

7000 GeV pp

Underlying Event

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

- ATLAS
- \*- Pythia 6.425 355
- ⋯□ Pythia 6.425 356
- △ Pythia 6.425 ambt1
- Pythia 6.425 z2

Rivet 3.1.0,  $\geq 7.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

2

1

0.5

 $N_{chg}$  $\langle p_T \rangle$  [GeV]3  
2.5  
2  
1.5  
1  
0.5  
2  
1  
0.5

0

10

20

30

Ratio to ATLAS

 $N_{chg}$ 