

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.135 default
- - ◆ Sherpa 1.4.2 default

Rivet 3.1.0, ≥ 6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

2

4

6

8

10

 p_T (leading track) [GeV]