

900 GeV pp

Underlying Event

 $\langle p_T \rangle$ density wrt ϕ of leading track ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 2$ GeV)

- ATLAS
- ▲ Pythia 8.301 default
- ◆ Sherpa 1.3.0 default

Rivet 3.1.0, ≥ 6.9 M 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

3

0

1

2

3

 $|\phi_{left} - \phi_{right}|$ (w.r.t. leading track) [rad] $\langle d^2 p_T / d\eta d\phi \rangle$