

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV, $\{t\}\{t\bar{t}\}$ e/ μ +{jets}: $250 < m(\{t\}\{t\bar{t}\}) < 420$ GeV

■ CMS

— Pythia 8.313 CP5

 $\frac{1}{\sigma_{\text{norm}}} \frac{d^2\sigma(\{t\}\{t\bar{t}\})}{d\cos(\theta_{t\bar{t}}^*)} [\text{GeV}^{-1}]$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

 $\cos(\theta_{t\bar{t}}^*)$ 