

7000 GeV pp

Top (parton level)

 $\Delta\phi$  (ttbar) ( $d\gamma > 0$ )

- Pythia 6.426 default
- Pythia 6.426 pro-q2o

 $10^3$  $10^2$ 

10

1

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

2

1

0.5

2

1

0.5

Ratio to Pythia 6.426 default

0

1

2

3