

7000 GeV pp

Top (parton level)

$\Delta\phi$  (ttbar) (Mtt < 450 dy < 0)

- Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- Pythia 6.428 pro-q2o

10<sup>3</sup>  
10<sup>2</sup>  
10  
1  
2  
1  
0.5

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

2  
1  
0.5

0 1 2 3

Ratio to Pythia 6.428 370

