

7000 GeV pp

Underlying Event

Toward $\langle p_T \rangle$ vs. N_{chg} , $\sqrt{s} = \{7 \text{ TeV}\}$ $\langle p_T \rangle [\text{GeV}]$

- ATLAS
- △ Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲ Pythia 8.135 default

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

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

 N_{chg}

0

10

20

30