

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.1.0 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.2.2p default

5

4

3

2

1

0

2

1

0

2

1

0

ATLAS_2010_S8894728

Rivet 3.1.0, ≥ 7.4 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

1

2

2

1

0.5

 p_T (leading track) [GeV]

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