CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $\alpha_{CB} = 1.0 + -0.4$ Events / (0.1 GeV/c^2) 25 $20.0 < p_{_{ m T}} < 40.0$ $N_{\Upsilon(1S)} = 46 + /-8$ |y| < 2.4 $N_{\Upsilon(2S)} = 5 + /-4$ 20 $N_{\Upsilon(3S)} = 5 + /-4$ $p_{T}^{\mu_{1}} > 4.0 \text{ GeV/c}$ decay = 7 + / - 2 $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.46 +/- 0.02$ 15 $n_{Bkgd} = 113 +/- 12$ turnOn = 9 +/-610 width = 9.0 + / - 1.05 3 χ^2 /ndf = 18.5/45 10 12 13 $m_{\mu\mu}$ [GeV/c²]