

	Loops	Interference	Effective scaling factor	Resolved scaling factor
Production				
$\sigma(\text{ggH})$	✓	b-t	κ_{g}^2	$1.04\kappa_{\text{t}}^2 + 0.002\kappa_{\text{b}}^2 - 0.038\kappa_{\text{t}}\kappa_{\text{b}}$
$\sigma(\text{VBF})$	—	—		$0.73\kappa_{\text{W}}^2 + 0.27\kappa_{\text{Z}}^2$
$\sigma(\text{WH})$	—	—		κ_{W}^2
$\sigma(\text{qq/qg} \rightarrow \text{ZH})$	—	—		κ_{Z}^2
$\sigma(\text{gg} \rightarrow \text{ZH})$	✓	Z-t		$2.46\kappa_{\text{Z}}^2 + 0.46\kappa_{\text{t}}^2 - 1.90\kappa_{\text{Z}}\kappa_{\text{t}}$
$\sigma(\text{ttH})$	—	—		κ_{t}^2
$\sigma(\text{gb} \rightarrow \text{tHW})$	—	W-t		$2.91\kappa_{\text{t}}^2 + 2.31\kappa_{\text{W}}^2 - 4.22\kappa_{\text{t}}\kappa_{\text{W}}$
$\sigma(\text{qb} \rightarrow \text{tHq})$	—	W-t		$2.63\kappa_{\text{t}}^2 + 3.58\kappa_{\text{W}}^2 - 5.21\kappa_{\text{t}}\kappa_{\text{W}}$
$\sigma(\text{bbH})$	—	—		κ_{b}^2
Partial decay width				
Γ^{ZZ}	—	—		κ_{Z}^2
Γ^{WW}	—	—		κ_{W}^2
$\Gamma^{\gamma\gamma}$	✓	W-t	κ_{γ}^2	$1.59\kappa_{\text{W}}^2 + 0.07\kappa_{\text{t}}^2 - 0.67\kappa_{\text{W}}\kappa_{\text{t}}$
$\Gamma^{\text{Z}\gamma}$	✓	W-t	$\kappa_{\text{Z}\gamma}^2$	$1.118\kappa_{\text{W}}^2 + 0.003\kappa_{\text{t}}^2 - 0.124\kappa_{\text{W}}\kappa_{\text{t}}$
$\Gamma^{\tau\tau}$	—	—		κ_{τ}^2
Γ^{bb}	—	—		κ_{b}^2
$\Gamma^{\mu\mu}$	—	—		κ_{μ}^2
Total width for $\mathcal{B}_{\text{BSM}} = 0$				
Γ_{H}	✓	—	κ_{H}^2	$0.58\kappa_{\text{b}}^2 + 0.22\kappa_{\text{W}}^2 + 0.08\kappa_{\text{g}}^2 +$ $+ 0.06\kappa_{\tau}^2 + 0.027\kappa_{\text{Z}}^2 + 0.029\kappa_{\text{c}}^2 +$ $+ 0.0023\kappa_{\gamma}^2 + 0.0016\kappa_{\text{Z}\gamma}^2 +$ $+ 0.00025\kappa_{\text{s}}^2 + 0.00022\kappa_{\mu}^2$