

900 GeV pp

Underlying Event

 $\langle p_T \rangle$  density wrt  $\phi$  of leading track ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 1.5$  GeV)

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- ◆··· Sherpa 2.2.9 default

0.8

0.6

0.4

0.2

(ATLAS\_2010\_I879407)

Rivet 4.1.0,  $\geq 2.1$  M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1

2

3