

7000 GeV pp

Underlying Event

 $\langle p_T \rangle$ density wrt ϕ of leading track ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 5$ GeV)

- ATLAS
- Herwig 7.2.0 default
- ▲-- Pythia 8.170 default
- ...◆... Sherpa 2.1.0 default

5

4

3

2

1

0

ATLAS_2010_S8894728

Rivet 3.1.0, ≥ 5.4 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|\phi|$ (w.r.t. leading track) [rad]