

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

11

10000 fb

500 GeV

3

1

6

500 GeV

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

0

10 fb

0 GeV

0

0

0

0 GeV

principal process

 $\sigma_{\text{tot}}^{8 \text{ TeV}}$ $\langle E_T^{\text{miss}} \rangle$ $\langle n_{\text{b-jet}} \rangle$ $\langle n_{\text{lep}} \rangle$ $\langle n_{\text{jet}} \rangle$ $\langle p_T^{\text{jet1}} \rangle$ 