

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

ATLAS Internal

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

VBF Region

— Observed Limit (95% CL)

- - - Expected Limit (95% CL)

Expected Limit $\pm 1\sigma$

Expected Limit $\pm 2\sigma$

— Theory Prediction

☆ SM Prediction

Observed: $\kappa_\lambda \in [-9.7, 13.0]$

Expected: $\kappa_\lambda \in [-12.0, 15.3]$

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

