

pp  $L_{\text{int}} = 26 \text{ pb}^{-1}$

$\sqrt{s} = 5.02 \text{ TeV}$

Events / (0.1 GeV/c<sup>2</sup>)

$5 < p_{\text{T}}^{\mu\mu} < 12 \text{ GeV/c}$   
 $|y| < 2.4$   
 $p_{\text{T}}^{\mu} > 4 \text{ GeV/c}$

**CMS**

*Preliminary*

$N_{\text{Y}(1\text{S})} = 13073 \pm 142$

$R_{\frac{2\text{S}}{1\text{S}}} = 0.3104 \pm 0.0075$

$R_{\frac{3\text{S}}{1\text{S}}} = 0.1719 \pm 0.0061$

$a1_{\text{bkg}} = -0.1647 \pm 0.010$

$a2_{\text{Bkg}} = 0.002 \pm 0.011$

$a3_{\text{Bkg}} = 0.034 \pm 0.011$

$a4_{\text{Bkg}} = -0.03468 \pm 0.0093$

$m_{\text{Y}(1\text{S})} = 9.44948 \pm 0.00097$

$n_{\text{Bkgd}} = 36839 \pm 241$

Pull

$\chi^2/\text{ndf} = 46.0/50$

