

1960 GeV ppbar

Top (parton level)

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

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

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

Ratio to Pythia 8.308 default

-0.5

0

0.5

1

1.5

0

1

2

3

0.5

1

2

2

2

2

2

2

2

2

2

2

2

2

2

2