

Channel	W <sub>q</sub> W <sub>q</sub>		W <sub>q</sub> Z <sub>q</sub>		W <sub>q</sub> H <sub>q</sub>	
	$\mu$ +jets	e+jets	$\mu$ +jets	e+jets	$\mu$ +jets	e+jets
Background process						
$t\bar{t}$ +jets	$257 \pm 5$	$269 \pm 5$	$295 \pm 6$	$304 \pm 7$	$224 \pm 6$	$241 \pm 6$
$W + \geq 3$ jets	$396 \pm 13$	$462 \pm 14$	$426 \pm 12$	$497 \pm 14$	$42 \pm 4$	$42 \pm 4$
Single top quark	$13 \pm 2$	$25 \pm 3$	$13 \pm 2$	$30 \pm 4$	$11 \pm 2$	$17 \pm 3$
$Z/\gamma^* + \geq 3$ jets	$27 \pm 2$	$27 \pm 2$	$30 \pm 2$	$30 \pm 2$	$2.8 \pm 0.5$	$2.9 \pm 0.5$
WW, WZ, ZZ	$10 \pm 1$	$<1$	$10 \pm 1$	$<1$	$1.7 \pm 0.6$	$<1$
Multijet	$<1$	$59 \pm 4$	$<1$	$59 \pm 4$	$<1$	$11 \pm 2$
Total background	$703 \pm 14$	$842 \pm 16$	$773 \pm 14$	$920 \pm 17$	$282 \pm 7$	$314 \pm 8$
Observed	741	896	793	943	292	313
Signal ( $m_Q = 600$ GeV)	112	117	63	64	36	35
Signal ( $m_Q = 800$ GeV)	20	20	11	11	6.5	5.7
Signal ( $m_Q = 1000$ GeV)	3.3	3.3	1.8	2.0	1.1	0.8