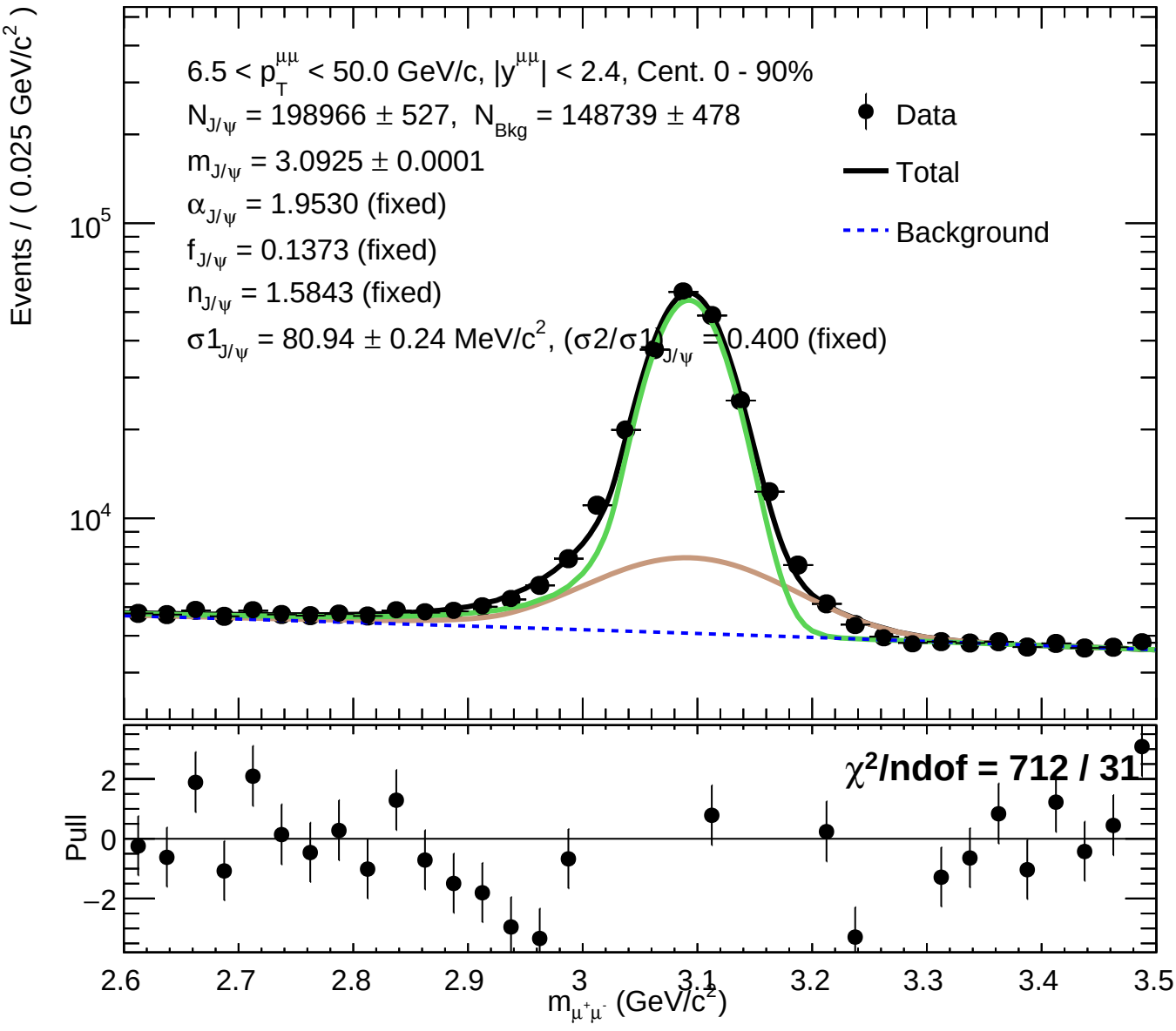
6.5 < $p_T^{\mu\mu}$ < 50.0 GeV/c, $|y^{\mu\mu}|$ < 2.4, Cent. 0 - 90%
$N_{J/\psi}$ = 198966 ± 527, N_{Bkg} = 148739 ± 478
$m_{J/\psi}$ = 3.0925 ± 0.0001
$\alpha_{J/\psi}$ = 1.9530 (fixed)
$f_{J/\psi}$ = 0.1373 (fixed)
$n_{J/\psi}$ = 1.5843 (fixed)
$\sigma1_{J/\psi}$ = 80.94 ± 0.24 MeV/c^2, ($\sigma2/\sigma1$)$_{J/\psi}$ = 0.400 (fixed)
Data
Total
Background
Events / (0.025 GeV/c^2)
10^5
10^4
χ^2/ndof = 712 / 31
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)