

13000 GeV pp

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

■ CMS

— Pythia 8.313 CP5

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

0.5

2

 $t\bar{t}$

0

1

2

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