

CMS35.9 fb⁻¹ (13 TeV)

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

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

$$m_{\tilde{\chi}_2^0} \approx m_{\tilde{\chi}_1^\pm} \approx m_{\tilde{\chi}_1^0}, m_{\tilde{\text{G}}} = 1 \text{ GeV}$$

 σ limit at 95% CL [pb]

- Observed
- - - Expected
- █ Expected ± 1 s.d.
- █ Expected ± 2 s.d.
- █ Theoretical $\sigma_{\text{NLO+NLL}}$

