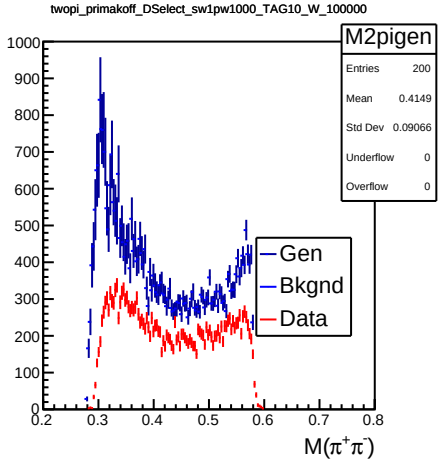
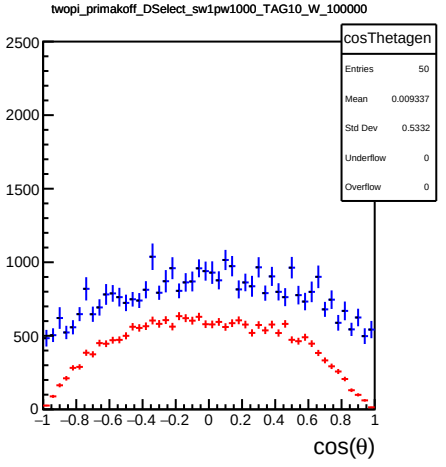
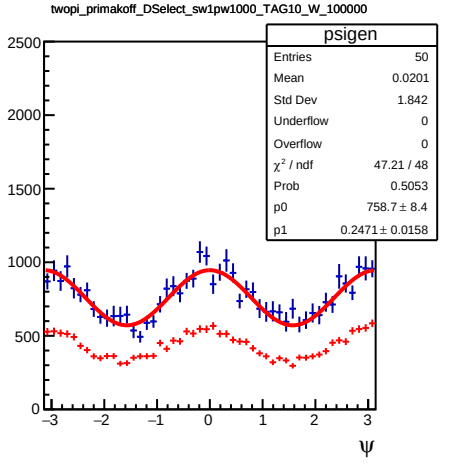
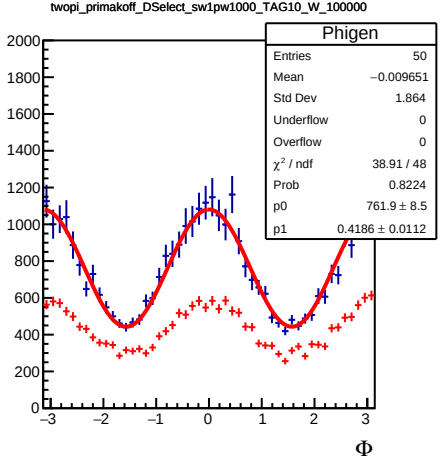
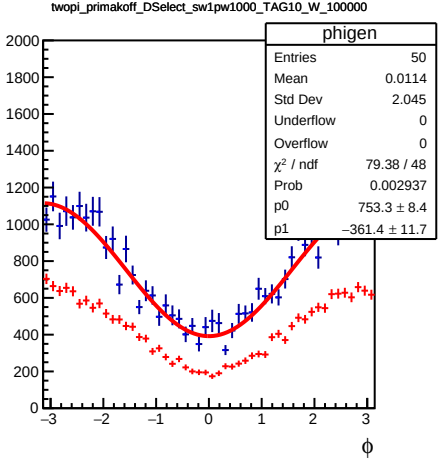
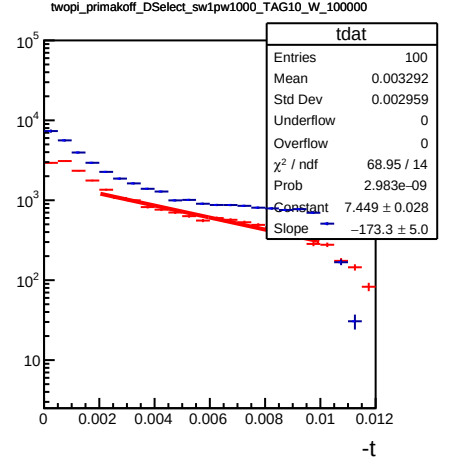

