

PbPb $L_{\text{int}}=351 \mu\text{b}^{-1}$ $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ Events / (0.1 GeV/c²)**CMS***Preliminary* $p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$
 $|y| < 2.4$
 $p_{\text{T}}^{\mu} > 4 \text{ GeV}/c$
Cent: 5-10%

$N_{\gamma(1S)} = 872 \pm 55$
$R_{\frac{2S}{1S}} = 0.121 \pm 0.052$
$R_{\frac{3S}{1S}} = 0.006 \pm 0.036$
decay = 5.83 ± 0.29
$m_{\gamma(1S)} = 9.4533 \pm 0.0069$
$n_{\text{Bkgd}} = 20196 \pm 174$
turnOn = 7.852 ± 0.084

