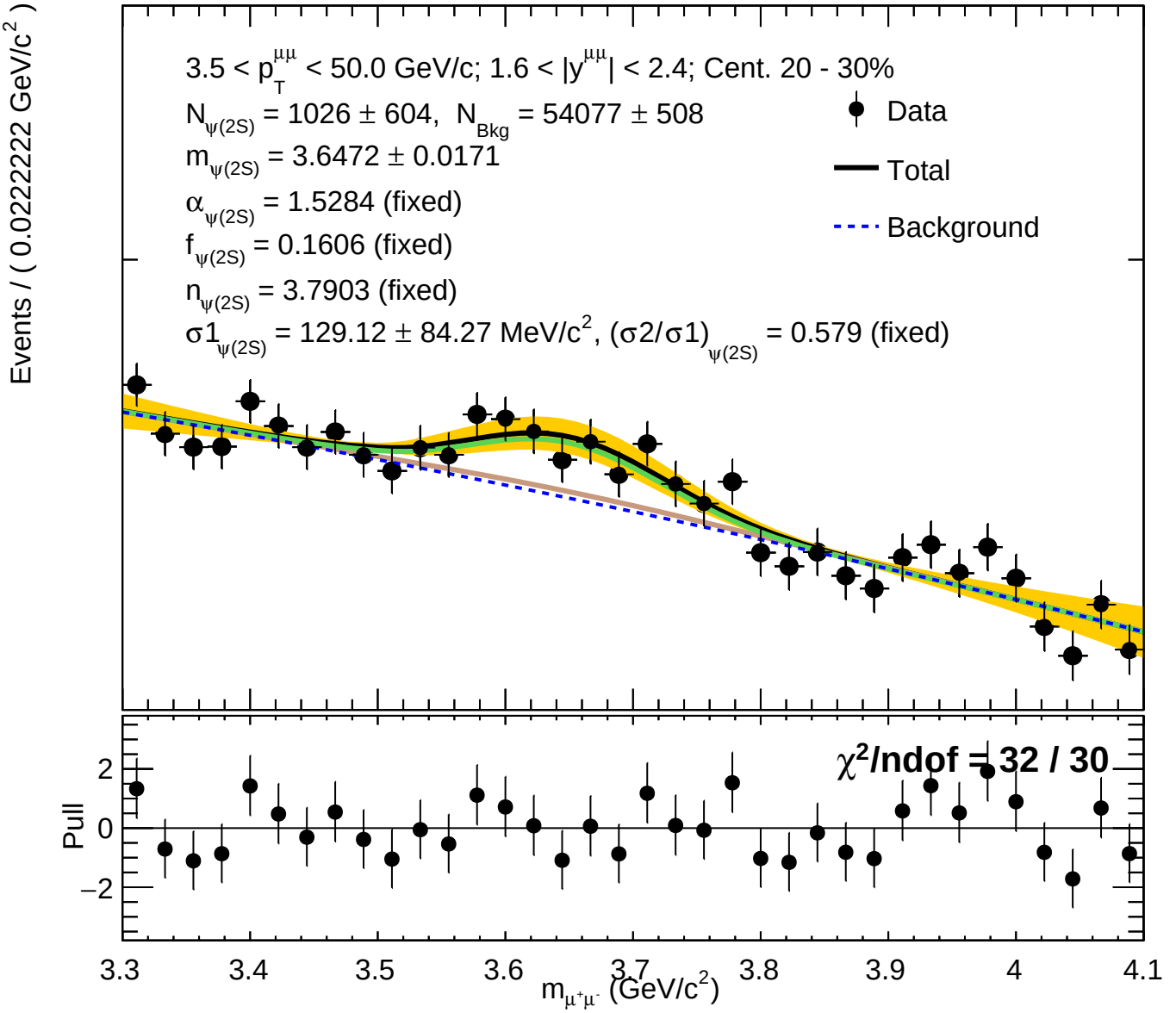
3.5 < p_T^μμ < 50.0 GeV/c; 1.6 < |y^μμ| < 2.4; Cent. 20 - 30%
N_ψ(2S) = 1026 ± 604, N_Bkg = 54077 ± 508
m_ψ(2S) = 3.6472 ± 0.0171
α_ψ(2S) = 1.5284 (fixed)
f_ψ(2S) = 0.1606 (fixed)
n_ψ(2S) = 3.7903 (fixed)
σ1_ψ(2S) = 129.12 ± 84.27 MeV/c^2, (σ2/σ1)_ψ(2S) = 0.579 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c^2)
χ^2/ndof = 32 / 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)