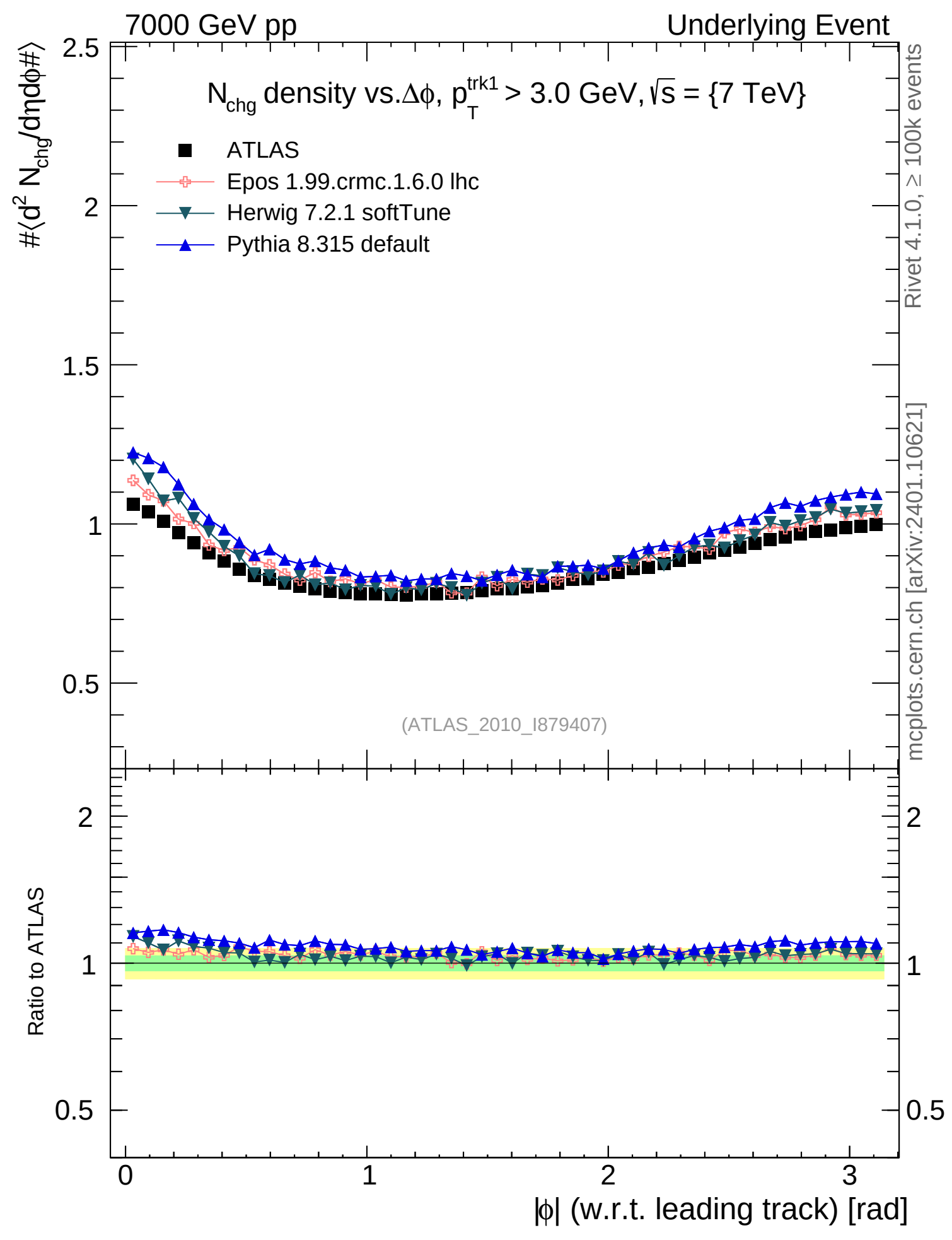

7000 GeV pp
Underlying Event
N_{chg} density vs.$\Delta\phi$, $p_T^{trk1} > 3.0$ GeV, $\sqrt{s}$ = {7 TeV}
ATLAS
Epos 1.99.crmc.1.6.0 lhc
Herwig 7.2.1 softTune
Pythia 8.315 default
(ATLAS_2010_I879407)
#⟨d² N_chg/dηdφ#⟩
Ratio to ATLAS
|φ| (w.r.t. leading track) [rad]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]