

7000 GeV pp

Top (parton level)

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

- Pythia 8.308 default
- Pythia 8.308 vincia-default

 $10^3$  $10^2$ 

10

1

Rivet 3.1.10,  $\geq 2.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

2

1

0.5

2

1

0.5

Ratio to Pythia 8.308 default

