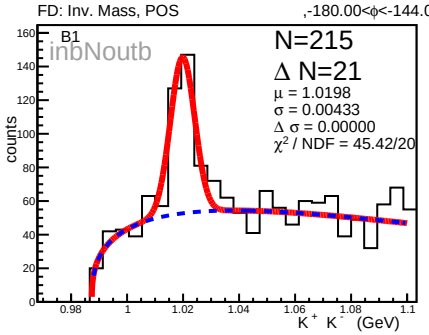
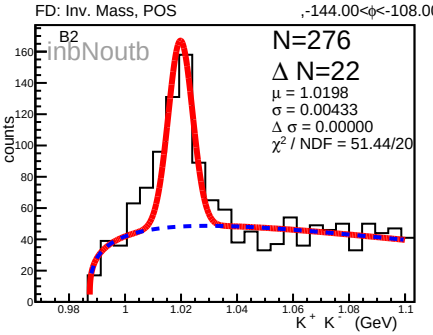
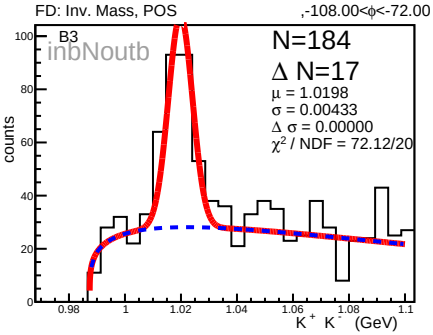
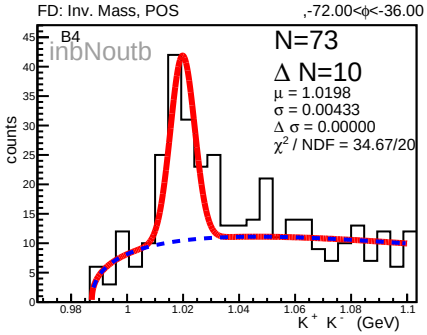
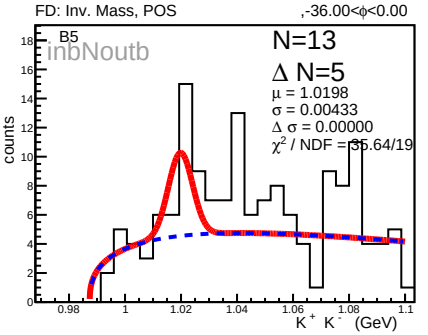
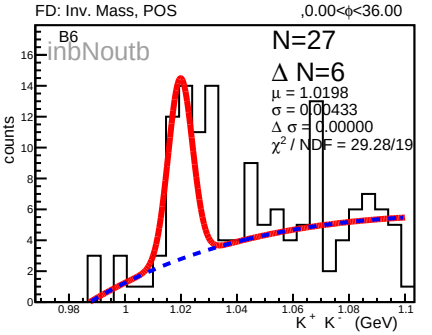

FD: Inv. Mass, POS ,-180.00<ϕ<-144.00
B1
inbNoutb
N=215
Δ N=21
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 45.42/20
counts
K⁺ K⁻ (GeV)

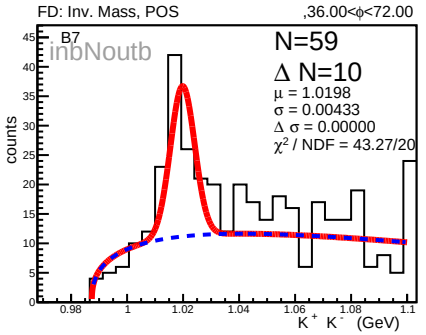

FD: Inv. Mass, POS ,-144.00<ϕ<-108.00
B2
inbNoutb
N=276
Δ N=22
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 51.44/20
counts
K⁺ K⁻ (GeV)

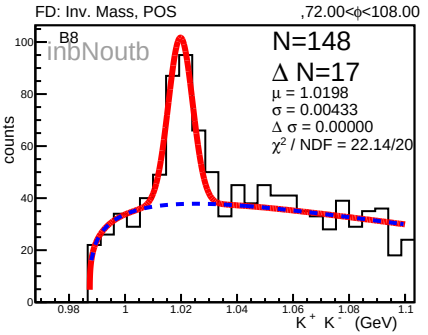

FD: Inv. Mass, POS ,-108.00<ϕ<-72.00
B3
inbNoutb
N=184
Δ N=17
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 72.12/20
counts
K⁺ K⁻ (GeV)

