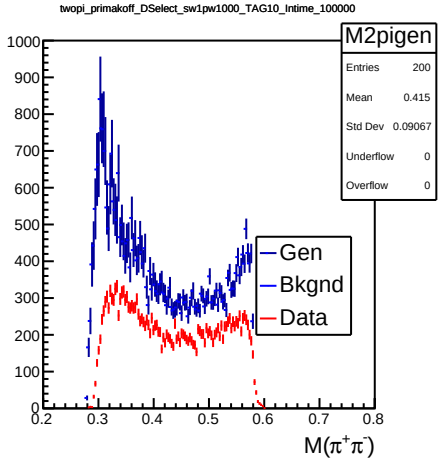
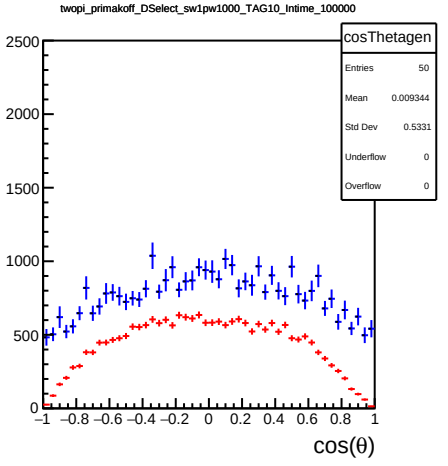
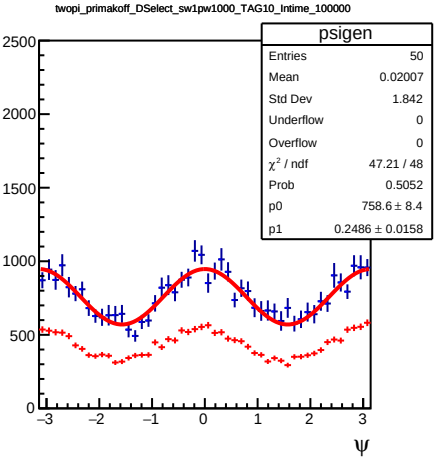
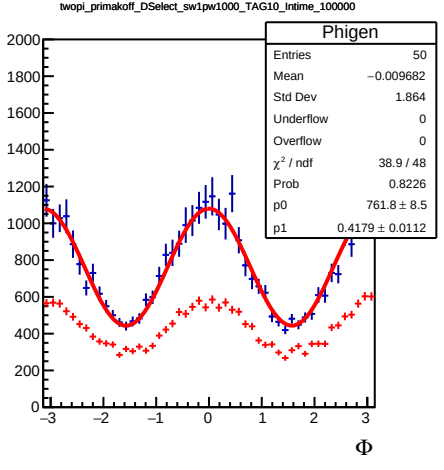
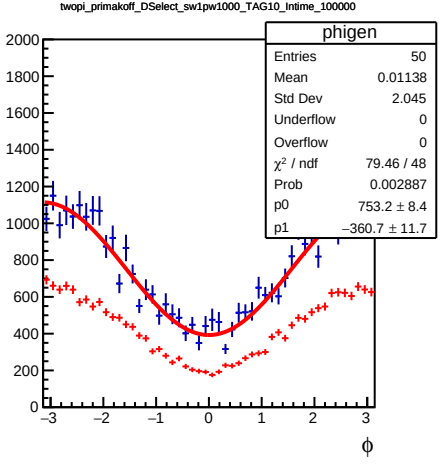
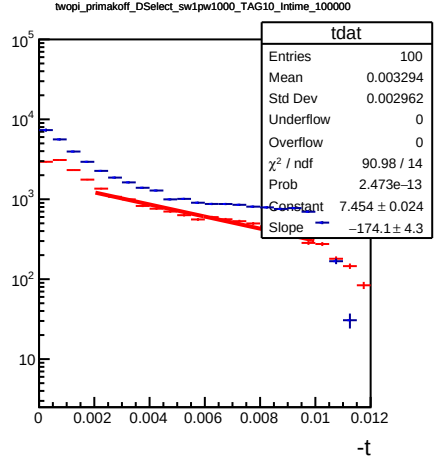

