

13000 GeV pp

$t\bar{t}$

$\chi$  ( $t\bar{t}$ bar) (ATLAS semileptonic  $t\bar{t}$ bar)

- ATLAS
- ▲ Pythia 8.308 default
- -▼ Pythia 8.308 tune-AU2
- · -◇ Pythia 8.308 tune-AU2lox
- · -□ Pythia 8.308 tune-AU2lox
- · -★ Pythia 8.308 tune-AU2m

$1 / \sigma d^2\sigma / dN^{jets} d\chi^{t\bar{t}bar}$

Rivet 3.1.10,  $\geq 2.8M$  events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1750330

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

$\chi^{t\bar{t}bar} N^{jets} = 6$

