


$H \rightarrow J/\psi \gamma \rightarrow \mu\mu\gamma$ 2016 35.9 fb<sup>-1</sup> (13TeV)

Events / 0.1

**CMS***Preliminary* **Data**  **$H \rightarrow J/\psi \gamma$  signal**  **$H \rightarrow \gamma^* \gamma$  background**10<sup>2</sup>

10

1

Data / Signal MC

10

1

Significance of  $L_{xy}$ 

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5