

7000 GeV pp

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

 10^3 10^2

10

1

(MC_FBA_TTBAR)

2

1

0.5

0

1

2

3

Rivet 3.1.10, ≥ 2.4 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to Pythia 8.308 default

