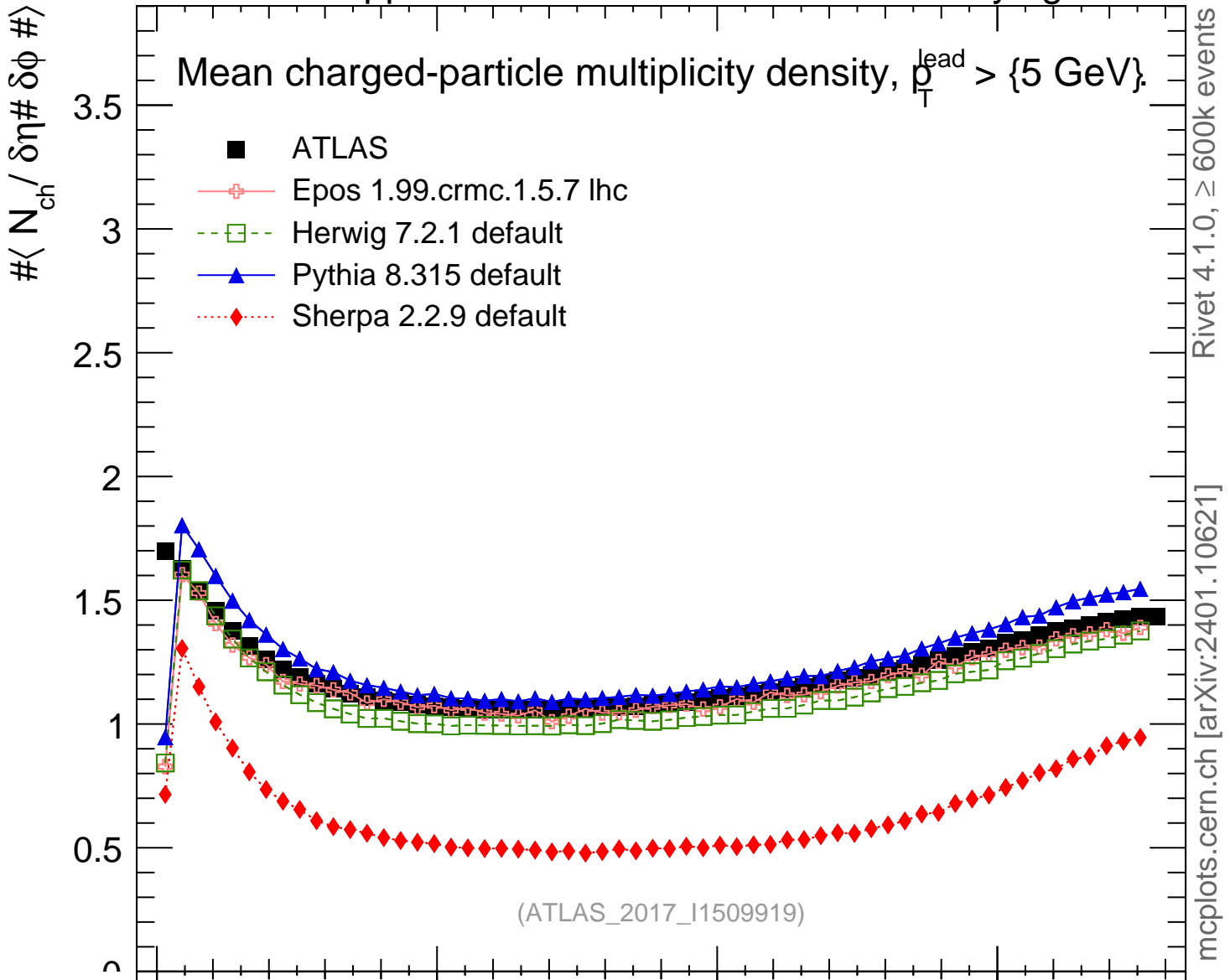


13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $p_T^{\text{lead}} > \{5 \text{ GeV}\}$

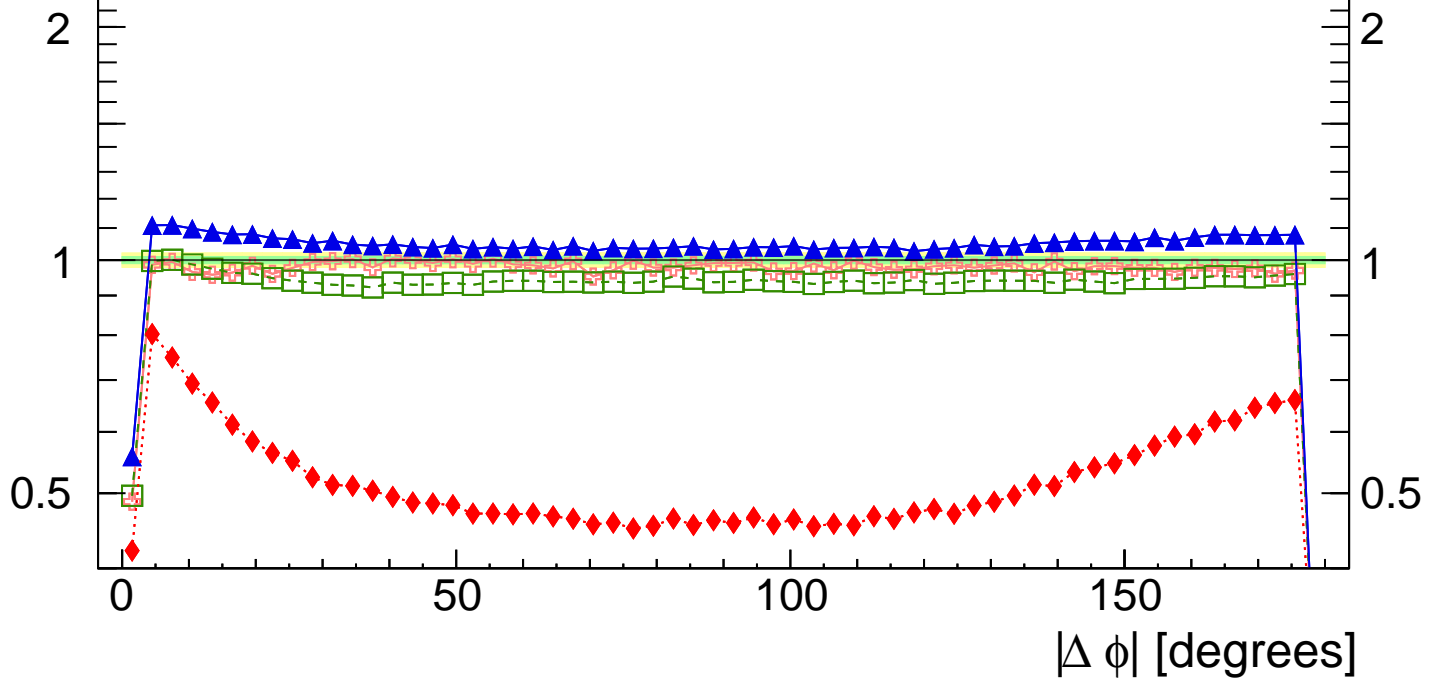
- ATLAS
- +— Epos 1.99.crmc.1.5.7 lhc
- - □ - - Herwig 7.2.1 default
- ▲— Pythia 8.315 default
- · - · ◆ - · Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 600k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS



2

1

0.5

 $|\Delta\phi|$ [degrees]