$T6ttWW: pp \rightarrow \widetilde{b} \ \widetilde{b}, \ \widetilde{b} \ \rightarrow t \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W \ \widetilde{\chi}_{i}^{0}$ $m_{\tilde{b}} = x$, $m_{\tilde{a}^{\pm}} = 2.0*y$, $m_{\tilde{a}^{0}} = y$ 3 exclusion (SModelS) 240 SModelS ±20% (SModelS) 220 2.5 exclusion (official) 200 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 180 1.5 160 140 120 0.5 100 80 350 400 450 600 650 500 550 χ

CMS-SUS-13-013 (upperLimit)

 $https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13013/Figure 6_B1a.pdf$

official plot: