

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$  vs  $p_{\text{T}}^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_{\text{T}} > 0.5$  GeV)

- ATLAS
- △ Pythia 6.427 370
- -■ Pythia 6.427 default
- ...☆ Pythia 6.427 pro-q2o

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}$  (leading track) [GeV]