

13000 GeV pp

Top (t-channel)

 $p_T^l$  (CMS single top) $10^{-1}$  $10^{-2}$  $10^{-3}$ 

CMS



Pythia 8.165 default

(CMS\_2019\_I1744604)

Rivet 4.1.0, 300k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

50

100

150

200