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
M2pigen
Entries 200
Mean 0.4149
Std Dev 0.09066
Underflow 0
Overflow 0
Gen
Bkgnd
Data
M(π+π-)

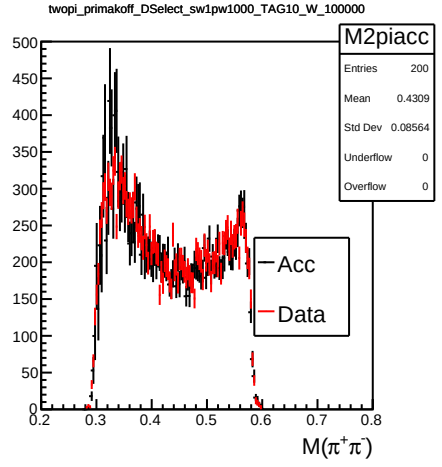

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
cosThetagen
Entries 50
Mean 0.009337
Std Dev 0.5332
Underflow 0
Overflow 0
cos(θ)

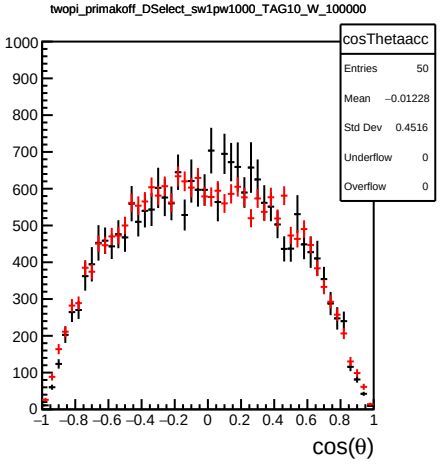

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
psigen
Entries 50
Mean 0.0201
Std Dev 1.842
Underflow 0
Overflow 0
χ2 / ndf 47.21 / 48
Prob 0.5053
p0 758.7 ± 8.4
p1 0.2471 ± 0.0158
ψ

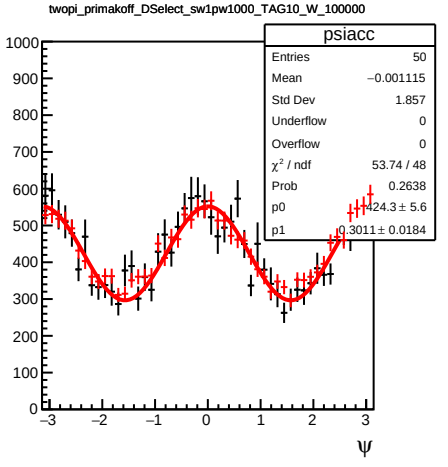

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
Phigen
Entries 50
Mean −0.009651
Std Dev 1.864
Underflow 0
Overflow 0
χ2 / ndf 38.91 / 48
Prob 0.8224
p0 761.9 ± 8.5
p1 0.4186 ± 0.0112
Φ

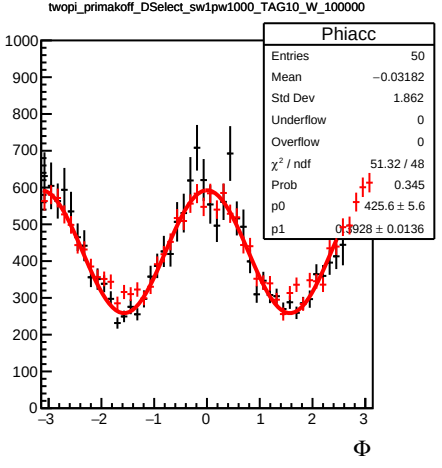

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
phigen
Entries 50
Mean 0.0114
Std Dev 2.045
Underflow 0
Overflow 0
χ2 / ndf 79.38 / 48
Prob 0.002937
p0 753.3 ± 8.4
p1 −361.4 ± 11.7
ϕ

