

7000 GeV pp

Underlying Event

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

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . - . Pythia 6.428 default
- ▲— Pythia 8.201 default

Rivet 3.1.0, $\geq 7.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle p_T \rangle$ [GeV]2.5
2
1.5
1
0.5

Ratio to ATLAS

2
1
0.5

0

10

20

30

 N_{chg}

0.5

2