

13000 GeV pp

 $t\bar{t}$  $\Delta\phi(t\bar{t}b\bar{a})$  (ATLAS  $t\bar{t}b\bar{a}$ )

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - . - . □ - - Pythia 6.428 default
- ▲— Pythia 8.315 default

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

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2020\_I1801434)

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 1 2 3

