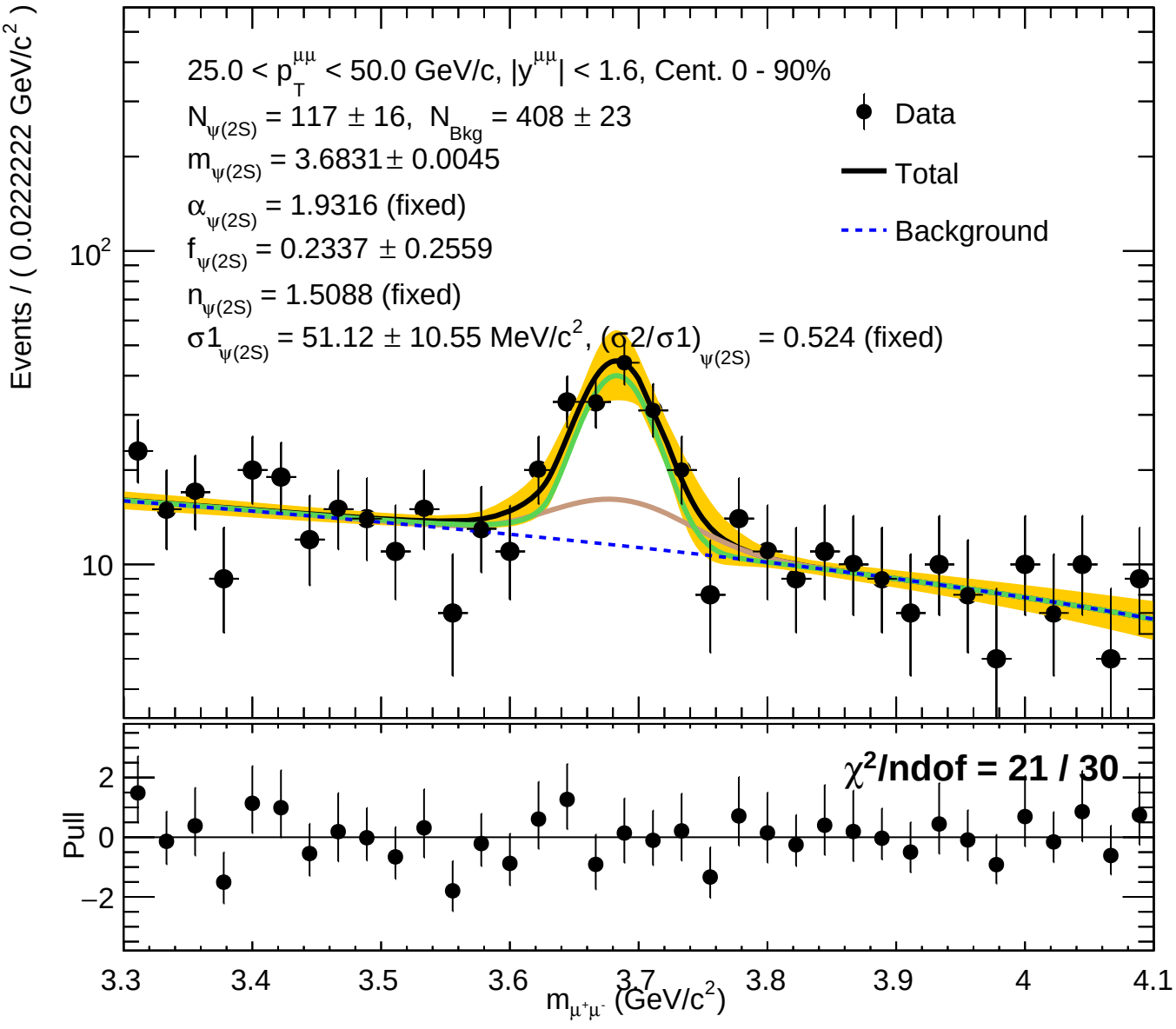
25.0 < $p_T^{\mu\mu}$ < 50.0 GeV/c, $|y^{\mu\mu}|$ < 1.6, Cent. 0 - 90%
$N_{\psi(2S)}$ = 117 ± 16, N_{Bkg} = 408 ± 23
$m_{\psi(2S)}$ = 3.6831 ± 0.0045
$\alpha_{\psi(2S)}$ = 1.9316 (fixed)
$f_{\psi(2S)}$ = 0.2337 ± 0.2559
$n_{\psi(2S)}$ = 1.5088 (fixed)
$\sigma1_{\psi(2S)}$ = 51.12 ± 10.55 MeV/c^2, $(\sigma2/\sigma1)_{\psi(2S)}$ = 0.524 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c^2)
10^2
10
χ^2/ndof = 21 / 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)