

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 6.425 350
- - -▲- - - Pythia 6.425 351
- · -▼- · - Pythia 6.425 352
- △····· Pythia 6.425 353
- - -○- - - Pythia 6.425 354
- - -☆- - - Pythia 6.425 355
- Pythia 6.425 356
- · -●- · - Pythia 6.425 357
- Pythia 6.425 358
- - -■- - - Pythia 6.425 359

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} 