

13000 GeV pp

 $t\bar{t}$  $t\bar{t}H\bar{t}\bar{t}$  (atlas2022-lh)Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2022\_I2037744)

■ ATLAS  
▲ Pythia 8.315 default  
▼ Pythia 8.315 tune-AU2  
◇ Pythia 8.315 tune-AU2lox  
□ Pythia 8.315 tune-AU2loxx  
★ Pythia 8.315 tune-AU2m

Ratio to ATLAS

0.5

1

2

0.5

1

2

500

1000

1500

2000

2500