

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($|\eta| < 2.5$, $p_{\text{T}} > 0.1$ GeV)

- ATLAS
- - ■ Pythia 6.423 default
- - ☆ Pythia 6.423 pro-q2o

5

4

3

2

1

0

(ATLAS_2010_I879407)

Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15

20