

7000 GeV pp

Top (parton level)

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

Pythia 6.425 default
Pythia 8.244 default

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

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 6.425 default

 10^2
 10
 1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4} 2
1
0.5

-2

0

2

2
1
0.5