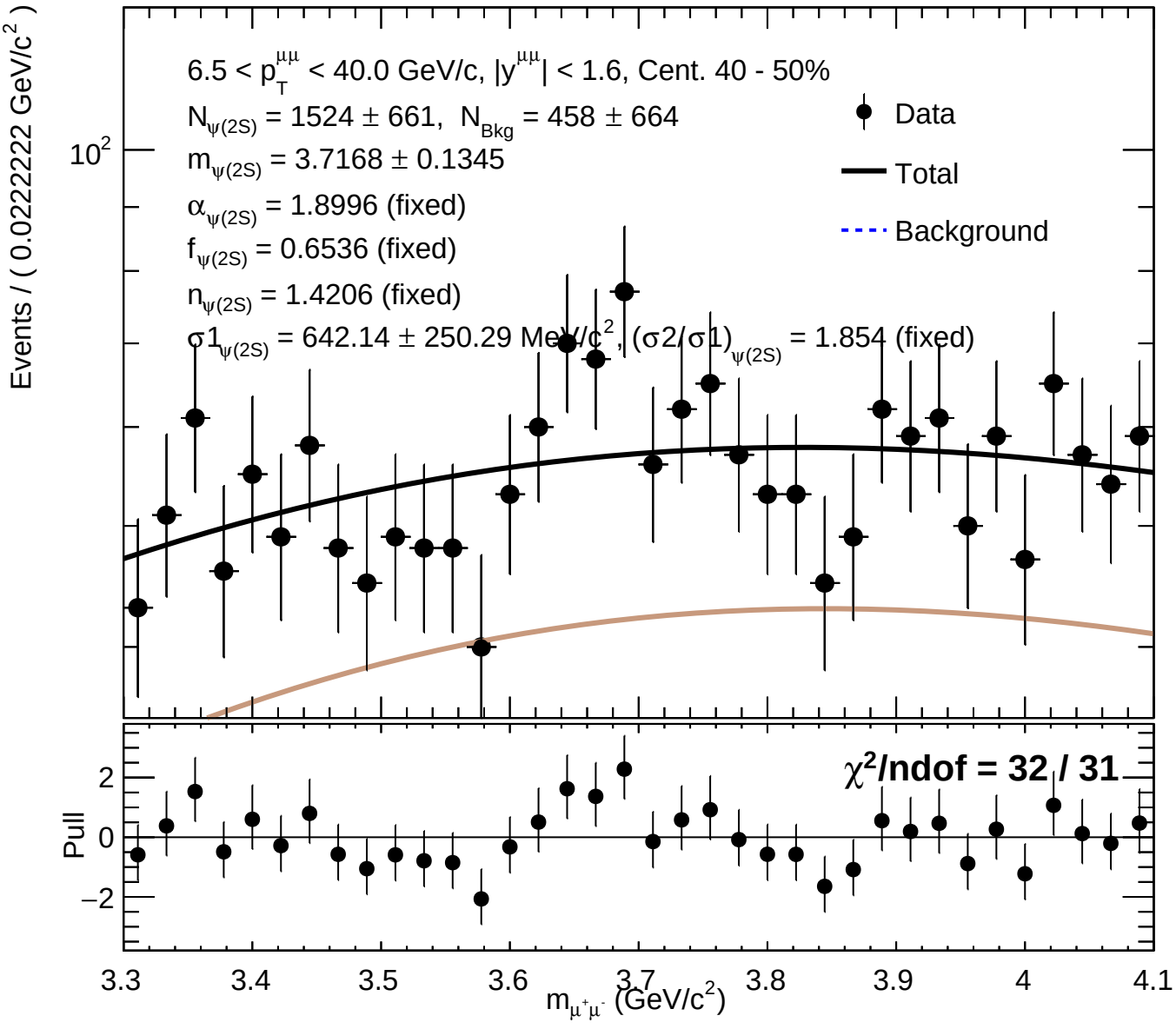
6.5 < $p_T^{\mu\mu}$ < 40.0 GeV/c, $|y^{\mu\mu}|$ < 1.6, Cent. 40 - 50%
$N_{\psi(2S)}$ = 1524 ± 661, N_{Bkg} = 458 ± 664
$m_{\psi(2S)}$ = 3.7168 ± 0.1345
$\alpha_{\psi(2S)}$ = 1.8996 (fixed)
$f_{\psi(2S)}$ = 0.6536 (fixed)
$n_{\psi(2S)}$ = 1.4206 (fixed)
$\sigma1_{\psi(2S)}$ = 642.14 ± 250.29 MeV/c^2, $(\sigma2/\sigma1)_{\psi(2S)}$ = 1.854 (fixed)
Data
Total
Background
Events / (0.0222222 GeV/c^2)
10^2
χ^2/ndof = 32 / 31
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)