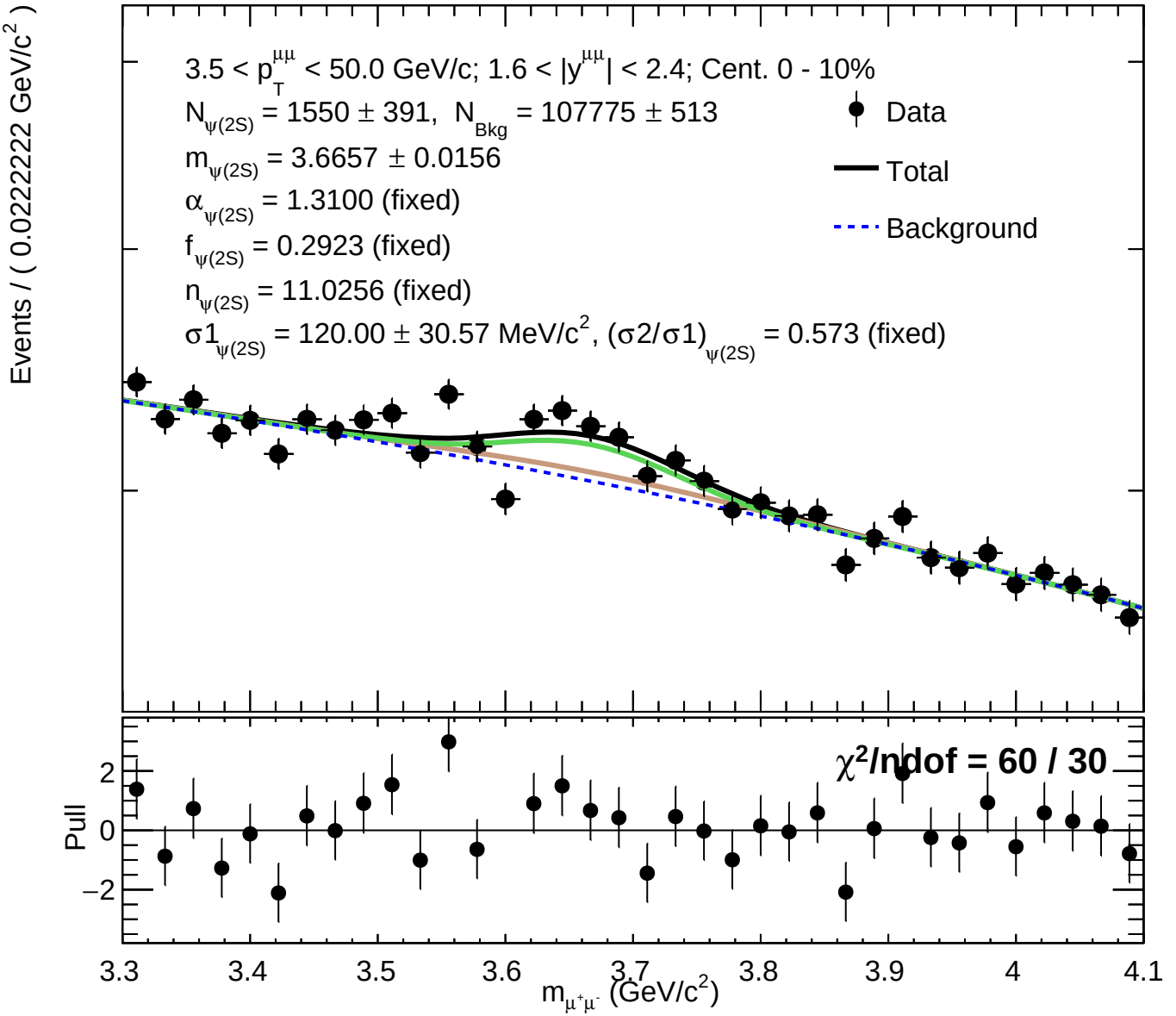
3.5 < p_T^μμ < 50.0 GeV/c; 1.6 < |y^μμ| < 2.4; Cent. 0 - 10%
N_ψ(2S) = 1550 ± 391, N_Bkg = 107775 ± 513
m_ψ(2S) = 3.6657 ± 0.0156
α_ψ(2S) = 1.3100 (fixed)
f_ψ(2S) = 0.2923 (fixed)
n_ψ(2S) = 11.0256 (fixed)
σ1_ψ(2S) = 120.00 ± 30.57 MeV/c², (σ2/σ1)_ψ(2S) = 0.573 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c²)
χ²/ndof = 60 / 30
Pull
2
0
−2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
4
4.1
m_μ⁺μ⁻ (GeV/c²)