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
M2pigen
Entries 200
Mean 0.415
Std Dev 0.09067
Underflow 0
Overflow 0
Gen
Bkgnd
Data
M(π+π-)

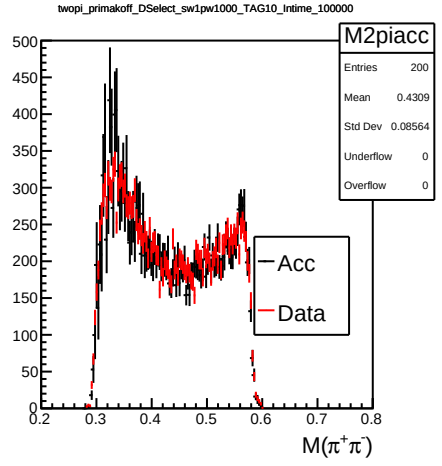

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
cosThetagen
Entries 50
Mean 0.009344
Std Dev 0.5331
Underflow 0
Overflow 0
cos(θ)

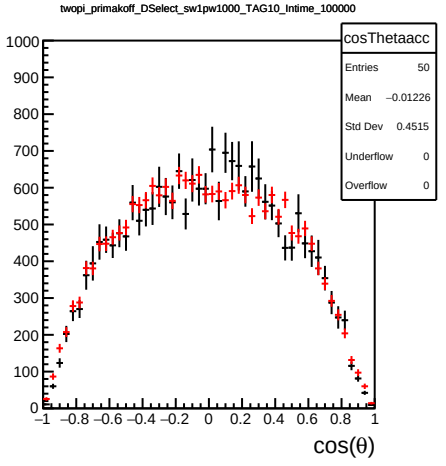

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
psigen
Entries 50
Mean 0.02007
Std Dev 1.842
Underflow 0
Overflow 0
χ2 / ndf 47.21 / 48
Prob 0.5052
p0 758.6 ± 8.4
p1 0.2486 ± 0.0158
ψ

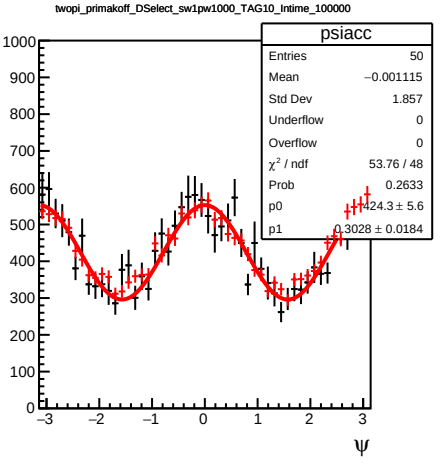

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
Phigen
Entries 50
Mean −0.009682
Std Dev 1.864
Underflow 0
Overflow 0
χ2 / ndf 38.9 / 48
Prob 0.8226
p0 761.8 ± 8.5
p1 0.4179 ± 0.0112
Φ

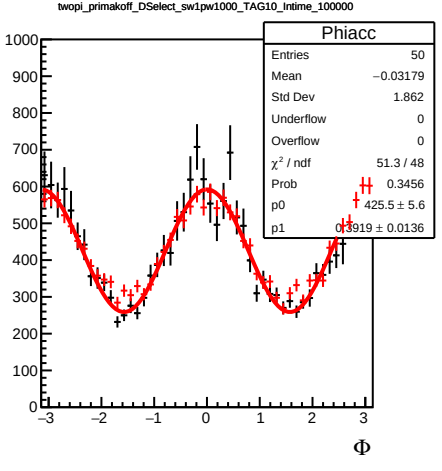

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
phigen
Entries 50
Mean 0.01138
Std Dev 2.045
Underflow 0
Overflow 0
χ2 / ndf 79.46 / 48
Prob 0.002887
p0 753.2 ± 8.4
p1 −360.7 ± 11.7
ϕ

