

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	750	400	500	300
$\geq 1\ell, \geq 2$ jets, $p_{\text{T}}^{\text{miss}} > 150$ GeV	$407 \pm 4$		$828 \pm 9$		$5788 \pm 27$	
+ $M_{\text{T}} > 150$ GeV	$251.2 \pm 2.9$		$548 \pm 7$		$2336 \pm 17$	
+ $\geq 1$ b-tagged jet	$201.0 \pm 2.5$		$465 \pm 7$		$2027 \pm 16$	
+ $2^{\text{nd}}\ell$ veto	$168.9 \pm 2.3$		$417 \pm 6$		$1792 \pm 15$	
+ $\tau_{\text{h}}$ , iso. track veto	$153.8 \pm 2.2$		$397 \pm 6$		$1710 \pm 14$	
+ $\min \Delta\phi(j_{1,2}, \vec{p}_{\text{T}}^{\text{miss}}) > 0.8$	$126.3 \pm 2.0$		$335 \pm 6$		$1349 \pm 13$	
+ $\vec{p}_{\text{T}}^{\text{miss}} > 250$ GeV	$111.8 \pm 1.9$		$238 \pm 5$		$469 \pm 7$	
$t_{\text{mod}} > 0$	$77.0 \pm 1.5$		$159 \pm 4$		$204 \pm 5$	
$t_{\text{mod}} > 10$	$55.4 \pm 1.3$		$92.6 \pm 2.9$		$71.7 \pm 2.8$	
$M_{\ell\text{b}} > 175$ GeV	$31.4 \pm 1.0$		$44.1 \pm 2.0$		$68.1 \pm 2.7$	
$M_{\ell\text{b}} \leq 175$ GeV	$80.4 \pm 1.6$		$194 \pm 4$		$401 \pm 7$	
Merged t tag $\geq 1$	$21.6 \pm 0.8$		$15.2 \pm 1.2$		$10.7 \pm 1.1$	
Resolved t tag $\geq 1$	$12.4 \pm 0.6$		$24.3 \pm 1.5$		$30.1 \pm 1.7$	