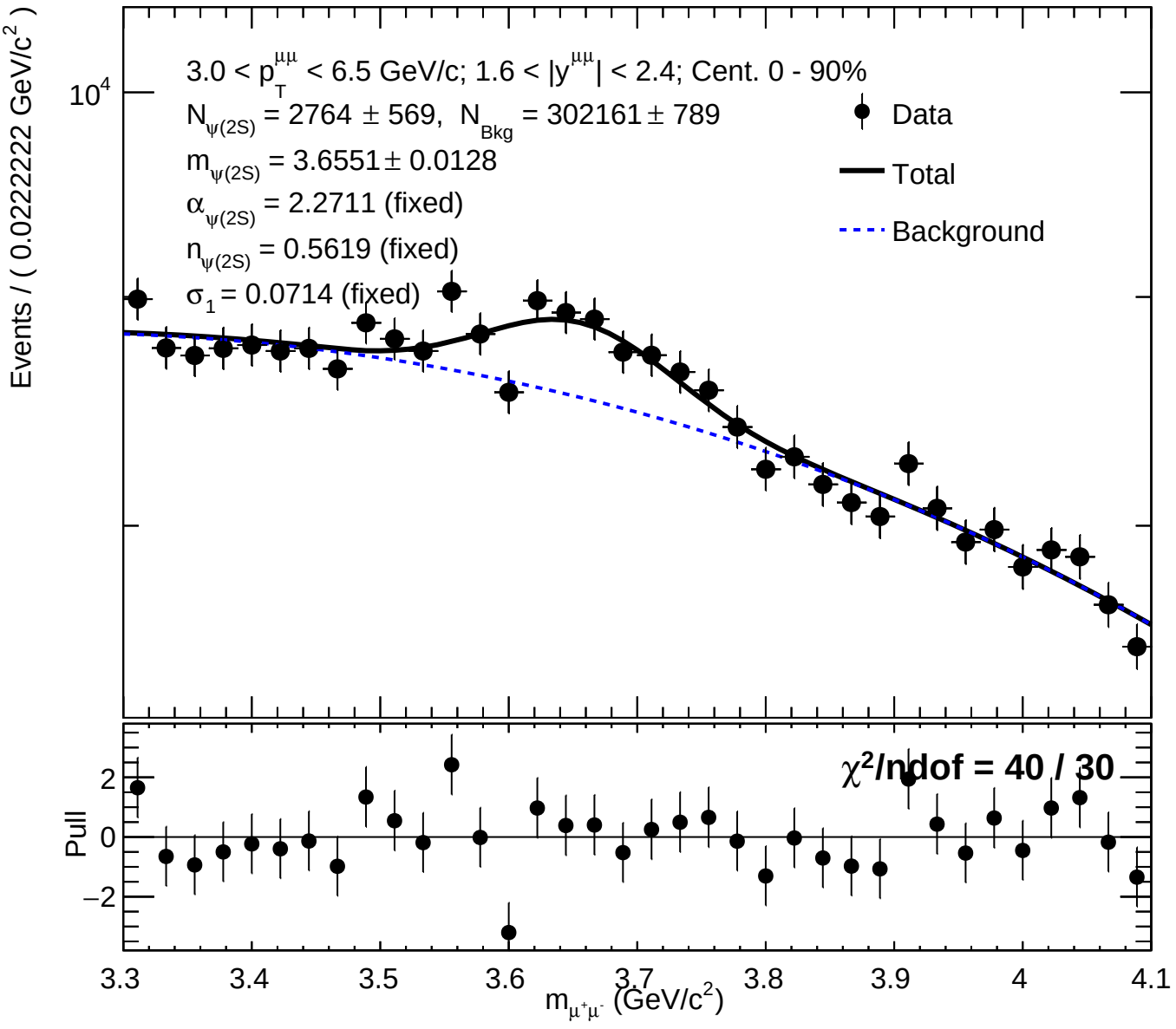
3.0 < $p_T^{\mu\mu}$ < 6.5 GeV/c; 1.6 < $|y^{\mu\mu}|$ < 2.4; Cent. 0 - 90%
$N_{\psi(2S)}$ = 2764 ± 569, N_{Bkg} = 302161 ± 789
$m_{\psi(2S)}$ = 3.6551 ± 0.0128
$\alpha_{\psi(2S)}$ = 2.2711 (fixed)
$n_{\psi(2S)}$ = 0.5619 (fixed)
σ_1 = 0.0714 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c^2)
10^4
χ^2/ndof = 40 / 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)