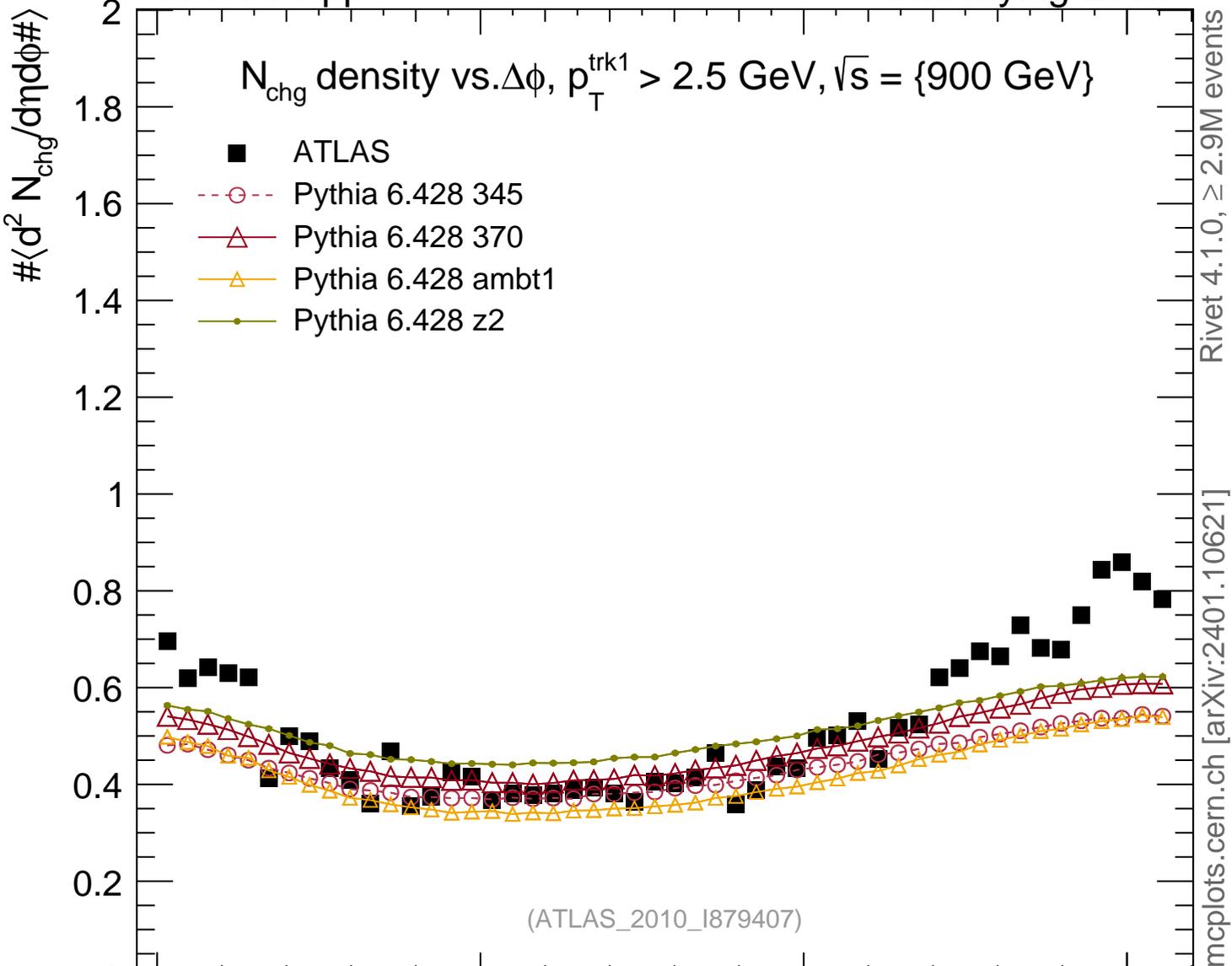


900 GeV pp

Underlying Event

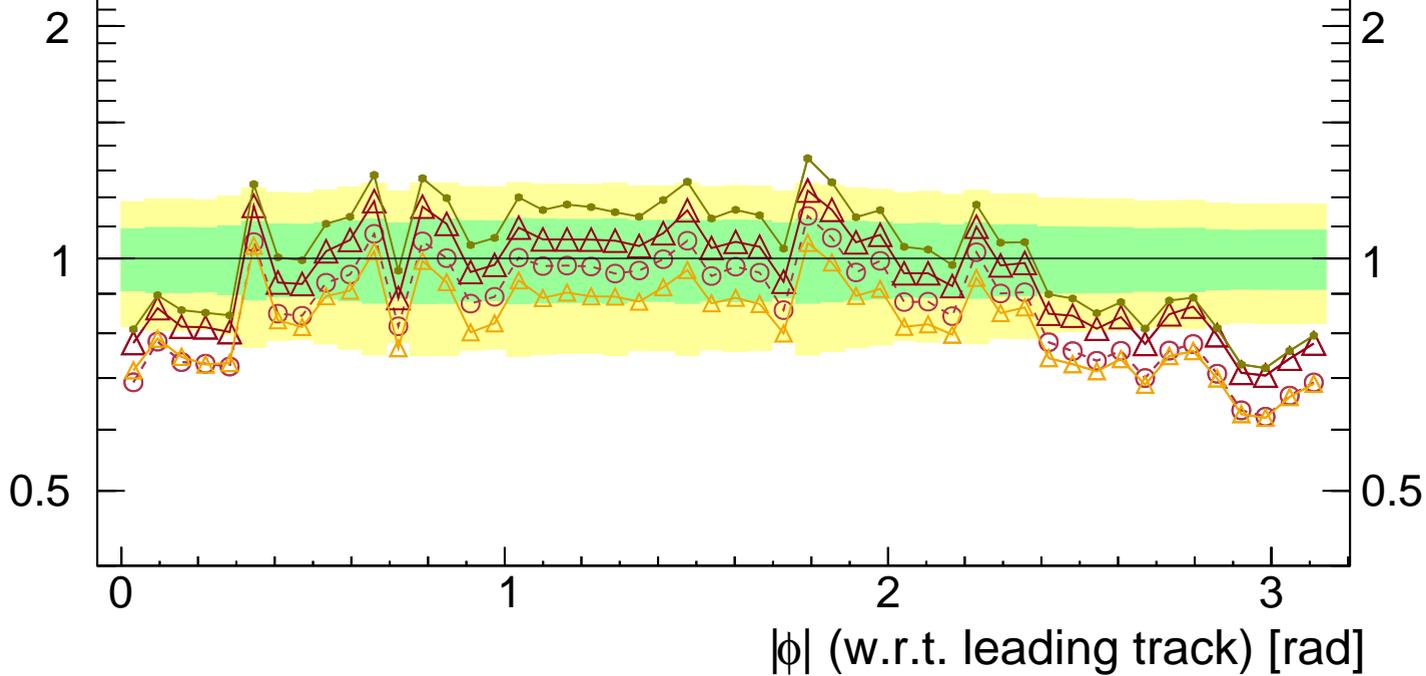
 N_{chg} density vs. $\Delta\phi$, $p_{\text{T}}^{\text{trk1}} > 2.5 \text{ GeV}$, $\sqrt{s} = \{900 \text{ GeV}\}$

- ATLAS
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 4.1.0, $\geq 2.9\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS



2

1

0.5

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