

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 ( $3.7 \text{ fb}^{-1}$ )

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)

