

7000 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.130.p1 default

Rivet 3.1.0, 7.2M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

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

Ratio to ATLAS

0.5

2

1

2

3

4

5

6

0

5

10

15

20

 $p_T$  (leading track) [GeV]

0.5

2

1

2

3

4

5

6