

13000 GeV pp

Top (t-channel)

 p_T^W (CMS single top)

- CMS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

 $(d\sigma_t/dp_T)/(d\sigma_{t+\text{bar}_t}/dp_T)$ Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_I1744604

Ratio to CMS

2

1

0.5

Particle-level W p_T (GeV)