

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 6.428 370
- - * Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

 $\frac{1}{\sigma_{\text{norm}}} \frac{d^2\sigma}{d\cos(\theta_{t\bar{t}}) d\eta_{t\bar{t}}} [\text{GeV}^{-1}]$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

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