

13000 GeV pp

 $t\bar{t}$  $m(t\bar{t})$  (cms2021-lh) $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ 

CMS



Pythia 6.425 default



Pythia 8.315 default

(CMS\_2021\_I1901295)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

1000

2000

3000