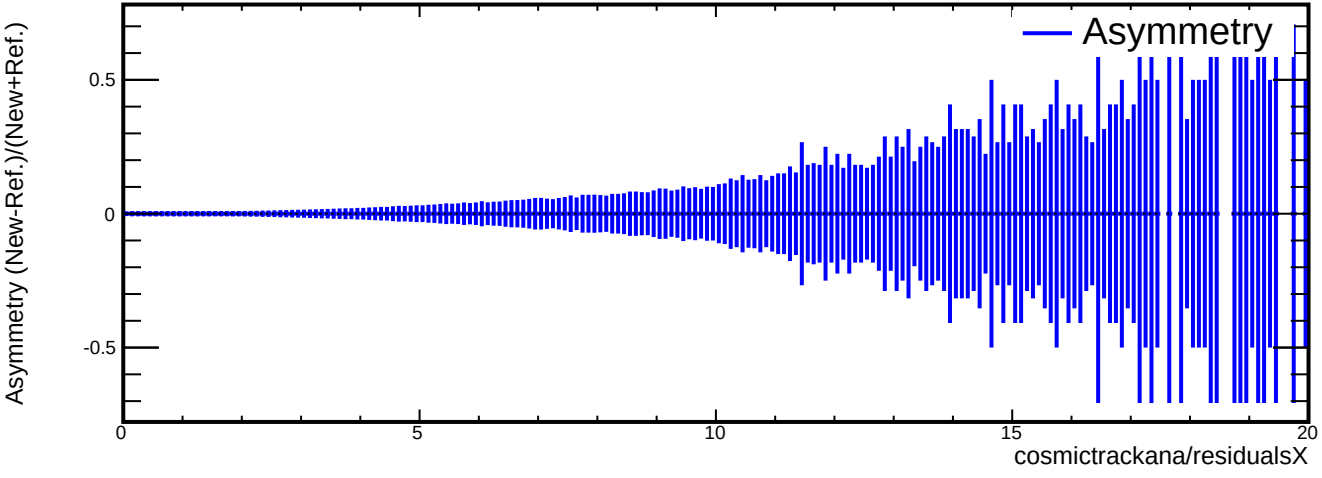

2012-06-15
2012-06-16
Events
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellX

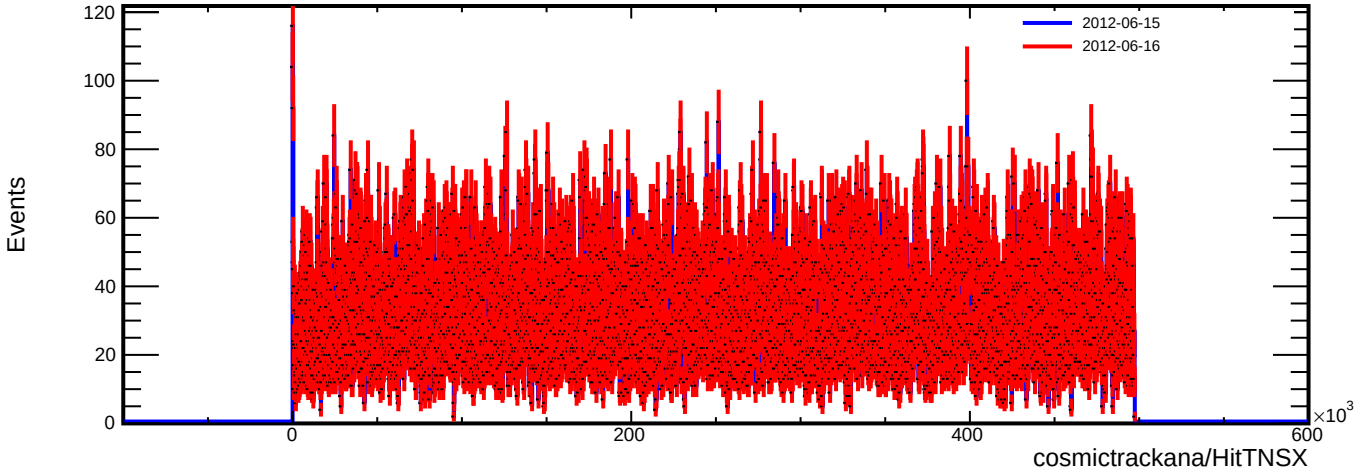

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.01
0
-0.01
0
20
40
60
80
cosmictrackana/fCellX

