

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($M_{tt} > 450$ dy < 0)

- Pythia 8.212 default
- Pythia 8.212 default-noFsr
- Pythia 8.212 default-noRap

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.212 default

2

1

0.5

0 1 2 3