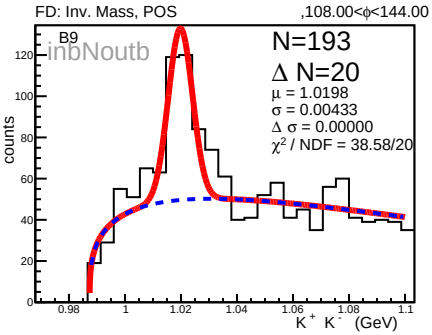

FD: Inv. Mass, POS ,-72.00<ϕ<-36.00
B4
inbNoutb
N=73
Δ N=10
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 34.67/20
counts
K⁺ K⁻ (GeV)

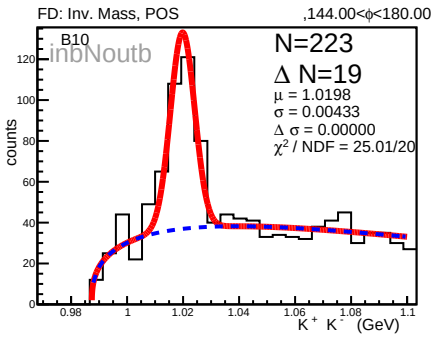

FD: Inv. Mass, POS ,-36.00<ϕ<0.00
B5
inbNoutb
N=13
Δ N=5
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 35.64/19
counts
K⁺ K⁻ (GeV)

