

900 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 6.427 350
- -▲- - Pythia 6.427 351
- -▼- - Pythia 6.427 352
- -△- - Pythia 6.427 353
- -○- - Pythia 6.427 354
- -☆- - Pythia 6.427 355
- -□- - Pythia 6.427 356
- -●- - Pythia 6.427 357
- -●- - Pythia 6.427 358
- -■- - Pythia 6.427 359

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

 N_{chg} 