

Process	SR-2 ℓ $t\bar{t}t\bar{t}$ class		SR-3 ℓ $t\bar{t}t\bar{t}$ class	
	Prefit	Postfit	Prefit	Postfit
$t\bar{t}t\bar{t}$	35.85 ± 0.85	47.4 ± 6.4	16.92 ± 0.38	22.4 ± 3.1
$t\bar{t}t$	3.05 ± 0.36	3.06 ± 0.43	1.44 ± 0.17	1.45 ± 0.21
$t\bar{t}W$	40.8 ± 6.6	55.9 ± 6.9	14.5 ± 1.9	19.5 ± 2.1
$t\bar{t}Z$	14.3 ± 1.3	17.2 ± 1.2	22.6 ± 1.5	26.3 ± 1.4
$t\bar{t}H$	24.3 ± 2.4	24.9 ± 2.4	21.0 ± 1.9	21.0 ± 1.6
Other t	7.06 ± 0.90	7.23 ± 0.96	4.70 ± 0.57	4.81 ± 0.58
WZ	1.21 ± 0.66	1.77 ± 0.71	2.61 ± 0.92	3.3 ± 1.1
VV(V)	0.38 ± 0.11	0.38 ± 0.08	0.26 ± 0.11	0.32 ± 0.16
$X\gamma$	15.0 ± 1.7	15.0 ± 1.6	6.87 ± 0.64	7.11 ± 0.63
Charge misID	8.24 ± 0.68	8.29 ± 0.63	—	—
Nonprompt e	32.0 ± 5.0	37.7 ± 3.2	13.3 ± 2.5	16.4 ± 1.5
Nonprompt μ	10.2 ± 2.2	12.0 ± 1.5	4.1 ± 1.2	5.00 ± 0.70
Total background	157 ± 17	183 ± 15	91.2 ± 7.7	105.2 ± 4.6
Total prediction	192 ± 17	231 ± 15	108.2 ± 8.0	127.6 ± 5.5
Data		232		135