

Process	$\tau_e \tau_h$	$\tau_\mu \tau_h$	$\tau_h \tau_h$
$Z/\gamma^* \rightarrow \tau\tau$	7160 ± 130	20020 ± 220	415 ± 32
Jets misidentified as τ_h	5690 ± 160	10550 ± 220	770 ± 49
$t\bar{t}$	354 ± 26	639 ± 47	17 ± 2
$Z/\gamma^* \rightarrow ee, \mu\mu$ (e or μ misidentified as τ_h)	718 ± 96	840 ± 130	—
Electroweak	93 ± 13	183 ± 28	40 ± 6
SM H	49 ± 11	103 ± 23	13 ± 3
Total expected background	6900 ± 130	12310 ± 180	841 ± 46
Total SM expectation	14060 ± 120	32340 ± 180	1255 ± 40
Observed data	14063	32350	1255

Process	$\tau_e \tau_\mu$	$\tau_\mu \tau_\mu$
$Z/\gamma^* \rightarrow \tau\tau$	13600 ± 220	2067 ± 34
Multijet	4620 ± 240	710 ± 110
$Z/\gamma^* \rightarrow ee, \mu\mu$	—	8010 ± 170
$t\bar{t}$	3500 ± 140	1239 ± 79
Electroweak	1146 ± 98	293 ± 30
SM H	57 ± 12	18 ± 4
Total expected background	9300 ± 210	10270 ± 120
Total SM expectation	22930 ± 130	12340 ± 120
Observed data	22930	12327