| Selection | $m_{\widetilde{t}}$ [GeV] | $m_{\widetilde{\chi}_1^0}$ [GeV] | $m_{\widetilde{t}}$ [GeV] | $m_{\widetilde{\chi}_1^0}$ [GeV] | $m_{\widetilde{t}}$ [GeV] | $m_{\widetilde{\chi}_1^0}$ [GeV] |
|---|---|---|---|---|---|---|
| | 950 | 100 | 850 | 350 | 600 | 400 |
| $\geq 1\ell$, $\geq 2$ jets, $p_{\mathrm{T}}^{\mathrm{miss}} > 150\,\mathrm{GeV}$ | $402.5 \pm 2.9$ | | $1105 \pm 8$ | | $3595 \pm 20$ | |
| + $M_{\mathrm{T}} > 150\,\mathrm{GeV}$ | $278.6 \pm 2.5$ | | $705 \pm 7$ | | $1461 \pm 13$ | |
| + $\geq 1$ b-tagged jet | $236.0 \pm 2.2$ | | $620 \pm 6$ | | $1276 \pm 12$ | |
| + $2^{\mathrm{nd}}\ell$ veto | $196.7 \pm 2.0$ | | $514 \pm 6$ | | $1030 \pm 11$ | |
| + $\tau_{\mathrm{h}}$, iso. track veto | $180.8 \pm 1.9$ | | $469 \pm 5$ | | $938 \pm 10$ | |
| + $\min \Delta\phi(j_{1,2}, \vec{p}_{\mathrm{T}}^{\mathrm{miss}}) > 0.8$ | $133.0 \pm 1.7$ | | $358 \pm 5$ | | $699 \pm 9$ | |
| + $\vec{p}_{\mathrm{T}}^{\mathrm{miss}} > 250\,\mathrm{GeV}$ | $109.3 \pm 1.5$ | | $235 \pm 4$ | | $252 \pm 5$ | |
| $t_{\mathrm{mod}} > 0$ | $58.5 \pm 1.1$ | | $129.3 \pm 2.8$ | | $82.0 \pm 2.9$ | |
| $t_{\mathrm{mod}} > 10$ | $42.8 \pm 0.9$ | | $75.8 \pm 2.1$ | | $18.1 \pm 1.4$ | |
| $M_{\ell\mathrm{b}} > 175\,\mathrm{GeV}$ | $82.7 \pm 1.3$ | | $123.1 \pm 2.7$ | | $25.5 \pm 1.6$ | |
| $M_{\ell\mathrm{b}} \leq 175\,\mathrm{GeV}$ | $26.6 \pm 0.8$ | | $111.8 \pm 2.6$ | | $226 \pm 5$ | |
| Merged t tag $\geq 1$ | $11.0 \pm 0.5$ | | $18.9 \pm 1.1$ | | $6.9 \pm 0.8$ | |
| Resolved t tag $\geq 1$ | $4.59 \pm 0.3$ | | $19.0 \pm 1.0$ | | $28.8 \pm 1.6$ | |