

7000 GeV pp

Top (parton level)

$p_T$  (top) ( $M_{tt} > 450$   $dy < 0$ )

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noCR

(MC\_FBA\_TTBAR)

$10^{-4}$

2

1

0.5

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to Pythia 8.315 default

0 100 200 300 400

