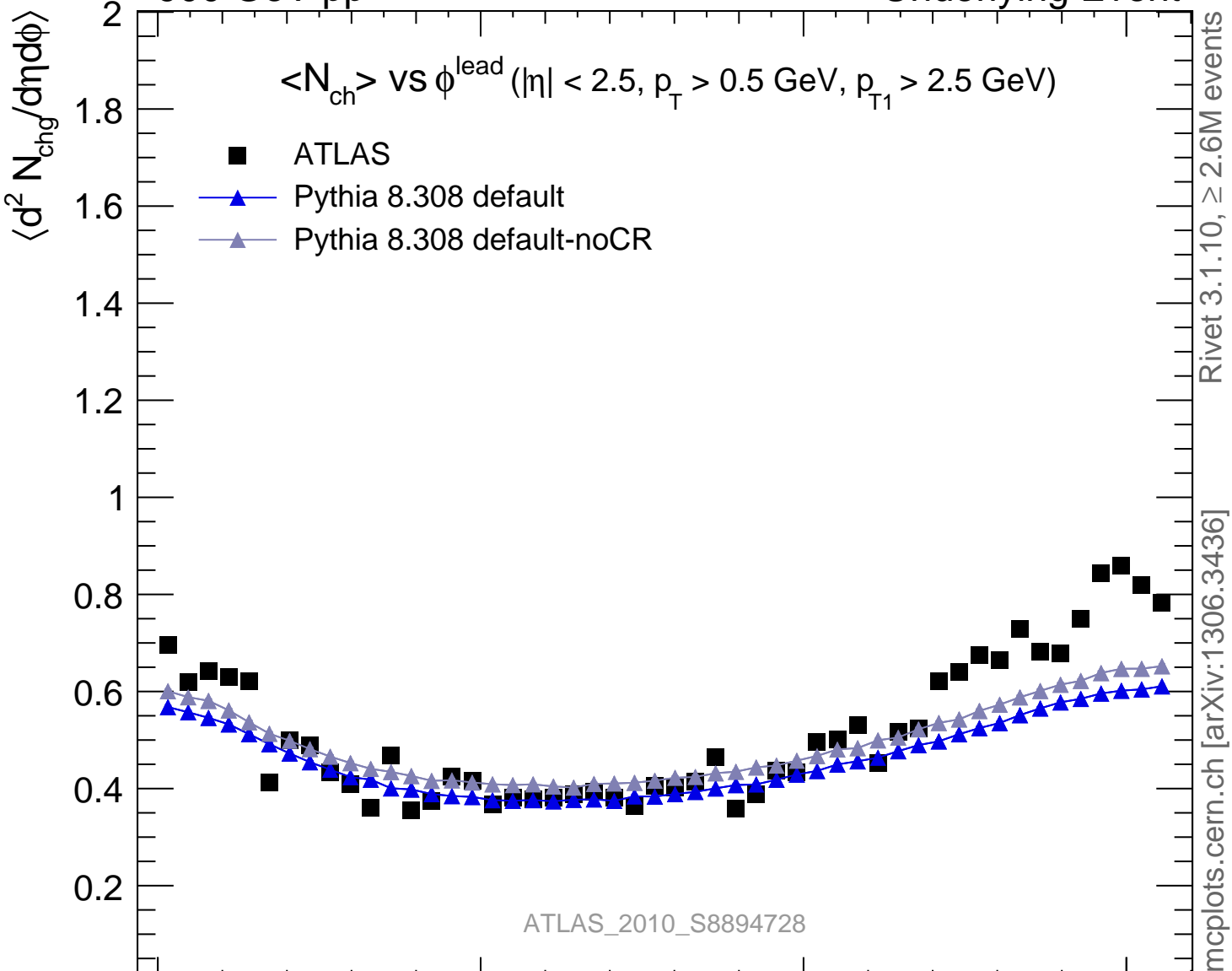


900 GeV pp

Underlying Event

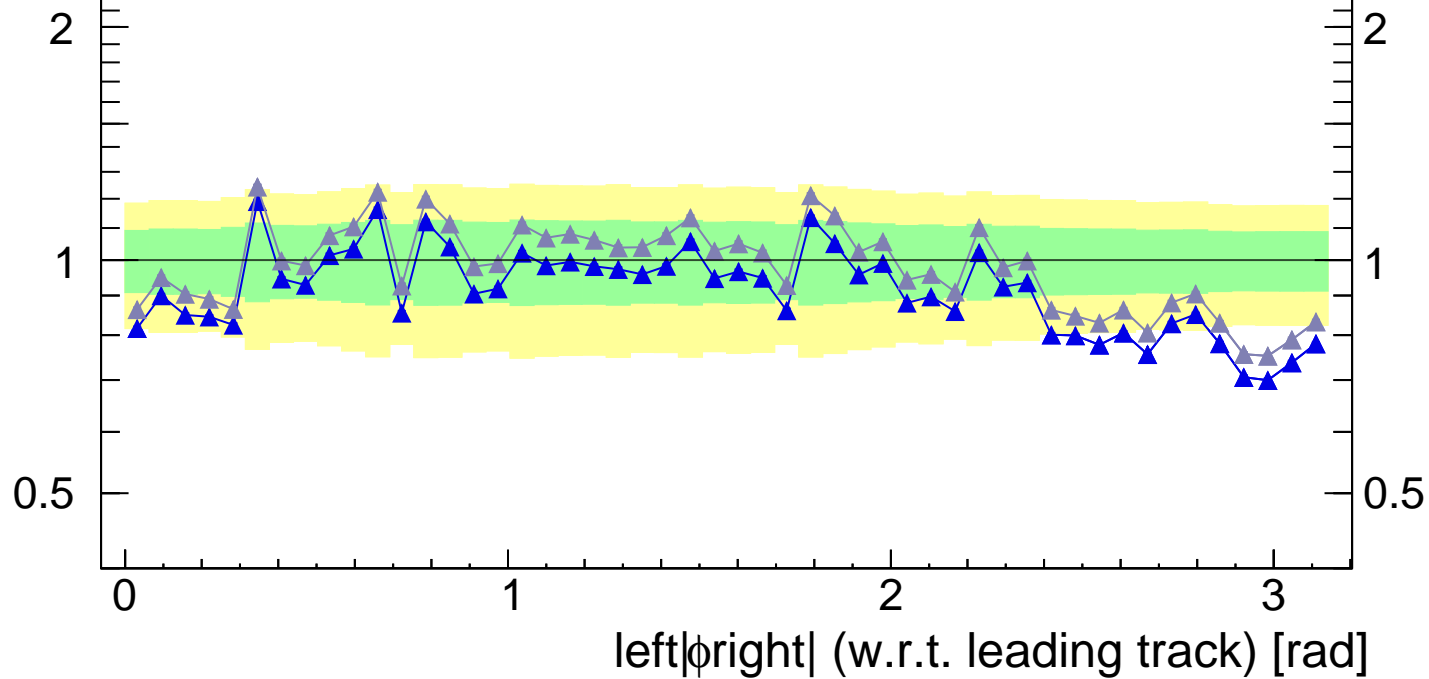
 $\langle N_{\text{ch}} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}_1} > 2.5$ GeV)

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noCR

Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS



2

1

0.5

left| ϕ right| (w.r.t. leading track) [rad]