

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($p_{Ttt} > 50$)

- Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- Pythia 8.308 tune-A14-MSTW2008LO
- Pythia 8.308 tune-A14-NNPDF2.3LO
- Pythia 8.308 tune-CUETP8S1

 10^2

10

1

2

1

0.5

Rivet 3.1.10, $\geq 2.5M$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

2

1

0.5

Ratio to Pythia 8.308 default

0

1

2

3