

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: 70-100%

CMS

Preliminary

$N_{\gamma(1S)} = 102 \pm 15$
$R_{\frac{2S}{1S}} = 0.25 \pm 0.11$
$R_{\frac{3S}{1S}} = 0.00 \pm 0.12$
decay = 4.50 ± 0.86
$m_{\gamma(1S)} = 9.457 \pm 0.015$
$n_{\text{Bkgd}} = 1019 \pm 36$
turnOn = 9.11 ± 0.19

