

Mass (GeV)	$pp \rightarrow Tbq, T \rightarrow t H$ (LH)			$pp \rightarrow Ttq, T \rightarrow t H$ (LH)		
	Preselection	H tag	t tag	Preselection	H tag	t tag
1000	15.7	3.14	0.25	51.5	9.13	0.75
1100	24.9	5.74	0.76	61.1	11.4	1.07
1200	36.4	8.67	1.12	69.1	12.8	1.30
1300	44.6	10.6	1.37	74.8	13.8	1.43
1400	52.0	11.8	1.63	79.4	14.9	1.58
1500	57.1	12.6	1.66	82.1	15.1	1.61
1700	63.3	12.9	1.53	86.3	15.8	1.71
1800	65.6	13.2	1.35	87.9	15.5	1.52