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

 $m_{\tilde{t}} = x$, $m_{\tilde{z}^{\pm}} = 0.5 * x + 0.5 * y$, $m_{\tilde{z}^{0}} = y$ exclusion (SModelS) SModelS ±20% (SModelS) 350 2.5 exclusion (official) 300 $\sigma_{
m signal}/\sigma_{
m UJ}$ 250 1.5 > 200 150 100 0.5 50 300 700 400 500 600 χ

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

 $T6bbWW: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W \ \widetilde{\chi}_{i}^{0}$

official plot: