900 GeV pp

Underlying Event

N_{chg} density vs. $\Delta\phi$, $p_T^{trk1} > 2.0$ GeV, $\sqrt{s} = \{900$ GeV$\}$

- ATLAS
- Pythia 6.428 350
- Pythia 6.428 370
- Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

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

Rivet 4.1.0, $\geq$ 3.1M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

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