## $T6ttWW: pp \to \widetilde{b} \ \widetilde{b}, \ \widetilde{b} \ \to t \ \widetilde{\chi}_{_{I}}^{\pm}, \ \widetilde{\chi}_{_{I}}^{\pm} \to W \ \widetilde{\chi}_{_{I}}^{0}$ $m_{\tilde{b}} = x$ , $m_{\tilde{\gamma}^{\pm}} = y$ , $m_{\tilde{\gamma}^{0}} = 50$ 3 exclusion (SModelS) 450 2.5 ±20% (SModelS) 400 $\sigma_{ m signal}/\sigma_{ m UI}$ 350 > 300 1.5 250 200 0.5 150 350 400 550 600 650 450 500 $\mathcal{X}$ official plot:

CMS-SUS-13-013 (upperLimit)

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