

7000 GeV pp

Top (parton level)

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

- Pythia 8.244 default
- Pythia 8.244 default-noFsr
- Pythia 8.244 default-noRap

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.244 default

 $10^2$   
 $10$   
 $1$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$  $2$   
 $1$   
 $0.5$ 