

$H \rightarrow J/\psi \gamma \rightarrow \mu\mu\gamma$ 2016 35.9 fb⁻¹ (13TeV) E_T^γ (GeV)**CMS***Preliminary*

Data

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

160

140

120

100

80

60

40

20

0

1600

1400

1200

1000

800

600

400

200

0

 $p_T^{\mu\mu\gamma}$ (GeV)