

7000 GeV pp

Underlying Event

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

- ATLAS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

Rivet 3.1.10,  $\geq 2.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

0

1

2

 $|\eta|$  (leading track)