$TChiChipmSlepL: pp \to \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 2} \; \widetilde{\chi}^{\scriptscriptstyle +} m_{\scriptscriptstyle I} \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 2} \; \widetilde{\chi}^{\scriptscriptstyle +} m_{\scriptscriptstyle I} \; \to l \; \widetilde{l} \; (\; \vee \; \widetilde{\nu} \;) \; l \; \widetilde{\nu} \; (\; \vee \; \widetilde{l} \;), \; \widetilde{l} \to l \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\nu} \to \nu \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\nu} \to \ell \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\nu}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\chi}^{\scriptscriptstyle 0}$ $Eq(m_{\widetilde{\chi}_{o}^{0}}, m_{\widetilde{\chi}_{m_{I}}^{+}}, x), Eq(m_{\widetilde{v}}, m_{\widetilde{l}}, 0.05*x + 0.95*y), Eq(m_{\widetilde{\gamma}_{o}^{0}}, y)$ ±20% (SModelS) 400 exclusion (SModelS) 2.5 exclusion (official) 350 $\pm 1\sigma$ (official) 300 k-factor = 1.25 $\sigma_{
m signal}/\sigma_{
m l}$ 250 1.5 200 150 100 0.5 50 300 700 200 400 500 600 \mathcal{X}

CMS-SUS-13-006 (upperLimit)

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13006/Fig13_exclusion_TChiSlepSnu_2i_0_05.png

official plot: