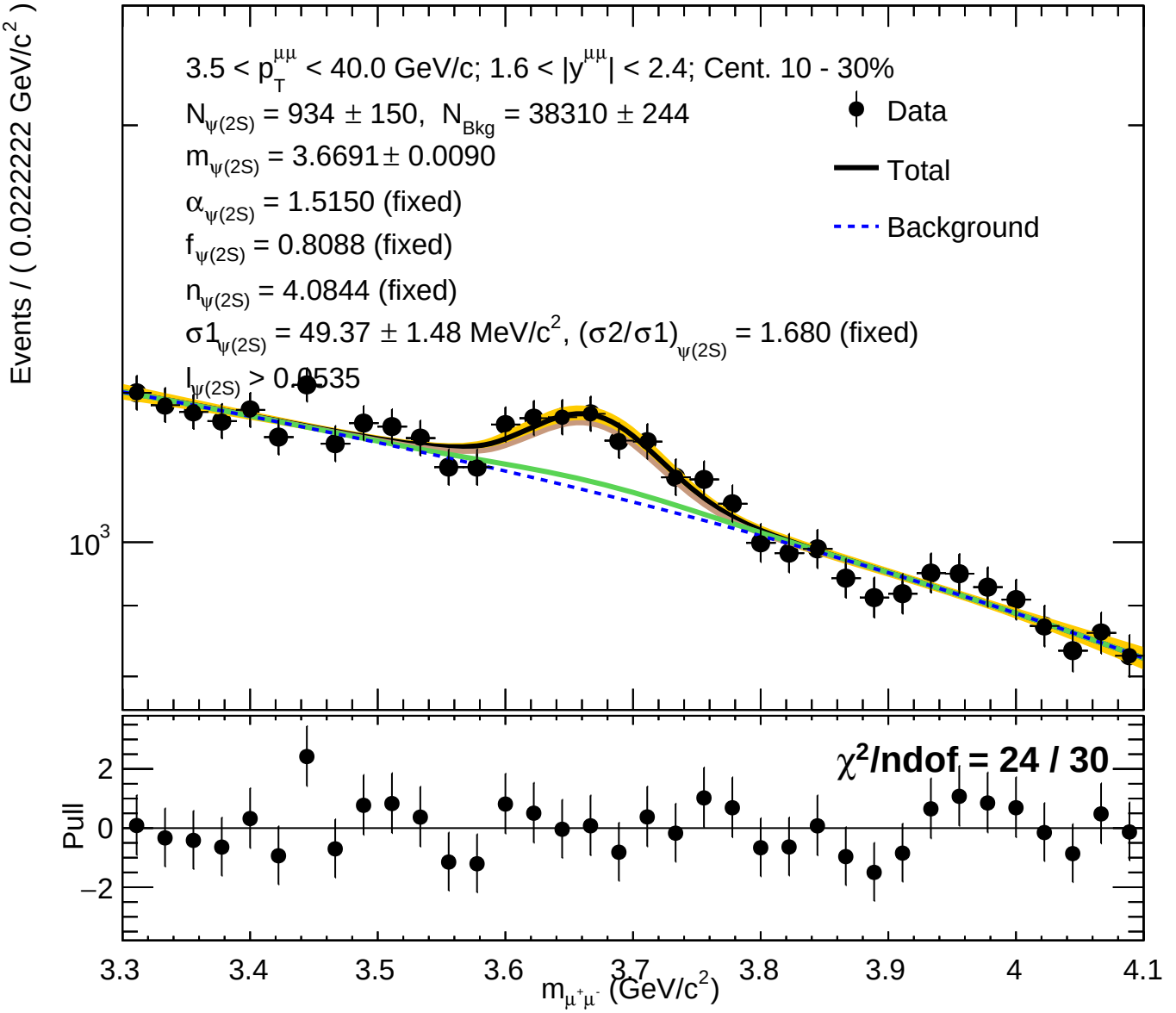
3.5 < p_T^μμ < 40.0 GeV/c; 1.6 < |y^μμ| < 2.4; Cent. 10 - 30%
N_ψ(2S) = 934 ± 150, N_Bkg = 38310 ± 244
m_ψ(2S) = 3.6691 ± 0.0090
α_ψ(2S) = 1.5150 (fixed)
f_ψ(2S) = 0.8088 (fixed)
n_ψ(2S) = 4.0844 (fixed)
σ1_ψ(2S) = 49.37 ± 1.48 MeV/c², (σ2/σ1)_ψ(2S) = 1.680 (fixed)
l_ψ(2S) > 0.0535
Data
Total
Background
Events / (0.0222222 GeV/c²)
10³
χ²/ndof = 24 / 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)