

900 GeV pp

Underlying Event

Average  $p_T$  vs  $N_{ch}$  (TWRD) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.186 default

Rivet 3.1.0,  $\geq 7.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

2

1

0.5

 $\langle p_T \rangle$  [GeV]

3

2.5

2

1.5

1

0.5

Ratio to ATLAS

2

1

0.5

0

5

10

15

20

 $N_{chg}$ 