

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.209 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0,  $\geq 7.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

