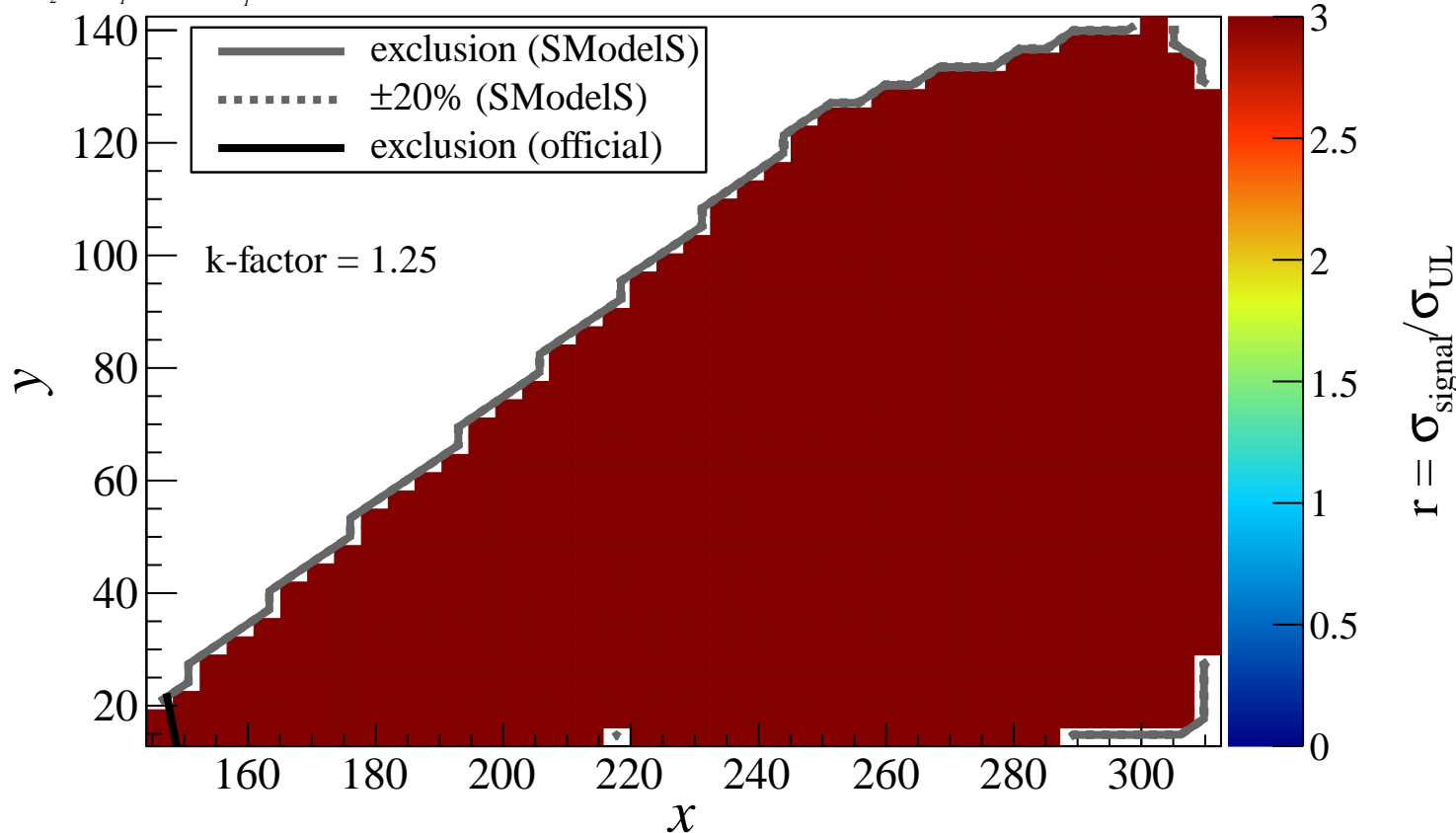# CMS-PAS-SUS-16-024 (upperLimit)

$TChiWH : pp \rightarrow \tilde{\chi}_2^0 \tilde{\chi}_1^{\pm}, \tilde{\chi}_2^0 \tilde{\chi}_1^{\pm} \rightarrow H\,W\,\tilde{\chi}_1^0\,\tilde{\chi}_1^0$

$m_{\tilde{\chi}_2^0}, m_{\tilde{\chi}_1^{\pm}} = x, m_{\tilde{\chi}_1^0} = y$

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

k-factor = 1.25

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