

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

■ Total
— Statistical
— Experimental
— Theory

ATLAS and CMS

HL-LHC Projection

Uncertainty [%]

Tot Stat Exp Th

$\sigma_{\text{VBF}}^{\gamma\gamma}$

7.9 3.5 5.0 5.0

$\sigma_{\text{VBF}}^{\text{ZZ}}$

9.5 7.4 2.9 5.2

$\sigma_{\text{VBF}}^{\text{WW}}$

5.5 3.3 1.8 4.0

$\sigma_{\text{VBF}}^{\tau\tau}$

3.9 3.2 1.4 1.8

$\sigma_{\text{VBF}}^{\mu\mu}$

30.7 27.8 8.2 10.2

$\sigma_{\text{VBF}}^{\text{Z}\gamma}$

51.2 44.0 7.7 25.0

0 0.1 0.2 0.3 0.4 0.5 0.6

Expected uncertainty