

CMS**35.9 fb⁻¹ (13 TeV)**

$$pp \rightarrow \tilde{\chi}_i^{0,\pm,0,\mp} \tilde{\chi}_j \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0 + X_{\text{soft}} \rightarrow HZ\tilde{G}\tilde{G} + X_{\text{soft}}$$

$$\text{BR}(\tilde{\chi}_1^0 \rightarrow Z\tilde{G})=0.5, \text{BR}(\tilde{\chi}_1^0 \rightarrow H\tilde{G})=0.5, m_{\tilde{\chi}_2^0} \approx m_{\tilde{\chi}_1^\pm} \approx m_{\tilde{\chi}_1^0}, m_{\tilde{G}} = 1 \text{ GeV}$$

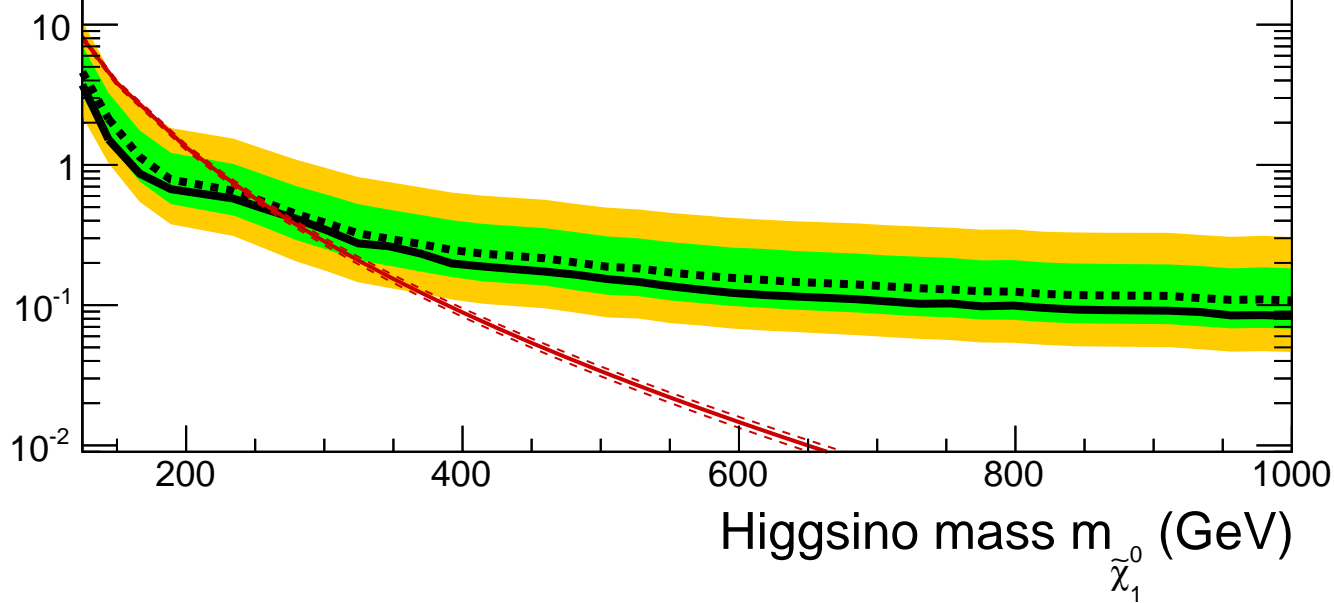
 Expected $\pm 1 \sigma_{\text{experiment}}$

 NLO+NLL $\pm 1 \sigma_{\text{theory}}$

 Expected $\pm 2 \sigma_{\text{experiment}}$

 Observed

cross section (pb)

Higgsino mass m_{χ₁⁰} (GeV)