

PbPb $L_{\text{int}} = 464 \mu\text{b}^{-1}$

$\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$

Events / (0.1 GeV/c^2)

$p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$
 $|y| < 2.4$
 $p_{\text{T}}^{\mu} > 4 \text{ GeV}/c$
Cent: 50-60%

CMS

Preliminary

$N_{\gamma(1S)} = 293 \pm 24$
 $R_{\frac{2S}{1S}} = 0.110 \pm 0.054$
 $R_{\frac{3S}{1S}} = 0.045 \pm 0.051$
decay = 6.3 ± 1.1
 $m_{\gamma(1S)} = 9.4580 \pm 0.0086$
 $n_{\text{Bkgd}} = 2235 \pm 56$
turnOn = 8.31 ± 0.18

