$TChiWH: pp \rightarrow \widetilde{\chi}_{2}^{0} \widetilde{\chi}_{1}^{\pm}, \ \widetilde{\chi}_{2}^{0} \widetilde{\chi}_{1}^{\pm} \rightarrow HW \ \widetilde{\chi}_{1}^{0} \ \widetilde{\chi}_{1}^{0}$ $m_{\widetilde{\chi}_{2}^{0}}, m_{\widetilde{\chi}_{1}^{\pm}} = x, m_{\widetilde{\chi}_{1}^{0}} = y$ 140 exclusion (SModelS) ±20% (SModelS) 120 2.5 exclusion (official) ±1σ (official) 100 k-factor = 1.2580 1.5 60 40 0.5 20 150 250 300 200 350 \mathcal{X} official plot:

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13006/Fig16_exclusion_TChiWH.png

CMS-SUS-13-006 (efficiencyMap)