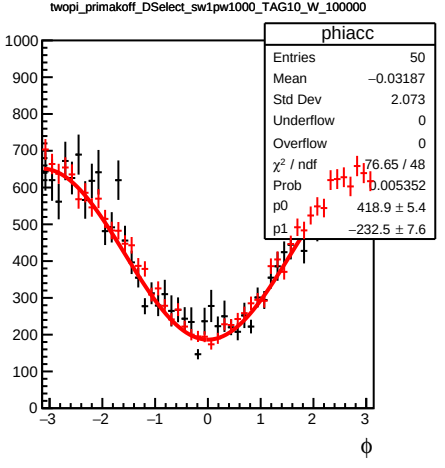

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
tdat
Entries 100
Mean 0.003292
Std Dev 0.002959
Underflow 0
Overflow 0
χ2 / ndf 68.95 / 14
Prob 2.983e−09
Constant 7.449 ± 0.028
Slope −173.3 ± 5.0
-t

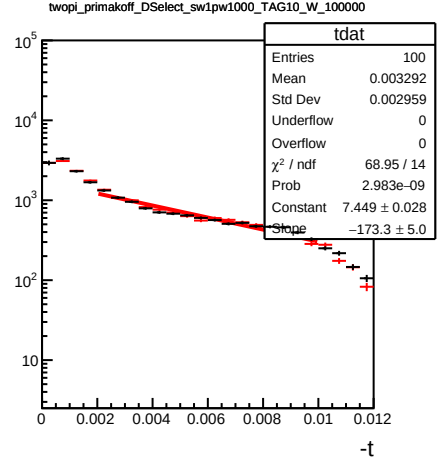

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
M2piacc
Entries 200
Mean 0.4309
Std Dev 0.08564
Underflow 0
Overflow 0
Acc
Data
M(π+π-)

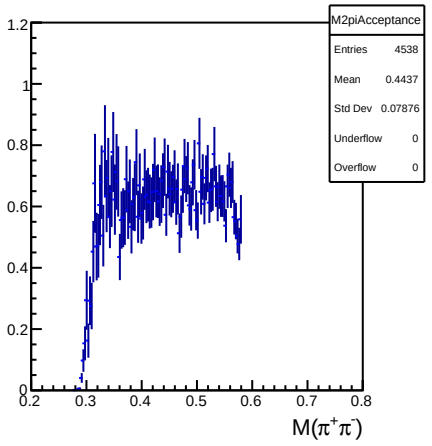

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
cosThetaacc
Entries 50
Mean −0.01228
Std Dev 0.4516
Underflow 0
Overflow 0
cos(θ)

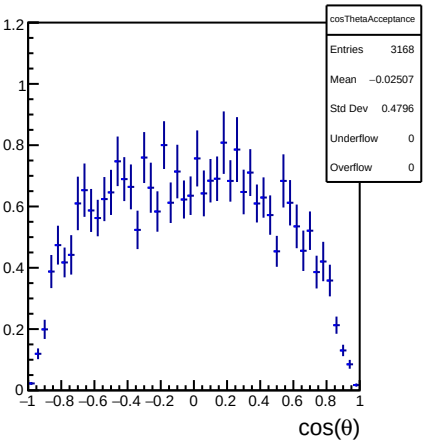

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
psiacc
Entries 50
Mean −0.001115
Std Dev 1.857
Underflow 0
Overflow 0
χ2 / ndf 53.74 / 48
Prob 0.2638
p0 424.3 ± 5.6
p1 0.3011 ± 0.0184
ψ

