

	$\tau_{\text{lep}}\tau_{\text{had}}$ VBF		$\tau_{\text{lep}}\tau_{\text{had}}$ boosted					
	Loose		Tight		Low- $p_{\text{T}}^{\tau\tau}$		High- $p_{\text{T}}^{\tau\tau}$	
$Z \rightarrow \tau\tau$	178	± 18	323	± 21	4187	± 92	5347	± 82
$Z \rightarrow \ell\ell$	10.0	± 3.0	12.7	± 3.1	130	± 37	115	± 16
Top	5.8	± 1.6	17.9	± 4.6	121	± 20	57	± 10
Misidentified τ	103	± 16	101	± 15	1895	± 80	605	± 29
Other backgrounds	4.0	± 1.6	9.3	± 1.9	115.0	± 7.8	129.0	± 8.8
$gg\text{F}, H \rightarrow \tau\tau$	3.8	± 1.1	7.1	± 1.9	62	± 16	66	± 22
VBF, $H \rightarrow \tau\tau$	7.6	± 2.2	24.7	± 6.8	11.9	± 3.4	14.0	± 4.0
$WH, H \rightarrow \tau\tau$	< 0.1		0.1	± 0.0	3.9	± 1.1	5.4	± 1.4
$ZH, H \rightarrow \tau\tau$	< 0.1		< 0.1		1.8	± 0.5	2.8	± 0.7
$t\bar{t}H, H \rightarrow \tau\tau$	< 0.1		< 0.1		0.1	± 0.0	0.2	± 0.1
Total background	301	± 17	463	± 21	6448	± 81	6253	± 80
Total signal	11.5	± 3.2	32.0	± 8.2	80	± 20	89	± 26
Data	318		496		6556		6347	