

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

ATLAS Internal

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

ggF Region

— Observed Limit (95% CL)

- - - Expected Limit (95% CL)

Expected Limit $\pm 1\sigma$

Expected Limit $\pm 2\sigma$

— Theory Prediction

☆ SM Prediction

Observed: $c_H \in [-30.7, 15.2]$

Expected: $c_H \in [-22.9, 11.9]$

c_H ($c_{H\text{box}}=0.0, c_{tH}=0.0, c_{tG}=0.0, c_{HG}=0.0$)

