

7000 GeV pp

Top (parton level)

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

- Herwig 7.2.1 softTune
- Pythia 6.428 370
- Pythia 8.308 default

Rivet 3.1.10,  $\geq 2.7$  M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 softTune

