

	Search region yield				
	T2bW_LX	T2bW_LM	T2bW_MXHM	T2bW_HXHM	T2bW_VHM
$t\bar{t}$ , $W$ +jets, and single top	$6.88 \pm 2.18$	$31.3 \pm 4.1$	$3.89 \pm 1.19$	$12.7 \pm 3.0$	$2.31 \pm 0.85$
$Z$ +jets	$1.88 \pm 0.93$	$4.57 \pm 1.67$	$1.66 \pm 0.72$	$1.77 \pm 0.73$	$1.24 \pm 0.54$
$t\bar{t}Z$	$0.59 \pm 0.30$	$2.46 \pm 1.11$	$0.83 \pm 0.39$	$1.72 \pm 0.79$	$0.62 \pm 0.26$
QCD multijet	$0.71 \pm 0.35$	$0.36 \pm 0.19$	$0.10 \pm 0.12$	$0.01 \pm 0.01$	$0.01 \pm 0.01$
All SM backgrounds	$10.1 \pm 2.4$	$38.7 \pm 4.6$	$6.5 \pm 1.4$	$16.2 \pm 3.2$	$4.2 \pm 1.0$
Observed data	12	47	6	14	4
T2bW (500, 175; 0.25)	$13.8 \pm 1.1$	$3.49 \pm 0.58$	$6.70 \pm 0.76$	$3.12 \pm 0.54$	$1.36 \pm 0.33$
T2bW (600, 0; 0.75)	$4.66 \pm 0.13$	$7.21 \pm 0.16$	$8.79 \pm 0.18$	$8.77 \pm 0.18$	$8.99 \pm 0.18$