

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) (pTtt > 50 dy > 0)

- Pythia 8.308 default
- Pythia 8.308 tune-AU2
- Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2loxx
- Pythia 8.308 tune-AU2m

1

 $10^{-1}$  $10^{-2}$ Rivet 3.1.10,  $\geq 2.6M$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.308 default

2

1

0.5

2

1

0.5

0

1

2

3