

Sample	ee	$\mu\mu$	$e\mu$	Total
Single top quark (tW, 2 leptons)	$298.0 \pm 1.6$	$425.9 \pm 1.9$	$1161.9 \pm 3.1$	$1885.8 \pm 4.0$
Single top quark (other)	$2.6 \pm 0.6$	$4.6 \pm 0.9$	$18.8 \pm 1.6$	$26.1 \pm 1.9$
$t\bar{t} \rightarrow \ell + \text{jets}$	$107.1 \pm 7.7$	$62.2 \pm 5.4$	$327 \pm 13$	$497 \pm 16$
W + jets	$7.3 \pm 3.6$	$1.8 \pm 1.8$	$10.0 \pm 3.5$	$19.1 \pm 5.3$
$Z/\gamma^*(\rightarrow ee/\mu\mu) + \text{jets}$	$211 \pm 16$	$368 \pm 23$	$1.6 \pm 0.5$	$581 \pm 28$
$Z/\gamma^*(\rightarrow \tau\tau) + \text{jets}$	$33.9 \pm 2.5$	$51.5 \pm 3.0$	$137.6 \pm 5.1$	$223.0 \pm 6.4$
WW/WZ/ZZ	$27.6 \pm 1.4$	$40.7 \pm 1.4$	$89.3 \pm 2.3$	$157.5 \pm 3.0$
Triboson	$1.5 \pm 0.1$	$2.3 \pm 0.2$	$5.2 \pm 0.3$	$9.0 \pm 0.4$
$t\bar{t}W/t\bar{t}Z/t\bar{t}\gamma$	$86.4 \pm 6.5$	$141.3 \pm 8.2$	$332 \pm 13$	$559 \pm 17$
Total background	$775 \pm 20$	$1098 \pm 25$	$2083 \pm 20$	$3957 \pm 38$
Data	7089	10074	26735	43898
Signal yield (data – background)	$6314 \pm 86$	$8980 \pm 100$	$24650 \pm 160$	$39940 \pm 210$