

137.6 fb<sup>-1</sup> (13 TeV)

**CMS** *Preliminary*

## $\lambda''_{312}$ Selection

# Dense\_1200

# Normalized Events

—  $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\chi}^\pm} = 900 \text{ GeV}$  —

—  $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\chi}^{\pm}} = 800 \text{ GeV}$

- $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\chi}^\pm} = 700 \text{ GeV}$

—  $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\chi}^{\pm}} = 600 \text{ GeV}$

- $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\chi}^{\pm}} = 400 \text{ GeV}$

—  $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\chi}^{\pm}} = 1100 \text{ GeV}$

—  $m_{\tilde{t}} = 1200 \text{ GeV}, m_{\tilde{\nu}^{\pm}} = 1000 \text{ GeV}$

## 0.4

# 0.3

## 0.2

0.1

0.0

0

1

2

3

4

5

Max  $\Delta\phi$  between  $\chi$  children