

1960 GeV ppbar

Top (parton level)

 $M(t\bar{t})$  ( $p_{Tt} > 50$ )

- Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- Pythia 8.308 tune-A14-MSTW2008LO
- Pythia 8.308 tune-A14-NNPDF2.3LO
- Pythia 8.308 tune-CUETP8S1

Rivet 3.1.10,  $\geq 2.6M$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.308 default

 $10^{-8}$  $10^{-7}$  $10^{-6}$  $10^{-5}$  $10^{-4}$  $10^{-3}$  $10^{-2}$  $10^{-1}$ 

2

1

0.5

400

600

800

1000

2

1

0.5