

Selection	$m_{\tilde{t}}$	$m_{\tilde{\chi}_1^0}$	$m_{\tilde{t}}$	$m_{\tilde{\chi}_1^0}$	$m_{\tilde{t}}$	$m_{\tilde{\chi}_1^0}$
	[GeV]	[GeV]	[GeV]	[GeV]	[GeV]	[GeV]
	900	50	800	350	500	300
$\geq 1\ell, \geq 2$ jets, $E_{\text{T}}^{\text{miss}} > 150$ GeV	141 \pm 1		275 \pm 3		3395 \pm 13	
+ $M_{\text{T}} > 150$ GeV	93.0 \pm 1.1		173 \pm 2		990 \pm 7	
+ ≥ 1 b-tagged jet	71.8 \pm 0.9		139 \pm 2		764 \pm 6	
+ 2 nd ℓ veto	59.3 \pm 0.8		114 \pm 2		602 \pm 5	
+ τ_{h} , iso.track veto	55.0 \pm 0.8		106 \pm 2		556 \pm 5	
+ $\min \Delta\phi(E_{\text{T}}^{\text{miss}}, j_{1,2}) > 0.8$	42.7 \pm 0.7		81.8 \pm 1.4		400 \pm 4	
+ $E_{\text{T}}^{\text{miss}} > 250$ GeV	33.6 \pm 0.6		54.7 \pm 1.1		121 \pm 2	
$t_{\text{mod}} > 0$	17.8 \pm 0.5		30.4 \pm 0.8		30.8 \pm 1.2	
$t_{\text{mod}} > 10$	12.2 \pm 0.4		15.9 \pm 0.6		6.0 \pm 0.5	
$M_{\ell\text{b}} \leq 175$ GeV	7.7 \pm 0.3		25.2 \pm 0.8		105 \pm 2	
$M_{\ell\text{b}} > 175$ GeV	16.4 \pm 0.4		19.7 \pm 0.6		9.4 \pm 0.6	

N_{J}	t_{mod}	$M_{\ell\text{b}}$ [GeV]	$E_{\text{T}}^{\text{miss}}$ [GeV]			
≤ 3	> 10	≤ 175	250 – 350	0.15 \pm 0.04	0.72 \pm 0.12	0.90 \pm 0.20
≤ 3	> 10	≤ 175	350 – 450	0.11 \pm 0.03	0.53 \pm 0.10	0.66 \pm 0.17
≤ 3	> 10	≤ 175	450 – 600	0.28 \pm 0.05	0.58 \pm 0.11	0.40 \pm 0.14
≤ 3	> 10	≤ 175	> 600	0.17 \pm 0.04	0.15 \pm 0.06	—
≤ 3	> 10	> 175	250 – 450	0.46 \pm 0.07	1.2 \pm 0.2	—
≤ 3	> 10	> 175	450 – 600	0.35 \pm 0.06	0.33 \pm 0.08	—
≤ 3	> 10	> 175	> 600	0.24 \pm 0.05	0.06 \pm 0.04	—
≥ 4	≤ 0	≤ 175	250 – 350	0.78 \pm 0.10	4.3 \pm 0.3	39.6 \pm 1.3
≥ 4	≤ 0	≤ 175	350 – 450	0.53 \pm 0.08	1.7 \pm 0.2	15.8 \pm 0.9
≥ 4	≤ 0	≤ 175	450 – 550	0.59 \pm 0.09	1.0 \pm 0.2	6.7 \pm 0.5
≥ 4	≤ 0	≤ 175	550 – 650	0.35 \pm 0.07	0.40 \pm 0.09	2.8 \pm 0.3
≥ 4	≤ 0	≤ 175	> 650	0.23 \pm 0.05	0.47 \pm 0.10	2.7 \pm 0.3
≥ 4	≤ 0	> 175	250 – 350	2.7 \pm 0.2	4.6 \pm 0.3	3.7 \pm 0.4
≥ 4	≤ 0	> 175	350 – 450	2.0 \pm 0.1	2.0 \pm 0.2	1.5 \pm 0.2
≥ 4	≤ 0	> 175	450 – 550	1.2 \pm 0.1	1.3 \pm 0.2	0.86 \pm 0.18
≥ 4	≤ 0	> 175	> 550	0.90 \pm 0.09	1.2 \pm 0.2	0.93 \pm 0.19
≥ 4	0 – 10	≤ 175	250 – 350	0.29 \pm 0.06	2.8 \pm 0.3	12.5 \pm 0.7
≥ 4	0 – 10	≤ 175	350 – 550	0.70 \pm 0.09	2.8 \pm 0.3	5.2 \pm 0.5
≥ 4	0 – 10	≤ 175	> 550	0.23 \pm 0.05	0.44 \pm 0.10	0.43 \pm 0.14
≥ 4	0 – 10	> 175	250 – 450	1.4 \pm 0.1	2.6 \pm 0.2	0.52 \pm 0.15
≥ 4	0 – 10	> 175	> 450	0.70 \pm 0.08	0.74 \pm 0.12	0.07 \pm 0.05
≥ 4	> 10	≤ 175	250 – 350	0.44 \pm 0.07	2.1 \pm 0.2	1.3 \pm 0.2
≥ 4	> 10	≤ 175	350 – 450	0.76 \pm 0.09	2.4 \pm 0.2	1.7 \pm 0.3
≥ 4	> 10	≤ 175	450 – 600	0.91 \pm 0.11	2.1 \pm 0.2	0.72 \pm 0.17
≥ 4	> 10	≤ 175	> 600	0.76 \pm 0.09	0.33 \pm 0.09	0.07 \pm 0.05
≥ 4	> 10	> 175	250 – 450	2.1 \pm 0.1	2.1 \pm 0.2	0.16 \pm 0.08
≥ 4	> 10	> 175	> 450	2.6 \pm 0.2	1.2 \pm 0.2	0.07 \pm 0.05
compressed region			250 – 350	0.74 \pm 0.09	2.3 \pm 0.2	17.5 \pm 0.9
compressed region			350 – 450	0.97 \pm 0.11	1.8 \pm 0.2	10.2 \pm 0.7
compressed region			450 – 550	0.90 \pm 0.11	1.6 \pm 0.2	5.8 \pm 0.5
compressed region			> 550	1.1 \pm 0.1	1.5 \pm 0.2	5.0 \pm 0.5