

7000 GeV pp

Underlying Event

 p_T density vs. $\Delta\phi$, $p_T^{\text{trk1}} > 5.0$ GeV, $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ - - Herwig 7.2.1 default
- △ - Pythia 6.427 370
- ▲ - Pythia 8.315 default
- ◆ - Sherpa 2.2.9 default

(ATLAS_2010_1879407)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

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