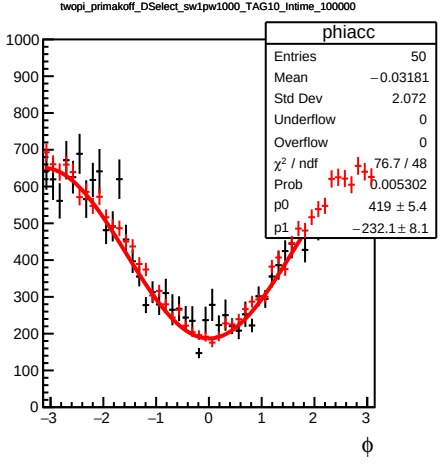

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
tdat
Entries 100
Mean 0.003294
Std Dev 0.002962
Underflow 0
Overflow 0
χ2 / ndf 90.98 / 14
Prob 2.473e−13
Constant 7.454 ± 0.024
Slope −174.1 ± 4.3
-t

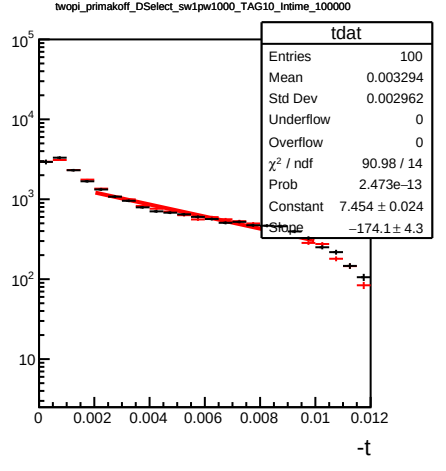

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
M2piacc
Entries 200
Mean 0.4309
Std Dev 0.08564
Underflow 0
Overflow 0
Acc
Data
M(π+π-)

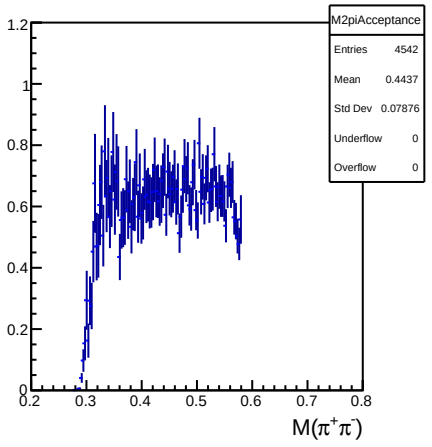

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
cosThetaacc
Entries 50
Mean −0.01226
Std Dev 0.4515
Underflow 0
Overflow 0
cos(θ)

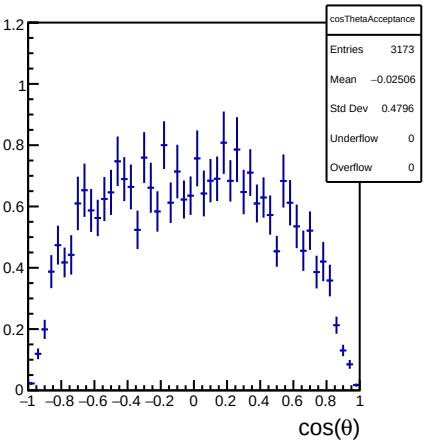

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
psiacc
Entries 50
Mean −0.001115
Std Dev 1.857
Underflow 0
Overflow 0
χ2 / ndf 53.76 / 48
Prob 0.2633
p0 424.3 ± 5.6
p1 0.3028 ± 0.0184
ψ

