

7000 GeV pp

Top (parton level)

 $y(t\bar{t})$  ( $M_{t\bar{t}} < 450$   $\text{GeV}$ )

- Pythia 8.301 default
- Pythia 8.301 default-CD
- Pythia 8.301 default-DL
- Pythia 8.301 default-MBR

Rivet 4.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.301 default

2  
1  
0.52  
1  
0.5