

	$\sqrt{s} = 7 \text{ TeV}$		$\sqrt{s} = 8 \text{ TeV}$	
Process	Basic selection	Multijet BNN > 0.7	Basic selection	Multijet BNN > 0.7
t channel	$5\,580^{+220}_{-160}$	$4\,560^{+180}_{-130}$	$21\,900^{+980}_{-840}$	$14\,800^{+660}_{-560}$
s channel	373^{+16}_{-14}	301^{+13}_{-12}	$1\,307 \pm 47$	865 ± 31
tW	$2\,080 \pm 160$	$1\,760 \pm 130$	$9\,220 \pm 620$	$6\,620 \pm 450$
$t\bar{t}$	$20\,450^{+770}_{-900}$	$17\,360^{+660}_{-770}$	$101\,100^{+5100}_{-6100}$	$72\,200^{+3\,600}_{-4\,300}$
W +jets	$16\,100 \pm 800$	$12\,700 \pm 630$	$36\,100^{+1200}_{-1200}$	$23\,700 \pm 800$
Dibosons	380 ± 10	300 ± 8	780 ± 20	537 ± 14
Drell–Yan	$1\,520 \pm 80$	660 ± 40	$5\,960 \pm 320$	$2\,060 \pm 110$
Multijets	$7\,340^{+3\,700}_{-3\,400}$	740^{+380}_{-350}	$30\,200^{+6\,000}_{-6\,300}$	$2\,630^{+520}_{-550}$
Total	$53\,800^{+3\,900}_{-3\,700}$	$38\,380^{+1\,000}_{-1\,100}$	$206\,650^{+8\,100}_{-8\,900}$	$123\,400^{+3\,800}_{-4\,500}$
Data	56 145	40 681	222 242	135 071