

CMS Preliminary $\sqrt{s} = 8 \text{ TeV}$

$L_{\text{int}} = 19.7 \text{ fb}^{-1}$, $e/\mu + \text{bjj} + \gamma(\gamma)$

$pp \rightarrow \tilde{t}\tilde{t}^*$, $\tilde{t} \rightarrow t + \tilde{\chi}_1^0$, $\tilde{\chi}_1^0 \rightarrow \gamma + \tilde{G}$

- Observed
- Observed $\pm 1\sigma$ theory
- Expected $\pm 1\sigma$ exp.

700

600

500

400

300

200

$M_{\text{Stop}} < M_{\text{Bino}}$

$M_{\text{Stop}} - M_{\text{Bino}} < M_t$

400

600

800

$M_{\text{Stop}} [\text{GeV}]$

$M_{\text{Bino}} [\text{GeV}]$

