

CMS137 fb⁻¹ (13 TeV)

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

$$B(\tilde{\chi}_1^0 \rightarrow Z \tilde{G}) = B(\tilde{\chi}_1^0 \rightarrow H \tilde{G}) = 50\%$$

$$m_{\tilde{\chi}_2^0} \approx m_{\tilde{\chi}_1^\pm} \approx m_{\tilde{\chi}_1^0}$$

$$m_{\tilde{G}} = 1 \text{ GeV}$$

— Observed limit (95% CL)

- - - Median expected limit

■ 68% expected

■ 95% expected

⋯⋯ $pp \rightarrow \tilde{\chi}_i^{0,\pm} \tilde{\chi}_j^{0,\mp}$
⋯⋯ $\sigma_{\text{theory, NLO+NLL}}$ 