

900 GeV pp

Underlying Event

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

- ATLAS
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$ Rivet 3.1.0, $\geq 8.8\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

mcplots.cern.ch [arXiv:1306.3436]

2.5

2

1.5

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

2

4

6

8

10

 p_T (leading track) [GeV]

2

1

1

1

1

1

1

1

1