

Extrapolation to HL-LHC

**ATLAS** Preliminary

$\sqrt{s} = 14 \text{ TeV}, 3000 \text{ fb}^{-1}$

$H \rightarrow \tau\tau, |y_H| < 2.5$

Total

Stat.

Syst.

ggF

$1.00^{+0.12}_{-0.11} (\pm 0.03, {}^{+0.12}_{-0.10})$

VBF

$1.00 \pm 0.08 (\pm 0.03, \pm 0.07)$

—●— Total

Stat

Syst

— SM

0.6 0.7 0.8 0.9 1 1.1 1.2 1.3 1.4 1.5 1.6

$(\sigma \times B) / (\sigma \times B)_{\text{SM}}$