

7000 GeV pp

Top (parton level)

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

- Pythia 8.308 default
- Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

Rivet 3.1.10,  $\geq 2.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.308 default

