

13000 GeV pp

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

■ CMS

—●— Pythia 6.427 z2

$$\frac{1}{\sigma_{\text{no tag}}} \frac{d^2\sigma}{dm(t\bar{t}) dy(t\bar{t})} \quad [\text{GeV}^{-1}]$$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

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

0

1

2