

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
- ◆ Sherpa 2.2.4 default

 $\frac{1}{\sigma_{\text{norm}}} \frac{\#}{\text{d}\Delta|y_{\{t\}}|} \frac{d\sigma}{d\Delta|y_{\{t\}}|} \frac{1}{\{ \{t\}\{\bar{t}\} \} \{ \text{GeV} \}^{-1}}$ Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

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