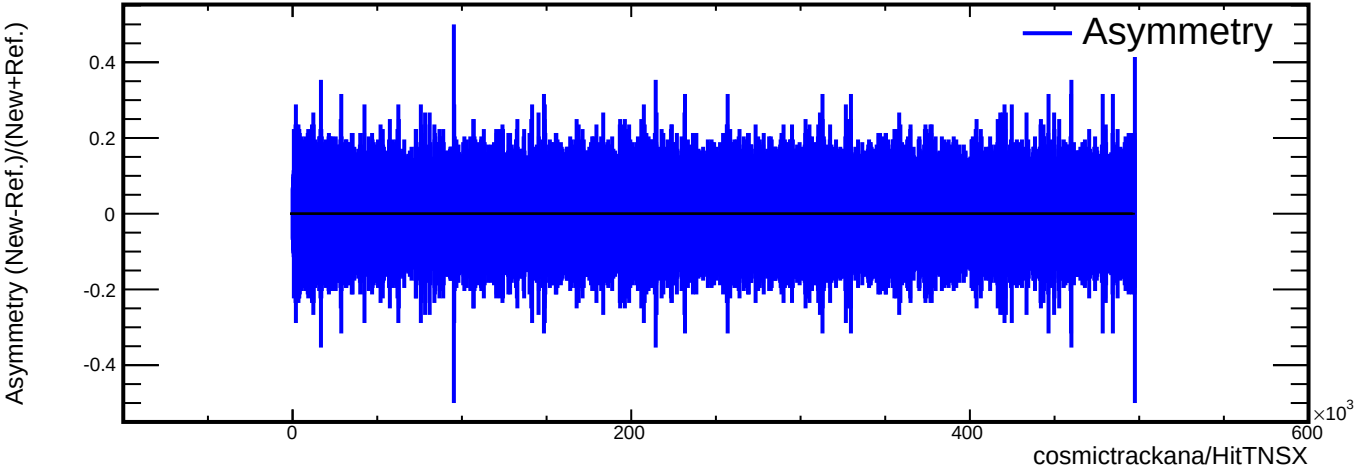

2012-06-15
2012-06-16
Events
0
1000
2000
3000
0
50
100
150
cosmictrackana/fPlaneX

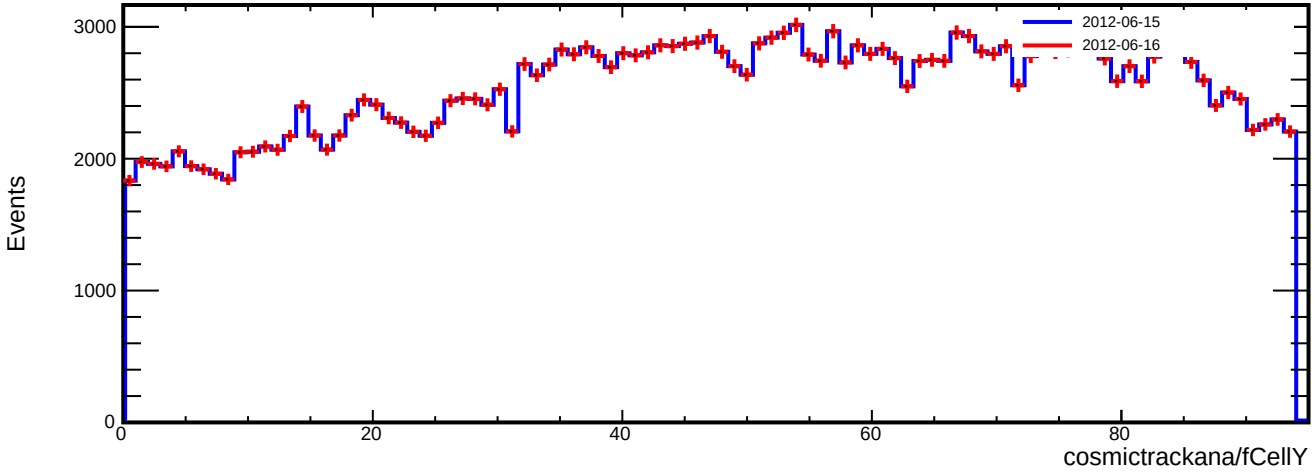

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0
-0.02
0
50
100
150
cosmictrackana/fPlaneX

