

13000 GeV pp

 $t\bar{t}$  $p_T^{\text{top}}$  (cms2021-lh)

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

■ CMS

—△ Pythia 6.428 370

- -■ Pythia 6.428 default

—▲ Pythia 8.315 default

(CMS\_2021\_I1901295)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

500

1000

1500