ATLAS-SUSY-2014-03 (efficiencyMap) TScharm: $pp \to \tilde{c} \ \tilde{c}, \ \tilde{c} \ \to c \ \tilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle I}$

 $m_{\widetilde{c}}=x$, $m_{\widetilde{\chi}_{s}^{0}}=y$ 3 exclusion (SModelS) SModelS ±20% (SModelS) 350 2.5 exclusion (official) 300 $\sigma_{
m signal}/\sigma_{
m UI}$ 250 > 200 1.5 150 100 0.5 50 200 300 600 400 500 \mathcal{X}

http://hepdata.cedar.ac.uk/resource/1337472/thumb_figFigure2.png

official plot: