7000 GeV pp — Underlying Event

Toward N_{chg} density vs. p_T^{trk1}, $\sqrt{s}$ = {7 TeV}

- ■ ATLAS
- ▫ Herwig 7.2.1 default
- ▲ Pythia 8.315 default

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

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

p_T (leading track) [GeV]