900 GeV pp

Underlying Event

Away N_{chg} density vs. p_T^{trk1}, $\sqrt{s} = \{900 \text{ GeV}\}$

■ 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, ≥ 3.8M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

p_T (leading track) [GeV]