

13000 GeV pp

Top (t-channel)

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

■ CMS

— Pythia 8.308 CP5

 $(d\sigma_{\{t\}}/d|y|)/(d\sigma_{\{t\}+\{\bar{t}\}}/d|y|)$

Rivet 4.1.0, 1.2M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2019_I1744604)

Ratio to CMS

2

1

0.5

Particle-level top quark $|y|$