

900 GeV pp

Underlying Event

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

- ATLAS
- Herwig 7.2.0 default
- ▲--- Pythia 8.165 default
- ◆--- Sherpa 1.3.1 default

Rivet 3.1.0,  $\geq 6M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

0.5

0.5

 $p_T$  (leading track) [GeV]