

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]
	1000	50	800	400	500	325
$\geq 1\ell, \geq 2$ jets, $E_{\text{T}}^{\text{miss}} > 150$ GeV	63.0 \pm 0.7		269 \pm 3		957 \pm 4	
+ $M_{\text{T}} > 150$ GeV	51.4 \pm 0.6		186 \pm 2		180 \pm 2	
+ ≥ 1 b-tagged jet	36.8 \pm 0.5		137 \pm 2		134 \pm 1	
+ 2 nd ℓ veto	31.7 \pm 0.4		115 \pm 2		100 \pm 1	
+ τ_{h} , iso.track veto	30.0 \pm 0.4		107 \pm 2		91.5 \pm 1.2	
+ $\min \Delta\phi(E_{\text{T}}^{\text{miss}}, j_{1,2}) > 0.8$	26.3 \pm 0.4		94.0 \pm 1.6		54.9 \pm 1.0	
+ $E_{\text{T}}^{\text{miss}} > 250$ GeV	24.1 \pm 0.4		69.0 \pm 1.3		23.8 \pm 0.6	
$t_{\text{mod}} > 0$	17.6 \pm 0.3		42.7 \pm 1.0		1.8 \pm 0.2	
$t_{\text{mod}} > 10$	13.1 \pm 0.3		22.6 \pm 0.7		0.35 \pm 0.07	
$M_{\ell\text{b}} \leq 175$ GeV	17.0 \pm 0.3		54.7 \pm 1.2		20.6 \pm 0.6	
$M_{\ell\text{b}} > 175$ GeV	3.8 \pm 0.1		9.0 \pm 0.5		1.7 \pm 0.2	

N_{J}	t_{mod}	$M_{\ell\text{b}}$ [GeV]	$E_{\text{T}}^{\text{miss}}$ [GeV]			
≤ 3	> 10	≤ 175	250 – 350	0.18 \pm 0.03	1.5 \pm 0.2	0.03 \pm 0.02
≤ 3	> 10	≤ 175	350 – 450	0.41 \pm 0.05	2.6 \pm 0.2	0.03 \pm 0.02
≤ 3	> 10	≤ 175	450 – 600	0.86 \pm 0.07	1.3 \pm 0.2	—
≤ 3	> 10	≤ 175	> 600	1.4 \pm 0.1	0.53 \pm 0.11	—
≤ 3	> 10	> 175	250 – 450	0.15 \pm 0.03	1.0 \pm 0.2	0.03 \pm 0.02
≤ 3	> 10	> 175	450 – 600	0.28 \pm 0.04	0.24 \pm 0.07	—
≤ 3	> 10	> 175	> 600	0.47 \pm 0.05	0.14 \pm 0.05	—
≥ 4	≤ 0	≤ 175	250 – 350	0.80 \pm 0.07	7.7 \pm 0.4	9.6 \pm 0.4
≥ 4	≤ 0	≤ 175	350 – 450	0.98 \pm 0.08	4.4 \pm 0.3	4.4 \pm 0.3
≥ 4	≤ 0	≤ 175	450 – 550	0.67 \pm 0.06	1.6 \pm 0.2	2.2 \pm 0.2
≥ 4	≤ 0	≤ 175	550 – 650	0.46 \pm 0.06	1.1 \pm 0.2	0.71 \pm 0.10
≥ 4	≤ 0	≤ 175	> 650	0.70 \pm 0.08	1.3 \pm 0.2	0.72 \pm 0.11
≥ 4	≤ 0	> 175	250 – 350	0.26 \pm 0.05	1.6 \pm 0.2	0.70 \pm 0.10
≥ 4	≤ 0	> 175	350 – 450	0.26 \pm 0.04	1.0 \pm 0.2	0.50 \pm 0.09
≥ 4	≤ 0	> 175	450 – 550	0.16 \pm 0.03	0.25 \pm 0.08	0.13 \pm 0.04
≥ 4	≤ 0	> 175	> 550	0.24 \pm 0.04	0.49 \pm 0.11	0.03 \pm 0.02
≥ 4	0 – 10	≤ 175	250 – 350	0.59 \pm 0.06	5.6 \pm 0.4	0.55 \pm 0.09
≥ 4	0 – 10	≤ 175	350 – 550	1.2 \pm 0.1	5.8 \pm 0.4	0.48 \pm 0.10
≥ 4	0 – 10	≤ 175	> 550	0.56 \pm 0.06	0.76 \pm 0.13	0.01 \pm 0.01
≥ 4	0 – 10	> 175	250 – 450	0.14 \pm 0.03	1.2 \pm 0.2	—
≥ 4	0 – 10	> 175	> 450	0.30 \pm 0.04	0.28 \pm 0.08	0.04 \pm 0.03
≥ 4	> 10	≤ 175	250 – 350	0.34 \pm 0.04	3.1 \pm 0.3	0.06 \pm 0.03
≥ 4	> 10	≤ 175	350 – 450	0.79 \pm 0.07	3.9 \pm 0.3	0.05 \pm 0.03
≥ 4	> 10	≤ 175	450 – 600	1.8 \pm 0.1	4.2 \pm 0.3	0.06 \pm 0.03
≥ 4	> 10	≤ 175	> 600	4.0 \pm 0.2	1.4 \pm 0.2	0.04 \pm 0.03
≥ 4	> 10	> 175	250 – 450	0.19 \pm 0.03	0.46 \pm 0.10	—
≥ 4	> 10	> 175	> 450	0.81 \pm 0.07	0.80 \pm 0.14	0.05 \pm 0.03
compressed region			250 – 350	0.24 \pm 0.04	2.3 \pm 0.2	5.0 \pm 0.3
compressed region			350 – 450	0.39 \pm 0.05	1.7 \pm 0.2	3.0 \pm 0.2
compressed region			450 – 550	0.38 \pm 0.05	1.7 \pm 0.2	1.7 \pm 0.2
compressed region			> 550	0.98 \pm 0.08	2.2 \pm 0.2	1.2 \pm 0.1