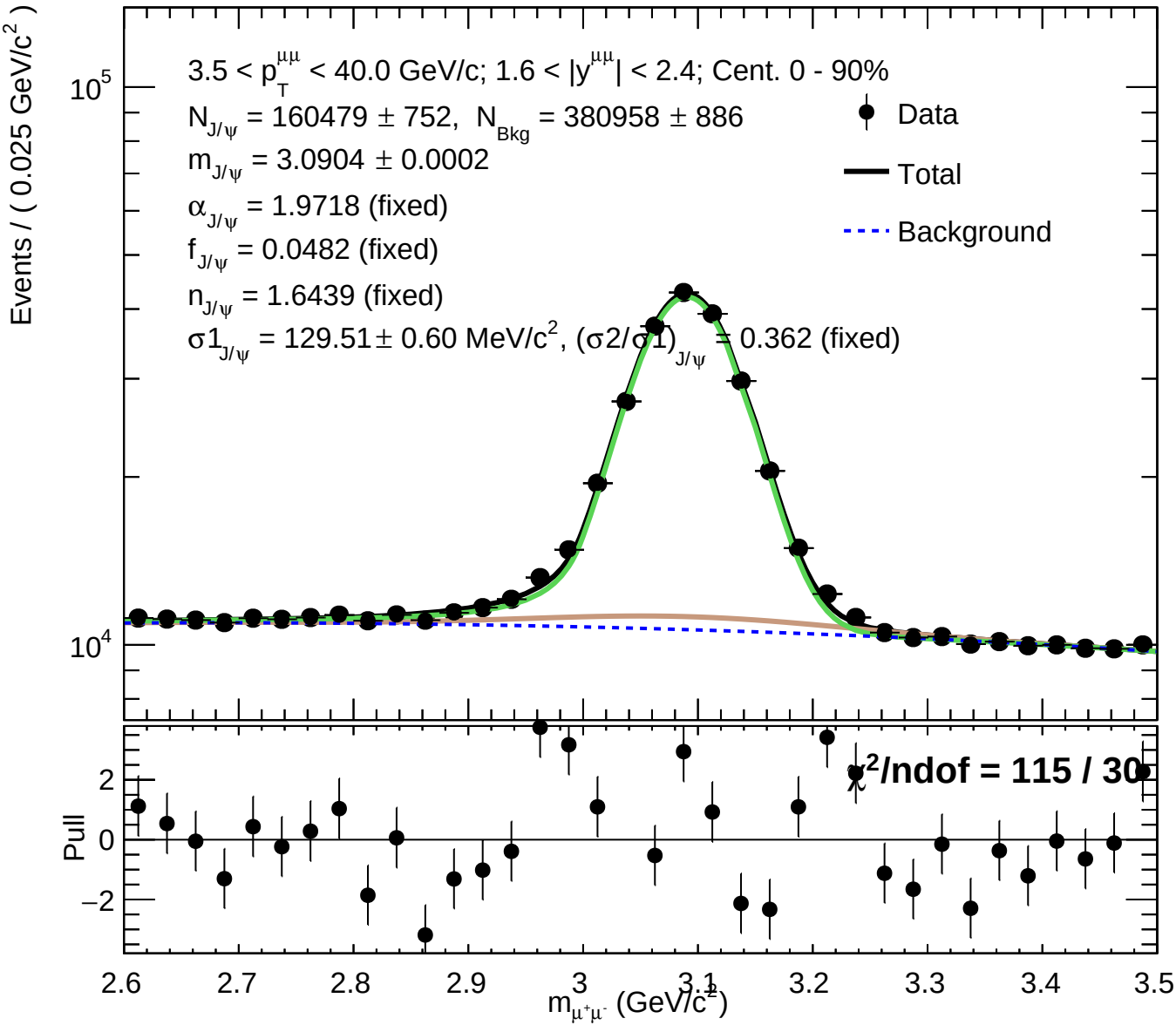
3.5 < $p_T^{\mu\mu}$ < 40.0 GeV/c; 1.6 < $|y^{\mu\mu}|$ < 2.4; Cent. 0 - 90%
$N_{J/\psi}$ = 160479 ± 752, N_{Bkg} = 380958 ± 886
$m_{J/\psi}$ = 3.0904 ± 0.0002
$\alpha_{J/\psi}$ = 1.9718 (fixed)
$f_{J/\psi}$ = 0.0482 (fixed)
$n_{J/\psi}$ = 1.6439 (fixed)
$\sigma1_{J/\psi}$ = 129.51 ± 0.60 MeV/c^2, $(\sigma2/\sigma1)_{J/\psi}$ = 0.362 (fixed)
Data
Total
Background
Events / (0.025 GeV/c^2)
10^5
10^4
χ^2/ndof = 115 / 30
Pull
2
0
−2
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
$m_{\mu^+\mu^-}$ (GeV/c^2)