

1960 GeV ppbar

Top (parton level)

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

- Pythia 8.308 default
- Pythia 8.308 default-noCR

Rivet 3.1.10,  $\geq 2.1$  M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.308 default

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

2

1

0.5

2

1

0.5

0

1

2

3