

1960 GeV ppbar

Top (parton level)

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

- Pythia 6.428 370
- Pythia 6.428 379
- Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 6.428 370

0.5

2

1

2

1

0.5

200

400

600

800

1000

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 10^{-6} 10^{-7}