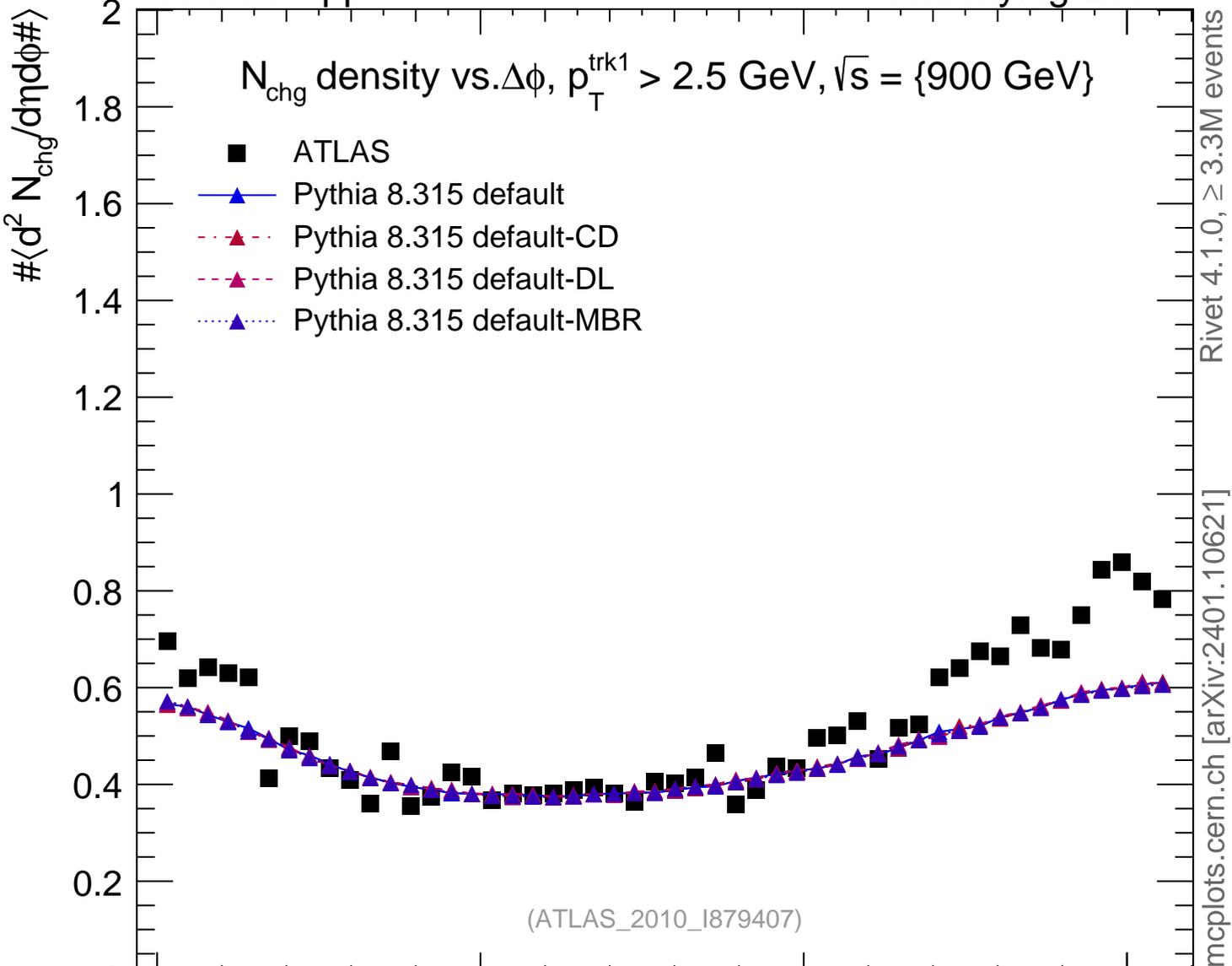


900 GeV pp

Underlying Event

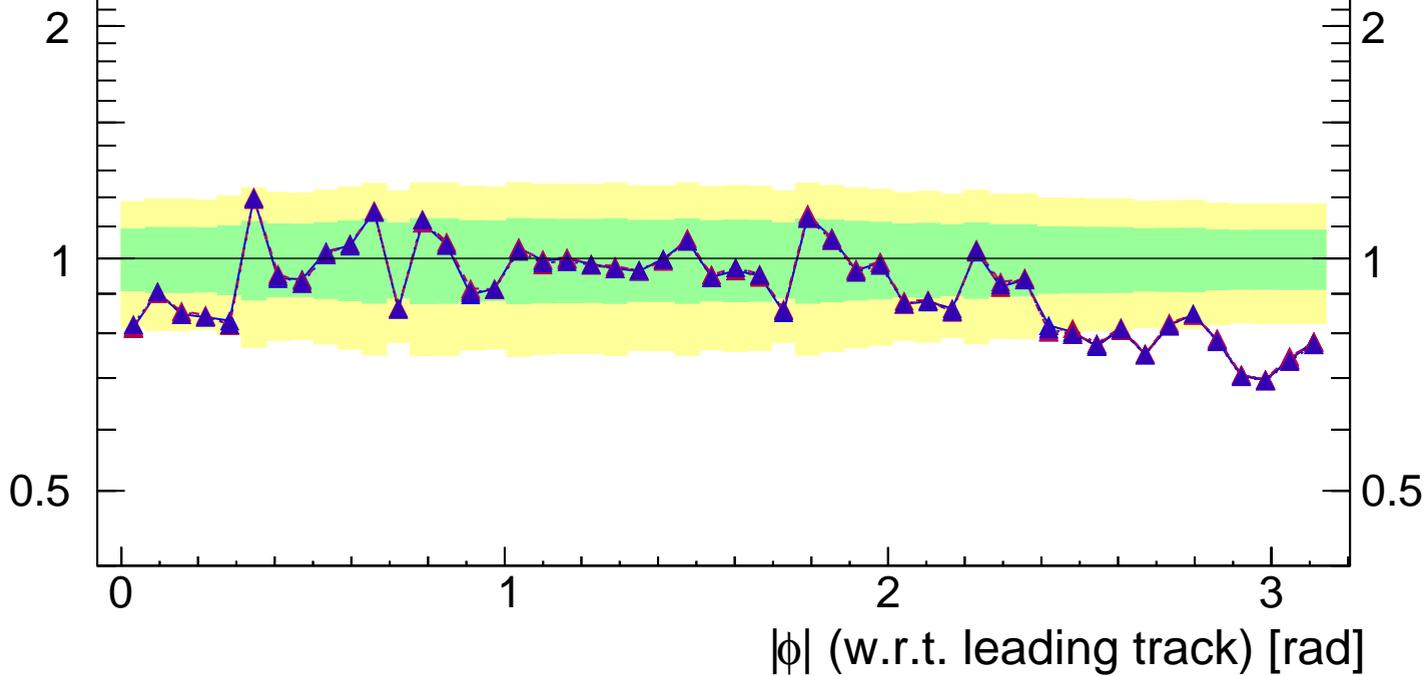
 N_{chg} density vs. $\Delta\phi$, $p_{\text{T}}^{\text{trk1}} > 2.5 \text{ GeV}$, $\sqrt{s} = \{900 \text{ GeV}\}$

- ATLAS
- ▲ Pythia 8.315 default
- -▲ Pythia 8.315 default-CD
- -▲ Pythia 8.315 default-DL
- ⋯▲ Pythia 8.315 default-MBR

Rivet 4.1.0, $\geq 3.3\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS



2

1

0.5

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