

13000 GeV pp

 $t\bar{t}$  $\Delta\phi$  (ttbar) (cms2018-ttbardif)

- CMS
- △— Pythia 6.428 370
- - \* - - Pythia 6.428 378
- - \* - - Pythia 6.428 379

 $10^4$  $10^3$  $10^2$ 

10

2

1

0.5

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2018\_I1703993)

2

1

0.5

Ratio to CMS

0

1

2

3