ATLAS-SUSY-2016-33 (upperLimit)

 $T5ZZ: pp \to \widetilde{g} \ \widetilde{g}, \ \widetilde{g} \to q \ \overline{q} \ \widetilde{\chi}_{2}^{0}, \ \widetilde{\chi}_{2}^{0} \to Z \ \widetilde{\chi}_{1}^{0}$ $m_{\tilde{g}} = x$, $m_{\tilde{g}^0} = 0.5 * x + 0.5 * y$, $m_{\tilde{g}^0} = y$ 3 ±20% (SModelS) exclusion (SModelS) 1000 2.5 exclusion (official) 900 $\sigma_{
m signal}/\sigma_{
m U}$ 800 **>** 700 1.5 600 500 0.5 400 800 1800 1000 1200 1400 1600 upper limit

 \mathcal{X}