

Events/(22.5 GeV)

CMS Preliminary

$L = 3.7 \text{ fb}^{-1}$ (13 TeV, 2016)

Light Jets CR

$t\bar{t}H(\gamma\gamma)$

$Z/\gamma^* + \text{Jets}$

$\gamma + \text{Jets}$

$\gamma\gamma + \text{Jets}$

QCD

\dagger Data (3.7 fb^{-1})

Stat. Uncertainty

VBF $H(\gamma\gamma)$

VH($\gamma\gamma$)

ggH($\gamma\gamma$)

Data/MC

100

200

300

400

500

600

700

800

900

1000

\tilde{M}_X (GeV)

