

Subchannel	$e\tau_h$	$\mu\tau_h$	$e\mu$	$\mu\mu$
$Z \rightarrow \tau\tau$	$53 \pm 5$	$100 \pm 9$	$56 \pm 12$	$5.3 \pm 0.4$
QCD	$35 \pm 7$	$41 \pm 9$	$7.4 \pm 1.4$	—
$W$ +jets	$46 \pm 10$	$72 \pm 15$	—	—
$Z$ +jets	$13 \pm 2$	$2.5 \pm 0.6$	—	—
$Z \rightarrow \mu\mu$	—	—	—	$70 \pm 8$
$t\bar{t}$	$7.0 \pm 1.7$	$14 \pm 3$	$24 \pm 2$	$6.7 \pm 1.5$
Dibosons	$1.2 \pm 0.9$	$2.9 \pm 2.1$	$11 \pm 2$	$2.4 \pm 0.9$
All backgrounds	$156 \pm 13$	$233 \pm 20$	$99 \pm 13$	$85 \pm 9$
Signal ( $m_H = 125$ GeV)	$4.3 \pm 0.6$	$7.7 \pm 1.1$	$3.5 \pm 0.4$	$0.8 \pm 0.1$
Data	142	263	110	83