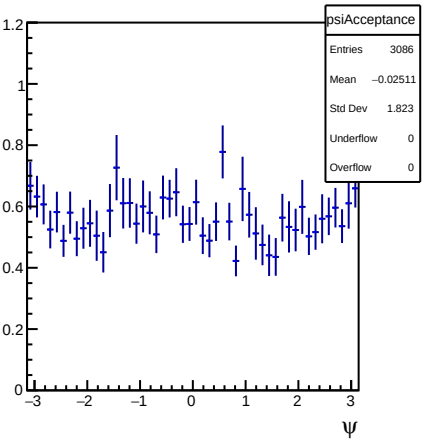

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
Phiacc
Entries 50
Mean −0.03179
Std Dev 1.862
Underflow 0
Overflow 0
χ2 / ndf 51.3 / 48
Prob 0.3456
p0 425.5 ± 5.6
p1 0.3919 ± 0.0136
Φ

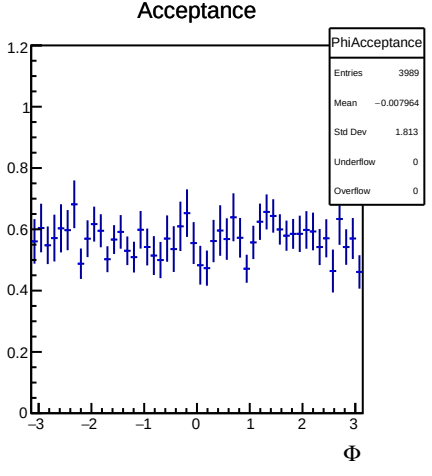

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
phiacc
Entries 50
Mean −0.03181
Std Dev 2.072
Underflow 0
Overflow 0
χ2 / ndf 76.7 / 48
Prob 0.005302
p0 419 ± 5.4
p1 −232.1 ± 8.1
ϕ

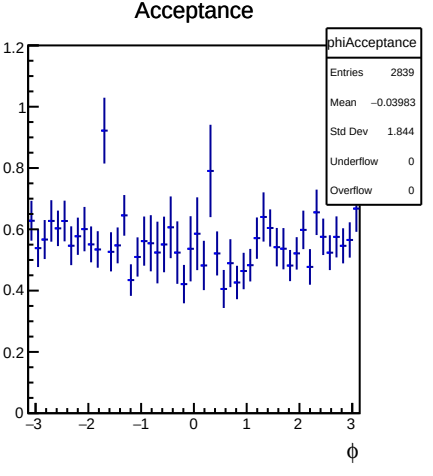

twopi_primakoff_DSelect_sw1pw1000_TAG10_Intime_100000
tdat
Entries 100
Mean 0.003294
Std Dev 0.002962
Underflow 0
Overflow 0
χ2 / ndf 90.98 / 14
Prob 2.473e−13
Constant 7.454 ± 0.024
Slope −174.1 ± 4.3
-t

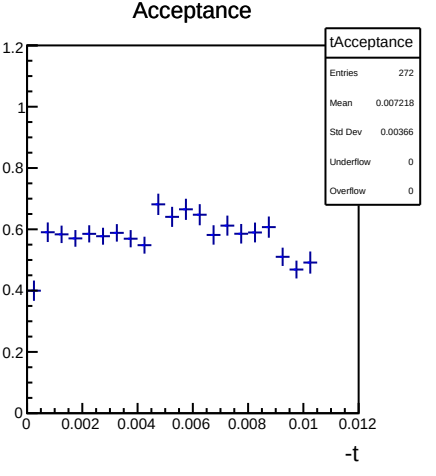

Acceptance
M2piAcceptance
Entries 4542
Mean 0.4437
Std Dev 0.07876
Underflow 0
Overflow 0
M(π+π-)

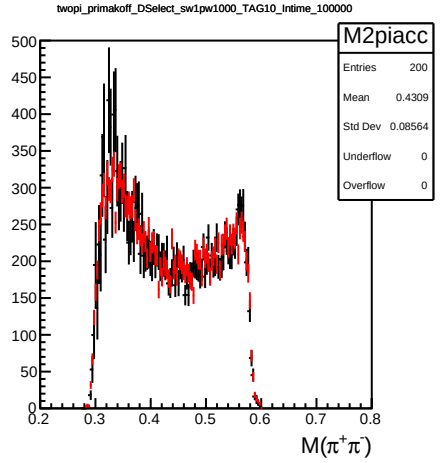

Acceptance
cosThetaAcceptance
Entries 3173
Mean −0.02506
Std Dev 0.4796
Underflow 0
Overflow 0
cos(θ)

