

13000 GeV pp

Jets

Forward jets,  $500 < p_{\text{T}}^{\text{jet}} < 600$  [GeV]

- ATLAS
- - ■ Pythia 6.425 default
- - ☆ Pythia 6.425 pro-q2o

fraction/bin

$10^3$

$10^2$

10

1

$10^{-1}$

2

1

0.5

Rivet 4.1.0,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $r$ 

(ATLAS\_2019\_I1740909)

Ratio to ATLAS