

CMS4.5 fb⁻¹ (7 TeV) + 19.7 fb⁻¹ (8 TeV)

11

500 GeV

400 fb

400 fb

400 fb

 $\tilde{\chi}_1^0 \tilde{\chi}_1^0$ $\tilde{q}\tilde{q}(\tilde{q} \rightarrow q\tilde{\chi}_1^\pm)^*$ $\tilde{b}\tilde{b}(\tilde{b} \rightarrow b\tilde{\chi}_1^0)$ $\tilde{\chi}_1^\pm \tilde{\chi}_2^0 (\tilde{\chi} \rightarrow V/h\tilde{\chi}_1^0)$ $\tilde{\chi}_1^\pm \tilde{\chi}_1^0 (\tilde{\chi}_1^\pm \rightarrow W^\pm \tilde{\chi}_1^0)$ $\tilde{q}\tilde{q}(\tilde{q} \rightarrow q\tilde{\chi}_1^0)$

0

0 GeV

0 fb

0 fb

0 fb

principal process

 $\langle E_T^{\text{miss}} \rangle$ $\sigma_f(E_T^{\text{miss}} > 100)$ $\sigma_f(E_T^{\text{miss}} > 200)$ $\sigma_f(E_T^{\text{miss}} > 300)$ 