

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV, $\{t\}\{\bar{t}\}$ e/ μ +{jets}: $250 < m(\{t\}\{\bar{t}\}) < 420$ GeV

■ CMS

— Pythia 8.307 eetherm

$$\frac{1}{\sigma_{\text{fid}}} \frac{d^2\sigma(\{t\}\{\bar{t}\})}{dm(\{t\}\{\bar{t}\}) d|y(\{t\}\{\bar{t}\})|} [\text{GeV}^{-1}]$$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

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