

19.1fb⁻¹(8 TeV)

**CMS
Preliminary**

$\tilde{\chi}_1^0 \rightarrow \gamma \tilde{G}$, $\tau(\tilde{\chi}_1^0) = 6.7$ ns



SPS8 Theory LO Cross-Section



Observed 95% CL upper limit



Expected 95% CL upper limit



$\pm 1 \sigma$ Expected



$\pm 2 \sigma$ Expected

Upper Limit of $\sigma \times \text{BR}[\text{pb}]$ @ 95% CL

Λ [TeV]

Neutralino Mass [GeV/c²]

140 160 180 200 220 240 260 280 300 320

10
1
10⁻¹
10⁻²
10⁻³