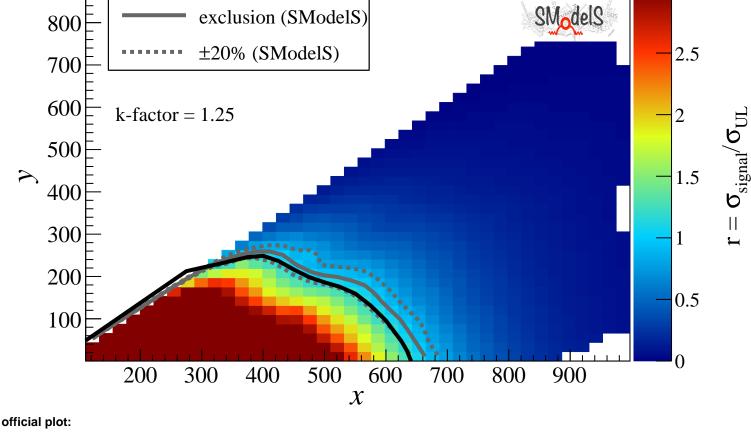
\mathcal{X} https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS12022/exclusion_TChiSlepSnu_2i_0_05.pdf



CMS-PAS-SUS-12-022 (upperLimit)

 $\textit{TChiChipmSlepL}: pp \to \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 2} \; \widetilde{\chi}^{\scriptscriptstyle \pm}_{\scriptscriptstyle 1}, \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 2} \; \widetilde{\chi}^{\scriptscriptstyle \pm}_{\scriptscriptstyle 1} \; \to l \; \widetilde{l} \; (\; \nu \; \widetilde{\nu} \;) \; l \; \widetilde{\nu} \; (\; \nu \; \widetilde{l} \;), \; \widetilde{l} \to l \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\nu} \to \nu \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\nu} \to \ell \; \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle 1}, \; \widetilde{\chi}^{$

 $m_{\tilde{\chi}^0}, m_{\tilde{\chi}^{\pm}} = x, m_{\tilde{\chi}}, m_{\tilde{l}} = 0.05 * x + 0.95 * y, m_{\tilde{\chi}^0} = y$