

7000 GeV pp

Underlying Event

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

- ATLAS
- - ■ Pythia 6.427 359
- - △ Pythia 6.427 370
- - ▲ Pythia 6.427 a
- - ▼ Pythia 6.427 dw
- - ○ Pythia 6.427 p0
- - ☆ Pythia 6.427 pro-q20

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

 N_{chg} $\langle p_T \rangle$ [GeV]

2.5

2

1.5

1

0.5

0

10

20

30