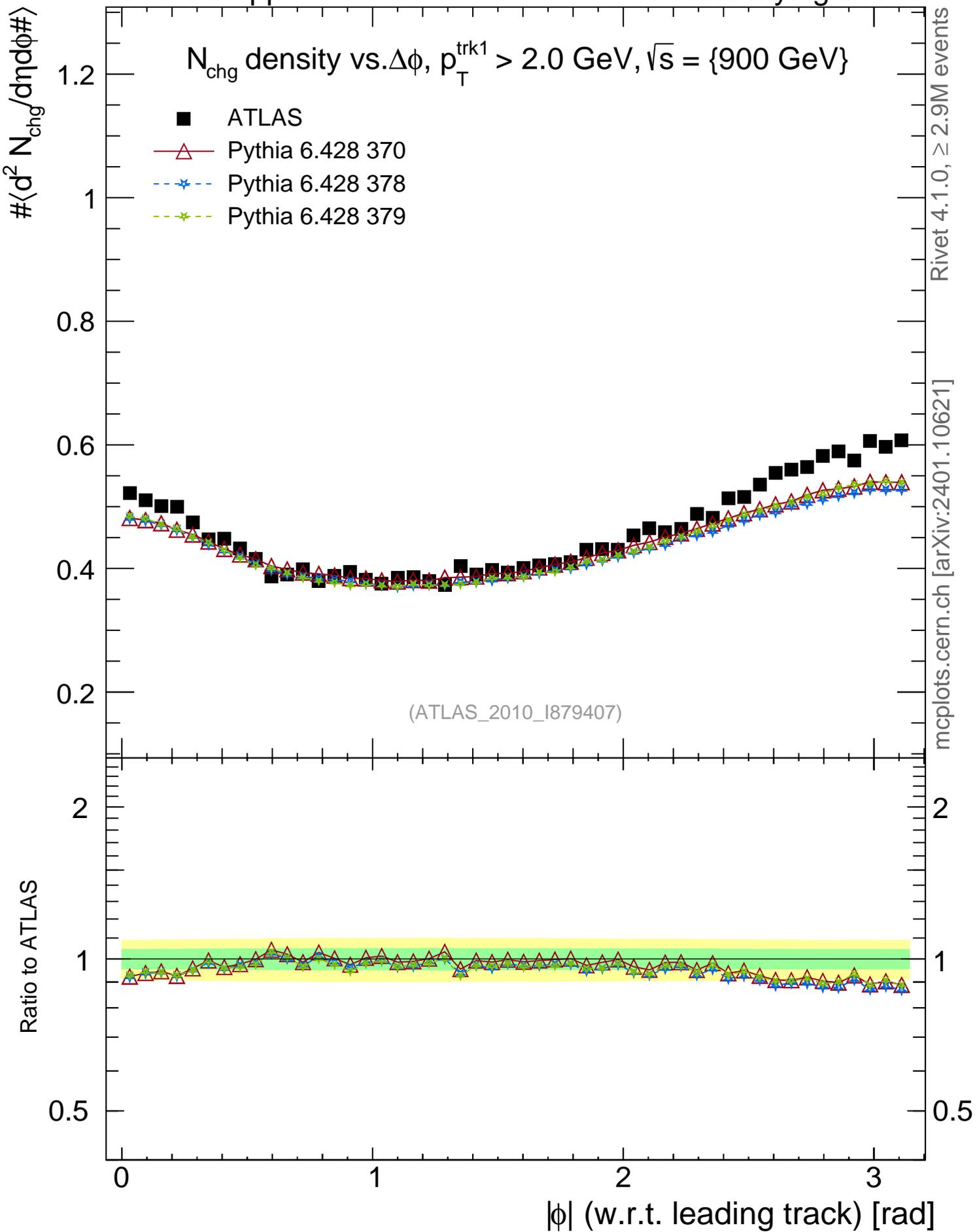


900 GeV pp

Underlying Event

 $N_{\text{chg}}$  density vs.  $\Delta\phi$ ,  $p_{\text{T}}^{\text{trk1}} > 2.0 \text{ GeV}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ 

- ATLAS
- △ Pythia 6.428 370
- - \* Pythia 6.428 378
- - \* Pythia 6.428 379

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

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

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