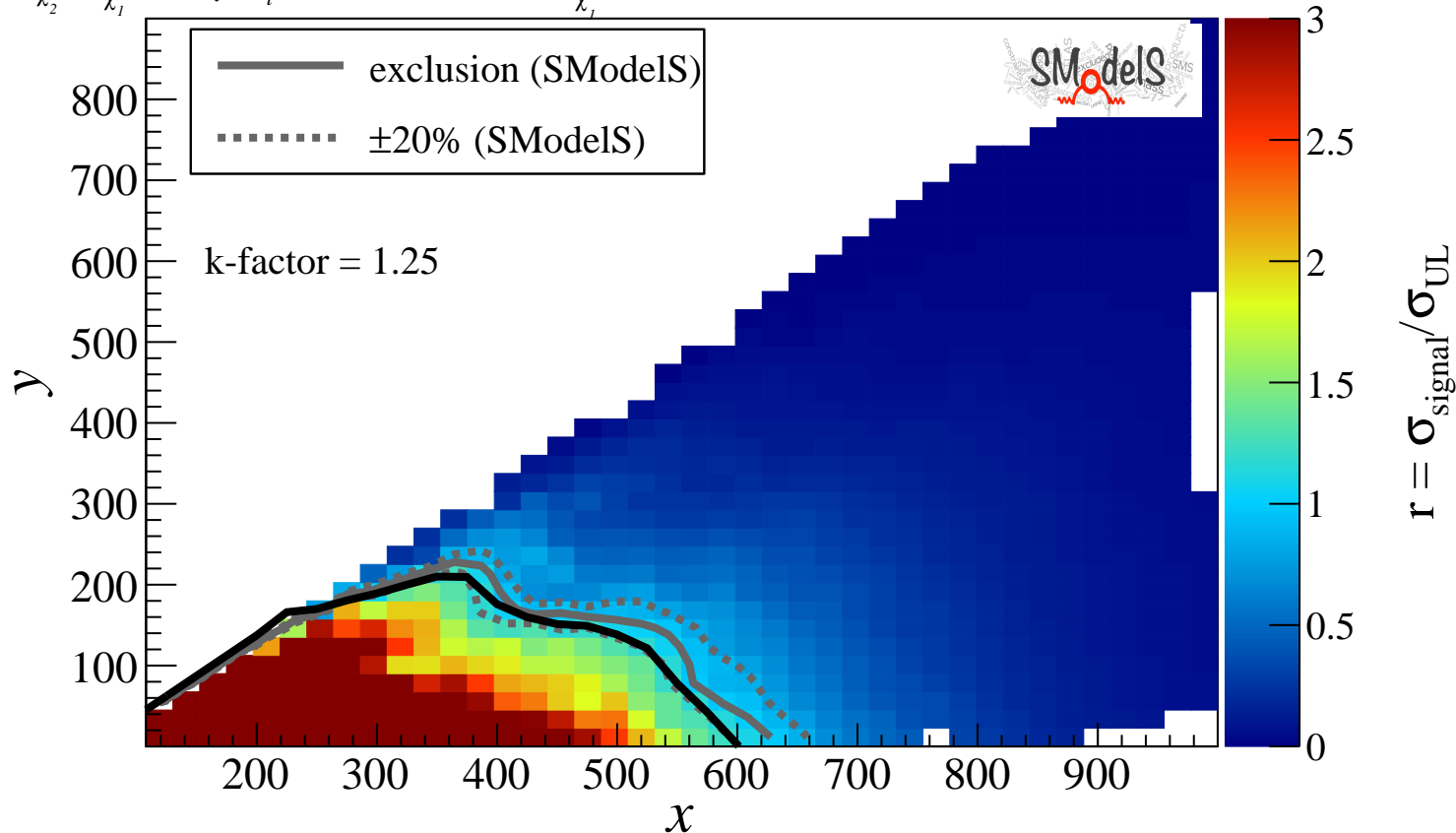# CMS-PAS-SUS-12-022 (upperLimit)

$TChiChipmSlepStau : pp \rightarrow \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm, \, \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm \rightarrow l \, \tilde{l} \, \nu \, \tilde{\tau}, \, \tilde{l} \rightarrow l \, \tilde{\chi}_1^0, \, \tilde{\tau} \rightarrow \tau \, \tilde{\chi}_1^0$

$m_{\tilde{\chi}_2^0}, \, m_{\tilde{\chi}_1^\pm} = x, \, m_{\tilde{\tau}}, \, m_{\tilde{l}} = 0.05*x + 0.95*y, \, m_{\tilde{\chi}_1^0} = y$

official plot:
https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS12022/exclusion_TChiSlepSnu_2a_0_05.pdf