

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV, $\{t\bar{t}\}$ e/ μ +{jets}: $1000 < m(\{t\bar{t}\}) < 3500$ GeV

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

 $\frac{1}{\sigma_{\text{norm}}} \frac{d\sigma}{d\Delta|y_{\{t\bar{t}\}}|} \frac{dm(\{t\bar{t}\})}{d\Delta|y_{\{t\bar{t}\}}|} [\text{GeV}]^{-1}$ 10^{-5}
 10^{-6}
 10^{-7}

(CMS_2021_I1901295)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2
1
0.52
1
0.5

-2

0

2

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