

1960 GeV ppbar

Top (parton level)

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

- Pythia 6.423 default
- Pythia 6.423 pro-q2o

$10^2$

$10$

$1$

$10^{-1}$

$10^{-2}$

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.423 default

2

1

0.5

2

1

0.5

0

1

2

3