

7000 GeV pp

Underlying Event

 p_T density vs. $\Delta\phi$, $p_T^{\text{trk1}} > 5.0$ GeV, $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.201 default
- ...◆... Sherpa 1.3.0 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

2

1

0.5

 $\# \langle d^2 p_T / d\eta d\phi \rangle$

Ratio to ATLAS

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