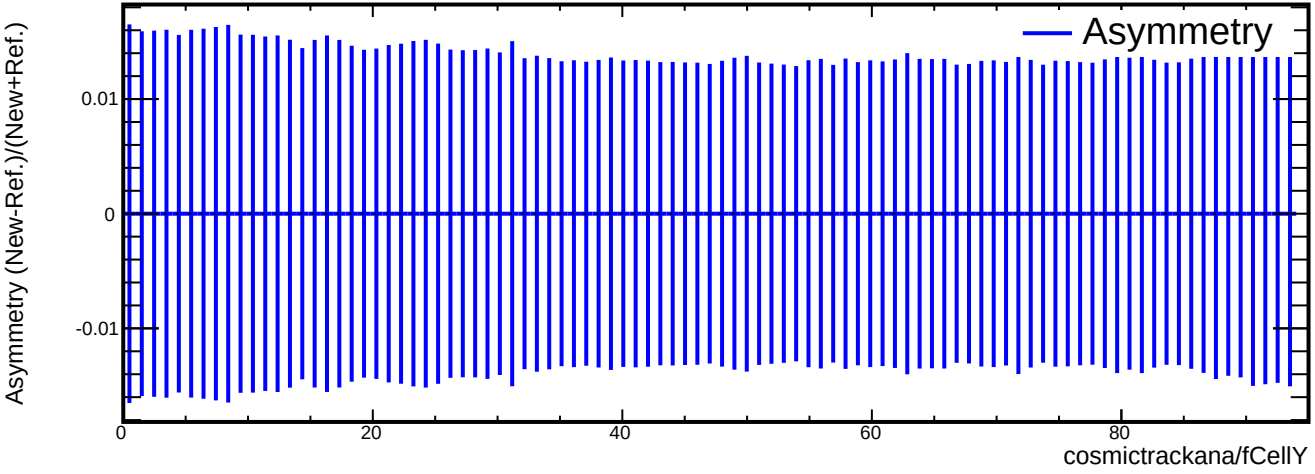

2012-06-15
2012-06-16
Events
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsX

