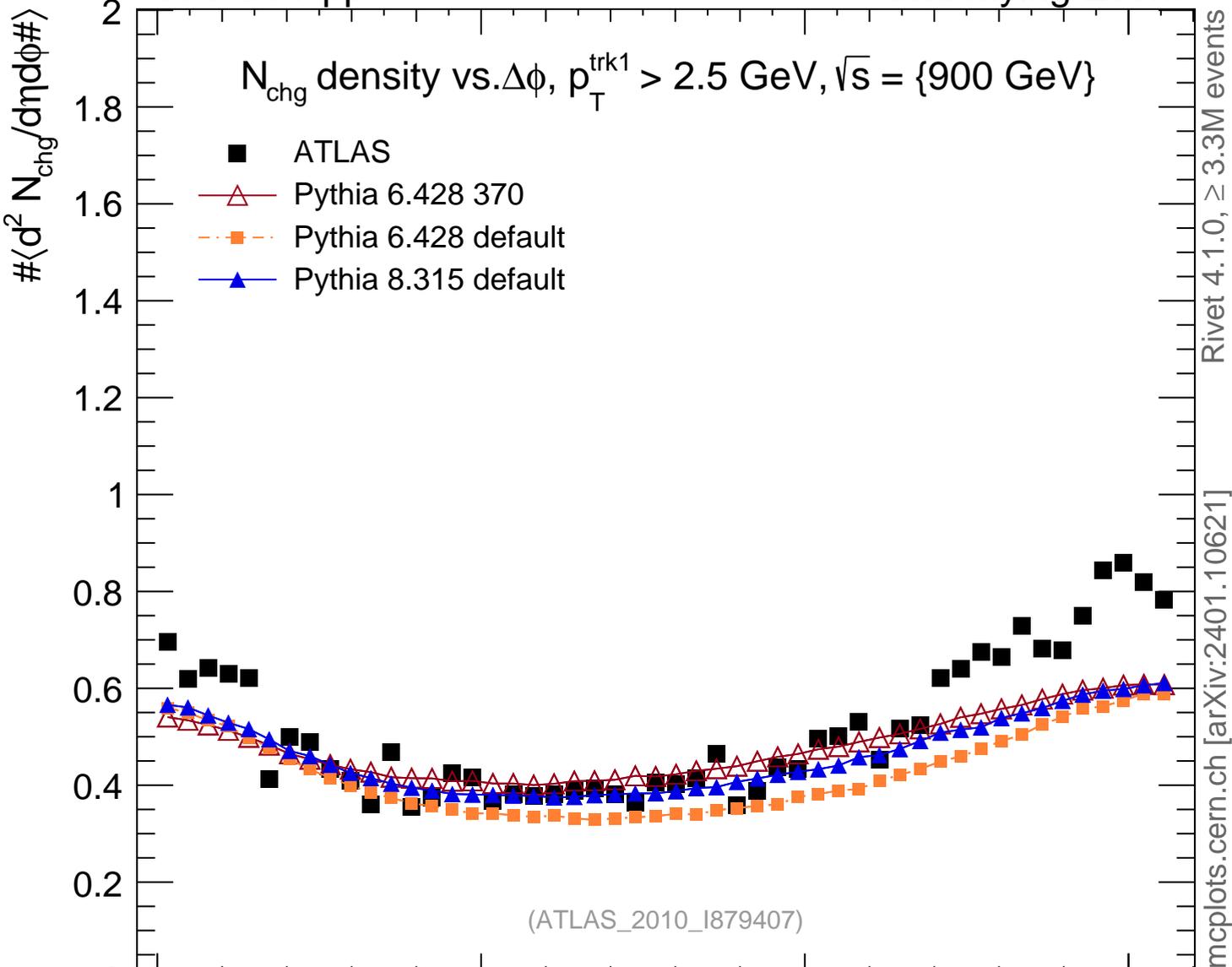


900 GeV pp

Underlying Event

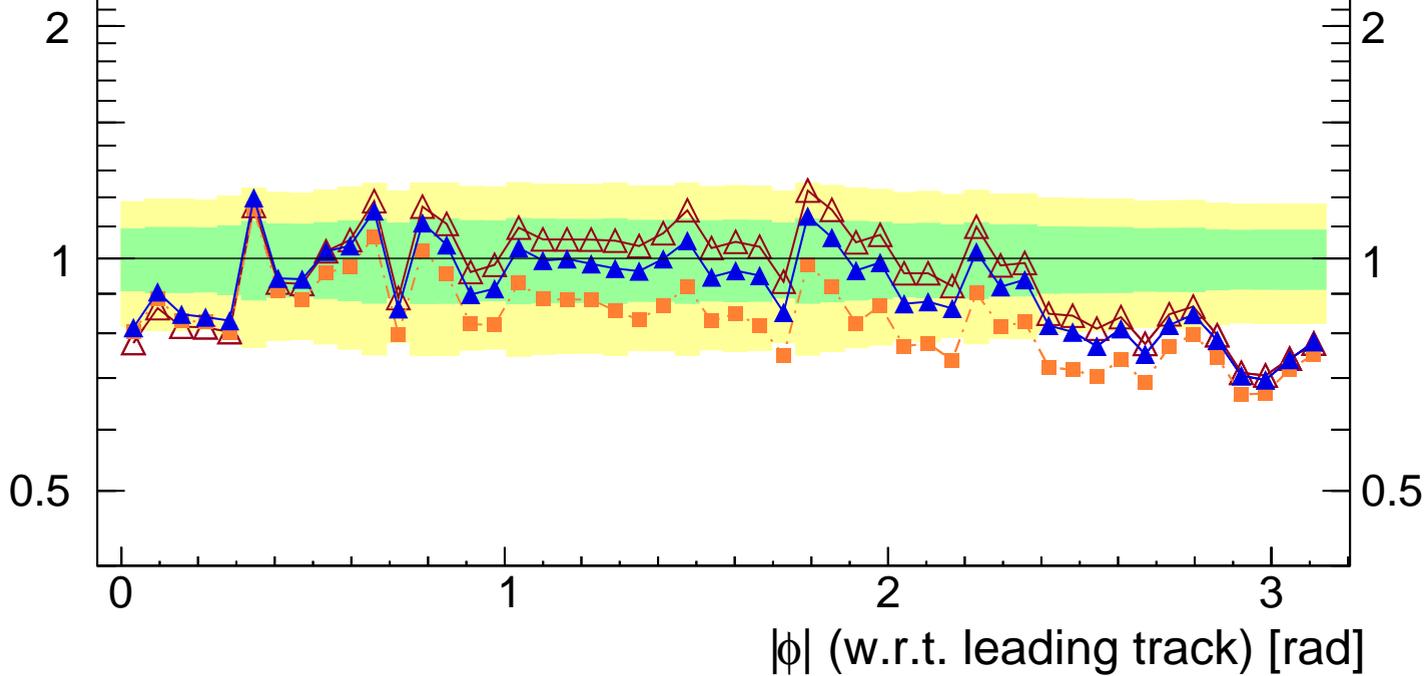
 $N_{\text{chg}}$  density vs.  $\Delta\phi$ ,  $p_T^{\text{trk1}} > 2.5 \text{ GeV}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ 

- ATLAS
- △ Pythia 6.428 370
- - -■ Pythia 6.428 default
- ▲ Pythia 8.315 default

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

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS



2

1

0.5