

13000 GeV pp

 $t\bar{t}$  $y(t\bar{t})$  (ATLAS semileptonic  $t\bar{t}$ ) $1/\sigma d^2\sigma / dN^{\text{jets}} d|y^{\text{t}\bar{t}}|$ 

- ATLAS
- - ○ - - Pythia 6.426 atlas-csc
- - \* - - Pythia 6.426 d6t
- - □ - - Pythia 6.426 default
- - ▼ - - Pythia 6.426 dw
- - ○ - - Pythia 6.426 p0

1

 $10^{-1}$ Rivet 3.1.10,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1750330

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y^{\text{t}\bar{t}}| N^{\text{jets}} = 5$