

CMS Preliminary

19.7 fb<sup>-1</sup> (8 TeV)

$\sigma$  [fb]

$\tilde{\chi}_1^\pm \rightarrow \tilde{\tau} \nu_\tau, \tilde{\chi}_2^0 \rightarrow \tilde{\tau} \tau, m_{\tilde{\chi}_1^\pm} - m_{\tilde{\tau}} = 5 \text{ GeV}$

$\mu\mu, e\mu, \mu\tau_h, \tau_h\tau_h$

— Observed

- - - Expected

± 1 $\sigma$ ,  $m_{\tilde{\chi}_1^\pm} - m_{\tilde{\chi}_1^0} = 50 \text{ GeV}$

± 1 $\sigma$ ,  $m_{\tilde{\chi}_1^\pm} - m_{\tilde{\chi}_1^0} = 0 \text{ GeV}$

—  $\sigma(pp \rightarrow \tilde{\chi}\tilde{\chi}jj)$  (LO)

10<sup>2</sup>

10

1

100

150

200

250

300

350

400

$m_{\tilde{\chi}_1^\pm} = m_{\tilde{\chi}_1^0}$  [GeV]

