

7000 GeV pp

Underlying Event

Average Charged Particle Density(AWAY) ($|\eta| < 2.5, p_T > 0.5$ GeV)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.186 default

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

3.5
3
2.5
2
1.5
1
0.5
0

Rivet 3.1.0, ≥ 7.5 M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2
1
0.5

2
1
0.5

 p_T (leading track) [GeV]

0 5 10 15 20