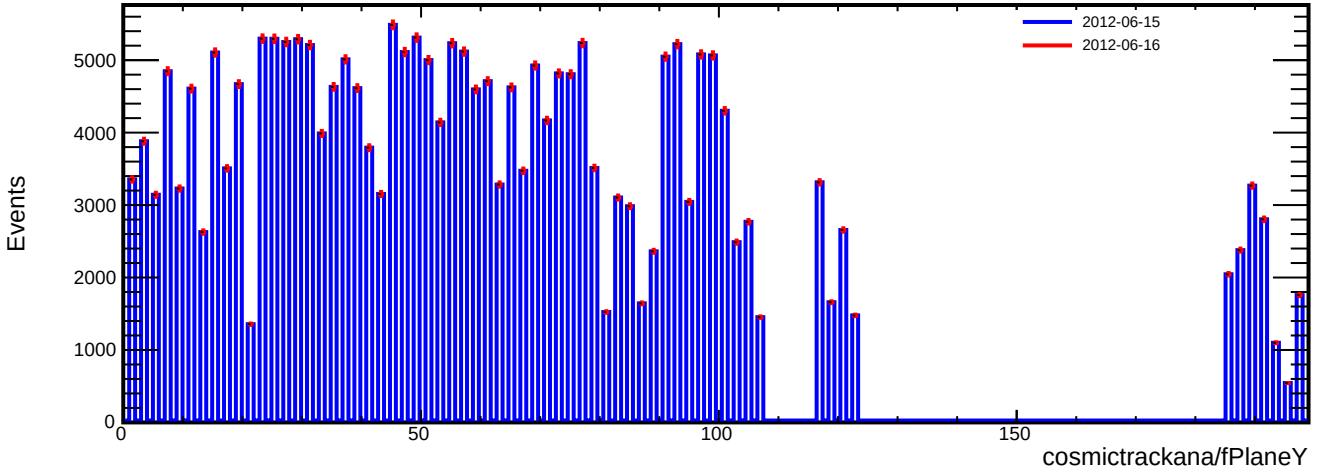

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.5
0
-0.5
0
5
10
15
20
cosmictrackana/residualsX

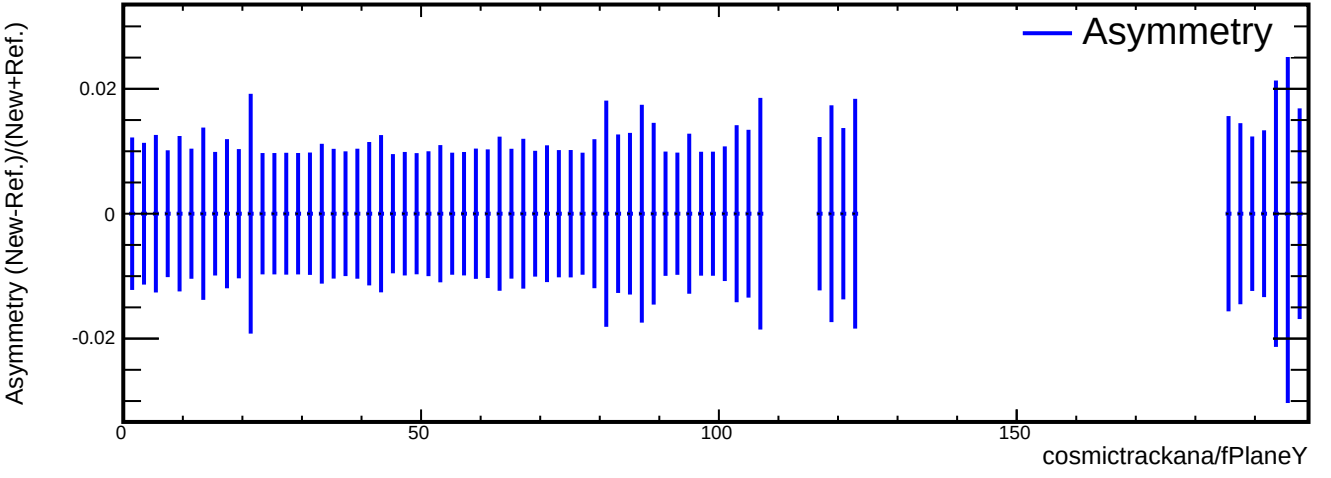

Events
120
100
80
60
40
20
0
0
200
400
600
×10^3
cosmictrackana/HitTNSX
2012-06-15
2012-06-16

