

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.1.1 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 1.4.1 default

6  
5  
4  
3  
2  
1  
0

Rivet 3.1.0, ≥ 6.8M events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 5 10 15 20  
 $p_T$  (leading track) [GeV]

