

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.301 default
- ◆ Sherpa 1.2.3 default

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$ Rivet 3.1.0, ≥ 6.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

Ratio to ATLAS

0.5

0.5

1

1

2

2

0.5

0.5

1.5

1.5

2.5

2.5

3.5

3.5

4

4

2

4

6

8

10

 p_T (leading track) [GeV]