

Process	$e\mu$	$\mu\mu$	$lll$
tH( $\tau\tau$ )W ( $C_t = -1$ )	$0.13 \pm 0.14$	$0.10 \pm 0.12$	$0.12 \pm 0.12$
tH(WW)W ( $C_t = -1$ )	$0.47 \pm 0.48$	$0.28 \pm 0.29$	$0.35 \pm 0.35$
tH( $\tau\tau$ )q ( $C_t = -1$ )	$0.90 \pm 0.91$	$0.59 \pm 0.61$	$0.56 \pm 0.58$
tH(WW)q ( $C_t = -1$ )	$3.73 \pm 3.84$	$2.55 \pm 2.62$	$1.73 \pm 1.80$
Total signal ( $C_t = -1$ )	$5.22 \pm 3.98$	$3.53 \pm 2.71$	$2.76 \pm 1.93$
$W^\pm W^\pm qq$	$6.03 \pm 0.85$	$4.60 \pm 0.68$	—
WZ, WW, ZZ	$8.83 \pm 3.25$	$5.47 \pm 2.10$	$1.19 \pm 0.14$
Rare SM bkg.	$2.57 \pm 1.23$	$1.40 \pm 0.68$	$0.11 \pm 0.03$
$t\bar{t}\gamma^*$	$1.04 \pm 0.42$	$0.50 \pm 0.20$	—
$t\bar{t}\gamma$	$2.02 \pm 0.60$	$0.09 \pm 0.03$	—
$t\bar{t}Z$	$2.87 \pm 0.50$	$2.23 \pm 0.41$	$2.21 \pm 0.36$
$t\bar{t}W^\pm$	$14.85 \pm 3.32$	$10.18 \pm 2.24$	$3.03 \pm 0.51$
$t\bar{t}H$	$3.24 \pm 0.47$	$2.26 \pm 0.34$	$1.52 \pm 0.18$
Charge misid	$6.96 \pm 1.76$	—	—
Nonprompt	$63.7 \pm 12.5$	$33.3 \pm 8.3$	$31.4 \pm 6.5$
Total background	$112.1 \pm 13.5$	$60.1 \pm 9.0$	$39.5 \pm 6.6$
Data	117	66	42