

7000 GeV pp

Top (parton level)

 $p_T$  (top) ( $p_{Ttt} > 50$   $dy > 0$ )

1

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

- ▲— 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

(MC\_FBA\_TTBAR)

Rivet 3.1.10,  $\geq 3.1M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 8.308 default

2

1

0.5

2

1

0.5

0

100

200

300

400