

Signal region	$0\ell, 1 \text{ b tag}$	$0\ell, 2 \text{ b tag}$	$0\ell, 3 \text{ b tag}$	$2\ell, 1 \text{ b tag}$	$2\ell, 2 \text{ b tag}$	$2\ell, 3 \text{ b tag}$
Data	$2452 \pm 50$	$398 \pm 20$	$45 \pm 7$	$10512 \pm 103$	$2188 \pm 47$	$129 \pm 11$
Z +jets	$740 \pm 12$	$48 \pm 1$	$2.0 \pm 0.2$	$4118 \pm 15$	$175 \pm 1$	$18 \pm 1$
Z +b	$220 \pm 6$	$13 \pm 1$	$0.46 \pm 0.06$	$4127 \pm 18$	$365 \pm 3$	$23 \pm 1$
Z +b $\bar{b}$	$134 \pm 3$	$86 \pm 2$	$2.5 \pm 0.3$	$1547 \pm 11$	$1113 \pm 7$	$51 \pm 2$
single top	$74 \pm 3$	$18 \pm 1$	$3.0 \pm 0.4$	$25 \pm 0$	$10.0 \pm 0.1$	-
t $\bar{t}$	$750 \pm 12$	$143 \pm 3$	$31 \pm 3$	$592 \pm 3$	$473 \pm 3$	$26 \pm 1$
VV, Vh	$76 \pm 2$	$32 \pm 1$	$0.93 \pm 0.11$	$139 \pm 1$	$53 \pm 1$	$3.5 \pm 0.1$
W +jets	$458 \pm 13$	$65 \pm 3$	$2.4 \pm 0.3$	$3.7 \pm 0.1$	-	-
Total bkg.	$2451 \pm 26$	$405 \pm 8$	$42 \pm 5$	$10552 \pm 35$	$2189 \pm 12$	$121 \pm 3$
Pre-fit bkg.	$2467 \pm 26$	$427 \pm 8$	$28 \pm 5$	$10740 \pm 35$	$2250 \pm 12$	$100 \pm 3$
$m_A = 300 \text{ GeV}$	-	-	-	$3.1 \pm 0.2$	$3.3 \pm 0.2$	$0.10 \pm 0.01$
$m_A = 1000 \text{ GeV}$	$27.3 \pm 5.2$	$28.6 \pm 5.4$	$3.5 \pm 0.7$	$5.4 \pm 1.0$	$6.1 \pm 1.2$	$1.2 \pm 0.2$