

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV,  $\{t\}\{\bar{t}\}$  e/ $\mu$  +{jets}:  $250 < m(\{t\}\{\bar{t}\}) < 700$  GeV

- CMS
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- -○ Pythia 8.315 tune-2m

 $\frac{1}{\sigma_{\text{norm}}} \frac{d\sigma}{d\Delta|y_{\{t\}}|} \frac{d\sigma}{dm(\{t\}\{\bar{t}\})} [\text{GeV}^{-1}]$ Rivet 4.1.0,  $\geq 100$ k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2021\_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

 $\Delta|y_{\{t\}}|$ 