

STAR

p+Au, $\sqrt{s_{NN}} = 200$ GeV, $L \sim 410$ nb $^{-1}$

$|y^{J/\psi}| < 0.5, p_T^{J/\psi} > 0$ GeV/c

$N_{J/\psi} = 4492 \pm 102$

S/B = 1:0.8

- Unlike-sign pairs
- Comb. Bkg. (CB)
- - - Fit + CB
- · - Res. Bkg. + CB

Counts/(50 MeV/c 2)

2.6

2.8

3.0

3.2

3.4

3.6

3.8

4

$M_{\mu^+\mu^-}$ (GeV/c 2)

