

7000 GeV pp

Top (parton level)

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

1

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

- Pythia 6.428 359
- Pythia 6.428 370
- Pythia 6.428 a
- Pythia 6.428 dw
- Pythia 6.428 p0
- Pythia 6.428 pro-q2o

(MC_FBA_TTBAR)

2

1

0.5

0

100

200

300

400

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to Pythia 6.428 359

0

100

200

300

400

500