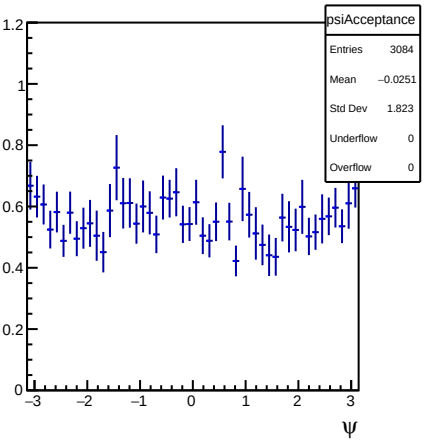

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
Phiacc
Entries 50
Mean −0.03182
Std Dev 1.862
Underflow 0
Overflow 0
χ2 / ndf 51.32 / 48
Prob 0.345
p0 425.6 ± 5.6
p1 0.3928 ± 0.0136
Φ

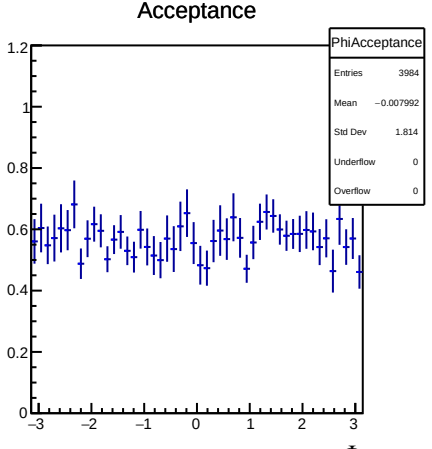

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
phiacc
Entries 50
Mean −0.03187
Std Dev 2.073
Underflow 0
Overflow 0
χ2 / ndf 76.65 / 48
Prob 0.005352
p0 418.9 ± 5.4
p1 −232.5 ± 7.6
ϕ

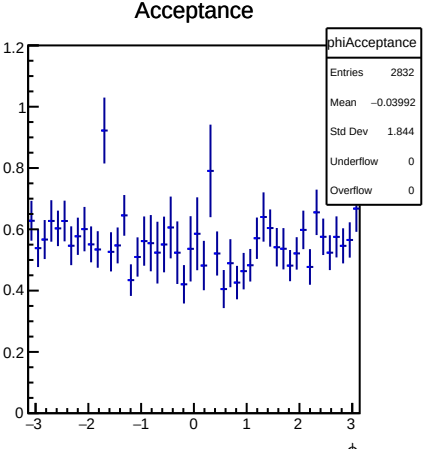

twopi_primakoff_DSelect_sw1pw1000_TAG10_W_100000
tdat
Entries 100
Mean 0.003292
Std Dev 0.002959
Underflow 0
Overflow 0
χ2 / ndf 68.95 / 14
Prob 2.983e−09
Constant 7.449 ± 0.028
Slope −173.3 ± 5.0
-t

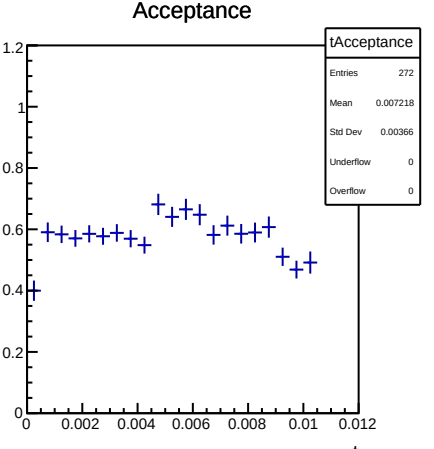

Acceptance
M2piAcceptance
Entries 4538
Mean 0.4437
Std Dev 0.07876
Underflow 0
Overflow 0
M(π+π-)

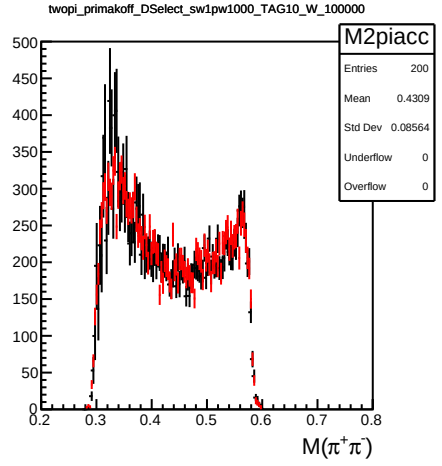

Acceptance
cosThetaAcceptance
Entries 3168
Mean −0.02507
Std Dev 0.4796
Underflow 0
Overflow 0
cos(θ)

