

7000 GeV pp

Top (parton level)

 $p_T(\text{top}) (dy > 0)$

1

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

- Pythia 6.427 370
- Pythia 6.427 default
- Pythia 6.427 pro-q2o

(MC_FBA_TTBAR)

2

1

0.5

0

100

200

300

400

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to Pythia 6.427 370

0

100

200

300

400

500

0

100

200

300

400

500