

13000 GeV pp

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

- CMS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro q20

 $\frac{1}{\sigma_{\text{norm}}} \frac{\#}{\text{d}\Delta|y_{\{t\}}/\{\bar{t}\}} \frac{d\sigma}{d\Delta|y_{\{t\}}/\{\bar{t}\}} [\text{GeV}^{-1}]$ 10^{-2} 10^{-3} 10^{-4} 10^{-5}

(CMS_2021_I1901295)

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

-2

0

2

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