

7000 GeV pp

Underlying Event

Average Charged Particle Density(AWAY) ($|\eta| < 2.5, p_T > 0.1$ GeV)

- ATLAS
- *- Pythia 6.426 355
- *- Pythia 6.426 356
- *- Pythia 6.426 ambt1
- *- Pythia 6.426 z2

Rivet 3.1.0, ≥ 6.7 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$

6

5

4

3

2

1

0

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15

20

 p_T (leading track) [GeV]