

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.201 default
- ◆ Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 6.9M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

Ratio to ATLAS

0.5

0.5

1

1

2

2

3.5

3.5

2.5

2.5

1.5

1.5

0.5

0.5

2

4

6

8

10

 $p_T$  (leading track) [GeV]