

$H \rightarrow J/\psi \gamma \rightarrow \mu\mu\gamma$

2016 35.9 fb<sup>-1</sup> (13TeV)

**CMS**

—●— Data

■  $H \rightarrow J/\psi \gamma$  signal  $\times 750$

▨  $H \rightarrow \gamma^* \gamma$  background  $\times 150$

Events / 0.05 GeV

8.5

9

9.5

10

10.5

11

11.5

$m_{\mu\mu}$  (GeV)