

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV, $t\bar{t}$ e/ μ +jets: $250 < m(t\bar{t}) < 700$ GeV

- CMS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.315 default

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

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

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