

13000 GeV pp

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

- CMS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

 $\frac{1}{\sigma_{\text{norm}}} \frac{\#}{\sigma} \frac{d\sigma}{d\Delta|y_{\{t\}}|} \frac{dm(\{t\}\{\bar{t}\})}{d\Delta|y_{\{t\}}|} [\text{GeV}]^{-1}$ Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

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