

900 GeV pp

Underlying Event

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

■ ATLAS

— Pythia 8.307 eetherm

Rivet 4.1.0, 1.1M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

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