1.2 exclusion (SModelS) 350 ±20% (SModelS) 300 0.8 > 250 0.6 200 0.4 0.2 150 250 300 350 400 450 χ official plot: https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13023/T2bw_0p25_observed_xsection_UL.png

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

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

 $m_{\tilde{t}} = x$, $m_{\tilde{y}^{\pm}} = 0.75 * x + 0.25 * y$, $m_{\tilde{y}^0} = y$