

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.1.0 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 7.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

2

2

0.5

 $p_T$  (leading track) [GeV]

0 5 10 15 20