

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

$6.5 < p_T^{\mu\mu} < 40.0$  GeV/c,  $|y^{\mu\mu}| < 1.6$ , Cent. 50 - 90%

$N_{J/\psi} = 7065 \pm 88$ ,  $N_{\text{Bkg}} = 1202 \pm 44$

$m_{J/\psi} = 3.0921 \pm 0.0004$

$\alpha_{J/\psi} = 2.0526 \pm 0.0136$

$f_{J/\psi} = 0.6181$  (fixed)

$n_{J/\psi} = 1.3531$  (fixed)

$\sigma 1_{J/\psi} = 22.68 \pm 0.66$  MeV/c<sup>2</sup>,  $(\sigma 2/\sigma 1)_{J/\psi} = 1.831$  (fixed)

• Data

— Total

- - - Background

Pull

$\chi^2/\text{ndof} = 37 / 30$

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

