## **CMS** Preliminary PbPb 166 μb<sup>-1</sup> (2.76 TeV) $\sigma_{CB1} = 0.071 + 0.010$ Events / $(0.1 \text{ GeV/c}^2)$ 100 Cent. 50-70% $N_{\Upsilon(1S)} = 173 + -19$ $p_{T} > 0$ $N_{\Upsilon(2S)} = 15 + /- 11$ |y| < 2.480 $N_{\Upsilon(3S)} = -7.8 + /-9$ $p_{\tau}^{\mu_1} > 3.5 \text{ GeV/c}$ decay = 7 + / - 2 $p_{_{\rm T}}^{\mu_{_2}} > 4.0 \text{ GeV/c}$ $m_{\Upsilon(1S)} = 9.44 +/- 0.01$ 60 $n_{Bkgd} = 1025 + -40$ turnOn = 7.8 + / - 0.540 width = 2.0 + / - 0.620 $\chi^2$ /ndf = 39.9/55 9 10 11 12 13 $m_{\mu\mu}$ [GeV/c<sup>2</sup>]