

Events

 10^4 10^3 10^2

10

1

1.25

0.75

0.5

ATLAS

WorkInProgress

 $\sqrt{s} = 13.6 \text{ TeV}, 25.8 \text{ fb}^{-1}$ $H \rightarrow \gamma\gamma_d$ $1\mu\text{ CR}$

Post-Fit

● data

VBF_{dark}ZH_{dark}j \rightarrow γ j γ (direct)

Uncertainty

ggF

WH_{dark}W γ e \rightarrow γ Z γ

Data / Bkg.

 $m_T(\gamma, E_T^{\text{miss,lep-rm}}) [\text{GeV}]$

300

250

200

150

100