

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 1.2.3 default

Rivet 3.1.0,  $\geq 7M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

