

7000 GeV pp

Underlying Event

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

- ATLAS
- - ○ - - Pythia 6.425 atlas-csc
- - * - - Pythia 6.425 d6t
- - □ - - Pythia 6.425 default
- - ▼ - - Pythia 6.425 dw
- - ○ - - Pythia 6.425 p0

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} 