

95% CL $\sigma_{\text{ggF} + \text{VBF HH}}$ Limit [fb]

ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}, 126 \text{ fb}^{-1}$

Combined ggF and VBF Regions

— Observed Limit (95% CL)

- - - Expected Limit (95% CL)

Expected Limit $\pm 1\sigma$

Expected Limit $\pm 2\sigma$

— Theory Prediction

☆ SM Prediction

Observed: $\kappa_{2V} \in [0.04, 2.03]$

Expected: $\kappa_{2V} \in [0.01, 2.06]$

$\kappa_{2V} (\kappa_\lambda=1.0, \kappa_V=1.0)$

