

900 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.0.0 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 1.3.0 default

 $\langle d^2 N_{\text{chg}}/d\eta d\phi \rangle$ Rivet 3.1.0,  $\geq 6.9\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

