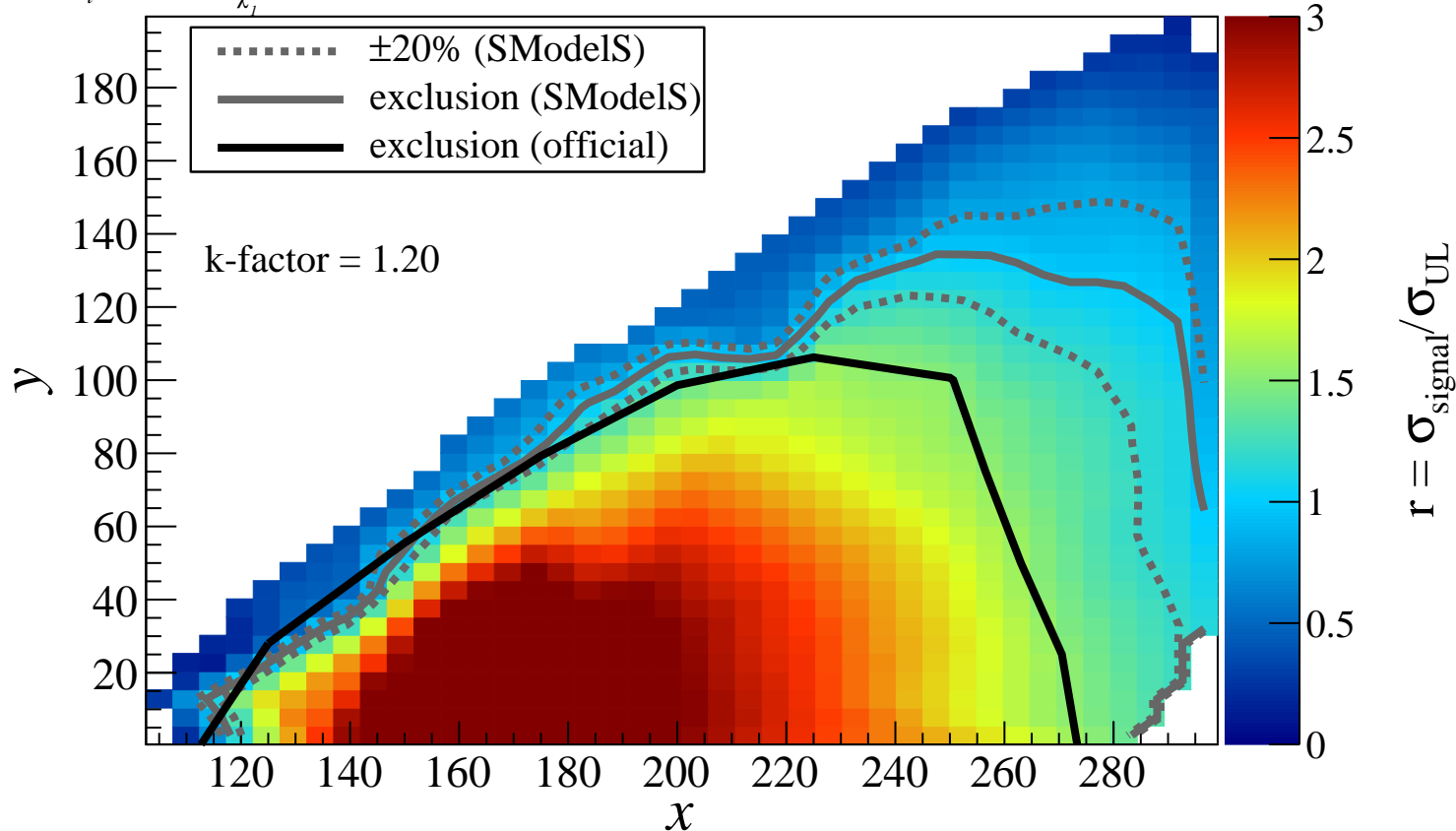# CMS-PAS-SUS-12-022 (upperLimit)

$TSlepSlep : pp \rightarrow \tilde{l}\,\tilde{l},\ \tilde{l} \rightarrow l\,\tilde{\chi}_1^0$

$Eq(m_{\tilde{l}},\, x),\ Eq(m_{\tilde{\chi}_1^0},\, y)$

- ·········· ±20% (SModelS)
- —— exclusion (SModelS)
- —— exclusion (official)

k-factor = 1.20

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

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