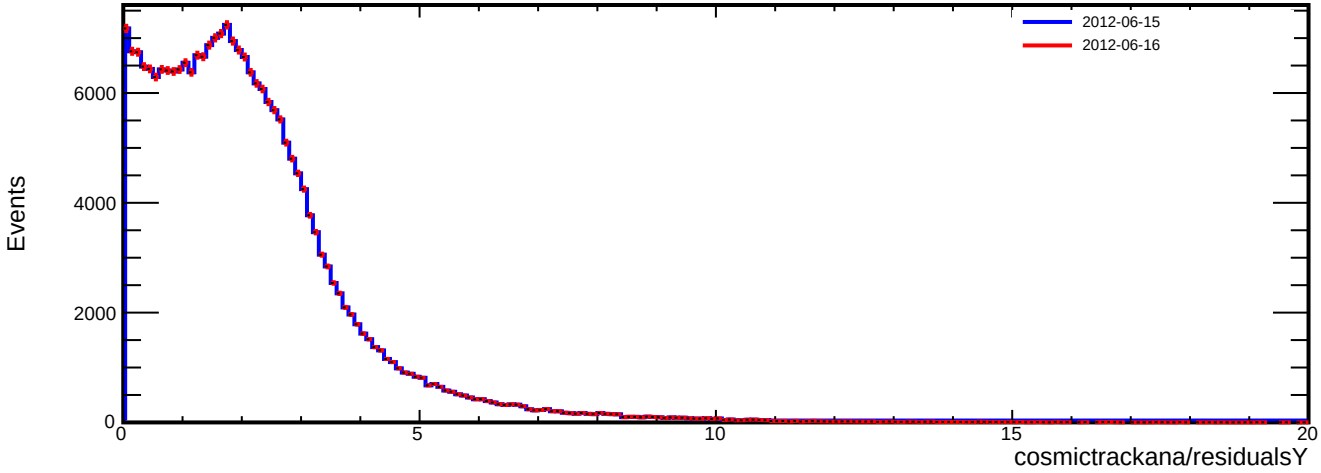

Asymmetry (New-Ref.)/(New+Ref.)
0.4
0.2
0
-0.2
-0.4
0
200
400
600
×10^3
cosmictrackana/HitTNSX
Asymmetry

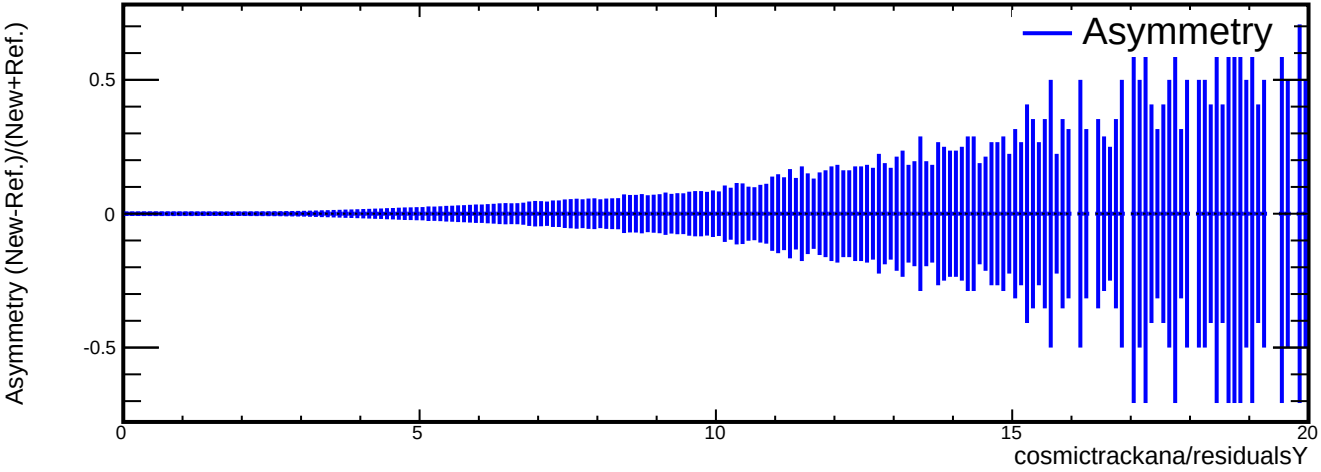

2012-06-15
2012-06-16
Events
3000
2000
1000
0
0
20
40
60
80
cosmictrackana/fCellY

