CMS Preliminary PbPb 166 μb⁻¹ (2.76 TeV) N_{Y (1S)} = 288 +/- 25 200 Events / (0.1 GeV/c^2) Cent. 30-40% $N_{\Upsilon(2S)} = 33 + /- 17$ $p_{_{\rm T}} > 0$ $N_{\Upsilon(3S)} = -1 +/- 16$ |y| < 2.4decay = 5.3 + / -0.8150 $p_{\tau}^{\mu_1} > 3.5 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.441 + -0.009$ $p_{_{\rm T}}^{\mu_{_2}} > 3.5 \text{ GeV/c}$ $n_{Bkgd} = 3448 + /-67$ turnOn = 7.2 + /- 0.2100 width = 2.0 + / - 0.550 χ^2 /ndf = 51.5/56 9 10 12 13 $m_{\mu\mu}$ [GeV/c²]