

Process	$e\mu$	$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
$Z \rightarrow \tau\tau$	5.8 ± 2.2	21.2 ± 3.3	34.6 ± 4.9	89.1 ± 6.9
$Z \rightarrow ee/\mu\mu$	0.0 ± 0.0	2.9 ± 0.2	3.7 ± 0.2	5.0 ± 0.2
$t\bar{t}$ +jets	1.9 ± 0.1	10.4 ± 0.3	22.2 ± 1.8	13.9 ± 0.5
W + jets	0.8 ± 0.02	4.0 ± 0.3	6.6 ± 1.3	7.6 ± 0.8
QCD multijet	2.1 ± 0.3	3.3 ± 2.5	5.0 ± 1.3	35.5 ± 2.1
Other backgrounds	1.4 ± 0.1	5.2 ± 0.2	6.1 ± 0.2	7.3 ± 0.2
$ggH, H \rightarrow \tau\tau$	0.6 ± 0.1	5.0 ± 0.6	6.0 ± 0.6	27.4 ± 2.1
VBF $H \rightarrow \tau\tau$	2.8 ± 0.3	5.1 ± 0.5	12.55 ± 1.0	17.5 ± 1.0
VH, $H \rightarrow \tau\tau$	0.0 ± 0.0	0.3 ± 0.0	0.2 ± 0.0	1.3 ± 0.1
Total backgrounds	12.1 ± 2.2	46.5 ± 4.1	77.7 ± 5.5	156.2 ± 7.3
Total signal	3.4 ± 0.4	10.9 ± 0.8	19.2 ± 1.4	48.3 ± 2.6
Observed	11	54	91	207