

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: $\kappa_\lambda \in [-4.4, 13.2]$ Expected: $\kappa_\lambda \in [-4.9, 11.9]$ $\kappa_\lambda (\kappa_{2V}=1.0, \kappa_V=1.0)$ 