

$H \rightarrow J/\psi \gamma \rightarrow \mu\mu\gamma$ 2016 35.9 fb⁻¹ (13TeV)

Events / 0.04

CMS*Preliminary* **Data** **$H \rightarrow J/\psi \gamma$ signal** **$H \rightarrow \gamma^* \gamma$ background**

40

35

30

25

20

15

10

5

0

Data / Signal MC

2

1

0

dimuon vertex prob.

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1