

CMS77.2 fb⁻¹ (13 TeV)*Preliminary*95% upper limit on σ [fb]

- Asymptotic CL_s expected
- ± 1 std. deviation
- ± 2 std. deviation
- Observed
- $\sigma_{\text{NLO+NLL}}$

 $pp \rightarrow \tilde{\tau} \tilde{\tau}, \tilde{\tau} \rightarrow \tau \tilde{\chi}_1^0, m(\tilde{\chi}_1^0) = 20 \text{ GeV}$ **Degenerate scenario**

10

10²

100

120

140

160

180

200

 $M_{\tilde{\tau}}$ [GeV]