CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $N_{\Upsilon(1S)} = 768 + /-142$ Events / (0.1 GeV/c^2) 350 1.2 < |y| < 2.4 $N_{\Upsilon(2S)} = 87 + -29$ $N_{\Upsilon(3S)} = -7 + /- 26$ 300 decay = 3.2 + / - 0.3 $p_{T}^{\mu_{1}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.437 + -0.008$ 250 $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $n_{Bkgd} = 5531 + -92$ 200 $n_{CB} = 3 + /- 1$ turnOn = 8.3 + / - 0.3150 width = 2.2 + /- 0.2100 50 χ^2 /ndf = 61.1/55 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]