CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) $N_{\Upsilon(1S)} = 365 \pm 1.52$ Events / (0.1 GeV/c^2) 200 Cent. 20-30% $N_{\Upsilon(2S)} = 37 + /- 24$ $p_{_{\rm T}} > 0$ $N_{\Upsilon(3S)} = 12 +/- 25$ |y| < 2.4decay = 5 + / - 6150 $p_{\tau}^{\mu_1} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.450 + -0.008$ $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \; {\rm GeV/c}$ $n_{Bkgd} = 2874 + /-88$ $n_{CB} = 1.2 +/- 0.7$ 100 turnOn = 8 + / - 8width = 3.1 + /- 0.350 χ^2 /ndf = 55.9/55 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]