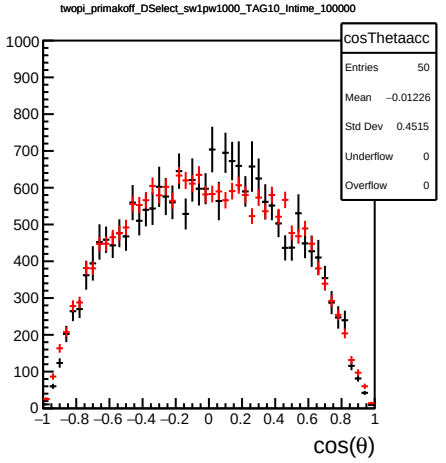

Acceptance
psiAcceptance
Entries 3086
Mean −0.02511
Std Dev 1.823
Underflow 0
Overflow 0
ψ

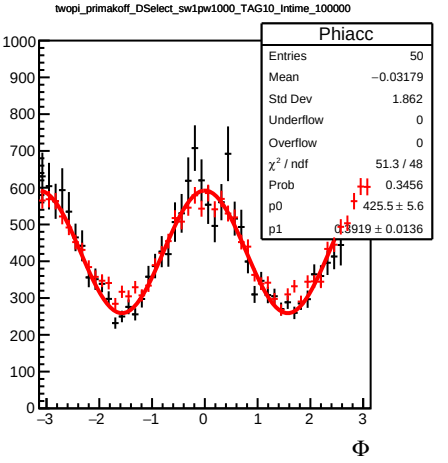

Acceptance
PhiAcceptance
Entries 3989
Mean −0.007964
Std Dev 1.813
Underflow 0
Overflow 0
Φ

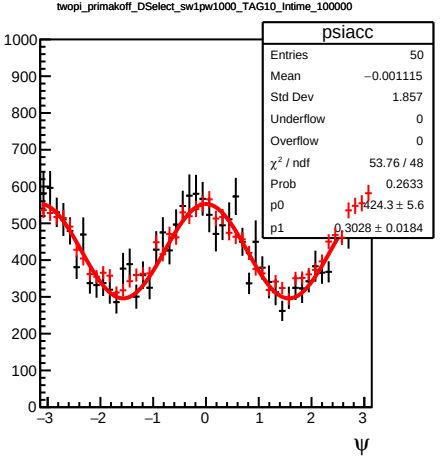

Acceptance
phiAcceptance
Entries 2839
Mean −0.03983
Std Dev 1.844
Underflow 0
Overflow 0
ϕ

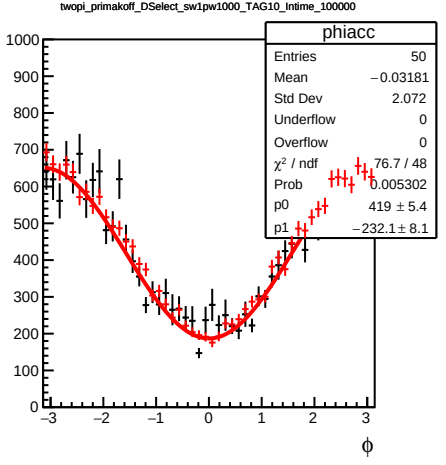

Acceptance
tAcceptance
Entries 272
Mean 0.007218
Std Dev 0.00366
Underflow 0
Overflow 0
-t











AmpTool Fit

g1V00_re = 0.920± 0.007
g1V00_im = -0.150± 0.036
g1V11_re = 937.162± 6.429
g1V11_im = 0.000± 0.000
g1V10_re = -21.973± 8.138
g1V10_im = -111.951± 19.650
g1V1-1_re = 3.925± 6.487
g1V1-1_im = -106.105± 33.616