13000 GeV pp               Underlying Event

Mean charged-particle multiplicity density, $p_T^{lead} > \{1 \text{ GeV}\}$

- ■ ATLAS
- Epos 1.99.crmc.1.2 default
- Epos 1.99.crmc.1.2 lhc
- Pythia 8.315 default

Rivet 4.1.0, ≥ 500k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

$\#\langle N_{ch} / \delta\eta\# \delta\phi\#\rangle$

Ratio to ATLAS

$|\Delta \phi|$ [degrees]