

Events / ( 0.025 GeV/c<sup>2</sup> )

$6.5 < p_T^{\mu\mu} < 40.0$  GeV/c,  $|y^{\mu\mu}| < 1.6$ , Cent. 10 - 20%

$N_{J/\psi} = 10301 \pm 114$ ,  $N_{\text{Bkg}} = 7167 \pm 100$

$m_{J/\psi} = 3.0939 \pm 0.0003$

$\alpha_{J/\psi} = 2.0136 \pm 0.0241$

$f_{J/\psi} = 0.7317$  (fixed)

$n_{J/\psi} = 1.3723$  (fixed)

$\sigma 1_{J/\psi} = 24.34 \pm 0.12$  MeV/c<sup>2</sup>,  $(\sigma 2/\sigma 1)_{J/\psi} = 1.941$  (fixed)

• Data

— Total

- - - Background

$\chi^2/\text{ndof} = 54 / 30$

Pull

$m_{\mu^+\mu^-}$  (GeV/c<sup>2</sup>)

