

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $M_{tt} > 450$ )

- Pythia 8.308 default
- Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

Rivet 3.1.10,  $\geq 2.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.308 default

 $10^{-3}$  $10^{-2}$  $10^{-1}$ 

1

10

 $10^2$ 

2

1

0.5

2

1

0.5

0

1

2

3