900 GeV pp — Underlying Event

N_{chg} density vs. $\Delta\phi$, $p_T^{trk1} > 1.5$ GeV, $\sqrt{s} = \{900$ GeV$\}$

- ATLAS
- Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- Pythia 6.428 pro-q2o

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

Rivet 4.1.0, $\geq$ 3.9M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

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