

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

2016 35.9 fb⁻¹ (13TeV)

E_T^γ (GeV)

CMS
Preliminary

—▲— Data

□ $H \rightarrow J/\psi \gamma$ signal

□ $H \rightarrow \gamma^* \gamma$ background

120

100

80

60

40

20

0

450

400

350

300

250

200

150

100

50

0

0

20

40

60

80

100

120

$p_T^{\text{lead } \mu}$ (GeV)