

13000 GeV pp

Top (t-channel)

CMS, 13 TeV, $\{t\}+\{\bar{t}\}$, $\{e\}/\mu + \{\text{jets}\}$

■ CMS

— Pythia 8.313 qcdcr0qq1

 $1/\sigma_{\{t+\bar{t}\}} \times d\sigma_{\{t+\bar{t}\}}/d|y|$

Rivet 4.1.0, 400k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2019_I1744604)

Ratio to CMS

2

1

0.5

Particle-level lepton $|y|$ 