

Extrapolation to HL-LHC

ATLAS Preliminary

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

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

Total

Stat.

Syst.

ggF

1.00 $^{+0.05}_{-0.04}$ (± 0.01 , ± 0.04)

VBF

1.00 $^{+0.10}_{-0.09}$ (± 0.03 , $^{+0.10}_{-0.08}$)

—●— 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

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