

7000 GeV pp

Top (parton level)

$p_T$  (tbar) ( $dy > 0$ )

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

- Pythia 6.423 default
- Pythia 6.423 pro-q2o

(MC\_FBA\_TTBAR)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to Pythia 6.423 default

2

1

0.5

2

1

0.5

0

100

200

300

400

