

		No b-tag				b-tag			
Process		Loose- $m_T$		Tight- $m_T$		Loose- $m_T$		Tight- $m_T$	
$\phi \rightarrow \tau\tau$ (signal)	125 GeV	54 $\pm$	3	175 $\pm$	10	8 $\pm$ 0.5		24 $\pm$ 1.5	
	350 GeV	165 $\pm$	10	754 $\pm$	48	50 $\pm$ 3		167 $\pm$ 11	
	700 GeV	194 $\pm$	14	1000 $\pm$	74	66 $\pm$ 5		240 $\pm$ 18	
	1500 GeV	177 $\pm$	10	990 $\pm$	56	58 $\pm$ 5		252 $\pm$ 27	
H $\rightarrow \tau\tau$ (SM)	gg $\rightarrow$ H	88 $\pm$	7	290 $\pm$	20	2.6 $\pm$	0.2	7.8 $\pm$	0.6
	VBF	9 $\pm$	0.6	31 $\pm$	2	0.4 $\pm$	0.03	1.4 $\pm$	0.1
$Z \rightarrow \tau\tau$		8290 $\pm$	630	28210 $\pm$	2120	197 $\pm$ 17		650 $\pm$ 54	
$Z \rightarrow \ell\ell$		3420 $\pm$	400	6430 $\pm$	750	58 $\pm$ 8		80 $\pm$ 10	
Diboson+single t		500 $\pm$	40	480 $\pm$	40	200 $\pm$ 16		188 $\pm$ 15	
$t\bar{t}$		680 $\pm$	45	630 $\pm$	40	2030 $\pm$ 120		1910 $\pm$ 110	
Jet $\rightarrow \tau_h$		16200 $\pm$	1430	14460 $\pm$	1670	1040 $\pm$ 100		950 $\pm$ 110	
Data		29108 $\pm$	170	49120 $\pm$	220	3657 $\pm$ 60		3886 $\pm$ 60	