

7000 GeV pp

Underlying Event

 N_{chg} density vs. $\Delta\phi$, $p_T^{\text{trk1}} > 1.0$ GeV, $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- Pythia 6.427 359
- △- Pythia 6.427 370
- ▲- Pythia 6.427 a
- ▼- Pythia 6.427 dw
- Pythia 6.427 p0
- ☆- Pythia 6.427 pro-q2o

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

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