

13000 GeV pp

Top (t-channel)

Lepton rapidity (CMS single top)

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

CMS

(CMS\_2019\_I1744604)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

0.5

1

2

0.5

1

2

Particle-level lepton  $|y|$ 