

7000 GeV pp

Top (parton level)

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

- △— Pythia 6.428 370
- ⋯△⋯ Pythia 6.428 373
- -○- - Pythia 6.428 374
- ⋯○⋯ Pythia 6.428 375
- -△- - Pythia 6.428 381
- -▽- - Pythia 6.428 382

 $10^2$ 

10

1

(MC\_FBA\_TTBAR)

2

1

0.5

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

Ratio to Pythia 6.428 370

0 1 2 3