

13000 GeV pp

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

 $\frac{1}{\sigma_{\text{form}}} \# \frac{d^2\sigma(\{t\}\{t\bar{t}\})}{dm(\{t\}\{t\bar{t}\}) d|y(\{t\}\{t\bar{t}\})|} [\mu\text{GeV}^{-1}]$ Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

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

0

1

2