

13000 GeV pp

 $t\bar{t}$  $p_T^{\text{top}}$  (cms2021-lh) $10^{-4}$  $10^{-5}$  $10^{-6}$  $10^{-7}$ 

CMS



Pythia 6.428 370



Pythia 6.428 391



Pythia 6.428 default



Pythia 6.428 pro-q2o

(CMS\_2021\_I1901295)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

2

1

1

0.5

0.5

0

500

1000