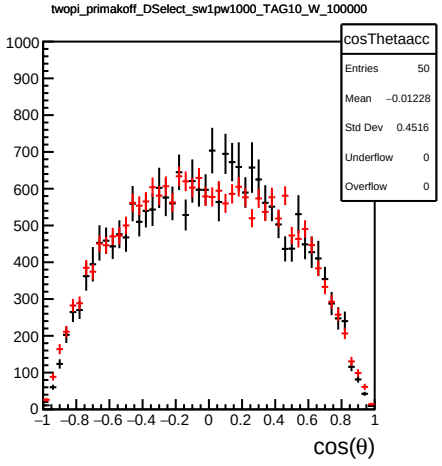

Acceptance
psiAcceptance
Entries 3084
Mean −0.0251
Std Dev 1.823
Underflow 0
Overflow 0
ψ

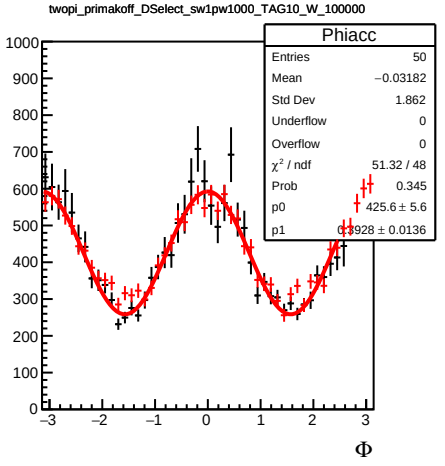

Acceptance
PhiAcceptance
Entries 3984
Mean −0.007992
Std Dev 1.814
Underflow 0
Overflow 0
Φ

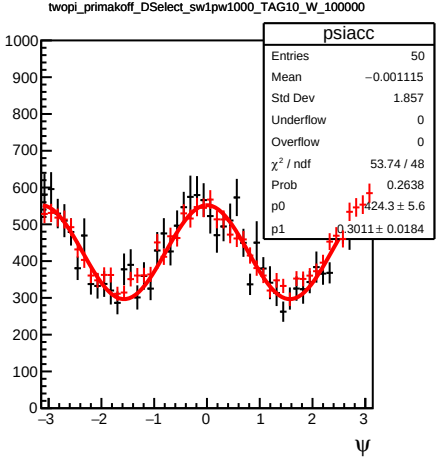

Acceptance
phiAcceptance
Entries 2832
Mean −0.03992
Std Dev 1.844
Underflow 0
Overflow 0
ϕ

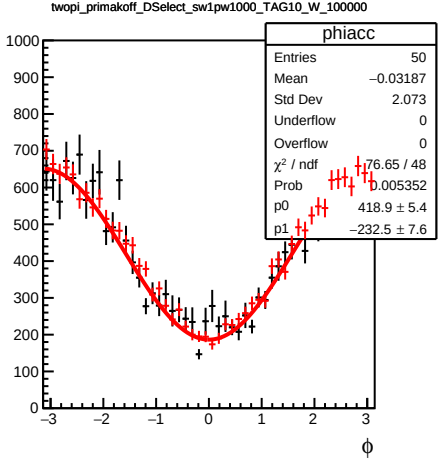

Acceptance
tAcceptance
Entries 272
Mean 0.007218
Std Dev 0.00366
Underflow 0
Overflow 0
-t











AmpTool Fit

g1V00_re = 0.923± 0.006
g1V00_im = -0.132± 0.032
g1V11_re = 934.737± 6.265
g1V11_im = 0.000± 0.000
g1V10_re = -20.294± 7.711
g1V10_im = -114.347± 19.675
g1V1-1_re = 3.493± 6.434
g1V1-1_im = -119.623± 30.152