

Parameters	SM prediction ($m_H = 125.38$ GeV)	Best-fit / SM pred.	Stat	Syst
ggH 0J $p_T^H < 10$	6.70 pb	$0.70^{+0.20}_{-0.17} (+0.27, -0.23)$	$+0.15 (+0.19, -0.14)$	$+0.14 (+0.19, -0.10)$
ggH 0J $p_T^H > 10 + \text{bbH}$	19.5 pb	$1.13^{+0.13}_{-0.12} (+0.12, -0.11)$	$+0.08 (+0.08, -0.08)$	$+0.10 (+0.09, -0.09)$
ggH 1J $p_T^H < 60$	7.14 pb	$1.15^{+0.31}_{-0.27} (+0.29, -0.26)$	$+0.20 (+0.21, -0.20)$	$+0.23 (+0.20, -0.18)$
ggH 1J $60 < p_T^H < 120$	4.95 pb	$1.16^{+0.32}_{-0.28} (+0.29, -0.26)$	$+0.21 (+0.21, -0.21)$	$+0.24 (+0.19, -0.19)$
ggH 1J $120 < p_T^H < 200$	0.88 pb	$1.42^{+0.48}_{-0.42} (+0.43, -0.38)$	$+0.32 (+0.33, -0.32)$	$+0.36 (+0.27, -0.26)$
ggH $\geq 2\text{J } 0 < m_{jj} < 350, p_T^H < 60$	1.24 pb	$2.17^{+1.12}_{-0.95} (+0.85, -0.74)$	$+0.78 (+0.69, -0.77)$	$+0.81 (+0.50, -0.55)$
ggH $\geq 2\text{J } 0 < m_{jj} < 350, 60 < p_T^H < 120$	2.00 pb	$1.65^{+0.65}_{-0.53} (+0.53, -0.44)$	$+0.41 (+0.40, -0.41)$	$+0.51 (+0.35, -0.33)$
ggH $\geq 2\text{J } 0 < m_{jj} < 350, 120 < p_T^H < 200$	0.93 pb	$0.99^{+0.51}_{-0.41} (+0.51, -0.42)$	$+0.35 (+0.38, -0.35)$	$+0.37 (+0.34, -0.23)$
ggH VBF-topo	0.98 pb	$1.50^{+0.97}_{-0.84} (+0.84, -0.74)$	$+0.74 (+0.69, -0.74)$	$+0.62 (+0.48, -0.39)$
ggH $200 < p_T^H < 300$	0.49 pb	$1.34^{+0.55}_{-0.43} (+0.48, -0.39)$	$+0.32 (+0.33, -0.32)$	$+0.44 (+0.34, -0.29)$
ggH $300 < p_T^H < 450$	0.12 pb	$0.93^{+0.65}_{-0.53} (+0.65, -0.54)$	$+0.49 (+0.51, -0.47)$	$+0.42 (+0.41, -0.25)$
ggH $450 < p_T^H < 650$	0.015 pb	$3.74^{+1.91}_{-1.47} (+1.38, -1.22)$	$+1.27 (+1.22, -1.24)$	$+1.44 (+0.65, -0.78)$
ggH $p_T^H > 650$	0.0022 pb	$2.88^{+3.07}_{-2.58} (+2.43, -2.08)$	$+2.40 (+2.18, -2.31)$	$+1.90 (+1.08, -1.15)$
qqH other	2.78 pb	$-0.89^{+1.57}_{-1.45} (+1.34, -1.30)$	$+1.20 (+1.21, -1.08)$	$+1.01 (+0.59, -0.96)$
qqH $350 < m_{jj} < 700$	0.57 pb	$1.26^{+0.80}_{-0.77} (+0.74, -0.71)$	$+0.69 (+0.67, -0.67)$	$+0.39 (+0.31, -0.37)$