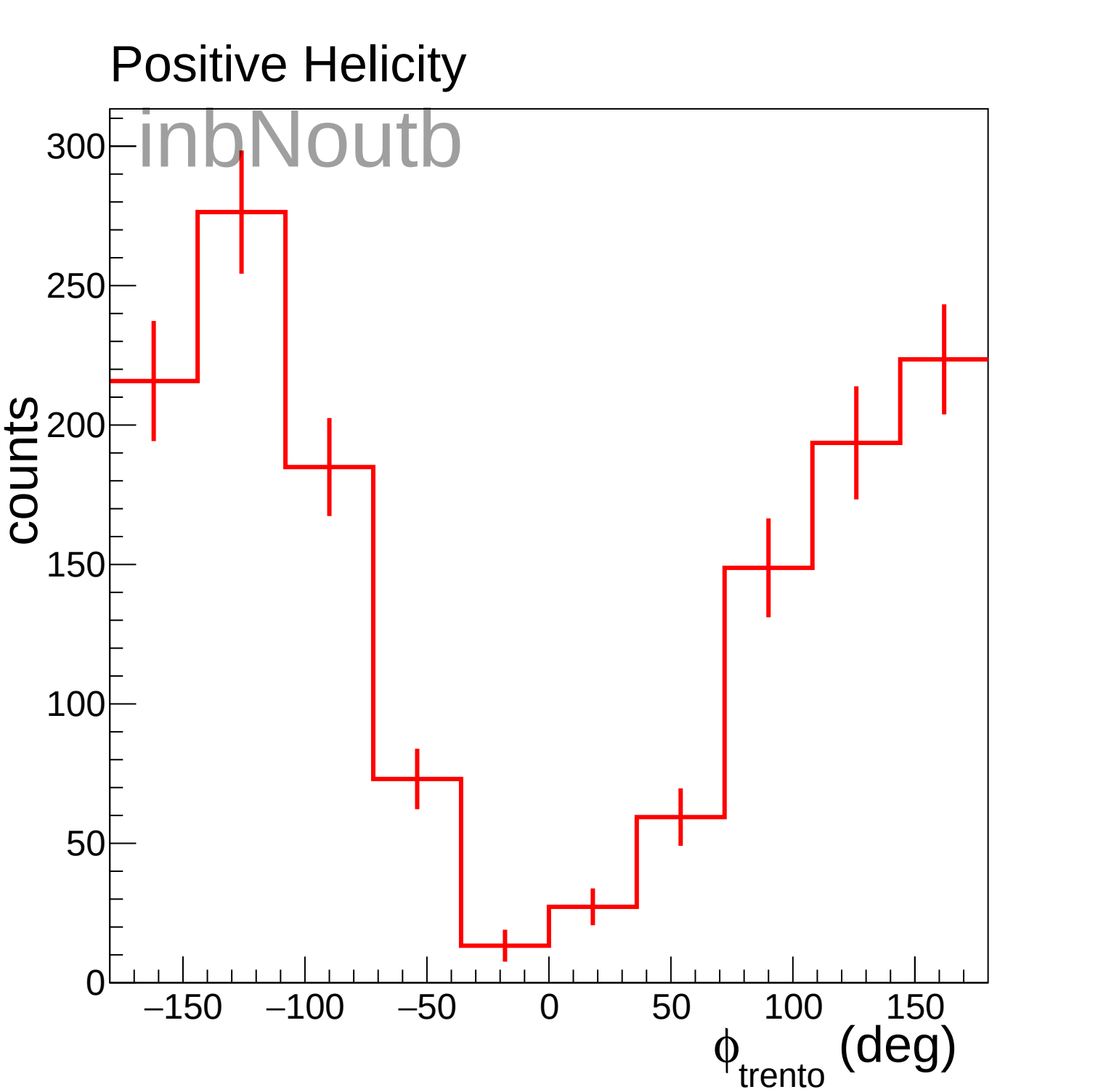

FD: Inv. Mass, POS ,0.00<ϕ<36.00
B6
inbNoutb
N=27
Δ N=6
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 29.28/19
counts
K⁺ K⁻ (GeV)

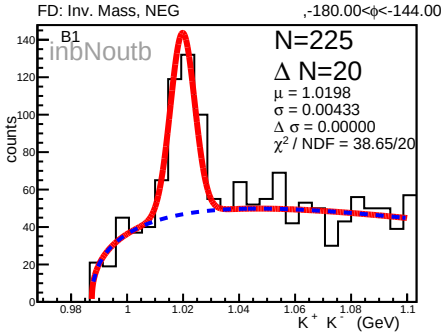

FD: Inv. Mass, POS ,36.00<ϕ<72.00
B7
inbNoutb
N=59
Δ N=10
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 43.27/20
counts
K⁺ K⁻ (GeV)

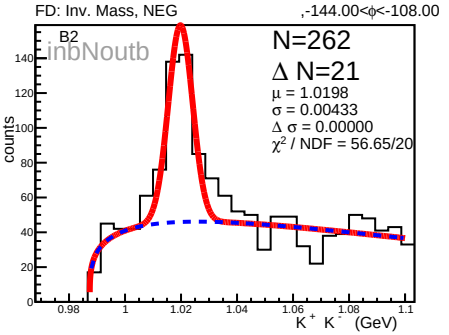

FD: Inv. Mass, POS ,72.00<ϕ<108.00
B8
inbNoutb
N=148
Δ N=17
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 22.14/20
counts
K⁺ K⁻ (GeV)

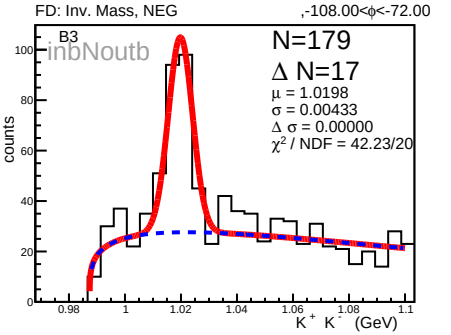

FD: Inv. Mass, POS ,108.00<ϕ<144.00
B9
inbNoutb
N=193
Δ N=20
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 38.58/20
counts
K⁺ K⁻ (GeV)

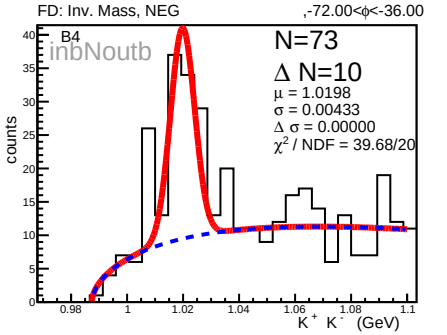

FD: Inv. Mass, POS ,144.00<ϕ<180.00
B10
inbNoutb
N=223
Δ N=19
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 25.01/20
counts
K⁺ K⁻ (GeV)

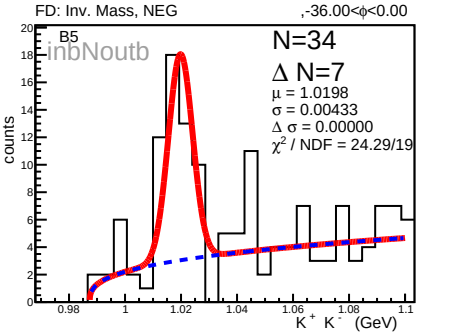

Positive Helicity
inbNoutb
counts
300
250
200
150
100
50
0
–150
–100
–50
0
50
100
150
ϕ_{trento} (deg)

