

STXS bin	Definition units of p_T^H in GeV	Fraction of cross section			$\sigma_{\text{SM}}\mathcal{B}$ (fb)
		t \bar{t} H	tHq	tHW	
t \bar{t} H forward		1.35%	—	—	0.016
tH forward	$ y_H > 2.5$	—	2.79%	1.06%	0.005
t \bar{t} H $p_T^H < 60$	No jet requirements, $p_T^H < 60$	22.42%	—	—	0.259
t \bar{t} H $60 < p_T^H < 120$	No jet requirements, $60 < p_T^H < 120$	34.61%	—	—	0.400
t \bar{t} H $120 < p_T^H < 200$	No jet requirements, $120 < p_T^H < 200$	25.60%	—	—	0.296
t \bar{t} H $200 < p_T^H < 300$	No jet requirements, $200 < p_T^H < 300$	10.72%	—	—	0.124
t \bar{t} H $p_T^H > 300$	No jet requirements, $p_T^H > 300$	5.31%	—	—	0.061
tH	No additional requirements	—	97.21%	98.94%	0.204