

7000 GeV pp

Top (parton level)

$M(t\bar{t})$ ($p_{Tt\bar{t}} < 50$ $d_{y} > 0$)

- Pythia 6.423 default
- Pythia 6.423 pro-q2o

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_FBA_TTBAR)

Ratio to Pythia 6.423 default

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

2
1
0.5

400

600

800

1000

