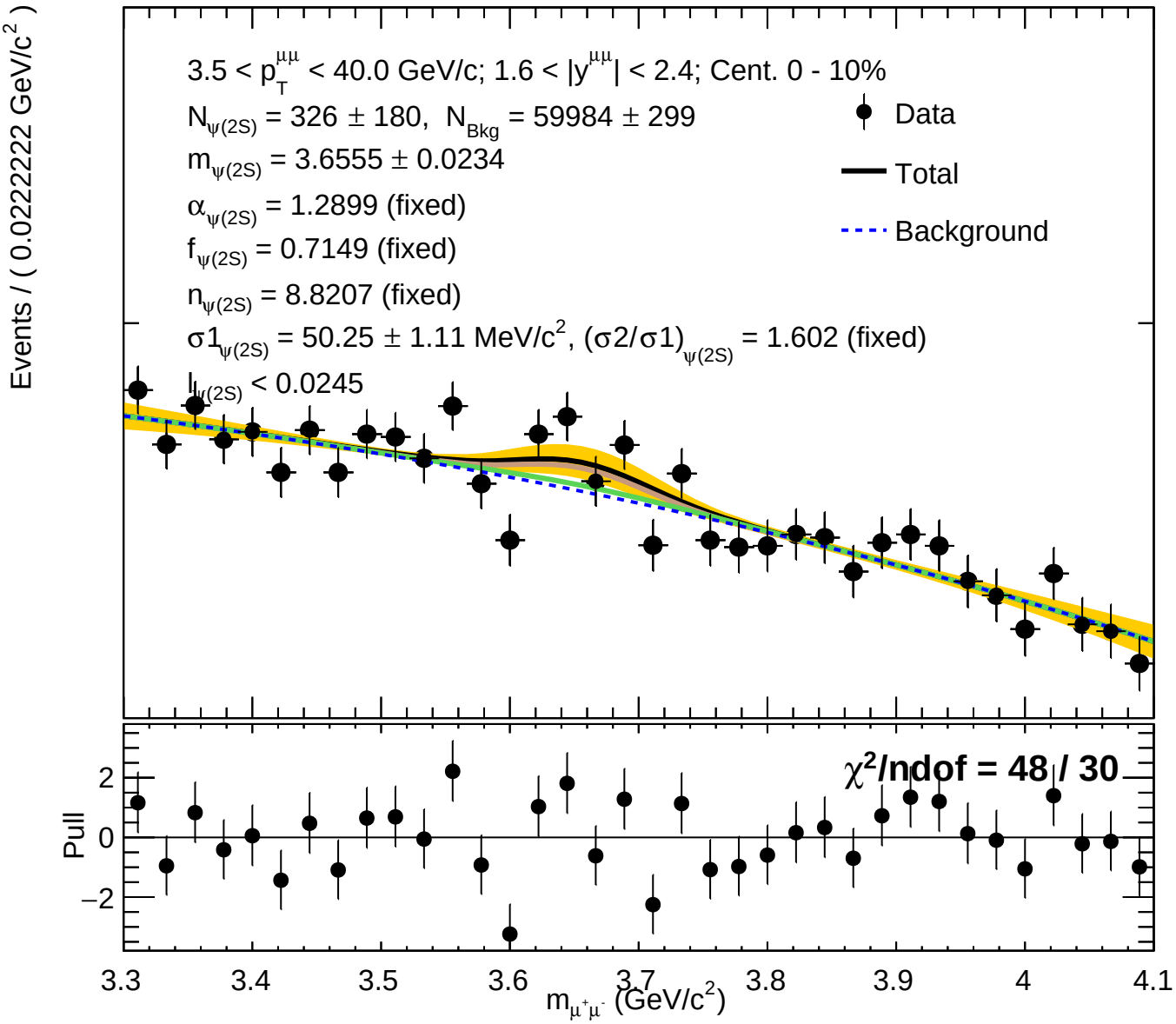
3.5 < $p_T^{\mu\mu}$ < 40.0 GeV/c; 1.6 < $|y^{\mu\mu}|$ < 2.4; Cent. 0 - 10%
$N_{\psi(2S)}$ = 326 ± 180, N_{Bkg} = 59984 ± 299
$m_{\psi(2S)}$ = 3.6555 ± 0.0234
$\alpha_{\psi(2S)}$ = 1.2899 (fixed)
$f_{\psi(2S)}$ = 0.7149 (fixed)
$n_{\psi(2S)}$ = 8.8207 (fixed)
$\sigma1_{\psi(2S)}$ = 50.25 ± 1.11 MeV/c^2, $(\sigma2/\sigma1)_{\psi(2S)}$ = 1.602 (fixed)
$l_{\psi(2S)}$ < 0.0245
Data
Total
Background
Events / (0.0222222 GeV/c^2)
χ^2/ndof = 48 / 30
Pull
2
0
−2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
4
4.1
$m_{\mu^+\mu^-}$ (GeV/c^2)