

13000 GeV pp

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

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.210 default
- - ◆ Sherpa 2.2.4 default

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

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

-2

0

2

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