

7000 GeV pp

Top (parton level)

$\Delta\phi$  (ttbar) (Mtt < 450 dy > 0)

- Pythia 8.301 default
- Pythia 8.301 tune-A14-CTEQL1
- Pythia 8.301 tune-A14-MSTW2008LO
- Pythia 8.301 tune-A14-NNPDF2.3LO
- Pythia 8.301 tune-CUETP8S1

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.301 default

10<sup>3</sup>  
10<sup>2</sup>  
10  
1  
2  
1  
0.5

10<sup>3</sup>  
10<sup>2</sup>  
10  
1  
2  
1  
0.5

