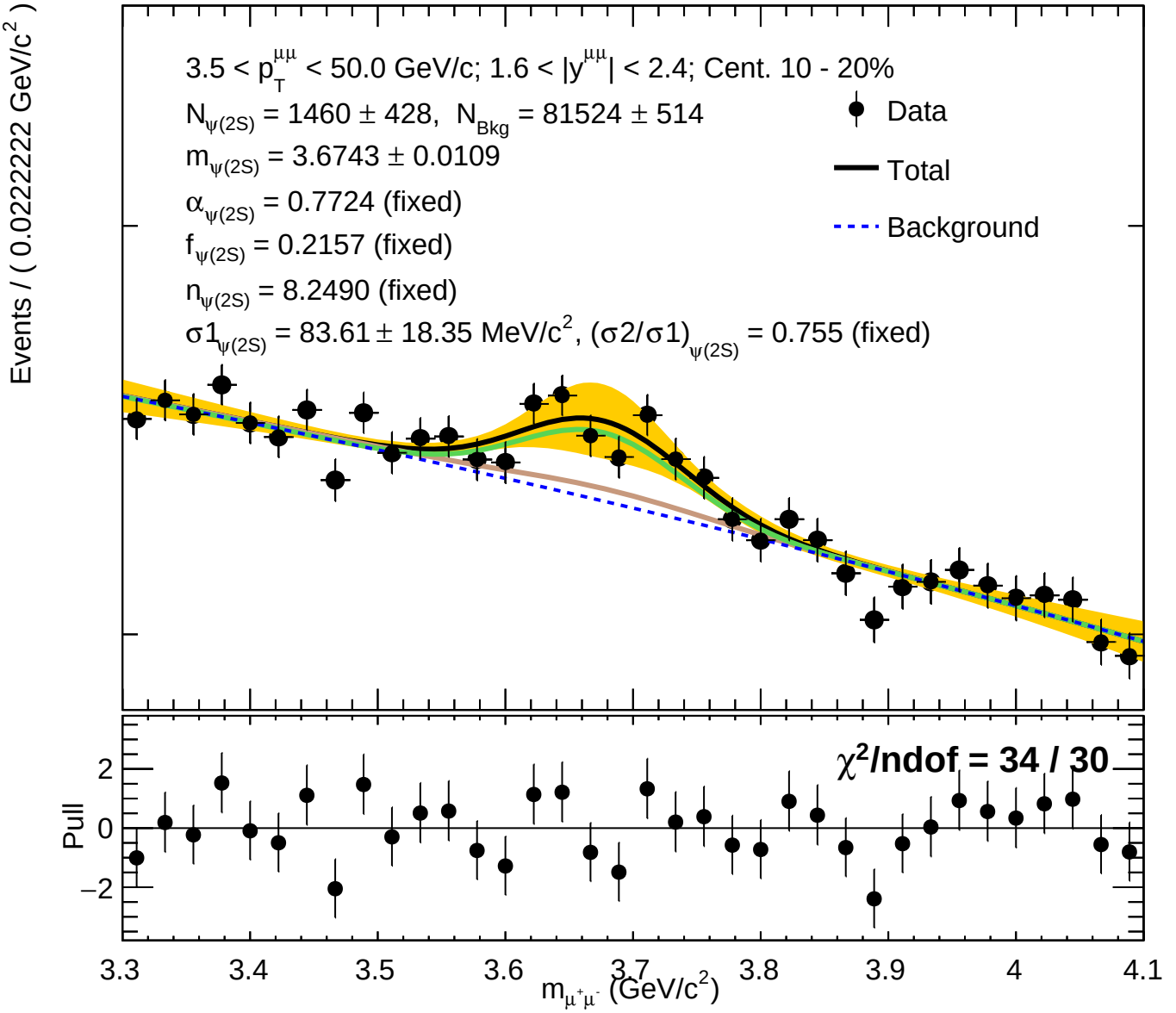
3.5 < p_T^μμ < 50.0 GeV/c; 1.6 < |y^μμ| < 2.4; Cent. 10 - 20%
N_ψ(2S) = 1460 ± 428, N_Bkg = 81524 ± 514
m_ψ(2S) = 3.6743 ± 0.0109
α_ψ(2S) = 0.7724 (fixed)
f_ψ(2S) = 0.2157 (fixed)
n_ψ(2S) = 8.2490 (fixed)
σ1_ψ(2S) = 83.61 ± 18.35 MeV/c^2, (σ2/σ1)_ψ(2S) = 0.755 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c^2)
χ^2/ndof = 34 / 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/c^2)