

7000 GeV pp

Underlying Event

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

- ATLAS
- +— Epos 1.99.crmc.1.3 lhc
- - □ Herwig 7.2.0 default
- ▲— Pythia 8.301 default
- · · · ◆ · · · Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 5.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

