

13000 GeV pp

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

■ CMS

— Pythia 8.307 eetherm

 $\frac{d\sigma}{d\Delta|y_{\{t\}}|} \frac{1}{\Delta|y_{\{t\}}|} \frac{1}{\{t\}\{\bar{t}\}}$ 10^{-1} 10^{-2} 10^{-3}

(CMS_2021_I1901295)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

2

1

1

0.5

0.5

-2

0

2

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