

13000 GeV pp

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

- CMS
- ▲ Pythia 8.235 default
- -▲ Pythia 8.235 default-CD
- -▲ Pythia 8.235 default-DL
- ...▲ Pythia 8.235 default-MBR

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

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

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