

7000 GeV pp

Top (parton level)

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

- Pythia 6.427 350
- Pythia 6.427 370
- Pythia 6.427 p0
- Pythia 6.427 p2010

Rivet 4.1.0,  $\geq 49k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.427 350

2

1

0.5

400

600

800

1000