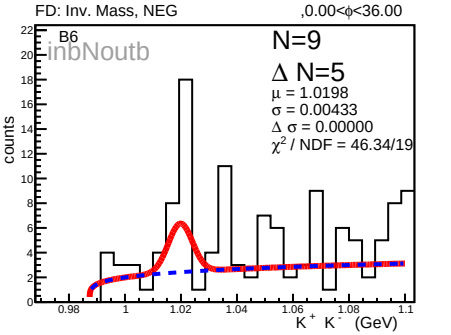

FD: Inv. Mass, NEG ,-180.00<ϕ<-144.00
B1
inbNoutb
N=225
Δ N=20
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 38.65/20
counts
K⁺ K⁻ (GeV)

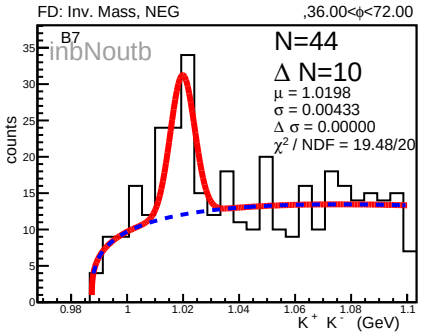

FD: Inv. Mass, NEG ,-144.00<ϕ<-108.00
B2
inbNoutb
N=262
Δ N=21
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 56.65/20
counts
K⁺ K⁻ (GeV)

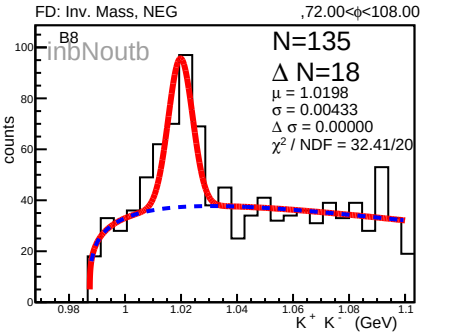

FD: Inv. Mass, NEG ,-108.00<ϕ<-72.00
B3
inbNoutb
N=179
Δ N=17
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 42.23/20
counts
K⁺ K⁻ (GeV)

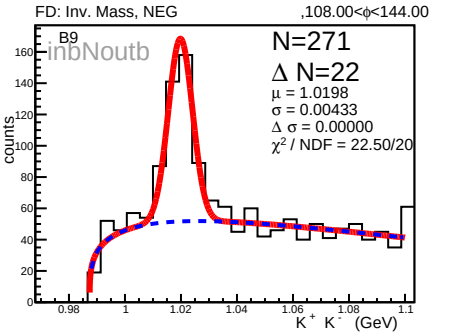

FD: Inv. Mass, NEG ,-72.00<ϕ<-36.00
B4
inbNoutb
N=73
Δ N=10
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 39.68/20
counts
K⁺ K⁻ (GeV)

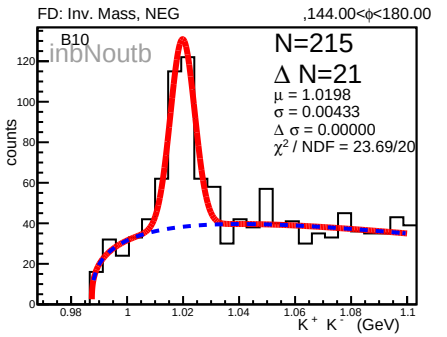

FD: Inv. Mass, NEG ,-36.00<ϕ<0.00
B5
inbNoutb
N=34
Δ N=7
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 24.29/19
counts
K⁺ K⁻ (GeV)

