

13000 GeV pp

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default

 $\frac{1}{\sigma_{\text{norm}}} \frac{d\sigma}{d\Delta|y_{\{t\}}|} \frac{d\sigma}{d\Delta|y_{\{\bar{t}\}}|}$ 10^{-4} 10^{-5}

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

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

-2

0

2