CMS-PAS-SUS-16-015 (upperLimit) $T2tt: pp \to \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \to t \ \widetilde{\chi}^0_i$

3 600 ±20% (SModelS) exclusion (SModelS) 2.5 exclusion (official) 500 400 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 1.5 300 200 0.5 100 300 400 500 600 700 800 900 χ official plot:

official pl

 $Eq(m_{\tilde{t}}, x), Eq(m_{\tilde{s}^o}, y)$

http://cms-results.web.cern.ch/cms-results/public-results/preliminary-results/SUS-16-015/CMS-PAS-SUS-16-015_Figure_007-b.pdf