

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($p_{Tt\bar{t}} < 50$ dy > 0) 10^3

- ▲— Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- -△- - Pythia 8.315 tune-CUETP8S1

 10^2

10

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

 10^{-1}

(MC_FBA_TTBAR)

Ratio to Pythia 8.315 default

2

2

1

1

0.5

0.5

0

1

2

3

