

# **ATLAS and CMS** **LHC Run 2**

$\sqrt{s} = 13 \text{ TeV}$

$$\sigma_{\text{HH}}^{\text{ggF}} + \sigma_{\text{HH}}^{\text{VBF}} = 32.8 \text{ fb}$$

- Observed
- Expected ( $\mu_{\text{HH}}^{\text{Asimov}} = 0$ )
- Expected  $\pm 1\sigma$
- Expected  $\pm 2\sigma$
- \* Expected ( $\mu_{\text{HH}}^{\text{Asimov}} = 1$ )

Obs.                      Exp.                      Exp.  
                                 ( $\mu_{\text{HH}}^{\text{Asimov}} = 0$ )   ( $\mu_{\text{HH}}^{\text{Asimov}} = 1$ )

