

7000 GeV pp

Top (parton level)

 $M(t\bar{t}b\bar{a})$  ( $d\eta > 0$ )

Herwig 7.2.1 default

Rivet 3.1.10, 2.7M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Herwig 7.2.1 default

 $10^{-2}$  $10^{-1}$ 

1

2

1

0.5

2

1

0.5

400

600

800

1000