$\begin{array}{c} \text{ATLAS-SUSY-2013-12 (upperLimit)} \\ \textit{TChiChipmStauL}: pp \rightarrow \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle \gamma} \ \widetilde{\chi}^{\scriptscriptstyle \pm}_{\scriptscriptstyle \gamma} \ \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle \gamma} \ \widetilde{\chi}^{\scriptscriptstyle \pm}_{\scriptscriptstyle \gamma} \end{array} \rightarrow \tau \ \widetilde{\tau} \left(\ \nu \ \widetilde{\nu} \ \right) \tau \ \widetilde{\nu} \left(\ \nu \ \widetilde{\tau} \ \right), \ \widetilde{\tau} \rightarrow \tau \ \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle \gamma}, \ \widetilde{\nu} \rightarrow \nu \ \widetilde{\chi}^{\scriptscriptstyle 0}_{\scriptscriptstyle \gamma}, \end{array}$

 $m_{\tilde{\gamma}^0}, m_{\tilde{\gamma}^{\pm}} = x, m_{\tilde{\tau}}, m_{\tilde{\gamma}} = 0.5 * x + 0.5 * y, m_{\tilde{\gamma}^0} = y$ 220 SModelS exclusion (SModel 2.5 200 ±20% (SModelS) 180 160 k-factor = 1.2 140 1.5 120 100 80 60 0.5 40 20 250 350 150 200 300 400 450 χ

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-12/fig_07c.png

official plot: