

7000 GeV pp

Top (parton level)

 $y(t\bar{t})$ ($M_{t\bar{t}} < 450$ GeV $\Delta y < 0$)

- Pythia 6.428 370
- Pythia 6.428 default
- Pythia 8.201 default

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Pythia 6.428 370

10^2

10

1

10^{-1}

10^{-2}

10^{-3}

10^{-4}

2

1

0.5

-2

0

2