0.8 250 0.6 200 0.4 150 0.2 100 250 300 350 450 500 400 \mathcal{X} official plot:

CMS-PAS-SUS-13-023 (upperLimit)

SModelS

1.2

 $T6bbWWoff: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W^{*} \ \widetilde{\chi}_{i}^{0}$

exclusion (SModelS)

±20% (SModelS)

exclusion (official)

 $m_{\tilde{t}} = x$, $m_{\tilde{x}^{\pm}} = 0.5 * x + 0.5 * y$, $m_{\tilde{x}^{0}} = y$

350

300

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13023//T2bw_0p50_observed_xsection_UL.pdf