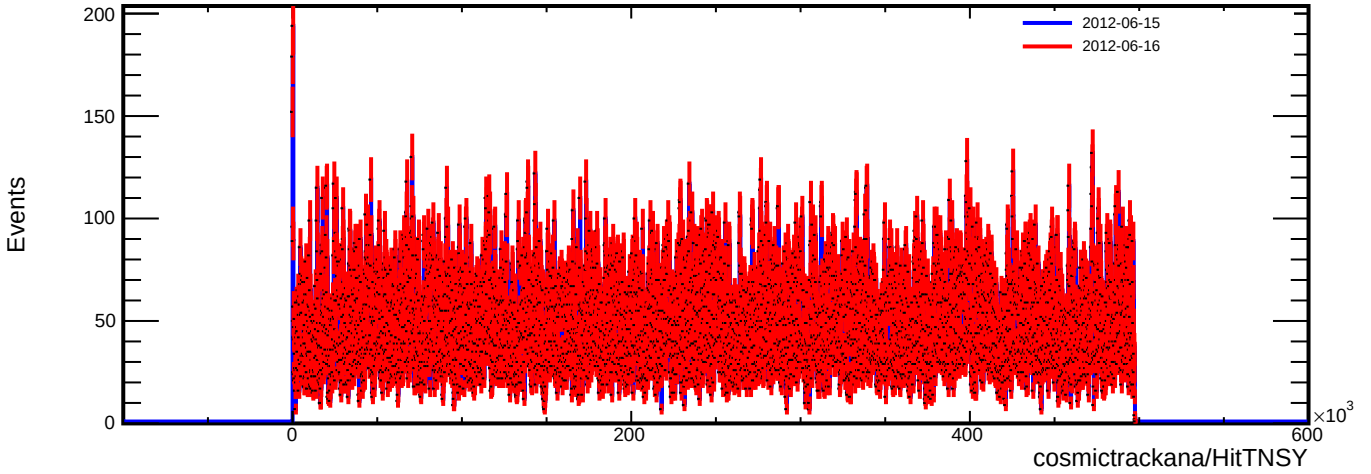

Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.01
0
-0.01
0
20
40
60
80
cosmictrackana/fCellY

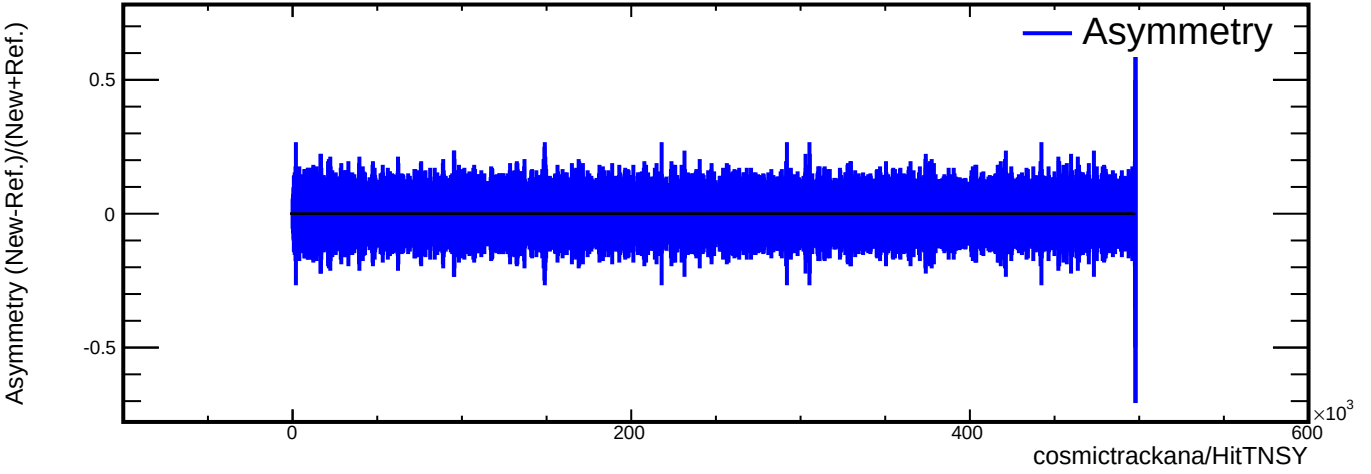

2012-06-15
2012-06-16
Events
0
1000
2000
3000
4000
5000
0
50
100
150
cosmictrackana/fPlaneY


Asymmetry
Asymmetry (New-Ref.)/(New+Ref.)
0.02
0
-0.02
0
50
100
150
cosmictrackana/fPlaneY


2012-06-15
2012-06-16
Events
6000
4000
2000
0
0
5
10
15
20
cosmictrackana/residualsY


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


2012-06-15
2012-06-16
Events
200
150
100
50
0
0
200
400
600
×10^3
cosmictrackana/HitTNSY


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