

Process	σ [pb] at 7 TeV	σ [pb] at 8 TeV
Single top quark (t channel)	43.0	56.4
Single antitop quark (t channel)	22.9	30.7
Single top or antitop quark (tW)	7.8	11.1
$t\bar{t}$	172.0	245.8
$W(\rightarrow l\nu)+1$ jet	4500	5400
$W(\rightarrow l\nu)+2$ jets	1400	1800
$W(\rightarrow l\nu)+3$ jets	300	520
$W(\rightarrow l\nu)+4$ jets	170	210
$Z/\gamma^*(\rightarrow l^+l^-)+$ jets	3000	3500
WW	43	57
WZ	18	32
ZZ	5.9	8.3
μ -enriched multijet events	85 000	—