

BDT boundary values	SingleB				DoubleB		
	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Cat. 5	Cat. 6	Cat. 7
	0.28 – 0.72	0.72 – 0.87	0.87 – 0.93	0.93 – 1.0	0.36 – 0.76	0.76 – 0.89	0.89 – 1.0
Data	25298	5834	1281	302	69963	9831	1462
Z +jets	$49 \pm 4$	$12.5 \pm 2.0$	$4.1 \pm 1.1$	$1.7 \pm 0.7$	$448 \pm 11$	$50 \pm 4$	$8.4 \pm 1.7$
W +jets	$25.8 \pm 3.5$	$1.6 \pm 0.9$	$0.1 \pm 0.1$	$<0.1$	$74 \pm 6$	$4.6 \pm 1.3$	$0.9 \pm 0.6$
t $\bar{t}$	$53 \pm 1$	$5.1 \pm 0.2$	$0.7 \pm 0.1$	$0.2 \pm 0.04$	$534 \pm 2$	$22.6 \pm 0.4$	$1.1 \pm 0.1$
Single t	$52 \pm 1$	$9.7 \pm 0.5$	$1.8 \pm 0.2$	$0.4 \pm 0.1$	$221 \pm 3$	$23.2 \pm 0.8$	$1.8 \pm 0.2$
VBF $m_H(125)$	$19.5 \pm 0.2$	$13.7 \pm 0.1$	$7.2 \pm 0.1$	$4.2 \pm 0.1$	$21.7 \pm 0.2$	$10.5 \pm 0.1$	$3.8 \pm 0.1$
GF $m_H(125)$	$5.5 \pm 0.2$	$1.8 \pm 0.1$	$0.6 \pm 0.07$	$0.2 \pm 0.04$	$18.7 \pm 0.4$	$3.1 \pm 0.1$	$0.6 \pm 0.07$