CMS-PAS-SUS-13-023 (upperLimit) $T6bbWW: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{_{I}}^{_{+}}, \ \widetilde{\chi}_{_{I}}^{_{\pm}} \rightarrow W \ \widetilde{\chi}_{_{I}}^{^{0}}$

100

50

300

 $m_{\tilde{t}} = x$, $m_{\tilde{x}^{\pm}} = 0.75 * x + 0.25 * y$, $m_{\tilde{x}^{0}} = y$ 2.2 SModelS exclusion (SModelS 350 2 ±20% (SModelS) 1.8 300 1.6 $\sigma_{
m signal}/\sigma_{
m UL}$ 250 1.4 1.2 > 200 150 0.8

0.6

0.4

0.2

700



500

 χ

600

400