

**CMS** *Preliminary*35.9 fb<sup>-1</sup> (13 TeV) $\sigma$  limit at 95% CL [pb]

$$pp \rightarrow \tilde{\chi}_{i}^{0,\pm} \tilde{\chi}_{j}^{0,\mp} \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0 + X_{\text{soft}} \rightarrow h Z \tilde{G} \tilde{G} + X_{\text{soft}}$$

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

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

- Observed
- - - Expected
- Expected  $\pm 1 \sigma$
- Expected  $\pm 2 \sigma$
- Theoretical  $\sigma_{\text{NLO+NLL}}$

