

CMS, 13 TeV,  $t\bar{t}$  e/ $\mu$  +{jets}:  $1 < |y(t)| < 1.5$ 

$$\left\{ \frac{1}{\sigma_{\text{norm}}} \frac{d\sigma}{dy(t)} \right\}$$

$$10^2$$

$$10$$

$$1$$

$$10^{-1}$$

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.135 default

(CMS\_2021\_I1901295)

Ratio to CMS

$$2$$

$$1$$

$$0.5$$

0

1

2

 $|y(\bar{t})|$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5