qqH $m_{jj} > 700$	0.74 pb	$0.94^{+0.25}_{-0.25} (+0.24, -0.23)$	$+0.22 (+0.22, -0.22)$	$+0.12 (+0.10, -0.11)$
qqH $60 < m_{jj} < 120$ (VH-topo)	0.54 pb	$0.55^{+0.71}_{-0.75} (+0.71, -0.68)$	$+0.67 (+0.67, -0.70)$	$+0.24 (+0.23, -0.27)$
qqH $p_T^H > 200$	0.16 pb	$0.67^{+0.26}_{-0.25} (+0.27, -0.26)$	$+0.24 (+0.25, -0.23)$	$+0.10 (+0.11, -0.10)$
WH lep $p_T^V < 75$	0.41 pb	$1.94^{+1.03}_{-0.89} (+0.85, -0.74)$	$+0.90 (+0.78, -0.81)$	$+0.48 (+0.34, -0.36)$
WH lep $75 < p_T^V < 150$	0.26 pb	$1.07^{+0.94}_{-0.88} (+0.90, -0.76)$	$+0.88 (+0.85, -0.84)$	$+0.33 (+0.29, -0.27)$
WH lep $150 < p_T^V < 250$	0.040 pb	$0.84^{+0.58}_{-0.56} (+0.53, -0.51)$	$+0.43 (+0.40, -0.42)$	$+0.39 (+0.35, -0.37)$
WH lep $p_T^V > 250$	0.026 pb	$1.97^{+0.50}_{-0.46} (+0.42, -0.40)$	$+0.36 (+0.32, -0.35)$	$+0.34 (+0.27, -0.31)$
ZH lep $p_T^V < 150$	0.20 pb	$2.03^{+0.46}_{-0.43} (+0.40, -0.37)$	$+0.36 (+0.33, -0.35)$	$+0.28 (+0.23, -0.24)$
ZH lep $150 < p_T^V < 250, 0\text{J}$	0.015 pb	$0.47^{+0.49}_{-0.45} (+0.54, -0.50)$	$+0.37 (+0.41, -0.36)$	$+0.31 (+0.35, -0.27)$
ZH lep $150 < p_T^V < 250, \geq 1\text{J}$	0.017 pb	$0.21^{+0.98}_{-0.96} (+0.90, -0.80)$	$+0.79 (+0.68, -0.76)$	$+0.59 (+0.59, -0.59)$
ZH lep $p_T^V > 250$	0.0099 pb	$1.81^{+0.47}_{-0.43} (+0.34, -0.31)$	$+0.33 (+0.26, -0.32)$	$+0.33 (+0.21, -0.29)$
ttH $p_T^H < 60$	0.23 pb	$0.55^{+0.81}_{-0.60} (+1.02, -0.71)$	$+0.62 (+0.71, -0.56)$	$+0.52 (+0.72, -0.22)$
ttH $60 < p_T^H < 120$	0.35 pb	$1.12^{+0.52}_{-0.44} (+0.50, -0.42)$	$+0.43 (+0.42, -0.41)$	$+0.29 (+0.28, -0.17)$
ttH $120 < p_T^H < 200$	0.26 pb	$0.92^{+0.47}_{-0.40} (+0.46, -0.39)$	$+0.39 (+0.37, -0.37)$	$+0.27 (+0.28, -0.17)$
ttH $200 < p_T^H < 300$	0.11 pb	$0.81^{+0.56}_{-0.49} (+0.54, -0.45)$	$+0.45 (+0.42, -0.44)$	$+0.32 (+0.34, -0.22)$
ttH $p_T^H > 300$	0.054 pb	$-0.20^{+0.71}_{-0.72} (+0.72, -0.62)$	$+0.61 (+0.57, -0.57)$	$+0.37 (+0.44, -0.43)$
tH	0.090 pb	$7.21^{+2.70}_{-2.50} (+2.34, -2.19)$	$+2.02 (+1.89, -1.98)$	$+1.78 (+1.37, -1.53)$