

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV, $\{t\}\{\bar{t}\}$ e/ μ +{jets}: $80 < p_T(\{t\}_h) < 160$ GeV

- CMS
- △ Pythia 6.428 370
- - * Pythia 6.428 379
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

 $\frac{1}{\sigma_{\text{form}}} \frac{d\sigma}{dy(\{t\}_h)} \frac{d^2\sigma}{dp_T(\{t\}_h) dy(\{t\}_h)} [\text{GeV}^{-1}]$ Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

 $|y(\{t\}_h)|$ 