

13000 GeV pp

 $t\bar{t}$  $p_T^{\text{top}}$  (ATLAS semileptonic  $t\bar{t}$ )

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.315 default

10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$

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

(ATLAS\_2019\_I1750330)

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0

500

1000

