

Process	Number of events	
	$\mu/\mu\mu/\mu e + \text{jets channel}$	$e/ee/e\mu + \text{jets channel}$
$t\bar{t} \rightarrow b\bar{l}^{-}\bar{\nu}bqq'$	228.1 ± 4.0	195.6 ± 3.7
$t\bar{t} \rightarrow b\bar{l}^{-}\bar{\nu}b\bar{l}^{+}\nu$	66.3 ± 1.7	56.9 ± 1.6
$t\bar{t} \rightarrow b\bar{q}q'\bar{b}qq'$	0.0 ± 0.0	0.0 ± 0.0
single top	39.4 ± 3.8	30.6 ± 3.3
$t\bar{t} W/t\bar{t} WW/t\bar{t} Z$	0.5 ± 0.1	0.4 ± 0.1
$Z/\gamma^* \rightarrow l^+l^- + \text{jets}$	4.5 ± 0.9	6.3 ± 1.0
$W^\pm \rightarrow l^\pm\nu + \text{jets}$	18.3 ± 3.2	12.1 ± 2.7
$WW/WZ/ZZ$	1.1 ± 0.3	1.2 ± 0.3
Total from simulations	358.2 ± 6.6	303.1 ± 5.9
Data	355	311