

Sample Type	A	B	B'	C	D	D'
	Low ANN \cancel{E}_T sb	Low ANN Low \cancel{E}_T	Low ANN High \cancel{E}_T	High ANN \cancel{E}_T sb	High ANN Low \cancel{E}_T	High ANN High \cancel{E}_T
$t\bar{t}$: single lepton	210 ± 8	4.8 ± 1.1	0.2 ± 0.2	55 ± 4	1.7 ± 0.7	$0.0^{+0.2}_{-0.0}$
$t\bar{t}$: dilepton (ℓ)	56 ± 4	0.3 ± 0.3	0.01 ± 0.01	109 ± 5	3.6 ± 1.0	0.2 ± 0.2
$t\bar{t}$: dilepton ($\tau \rightarrow \ell$)	3.9 ± 1.1	0.01 ± 0.01	0.3 ± 0.3	4.3 ± 1.0	$0.0^{+0.2}_{-0.0}$	0.2 ± 0.2
$t\bar{t}$: single τ	9.4 ± 1.7	0.3 ± 0.3	$0.0^{+0.2}_{-0.0}$	2.6 ± 0.8	$0.0^{+0.2}_{-0.0}$	$0.0^{+0.2}_{-0.0}$
$t\bar{t}$	279 ± 9	5.4 ± 1.2	0.5 ± 0.3	171 ± 7	5.3 ± 1.2	0.4 ± 0.3
W boson + jets	186 ± 3	20.4 ± 1.1	5.8 ± 0.6	40 ± 2	4.1 ± 0.5	1.6 ± 0.3
Single top quark	20 ± 1	1.5 ± 0.3	0.2 ± 0.1	11 ± 1	0.9 ± 0.2	0.1 ± 0.1
Z boson + jets	2.1 ± 0.3	$0.07^{+0.12}_{-0.07}$	$0.07^{+0.12}_{-0.07}$	0.8 ± 0.1	$0.03^{+0.05}_{-0.03}$	$0.03^{+0.05}_{-0.03}$
QCD multijet	$0.3^{+0.4}_{-0.3}$	$0.00^{+0.04}_{-0.00}$	$0.00^{+0.04}_{-0.00}$	0.1 ± 0.1	$0.00^{+0.02}_{-0.00}$	$0.00^{+0.02}_{-0.00}$
Total SM	487 ± 9	27.3 ± 1.8	6.6 ± 0.7	224 ± 7	10.3 ± 1.3	2.1 ± 0.4
Data	433	22	2	228	10	1
LM6	11.2 ± 0.3	6.0 ± 0.2	3.9 ± 0.1	44.6 ± 0.5	32.1 ± 0.4	21.0 ± 0.3