

	$N_{\text{bjets}}$	$M_{\text{CT}} < 250$	$M_{\text{CT}} \in [250, 350]$	$M_{\text{CT}} \in [350, 450]$	$M_{\text{CT}} > 450$	ISR
Z( $\nu\bar{\nu}$ ) + jets	1	$818 \pm 12$	$367.0 \pm 7.8$	$59.0 \pm 2.8$	$16.0 \pm 1.5$	$161.0 \pm 2.6$
W( $\ell\nu$ ) + jets	1	$398.0 \pm 8.4$	$149.0 \pm 4.9$	$17.0 \pm 1.5$	$6.0 \pm 0.9$	$90.0 \pm 3.4$
$t\bar{t}$	1	$221.0 \pm 2.5$	$176.0 \pm 2.2$	$17.0 \pm 0.7$	$2.2 \pm 0.2$	$71.0 \pm 1.4$
Single top quark	1	$33.0 \pm 3.7$	$13.0 \pm 2.3$	$0.3 \pm 0.3$	$< 0.5$	$24.0 \pm 4.4$
VV	1	$18.0 \pm 0.7$	$17.0 \pm 0.6$	$0.9 \pm 0.1$	$0.3 \pm 0.1$	$4.8 \pm 0.4$
ttZ	1	$0.8 \pm 0.1$	$0.5 \pm 0.1$	$0.2 \pm 0.1$	$< 0.04$	$0.6 \pm 0.1$
Multijets	1	$12.0 \pm 8.2$	$6.0 \pm 6.0$	$< 0.5$	$< 0.5$	$0.3 \pm 0.4$
Total	1	$1500 \pm 17$	$729 \pm 11$	$94.0 \pm 3.2$	$25.0 \pm 1.6$	$352.0 \pm 6.2$
Signal (275,250)	1	$11.0 \pm 0.8$	$10.0 \pm 0.7$	$1.3 \pm 0.2$	$0.0 \pm 0.0$	$54.0 \pm 1.9$
Signal (750,50)	1	$0.6 \pm 0.1$	$1.1 \pm 0.1$	$1.7 \pm 0.2$	$2.7 \pm 0.2$	$3.1 \pm 0.3$
Z( $\nu\bar{\nu}$ ) + jets	2	$58.0 \pm 3.2$	$28.1 \pm 2.1$	$4.8 \pm 0.8$	$1.1 \pm 0.3$	$7.7 \pm 0.5$
W( $\ell\nu$ ) + jets	2	$13.0 \pm 1.4$	$4.7 \pm 1.0$	$1.0 \pm 0.3$	$< 0.2$	$2.7 \pm 0.6$
$t\bar{t}$	2	$12.1 \pm 0.6$	$11.0 \pm 0.5$	$1.8 \pm 0.2$	$0.3 \pm 0.1$	$15 \pm 0.6$
Single top quark	2	$1.3 \pm 0.7$	$2.2 \pm 1.1$	$< 0.5$	$< 0.5$	$0.7 \pm 0.5$
VV	2	$1.5 \pm 0.1$	$3.2 \pm 0.2$	$0.1 \pm 0.0$	$< 0.1$	$0.2 \pm 0.1$
ttZ	2	$0.3 \pm 0.1$	$0.2 \pm 0.1$	$< 0.1$	$< 0.1$	$0.2 \pm 0.1$
Multijets	2	$< 0.5$	$< 0.5$	$< 0.5$	$< 0.5$	$< 0.5$
Total	2	$86.0 \pm 3.6$	$49.0 \pm 2.5$	$7.7 \pm 0.8$	$1.4 \pm 0.4$	$27.0 \pm 1.1$
Signal (275,250)	2	$1.5 \pm 0.2$	$1.4 \pm 0.2$	$0.0 \pm 0.0$	$0.0 \pm 0.0$	$4.6 \pm 0.6$
Signal (750,50)	2	$0.7 \pm 0.1$	$1.1 \pm 0.2$	$1.5 \pm 0.2$	$3.6 \pm 0.3$	$0.5 \pm 0.1$