

7000 GeV pp

Top (parton level)

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

- Pythia 6.425 ambt1
- Pythia 6.425 z1
- Pythia 6.425 z2

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 6.425 ambt1

200 400 600 800 1000

2

1

0.5