

CMS, 13 TeV,  $\{t\}\{\bar{t}\}$  e/ $\mu$  +{jets}:  $2 < |y(\{t\})| < 2.5$ 

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

$$10^{-1}$$

$$10^{-2}$$

$$10^{-3}$$

- CMS
- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ☆ Pythia 6.423 pro-q2o

(CMS\_2021\_I1901295)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

$$2$$

$$1$$

$$0.5$$

$$2$$

$$1$$

$$0.5$$

0

1

2

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