

900 GeV pp

Underlying Event

 $\langle p_T \rangle$  density wrt  $\phi$  of leading track ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 1$  GeV)

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 1.4.2 default

Rivet 3.1.0,  $\geq 6M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

2

0.5

2

0

1

2

3

 $|\phi_{\text{left}} - \phi_{\text{right}}|$  (w.r.t. leading track) [rad]