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

 $T6bbWW: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W \ \widetilde{\chi}_{i}^{0}$ $m_{\tilde{t}} = x$, $m_{\tilde{y}^{\pm}} = 0.25 * x + 0.75 * y$, $m_{\tilde{y}^{0}} = y$ 3 350 ±20% (§ exclusion (SModelS) 2.5 300 exclusion (official) 250 $oldsymbol{\sigma}_{ ext{signal}}/oldsymbol{\sigma}_{ ext{Ul}}$ 200 1.5 150 100 0.5 50 650 750 450 500 550 700 350 400 600

 \mathcal{X}

upper limit