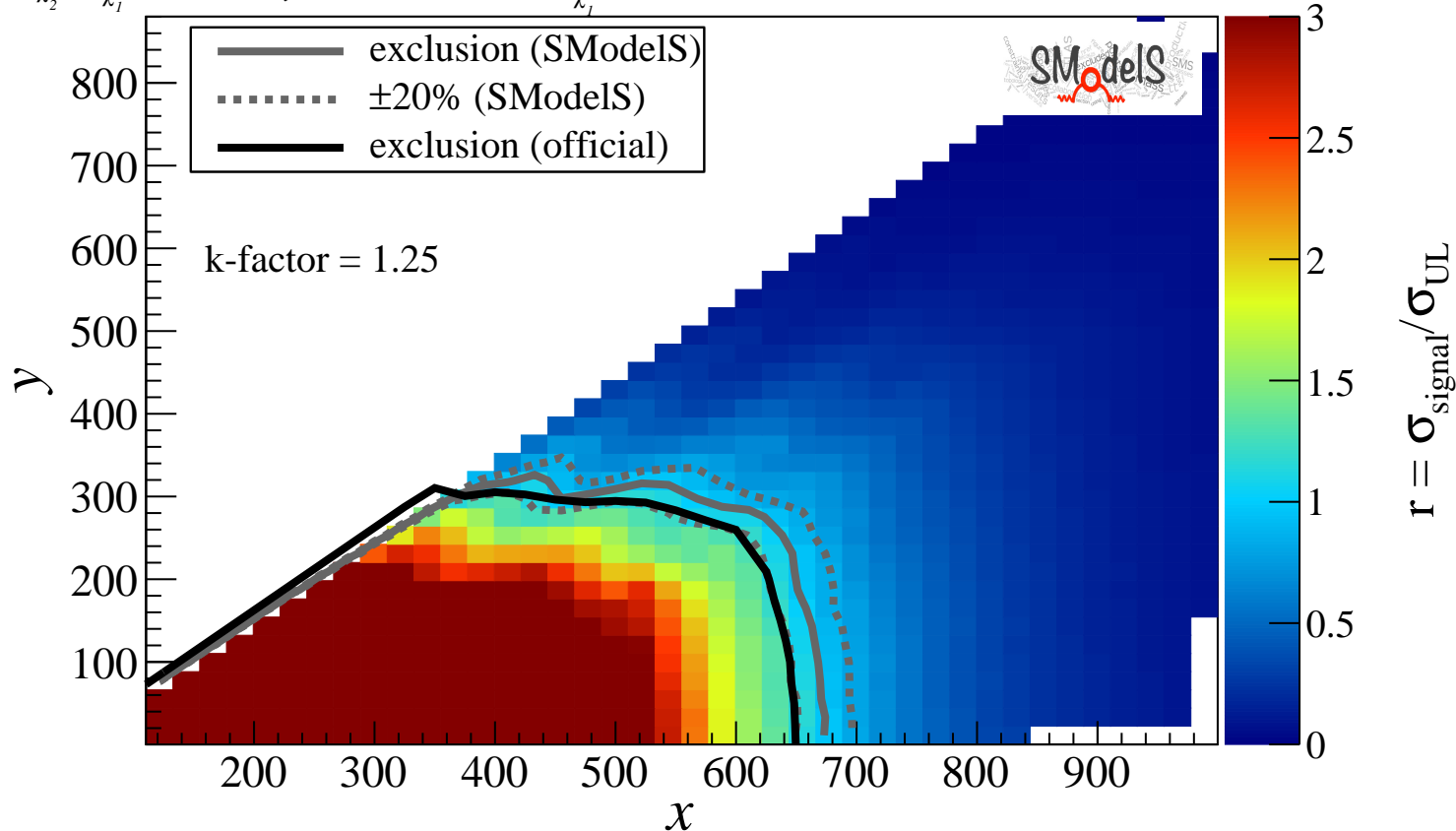# CMS-PAS-SUS-12-022 (upperLimit)

$TChiChipmSlepL : pp \rightarrow \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm, \, \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm \rightarrow l \, \tilde{l} \, (\, \nu \, \tilde{\nu} \,) \, l \, \tilde{\nu} \, (\, \nu \, \tilde{l} \,), \, \tilde{l} \rightarrow l \, \tilde{\chi}_1^0, \, \tilde{\nu} \rightarrow \nu \, \tilde{\chi}_1^0$

$m_{\tilde{\chi}_2^0}, \, m_{\tilde{\chi}_1^\pm} = x, \, m_{\tilde{\nu}}, \, m_{\tilde{l}} = 0.5*x + 0.5*y, \, m_{\tilde{\chi}_1^0} = y$

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS12022/exclusion_TChiSlepSnu_2i_0_5.pdf