

Event category	1b	2b	Boosted t	Boosted H	Boosted V
DY+jets	$280.6 \pm 20.2$	$38.1 \pm 4.6$	$19.8 \pm 3.2$	$5.0 \pm 1.6$	$71.5 \pm 7.6$
$t\bar{t}$ +jets	$45.1 \pm 5.6$	$20.0 \pm 3.4$	$3.9 \pm 1.3$	$0.6 \pm 0.8$	$10.8 \pm 2.9$
$t\bar{t}Z$	$9.0 \pm 0.9$	$5.3 \pm 0.6$	$5.4 \pm 0.6$	$0.4 \pm 0.4$	$8.0 \pm 0.8$
Other backgrounds	$6.1 \pm 4.2$	$1.2 \pm 0.6$	$0.9 \pm 0.5$	$0.1 \pm 0.4$	$4.5 \pm 3.1$
Total	$340.7 \pm 22.3$	$64.5 \pm 6.4$	$30.0 \pm 3.7$	$6.1 \pm 1.8$	$94.7 \pm 9.1$
Data	374	70	27	8	92
bZbZ, $m_B=800$ GeV	$56.7 \pm 2.1$	$38.8 \pm 1.8$	$8.7 \pm 0.9$	$2.3 \pm 0.4$	$73.3 \pm 2.6$
bZbH, $m_B=800$ GeV	$27.9 \pm 0.8$	$27.5 \pm 0.8$	$6.8 \pm 0.4$	$6.7 \pm 0.4$	$30.2 \pm 0.8$
bZtW, $m_B=800$ GeV	$26.3 \pm 0.7$	$16.2 \pm 0.6$	$9.4 \pm 0.5$	$1.2 \pm 0.2$	$38.6 \pm 0.9$
bZbZ, $m_B=1200$ GeV	$3.3 \pm 0.1$	$1.9 \pm 0.1$	$0.7 \pm 0.1$	$0.1 \pm 0.1$	$4.8 \pm 0.2$
bZbH, $m_B=1200$ GeV	$1.7 \pm 0.1$	$1.3 \pm 0.1$	$0.5 \pm 0.1$	$0.5 \pm 0.1$	$2.0 \pm 0.1$
bZtW, $m_B=1200$ GeV	$1.5 \pm 0.1$	$0.8 \pm 0.1$	$0.8 \pm 0.1$	$0.1 \pm 0.1$	$2.4 \pm 0.1$