

$\mathcal{L} = 35.9 \text{ fb}^{-1}$	Other	Single t	QCD	V+jets	$t\bar{t} + X$	Total SM bkg.	TChiHH (225,1)	TChiHH (400,1)	TChiHH (700,1)
No selection	–	–	–	–	–	–	10477.0	1080.4	84.0
$0\ell, 4\text{-}5 \text{ jets}$	–	–	–	–	–	–	4400.5	542.4	44.5
$N_{b,T} \geq 2$	–	–	–	–	–	–	2479.4	304.2	23.8
$p_T^{\text{miss}} > 150 \text{ GeV}$	122.3	1847.0	13201.4	2375.8	26797.7	44344.2 ± 778.5	487.0	201.7	20.2
Track veto	91.4	1130.1	12251.8	1987.0	16910.1	32370.5 ± 770.5	455.1	193.2	19.8
$\Delta\phi_{1,2} > 0.5, \Delta\phi_{3,4} > 0.3$	62.3	688.4	1649.0	1466.6	12027.0	15893.4 ± 482.6	258.4	161.0	17.4
$ \Delta m < 40 \text{ GeV}$	35.9	366.0	831.9	745.5	7682.3	9661.6 ± 440.8	187.1	118.9	12.0
$\Delta R_{\text{max}} < 2.2$	14.2	138.2	147.0	336.9	3014.2	3650.5 ± 90.2	95.1	80.1	9.9
$100 < \langle m \rangle \leq 140 \text{ GeV}$	3.8	42.3	14.0	75.2	992.0	1127.3 ± 10.1	70.4	61.1	8.1
3b + 4b	0.1	3.4	3.2	7.1	109.0	122.9 ± 3.9	53.0	46.1	6.2
4b	0.1	0.7	3.2	1.5	27.3	32.8 ± 3.4	35.4	32.0	4.4
$p_T^{\text{miss}} > 200 \text{ GeV}$	0.1	0.3	3.2	1.1	9.4	14.1 ± 3.3	15.0	26.2	4.2
$p_T^{\text{miss}} > 300 \text{ GeV}$	0.0	0.1	0.0	0.4	1.1	1.7 ± 0.2	2.4	11.6	3.4
$p_T^{\text{miss}} > 450 \text{ GeV}$	0.0	0.0	0.0	0.1	0.1	0.1 ± 0.1	0.1	1.1	1.9