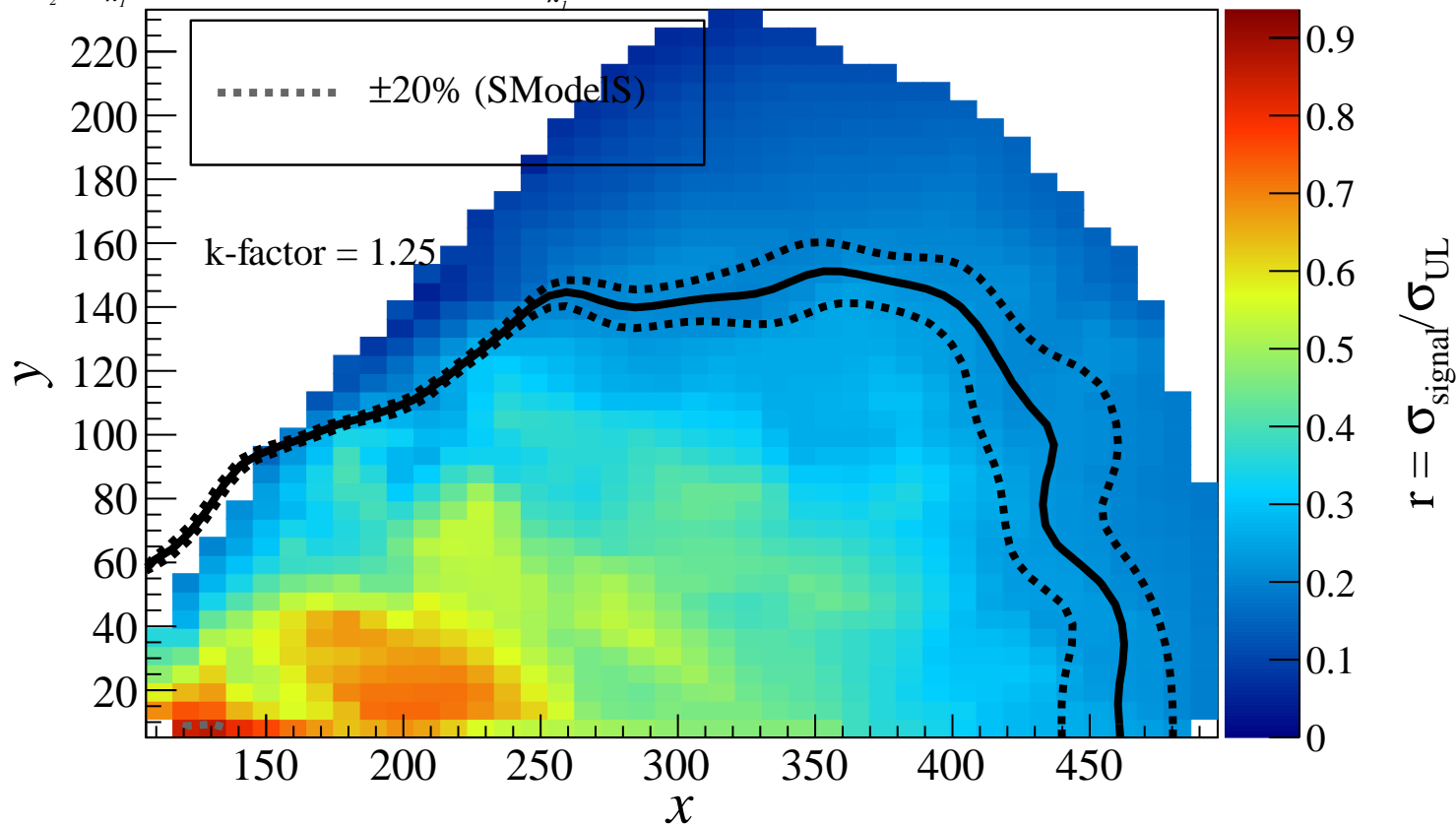


# CMS-PAS-SUS-16-024 (upperLimit)

$TChiChipmStauL : pp \rightarrow \tilde{\chi}_2^0 \tilde{\chi}_1^+, \tilde{\chi}_2^0 \tilde{\chi}_1^+ \rightarrow \tau \tilde{\tau} ( \nu \tilde{\nu} ) \tau \tilde{\nu} ( \nu \tilde{\tau} ), \tilde{\tau} \rightarrow \tau \tilde{\chi}_1^0, \tilde{\nu} \rightarrow \nu \tilde{\chi}_1^0$

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



official plot:

[http://cms-results.web.cern.ch/cms-results/public-results/preliminary-results/SUS-16-024/CMS-PAS-SUS-16-024\\_Figure\\_009.png](http://cms-results.web.cern.ch/cms-results/public-results/preliminary-results/SUS-16-024/CMS-PAS-SUS-16-024_Figure_009.png)