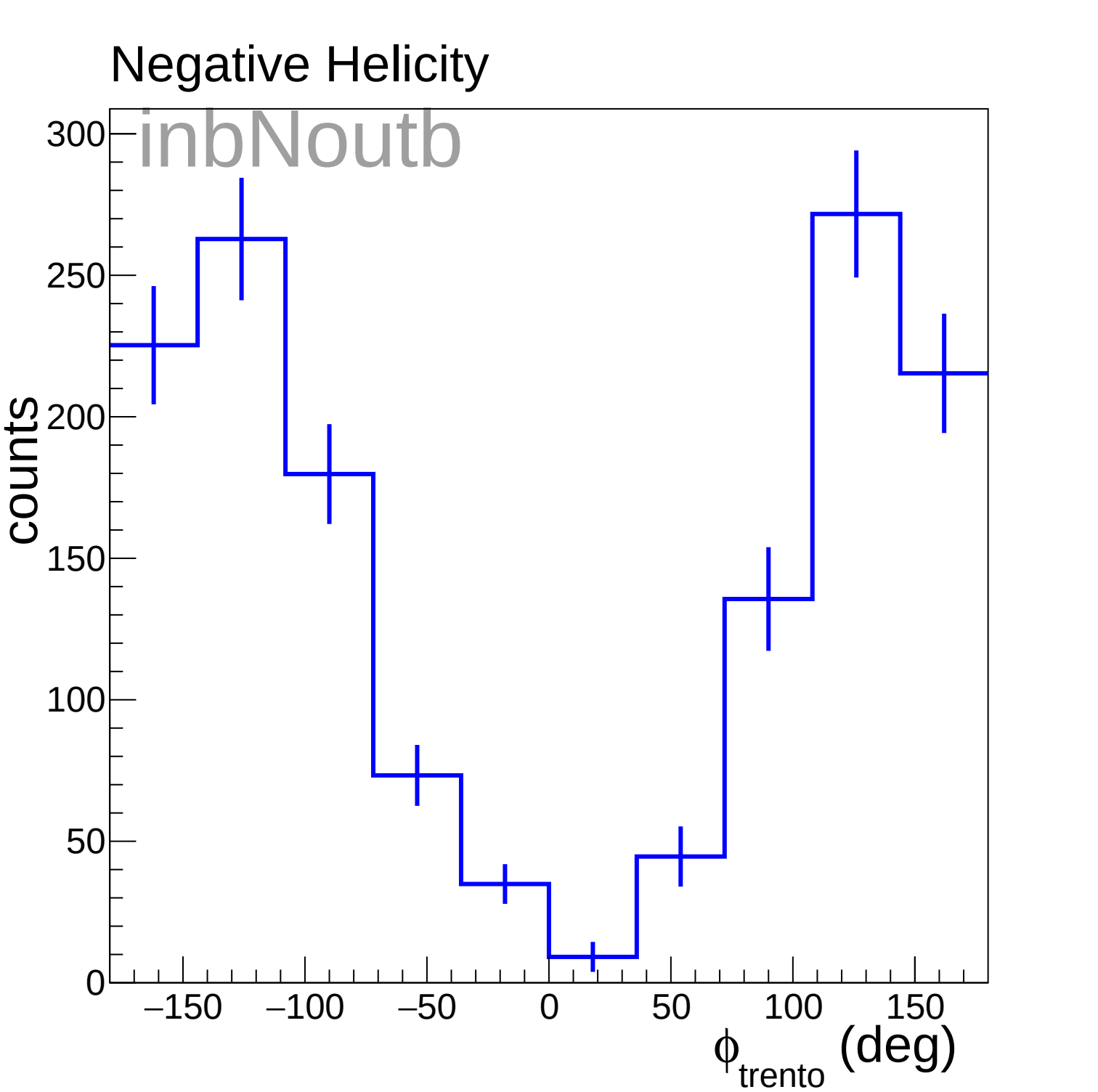

FD: Inv. Mass, NEG ,0.00<ϕ<36.00
B6
inbNoutb
N=9
Δ N=5
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 46.34/19
counts
K⁺ K⁻ (GeV)

