

137 fb⁻¹ (13 TeV)**CMS**

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

$$m(\tilde{\chi}_2^0) = m(\tilde{\chi}_1^\pm) = m(\tilde{\chi}_1^0), m(\tilde{G}) = 1 \text{ GeV}$$

95% CL Upper Limit

— Observed (boosted)

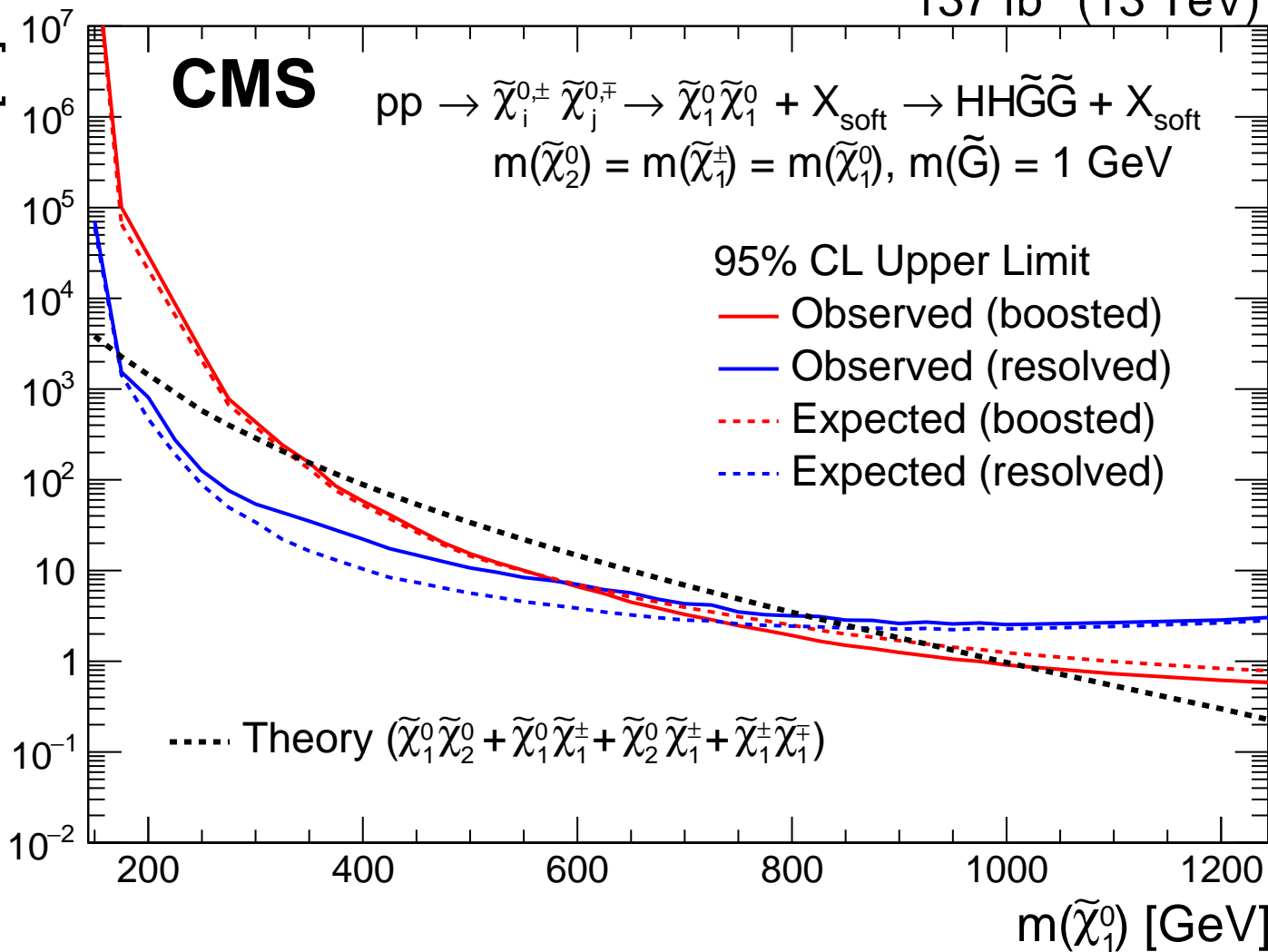
— Observed (resolved)

- - - Expected (boosted)

- - - Expected (resolved)

..... Theory ($\tilde{\chi}_1^0 \tilde{\chi}_2^0 + \tilde{\chi}_1^0 \tilde{\chi}_1^\pm + \tilde{\chi}_2^0 \tilde{\chi}_1^\pm + \tilde{\chi}_1^\pm \tilde{\chi}_1^\mp$)

Cross section [fb]

 $m(\tilde{\chi}_1^0)$ [GeV]