

7000 GeV pp

Top (parton level)

 $M(t\bar{t}b\bar{a})$  ( $p_{Tt\bar{t}} > 50$   $dy > 0$ )

- Pythia 8.315 default
- Pythia 8.315 default-CD
- Pythia 8.315 default-DL
- Pythia 8.315 default-MBR

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.315 default

