900 GeV pp — Underlying Event

N_{chg} density vs. $\Delta\phi$, $p_T^{trk1} > 2.5$ GeV, $\sqrt{s} = \{900$ GeV$\}$

- ■ ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

$\#\langle d^2 N_{chg}/d\eta d\phi \#\rangle$

(ATLAS_2010_I879407)

Rivet 4.1.0, ≥ 3.2M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

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