

7000 GeV pp

Top (parton level)

 $\Delta\phi$  (ttbar) ( $d\gamma > 0$ )

- 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

 $10^3$  $10^2$ 

10

1

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

2

1

0.5

2

1

0.5

0

1

2

3

Ratio to Pythia 8.315 default

