

7000 GeV pp

Jets

HT (anti- $k_T(0.4)$ ,  $N_{\text{jet}} \geq 4$ ) $d\sigma(N_{\text{jet}} \geq 4) / dH_T$  [pb/GeV]

10<sup>2</sup>

10

1

10<sup>-1</sup>

- ATLAS
- - ■ Pythia 6.423 default
- - \* Pythia 6.423 pro-q2o

ATLAS\_2011\_S9128077

Rivet 3.1.0,  $\geq 7.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

 $H_T$  [GeV]