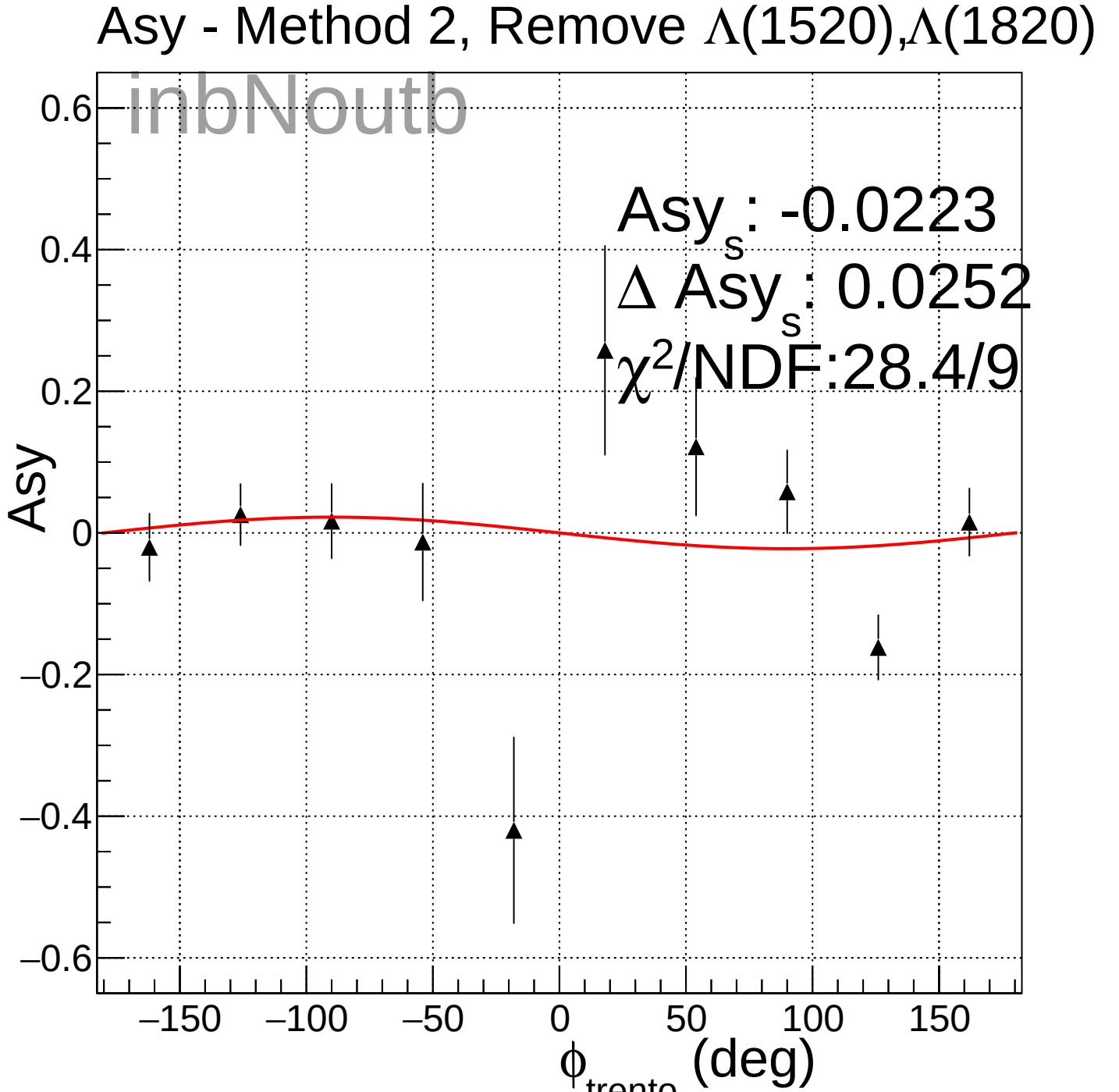

FD: Inv. Mass, NEG ,36.00<ϕ<72.00
B7
inbNoutb
N=44
Δ N=10
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 19.48/20
counts
K⁺ K⁻ (GeV)


FD: Inv. Mass, NEG ,72.00<ϕ<108.00
B8
inbNoutb
N=135
Δ N=18
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 32.41/20
counts
K⁺ K⁻ (GeV)


FD: Inv. Mass, NEG ,108.00<ϕ<144.00
B9
inbNoutb
N=271
Δ N=22
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 22.50/20
counts
K⁺ K⁻ (GeV)


FD: Inv. Mass, NEG ,144.00<ϕ<180.00
B10
inbNoutb
N=215
Δ N=21
μ = 1.0198
σ = 0.00433
Δ σ = 0.00000
χ² / NDF = 23.69/20
counts
K⁺ K⁻ (GeV)


Negative Helicity
inbNoutb
counts
300
250
200
150
100
50
0
–150
–100
–50
0
50
100
150
ϕ_{trento} (deg)


Asy - Method 2, Remove Λ(1520),Λ(1820)
inbNoutb
Asy_s : -0.0223
Δ Asy_s : 0.0252
χ²/NDF:28.4/9
Asy
0.6
0.4
0.2
0
–0.2
–0.4
–0.6
–150
–100
–50
0
50
100
150
φ_trento (deg)