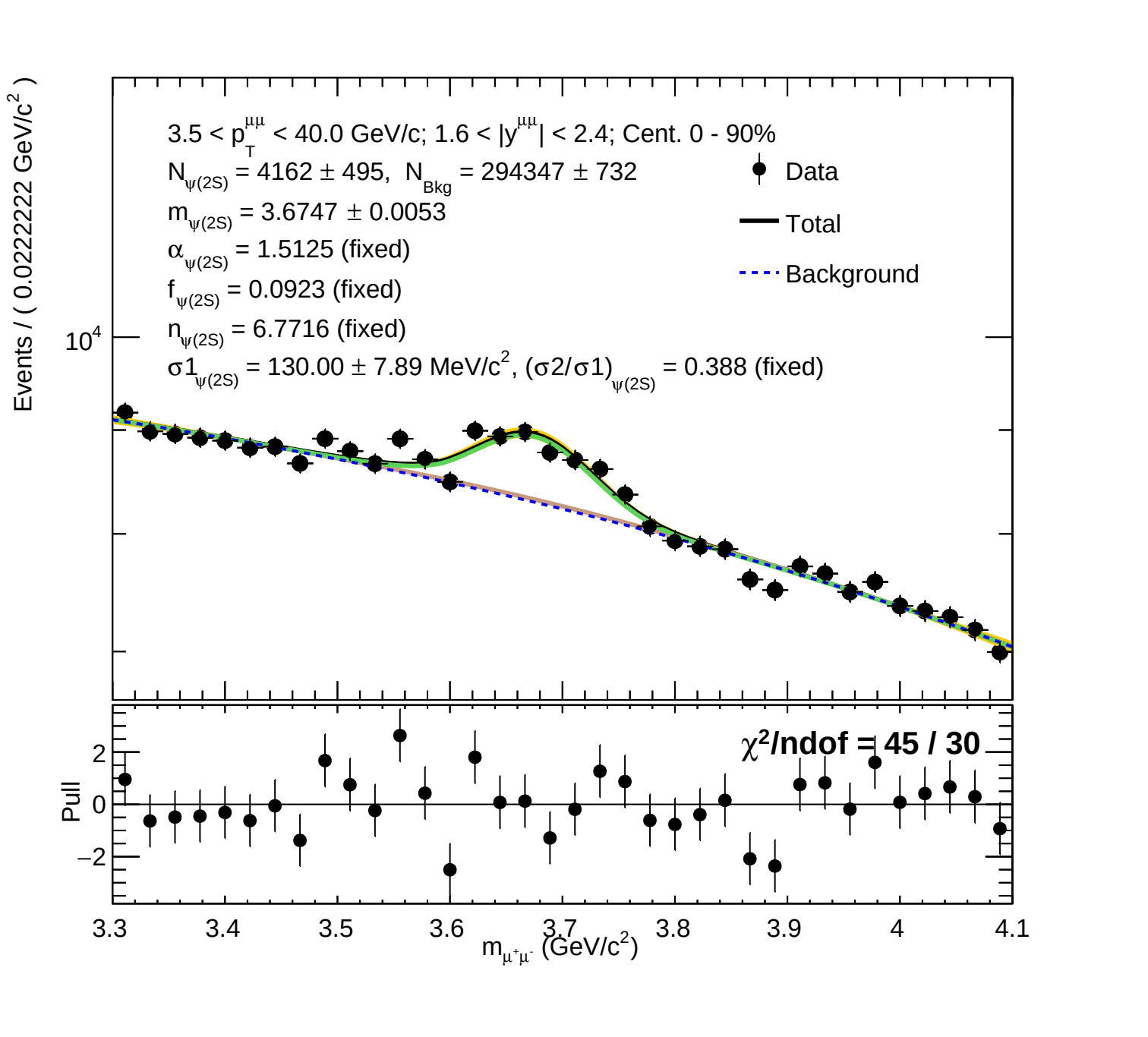
3.5 < p_T^μμ < 40.0 GeV/c; 1.6 < |y^μμ| < 2.4; Cent. 0 - 90%
N_ψ(2S) = 4162 ± 495, N_Bkg = 294347 ± 732
m_ψ(2S) = 3.6747 ± 0.0053
α_ψ(2S) = 1.5125 (fixed)
f_ψ(2S) = 0.0923 (fixed)
n_ψ(2S) = 6.7716 (fixed)
σ1_ψ(2S) = 130.00 ± 7.89 MeV/c², (σ2/σ1)_ψ(2S) = 0.388 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c²)
10⁴
χ²/ndof = 45 / 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)