

7000 GeV pp

Underlying Event

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

- ATLAS
- - - ■ Pythia 6.426 default
- - - * Pythia 6.426 pro-q2o

Rivet 3.1.0, $\geq 7.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

2

1

0.5

 $\langle p_T \rangle$ [GeV]2.5
2
1.5
1
0.5
0

Ratio to ATLAS

2
1
0.5

0

10

20

30

 N_{chg} 