

category	U.L. $\mathcal{B}(\text{H} \rightarrow \rho^0 \gamma)$		U.L. $\mathcal{B}(\text{H} \rightarrow \phi \gamma)$		U.L. $\mathcal{B}(\text{H} \rightarrow \text{K}^{*0} \gamma)$	
	Exp.( $10^{-4}$ )	Obs.( $10^{-4}$ )	Exp.( $10^{-4}$ )	Obs.( $10^{-4}$ )	Exp.( $10^{-4}$ )	Obs.( $10^{-4}$ )
VH	$62.3^{+25.6}_{-17.9}$	73.7	$37.3^{+16.9}_{-11.3}$	45.0	$25.3^{+11.4}_{-7.3}$	48.5
low- $p_{\text{T}}^{\gamma}$ VBF	$49.6^{+22.5}_{-15.0}$	35.6	$33.1^{+18.7}_{-11.5}$	27.9	$18.8^{+8.90}_{-5.7}$	12.3
high- $p_{\text{T}}^{\gamma}$ VBF	$22.9^{+10.5}_{-6.9}$	16.0	$16.0^{+9.0}_{-5.5}$	10.7	$9.13^{+4.25}_{-2.75}$	6.66
ggH	$6.01^{+2.53}_{-1.72}$	4.37	$3.08^{+1.33}_{-0.98}$	3.46	$2.20^{+0.94}_{-0.62}$	1.93
combined	$5.71^{+2.37}_{-1.63}$	3.74	$2.88^{+1.33}_{-0.83}$	2.97	$2.10^{+0.90}_{-0.58}$	1.71