

	$\tau_{\text{lep}}\tau_{\text{lep}}$ VBF		$\tau_{\text{lep}}\tau_{\text{lep}}$ boosted	
	Loose	Tight	Low- $p_{\text{T}}^{\tau\tau}$	High- $p_{\text{T}}^{\tau\tau}$
$Z \rightarrow \tau\tau$	151 \pm 13	107 \pm 12	2977 \pm 90	2687 \pm 64
$Z \rightarrow \ell\ell$	15.1 \pm 4.9	20.3 \pm 6.6	360 \pm 54	236 \pm 31
Top	33.0 \pm 6.4	25.1 \pm 4.5	321 \pm 50	189 \pm 29
VV	11.8 \pm 2.2	10.7 \pm 1.5	194.1 \pm 8.5	195.3 \pm 8.8
Misidentified τ	18.3 \pm 9.6	9.6 \pm 4.8	209 \pm 92	80 \pm 35
$ggF, H \rightarrow WW^*$	1.2 \pm 0.2	1.4 \pm 0.3	11.8 \pm 2.6	16.4 \pm 1.7
VBF, $H \rightarrow WW^*$	1.7 \pm 0.2	4.1 \pm 0.5	2.9 \pm 0.3	2.9 \pm 0.3
$ggF, H \rightarrow \tau\tau$	2.6 \pm 0.9	1.8 \pm 0.9	34.4 \pm 9.2	33.8 \pm 9.5
VBF, $H \rightarrow \tau\tau$	5.3 \pm 1.5	11.3 \pm 3.0	7.7 \pm 2.1	8.2 \pm 2.3
$WH, H \rightarrow \tau\tau$	< 0.1	< 0.1	2.5 \pm 0.7	3.1 \pm 0.9
$ZH, H \rightarrow \tau\tau$	< 0.1	< 0.1	1.3 \pm 0.4	1.6 \pm 0.4
$t\bar{t}H, H \rightarrow \tau\tau$	< 0.1	0.1 \pm 0.1	1.5 \pm 0.5	1.2 \pm 0.4
Total background	232 \pm 13	178 \pm 12	4075 \pm 61	3408 \pm 54
Total signal	8.0 \pm 2.2	13.2 \pm 3.5	47 \pm 12	48 \pm 12
Data	237	188	4124	3444