

7000 GeV pp

Underlying Event

 p_T density vs. $\Delta\phi$, $p_T^{\text{trk1}} > 3.0$ GeV, $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- △— Pythia 6.427 370
- - - □ - - - Pythia 6.427 default
- ... ☆ ... Pythia 6.427 pro-q2o

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

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