$T6bbWWoff: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W^{*} \ \widetilde{\chi}_{i}^{0}$  $m_{\tilde{t}} = x$ ,  $m_{\tilde{s}^{\pm}} = 0.5 * x + 0.5 * y$ ,  $m_{\tilde{s}^{0}} = y$ exclusion (SModelS) 1.2 350 ±20% (SModelS) 300 0.8 250  $\sigma_{
m signal'}$ 0.6 200 0.4 150 0.2 100 250 500 300 350 450 400  $\mathcal{X}$ official plot:

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13023//T2bw\_0p50\_observed\_xsection\_UL.pdf

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