

$\mathcal{L} = 2.3 \text{ fb}^{-1}$	Other	QCD	t \bar{t} V	Single t	W+jets	t \bar{t} (1 ℓ)	t \bar{t} (2 ℓ)	SM bkg.	T1tttt(NC)	T1tttt(C)
No selection	—	—	—	—	—	—	—	—	31.3	190.0
1 ℓ , $p_T > 20 \text{ GeV}$	—	—	—	—	—	—	—	—	11.9	68.7
$H_T > 500 \text{ GeV}$	4131.9	31831.5	721.9	2926.6	31885.1	27628.7	3357.8	102483.4	11.9	44.9
$E_T^{\text{miss}} > 200 \text{ GeV}$	310.6	154.7	89.1	457.2	4343.1	2183.6	584.0	8122.3	10.5	21.5
$N_{\text{jets}} \geq 6$, $p_T > 30 \text{ GeV}$	27.3	8.0	36.8	82.8	278.7	792.3	171.4	1397.4	9.6	20.4
$N_b \geq 1$	9.4	2.7	29.6	63.9	66.3	632.2	137.4	941.4	9.1	19.1
$M_J > 250 \text{ GeV}$	6.7	2.6	22.6	43.8	46.1	455.2	87.2	664.2	9.0	16.5
$m_T > 140 \text{ GeV}$	0.7	1.4	3.0	3.5	1.2	5.5	32.5	47.9	7.0	9.2
$M_J > 400 \text{ GeV}$	0.4	0.8	1.1	1.4	0.6	2.8	9.7	16.7	6.4	4.5
$N_b \geq 2$	0.16	0.04	0.55	0.68	0.00	1.29	4.52	7.24	4.87	3.47
$E_T^{\text{miss}} > 400 \text{ GeV}$	0.02	0.00	0.12	0.31	0.00	0.07	0.72	1.24	3.60	1.48
$N_{\text{jets}} \geq 9$, $p_T > 30 \text{ GeV}$	0.01	0.00	0.03	0.00	0.00	0.01	0.11	0.16	1.64	1.00