

7000 GeV pp

Top (parton level)

 $M(t\bar{t})$ ($p_{Tt\bar{t}} < 50$ $dy > 0$)

- 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, ≥ 2.5 M events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.308 default

200 400 600 800 1000

2

1

0.5

