

900 GeV pp

Underlying Event

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

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.212 default
- ...◆ Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $p_T$  (leading track) [GeV]