

7000 GeV pp

Underlying Event

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

- ATLAS
- Herwig 7.2.0 default
- ▲--- Pythia 8.205 default
- ◆--- Sherpa 1.2.2p default

Rivet 3.1.0, ≥ 5.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

1.2
1
0.8
0.6
0.4
0.2
0

2
1
0.5

left| ϕ |right| (w.r.t. leading track) [rad]