

13000 GeV pp

Top (t-channel)

 $y(\text{lepton})$ (CMS single top)

- CMS
- ▲ Pythia 8.315 default
- - * - - Pythia 8.315 tune-4c
- - □ - - Pythia 8.315 tune-4cx

Rivet 4.1.0, $\geq 1.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2019_I1744604)

Ratio to CMS

2

1

0.5

