

900 GeV pp

Underlying Event

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

- ATLAS
- △— Pythia 6.428 370
- -▲- - Pythia 6.428 371
- ·▼· - Pythia 6.428 372
- ·●· - Pythia 6.428 376

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

1.2

1

0.8

0.6

0.4

0.2

2

1

0.5

Rivet 4.1.0, $\geq 3.2\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

2

1

0.5

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