CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $N_{\Upsilon(1S)} = 912 + /-516$ Events / (0.1 GeV/c^2) 500 Cent. 10-30% $N_{\Upsilon(2S)} = 85 + /- 119$ $p_{_{\rm T}} > 0$ $N_{\Upsilon(3S)} = 0 + /-58$ |y| < 2.4400 decay = 5.8 + / - 0.6 $p_{_{T}}^{\mu_{_{1}}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.456 + -0.006$ $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $n_{Bkgd} = 7871 + -656$ 300 $n_{CB} = 1 + /-37$ turnOn = 8.1 + /- 0.3200 width = 2.6 + /- 0.6 χ^2 /ndf = 63.3/55 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]