

Process	Preselection region	Signal region	$t\bar{t}$ control region	W + jets control region
t -channel	$219\,000 \pm 11\,000$	$70\,600 \pm 3500$	$13\,480 \pm 680$	$148\,200 \pm 7400$
$t\bar{t}$, tW , s -channel	$736\,000 \pm 39\,000$	$43\,200 \pm 2400$	$147\,800 \pm 8400$	$693\,000 \pm 37\,000$
W + jets	$590\,000 \pm 200\,000$	$26\,200 \pm 8900$	$16\,100 \pm 5500$	$560\,000 \pm 190\,000$
Z + jets, diboson	$52\,900 \pm 5100$	2120 ± 350	2620 ± 360	$50\,800 \pm 4900$
Others	494 ± 38	30 ± 4	79 ± 6	464 ± 36
Multijet	$52\,000 \pm 10\,000$	3500 ± 640	5500 ± 1800	$48\,500 \pm 9400$
Total expected	$1\,650\,000 \pm 210\,000$	$145\,600 \pm 9900$	$186\,000 \pm 10\,000$	$1\,510\,000 \pm 200\,000$
Data	1 750 918	154 361	188 326	1 596 557
S/B	0.15 ± 0.02	0.94 ± 0.13	0.08 ± 0.01	0.11 ± 0.02
Data/Prediction	1.06 ± 0.13	1.06 ± 0.07	1.02 ± 0.06	1.06 ± 0.14