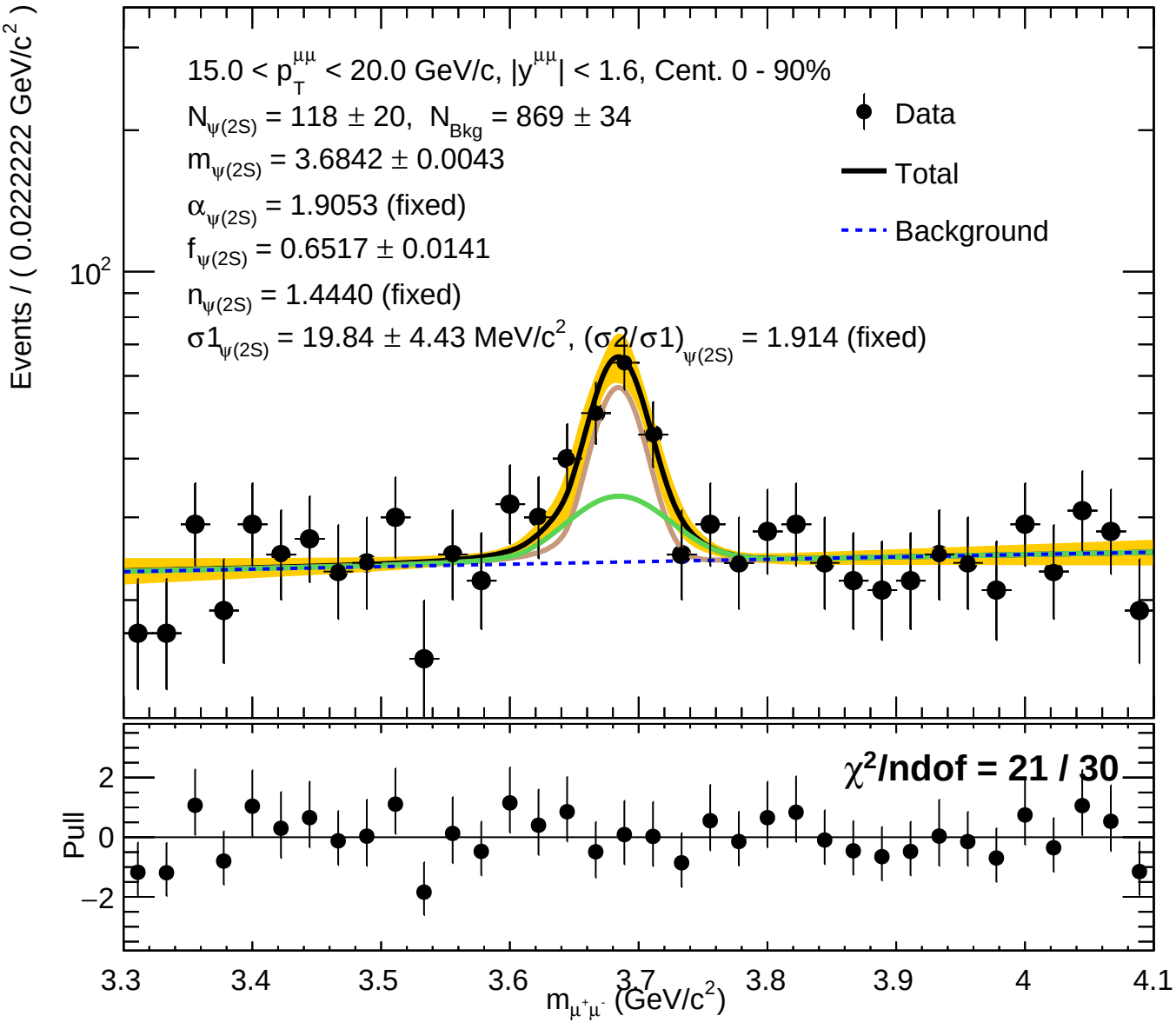
15.0 < $p_T^{\mu\mu}$ < 20.0 GeV/c, $|y^{\mu\mu}|$ < 1.6, Cent. 0 - 90%
$N_{\psi(2S)}$ = 118 ± 20, N_{Bkg} = 869 ± 34
$m_{\psi(2S)}$ = 3.6842 ± 0.0043
$\alpha_{\psi(2S)}$ = 1.9053 (fixed)
$f_{\psi(2S)}$ = 0.6517 ± 0.0141
$n_{\psi(2S)}$ = 1.4440 (fixed)
$\sigma1_{\psi(2S)}$ = 19.84 ± 4.43 MeV/c^2, $(\sigma2/\sigma1)_{\psi(2S)}$ = 1.914 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c^2)
10^2
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)