

Mass range [GeV]	FS	Template	Rares	Sum	Observed
t \bar{t} like					
20-60	290.9 $^{+20.7}_{-19.7}$	0.4 \pm 0.3	1.4 \pm 0.5	292.7 $^{+20.7}_{-19.7}$	273
60-86	180.5 $^{+15.7}_{-14.7}$	0.9 \pm 0.7	8.8 \pm 3.4	190.1 $^{+16.1}_{-15.1}$	190
96-150	175.5 $^{+15.4}_{-14.4}$	1.1 \pm 0.9	6.0 \pm 2.4	182.7 $^{+15.7}_{-14.6}$	192
150-200	73.3 $^{+10.4}_{-9.2}$	0.1 \pm 0.1	0.4 \pm 0.2	73.9 $^{+10.4}_{-9.2}$	66
200-300	46.9 $^{+8.4}_{-7.3}$	0.1 \pm 0.1	0.3 \pm 0.1	47.3 $^{+8.4}_{-7.3}$	42
300-400	18.5 $^{+5.7}_{-4.5}$	0.0 \pm 0.0	0.0 \pm 0.0	18.6 $^{+5.7}_{-4.5}$	11
>400	4.3 $^{+3.4}_{-2.1}$	0.0 \pm 0.0	0.1 \pm 0.0	4.5 $^{+3.4}_{-2.1}$	4
non-t \bar{t} like					
20-60	3.3 $^{+3.2}_{-1.8}$	0.7 \pm 0.5	1.4 \pm 0.5	5.3 $^{+3.3}_{-1.9}$	6
60-86	3.3 $^{+3.2}_{-1.8}$	1.6 \pm 1.3	6.9 \pm 2.7	11.8 $^{+4.4}_{-3.5}$	19
96-150	6.6 $^{+3.9}_{-2.6}$	1.9 \pm 1.5	6.8 \pm 2.7	15.3 $^{+5.0}_{-4.1}$	28
150-200	5.5 $^{+3.7}_{-2.4}$	0.2 \pm 0.3	0.7 \pm 0.3	6.4 $^{+3.7}_{-2.4}$	7
200-300	3.3 $^{+3.2}_{-1.8}$	0.2 \pm 0.2	0.5 \pm 0.2	3.9 $^{+3.2}_{-1.8}$	4
300-400	3.3 $^{+3.2}_{-1.8}$	0.1 \pm 0.1	0.2 \pm 0.1	3.5 $^{+3.2}_{-1.8}$	0
>400	1.1 $^{+2.5}_{-0.9}$	0.1 \pm 0.1	0.4 \pm 0.2	1.6 $^{+2.5}_{-0.9}$	5
Super signal regions (non-t \bar{t} like)					
20-86	6.5 $^{+3.9}_{-2.6}$	2.3 \pm 1.5	8.3 \pm 3.2	17.1 $^{+5.3}_{-4.4}$	25
>96	19.6 $^{+5.8}_{-4.6}$	2.4 \pm 1.6	8.5 \pm 3.4	30.6 $^{+7.0}_{-6.0}$	44