

7000 GeV pp

Top (parton level)

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

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
2  
1  
0.5

- Pythia 8.315 default
- Pythia 8.315 default-noFsr
- Pythia 8.315 default-noRap

(MC\_FBA\_TTBAR)

2  
1  
0.5

0 100 200 300

Ratio to Pythia 8.315 default