

$\times 10^3 \sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$

PbPb 10 nb<sup>-1</sup>

**CMS** *Projection*

$1.6 < |y^{\mu\mu}| < 2.4$

$3 < p_{\text{T}}^{\mu\mu} < 30 \text{ GeV}/c$

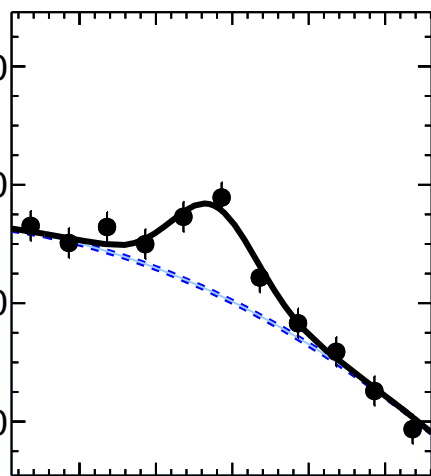
Cent. 0-100%

Events / ( 0.05 GeV/c<sup>2</sup> )

250  
200  
150  
100  
50  
0

● Data  
— Total fit  
- - - Background

Events / ( 0.05 GeV/c<sup>2</sup> )



$m_{\mu^+\mu^-} \text{ (GeV}/c^2\text{)}$

$m_{\mu^+\mu^-} \text{ (GeV}/c^2\text{)}$

2.5

3

3.5

4

4.5