

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

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

Events / (0.1 GeV/c^2)

CMS

Preliminary

$p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$
 $|y| < 2.4$
 $p_{\text{T}}^{\mu} > 4 \text{ GeV}/c$
Cent: 40-50%

$N_{\gamma(1S)} = 503 \pm 33$
 $R_{\frac{2S}{1S}} = 0.137 \pm 0.047$
 $R_{\frac{3S}{1S}} = 0.066 \pm 0.044$
decay = 7.15 ± 0.92
 $m_{\gamma(1S)} = 9.4419 \pm 0.0069$
 $n_{\text{Bkgd}} = 4762 \pm 82$
turnOn = 8.17 ± 0.14

