

7000 GeV pp

Top (parton level)

$\Delta\phi$  (ttbar) ( $M_{tt} > 450$  dy < 0)

- Pythia 8.315 default
- Pythia 8.315 default-noCR

$10^3$   
 $10^2$   
10  
1  
 $10^{-1}$   
2  
1  
0.5

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]

2  
1  
0.5

(MC\_FBA\_TTBAR)

Ratio to Pythia 8.315 default

