

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

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

35
30
25
20
15
10
5
0

dimuon vertex x position (cm)

-0.1 -0.05 0 0.05 0.1 0.15 0.2 0.25 0.3

