

7000 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default

Rivet 3.1.0, ≥ 14 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

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

3
2.5
2
1.5
1
0.5
0

2
1
0.5

Ratio to ATLAS

0 5 10 15 20

p_T (leading track) [GeV]

