

$\Delta\phi$  (ttbar) ( $p_{Tt\bar{t}} < 50$  dy  $> 0$ )

- Pythia 8.308 default
- Pythia 8.308 default-CD
- Pythia 8.308 default-DL
- Pythia 8.308 default-MBR

 $10^3$  $10^2$ 

10

1

 $10^{-1}$ Rivet 3.1.10,  $\geq 3.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

2

2

1

1

0.5

0.5

0

1

2

3

Ratio to Pythia 8.308 default

