

13000 GeV pp

Top (t-channel)

 $y(\text{lepton})$ (CMS single top) $(d\sigma_t/d|y|)/(d\sigma_{t+\text{bar}t_t}/d|y|)$

CMS

(CMS_2019_I1744604)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

0.5

2

1

0.5

2

Particle-level lepton $|y|$ 