

13000 GeV pp

$t\bar{t}$

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

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

$10^{-3}$   
 $10^{-4}$   
 $10^{-5}$

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

0 200 400 600 800

