

13000 GeV pp

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

- CMS
- △ Pythia 6.426 ambt1
- Pythia 6.426 z1

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

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

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