

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-AU2
- · · ◇ · · Pythia 8.308 tune-AU2lox
- · · □ · · Pythia 8.308 tune-AU2lox
- ★— Pythia 8.308 tune-AU2m

(MC\_FBA\_TTBAR)

Rivet 3.1.10,  $\geq 3M$  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