

$\sigma\mathcal{B}(\text{H} \rightarrow \tau\tau)$ (fb)

Process	Measured	SM Prediction
qqH non-VBF topology	374^{+552}_{-515}	$209^{+6.11}_{-6.11}$
qqH medium m_{jj}	$-18.9^{+45.8}_{-46.0}$	$34.4^{+0.909}_{-0.909}$
qqH high m_{jj}	$32.9^{+17.7}_{-17.3}$	$47.5^{+1.80}_{-1.80}$
qqH BSM	$6.41^{+4.40}_{-4.17}$	$9.90^{+0.339}_{-0.339}$
ggH > 1 jet	19.0^{+251}_{-271}	$306^{+70.3}_{-70.3}$
ggH $200 < p_T^{\text{H}} < 300$ GeV	$24.2^{+24.3}_{-24.5}$	$27.5^{+11.5}_{-11.5}$
ggH $p_T^{\text{H}} > 300$ GeV	$13.0^{+7.82}_{-7.90}$	$7.19^{+3.36}_{-3.36}$
ggH 0 jet	-964^{+864}_{-792}	1753^{+160}_{-160}
ggH 1 jet low p_T	-756^{+519}_{-510}	$451^{+63.2}_{-63.2}$
ggH 1 jet med p_T	1010^{+264}_{-261}	$288^{+40.9}_{-40.9}$
ggH 1 jet high p_T	$99.1^{+51.9}_{-47.1}$	$50.0^{+11.5}_{-11.5}$