

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

2016 35.9 fb⁻¹ (13TeV)

CMS

—●— Data

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

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

Events / 0.01 cm

120

100

80

60

40

20

0

dimuon vertex x position (cm)

-0.1

-0.05

0

0.05

0.1

0.15

0.2

0.25

0.3