

13000 GeV pp

Top (t-channel)

 p_T^l (CMS single top) $(d\sigma_t/dp_T)/(d\sigma_{t+\bar{t}}/dp_T)$

- CMS
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ⋯ Pythia 8.308 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.308 tune-CUETP8S1

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_I1744604

Ratio to CMS

2

2

1

1

0.5

0.5

Particle-level lepton p_T (GeV)