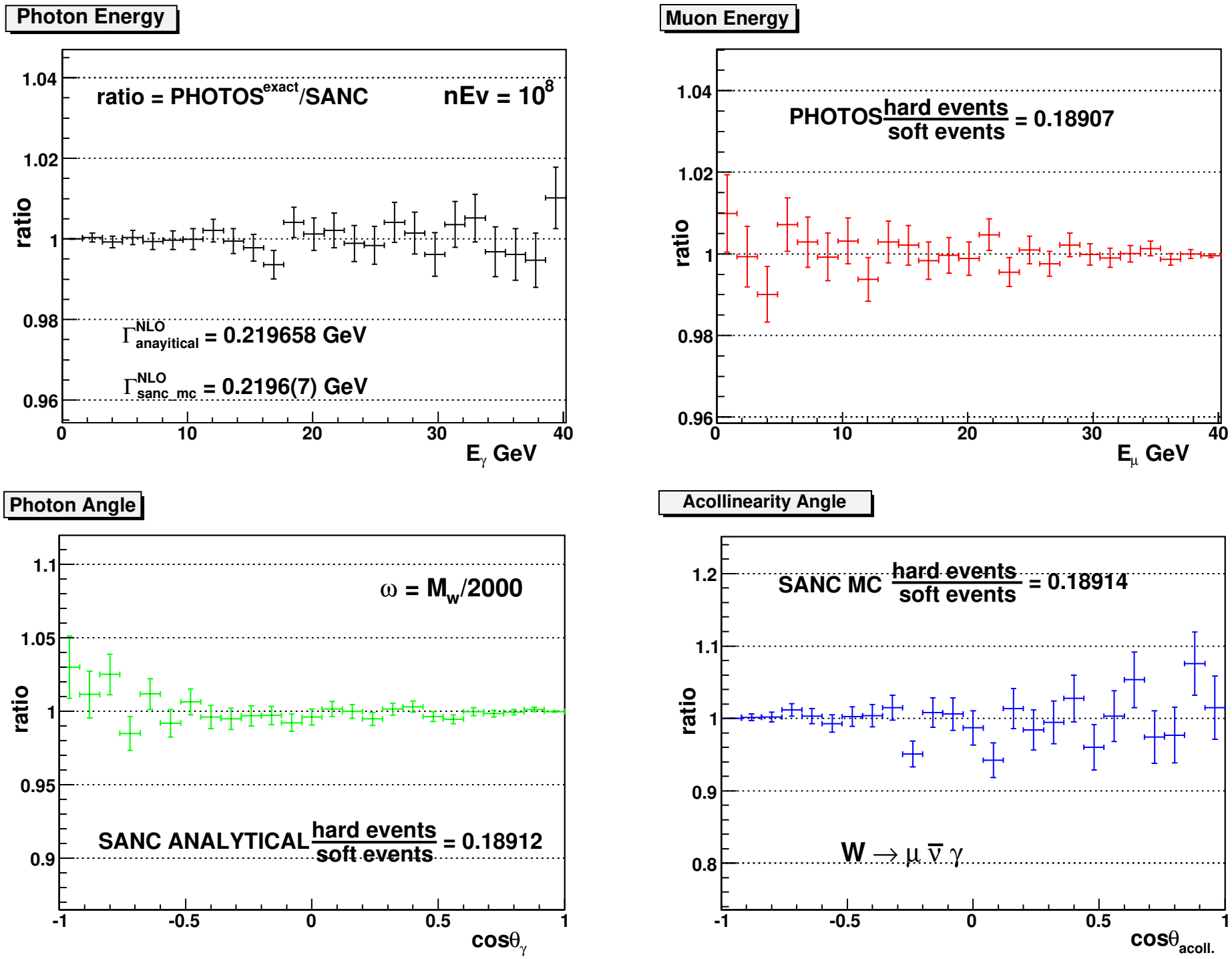
Photon Energy
ratio = PHOTOS^exact/SANC
nEv = 10^8
Γ^NLO_anayitical = 0.219658 GeV
Γ^NLO_sanc_mc = 0.2196(7) GeV
ratio
E_γ GeV
Muon Energy
PHOTOS hard events / soft events = 0.18907
ratio
E_μ GeV
Photon Angle
ω = M_w/2000
SANC ANALYTICAL hard events / soft events = 0.18912
ratio
cosθ_γ
Acollinearity Angle
SANC MC hard events / soft events = 0.18914
W → μ ν̄ γ
ratio
cosθ_acoll.