CMS-PAS-SUS-12-022 (upperLimit)
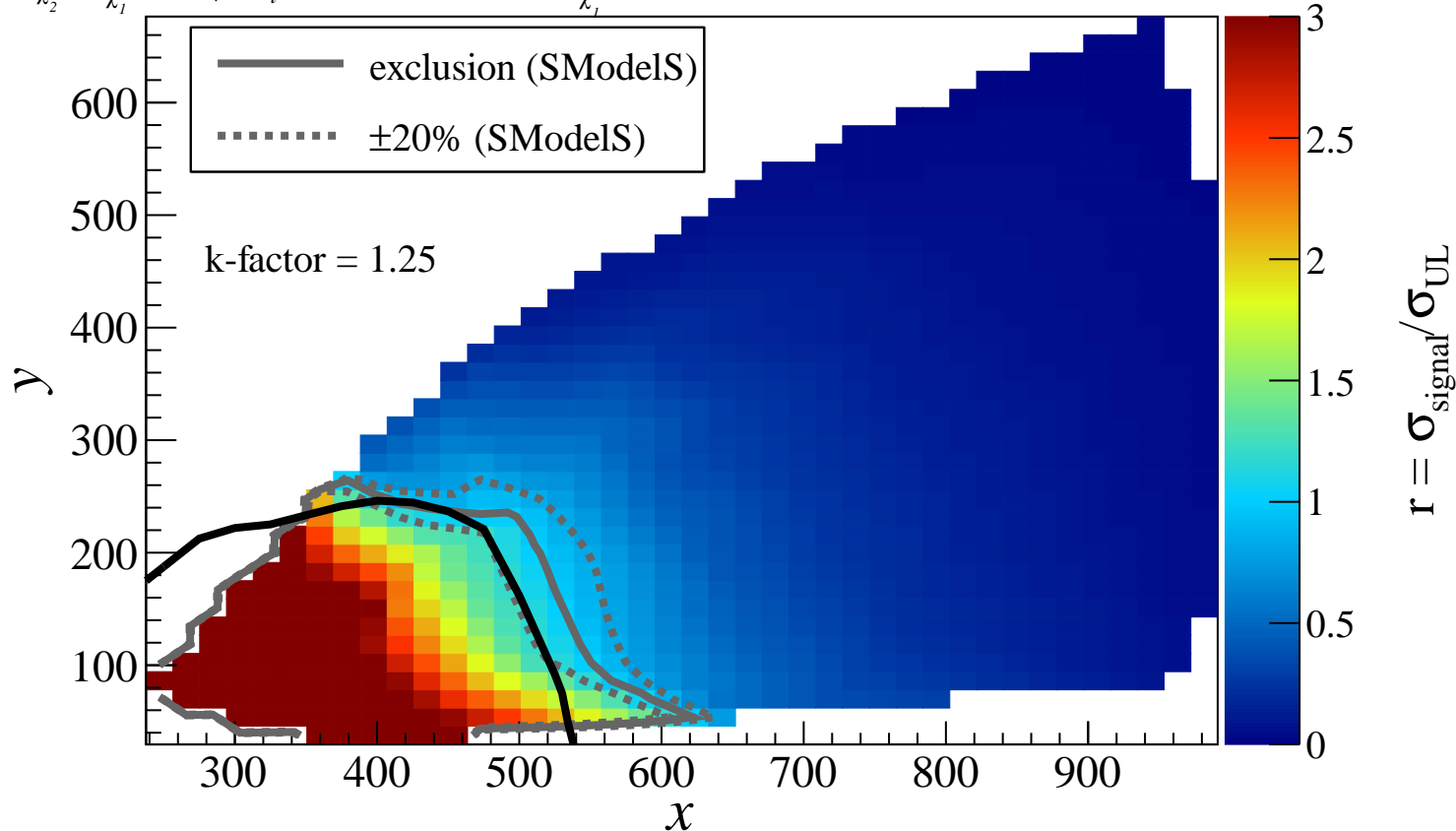
$TChiChipmSlepL : pp \to \tilde{\chi}_2^0 \tilde{\chi}_1^\pm, \tilde{\chi}_2^0 \tilde{\chi}_1^\pm \to l\,\tilde{l}\,(\,\nu\,\tilde{\nu}\,)\,l\,\tilde{\nu}\,(\,\nu\,\tilde{l}\,), \tilde{l} \to l\,\tilde{\chi}_1^0, \tilde{\nu} \to \nu\,\tilde{\chi}_1^0$

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

exclusion (SModelS)

$\pm 20\%$ (SModelS)

k-factor = 1.25

$r = \sigma_{signal}/\sigma_{UL}$