

Events/(3.0 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

60 70 80 90 100 110 120 130 140 150 160 170 180
DiJet Candidate Mass (GeV)

10^4
 10^3
 10^2
 10
 1
 10^{-1}
 10^{-2}

1.5
1
0.5