

13000 GeV pp

$t\bar{t}$

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.308 default

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

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

ATLAS\_2019\_I1750330

Ratio to ATLAS

2  
1  
0.5

$|y^{t\bar{t}}| N^{jets} = 4$

