

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar)

- Pythia 8.212 default
- Pythia 8.212 tune-A14-CTEQL1
- Pythia 8.212 tune-A14-MSTW2008LO
- Pythia 8.212 tune-A14-NNPDF2.3LO
- Pythia 8.212 tune-CUETP8S1

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.212 default

0.5

2

1

10

 10^2 10^3

0

1

2

3

0.5

2

1