

7000 GeV pp

Top (parton level)

 $\Delta\phi$  (ttbar) (Mtt > 450)

- ▲— 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<sup>3</sup>

10<sup>2</sup>

10

1

2

1

0.5

Ratio to Pythia 8.308 default

Rivet 3.1.10, ≥ 3.1M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

2

1

0.5

0 1 2 3

