

7000 GeV pp

Underlying Event

 p_T density vs. $\Delta\phi$, $p_T^{\text{trk1}} > 2.0$ GeV, $\sqrt{s} = \{7 \text{ TeV}\}$

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

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