

	BDT $>$	$Y_{\text{prompt}}^{\text{SR}}$ (W+jets)	$Y_{\text{prompt}}^{\text{SR}}$ ( $t\bar{t}$ )	$Y_{\text{nonprompt}}^{\text{SR}}$	$N^{\text{SR}}$ (Rare)	$N^{\text{SR}}(\text{B})$	$N^{\text{SR}}(\text{D})$
$\Delta m = 10 \text{ GeV}$	0.31	$18.4 \pm 3.6$	$1.8 \pm 4.8$	$8.0 \pm 2.9$	$2.3 \pm 1.4$	$30.3 \pm 6.7$	39
$\Delta m = 20 \text{ GeV}$	0.39	$9.0 \pm 2.0$	$1.3 \pm 1.7$	$11.2 \pm 3.2$	$3.1 \pm 1.9$	$24.7 \pm 4.5$	20
$\Delta m = 30 \text{ GeV}$	0.47	$4.0 \pm 2.5$	$1.2 \pm 0.6$	$8.8 \pm 2.5$	$1.7 \pm 1.2$	$15.7 \pm 3.7$	22
$\Delta m = 40 \text{ GeV}$	0.48	$4.1 \pm 1.3$	$1.8 \pm 0.7$	$7.6 \pm 2.3$	$1.2 \pm 0.9$	$14.8 \pm 2.8$	16
$\Delta m = 50 \text{ GeV}$	0.45	$7.3 \pm 2.1$	$4.7 \pm 2.8$	$7.1 \pm 2.0$	$5.5 \pm 3.1$	$24.5 \pm 4.8$	36
$\Delta m = 60 \text{ GeV}$	0.50	$2.0 \pm 0.6$	$2.4 \pm 1.2$	$3.1 \pm 1.1$	$1.1 \pm 0.9$	$8.7 \pm 1.8$	12
$\Delta m = 70 \text{ GeV}$	0.46	$4.9 \pm 1.6$	$3.4 \pm 1.1$	$5.4 \pm 1.6$	$3.2 \pm 1.9$	$16.8 \pm 2.9$	20
$\Delta m = 80 \text{ GeV}$	0.44	$7.1 \pm 1.6$	$5.1 \pm 0.9$	$5.3 \pm 1.6$	$5.2 \pm 3.0$	$22.8 \pm 3.3$	26