

CMSPbPb 1.52 nb⁻¹ (5.02 TeV)

Events / (0.03 GeV)

 $1.6 < |y^{\mu\mu}| < 1.9$ $2.95 < m_{\mu\mu} < 3.25$ GeV

XnXn

- Data
- Fit: $\chi^2/\text{ndf} = 1.3$
- Coherent J/ ψ
- - - Incoherent J/ ψ w/o N dissociation
- · - · Incoherent J/ ψ w. N dissociation
- Coherent $\psi(2S) \rightarrow J/\psi + X$
- (QED continuum) $\gamma\gamma \rightarrow \mu\mu$

10²

10

1

0

0.5

1

1.5

2

2.5

3

 p_T (GeV)