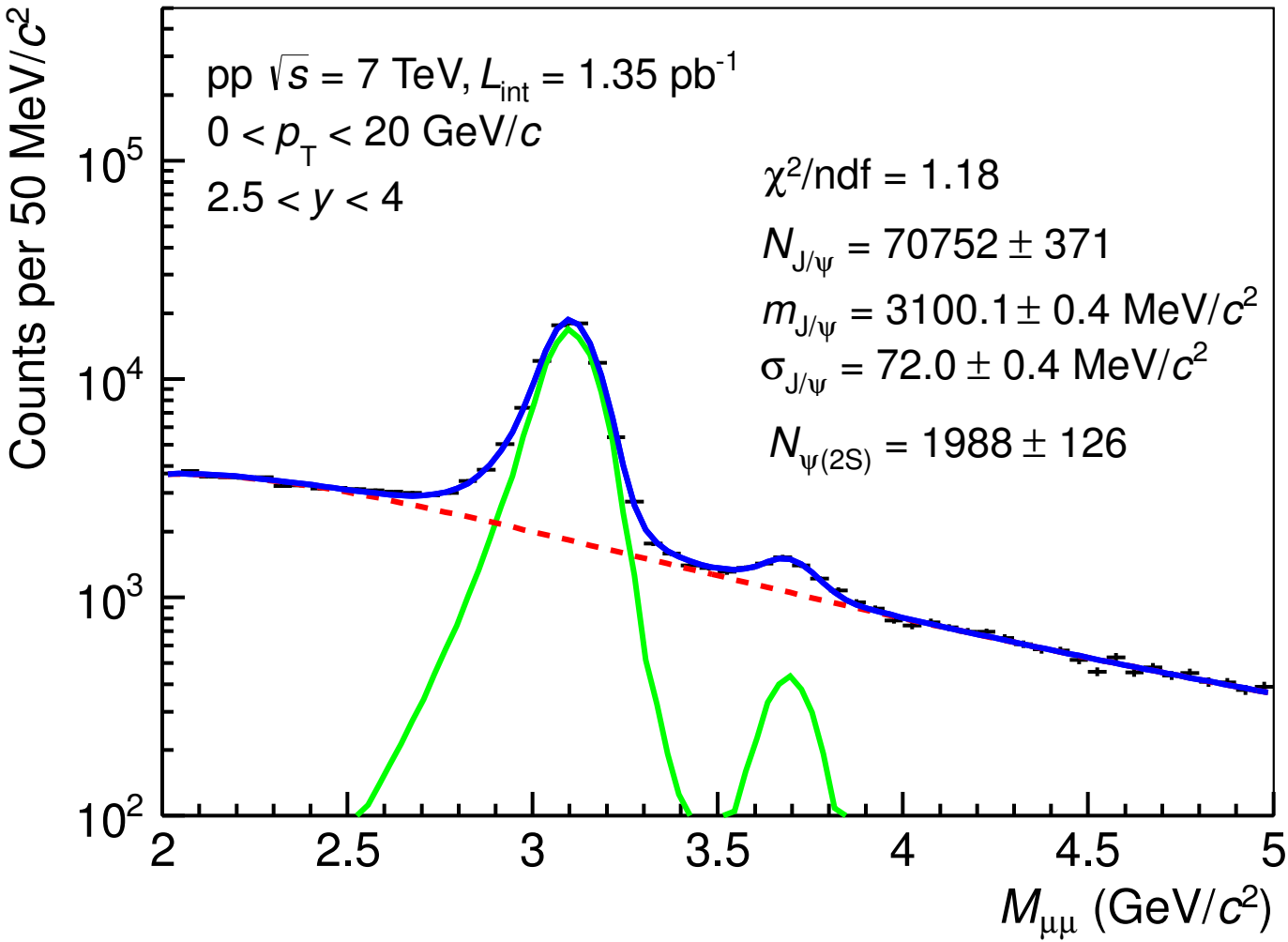
pp $\sqrt{s}$ = 7 TeV, L_{int} = 1.35 pb^{-1}
$0 < p_T < 20$ GeV/c
$2.5 < y < 4$
χ^2/ndf = 1.18
$N_{J/\psi}$ = 70752 ± 371
$m_{J/\psi}$ = 3100.1 ± 0.4 MeV/c^2
$\sigma_{J/\psi}$ = 72.0 ± 0.4 MeV/c^2
$N_{\psi(2S)}$ = 1988 ± 126
Counts per 50 MeV/c^2
10^5
10^4
10^3
10^2
2
2.5
3
3.5
4
4.5
5
$M_{\mu\mu}$ (GeV/c^2)