

13000 GeV pp

 $t\bar{t}$  $\Delta\phi(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ )

- ATLAS
- △ Pythia 6.428 370
- - \* Pythia 6.428 378
- - \* Pythia 6.428 379

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

Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 1 2 3

