

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

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 / 0.01 cm

60

50

40

30

20

10

0

$y_{\text{dimuvtx}} - y_{\text{pv}}$  (cm)

