

Summary of yields for the $\tilde{t} \rightarrow t\tilde{\chi}_1^0$ model with $m_{\tilde{t}} = 650$ GeV and $m_{\tilde{\chi}_1^0} = 50$ GeV. No trigger efficiency or ISR reweighting is applied. In the first block of the table, the first row shows the yield after requiring at least one analysis lepton, at least 4 jets, and $\text{MET} > 50$ GeV. In each subsequent row, the preselection requirements are added one at a time. In the second block of the table the low-mass (LM) signal region yields are indicated. In the third block the high-mass (HM) signal region yields are indicated. The number after LM or HM indicates the MET requirement. The latter results may be compared to the signal yields in Table 4 of <http://arxiv.org/pdf/1308.1586.pdf> but they are slightly higher ($\sim 10-20\%$) because the trigger and ISR weights are not applied. All uncertainties are statistical only. The bold entry indicates the signal region with the best sensitivity, i.e., the signal region used for limit-setting.

$\ell + \geq 4$ jets + MET>50	31.6 ± 0.3
+ MET>100	29.7 ± 0.3
+ nb ≥ 1	25.2 ± 0.2
+ iso-track veto	21.0 ± 0.2
+ tau-veto	20.6 ± 0.2
+ min-dphi	17.8 ± 0.2
+ chi2	11.9 ± 0.2
+ MT>120	9.6 ± 0.1
LM150	9.1 ± 0.1
LM200	8.2 ± 0.1
LM250	7.1 ± 0.1
LM300	5.7 ± 0.1
HM150	5.5 ± 0.1
HM200	5.4 ± 0.1
HM250	4.9 ± 0.1
HM300	4.2 ± 0.1