

900 GeV pp

Underlying Event

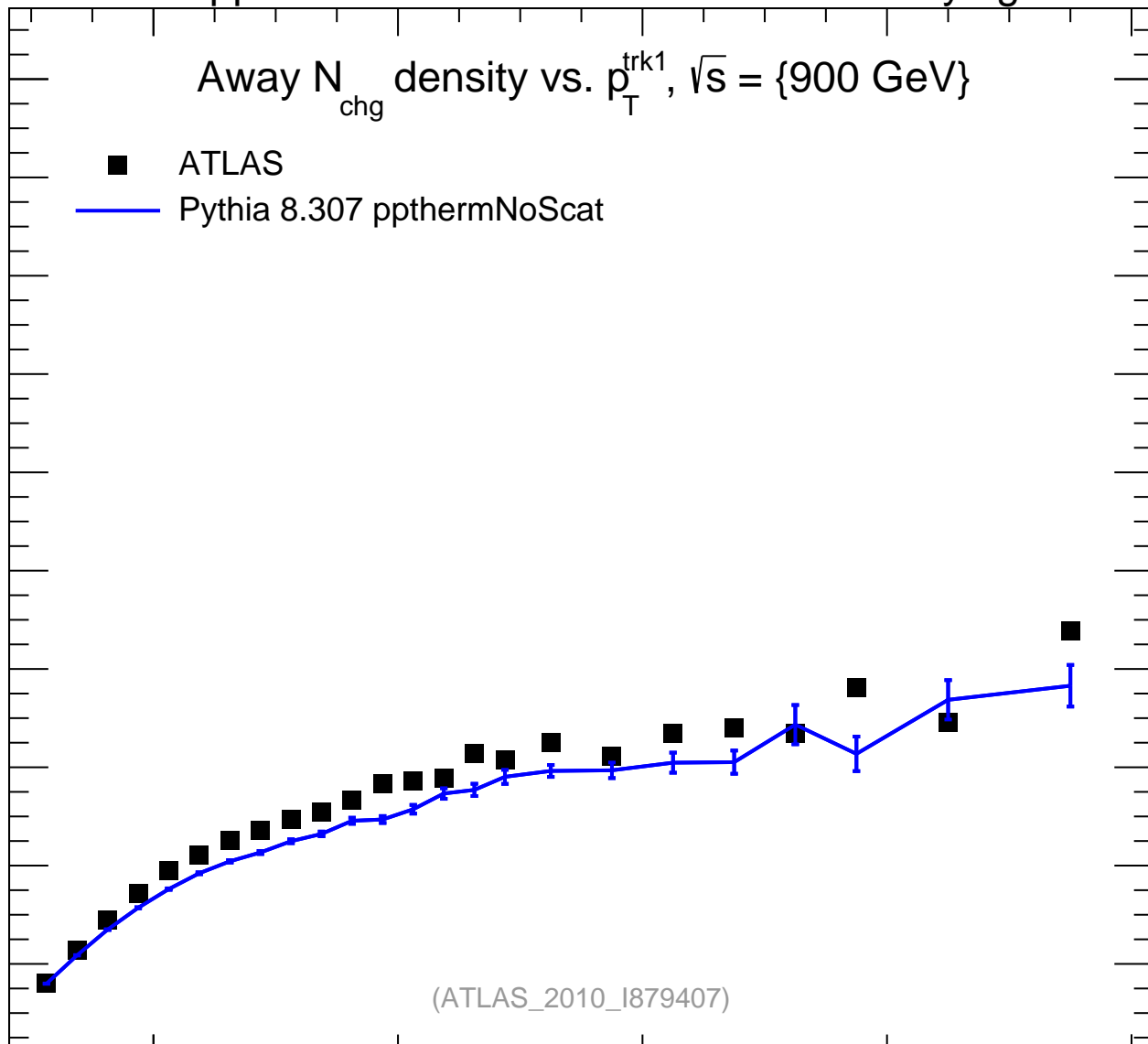
Away N_{chg} density vs. $p_{\text{T}}^{\text{trk1}}$, $\sqrt{s} = \{900 \text{ GeV}\}$

■ ATLAS
 — Pythia 8.307 ppthermNoScat

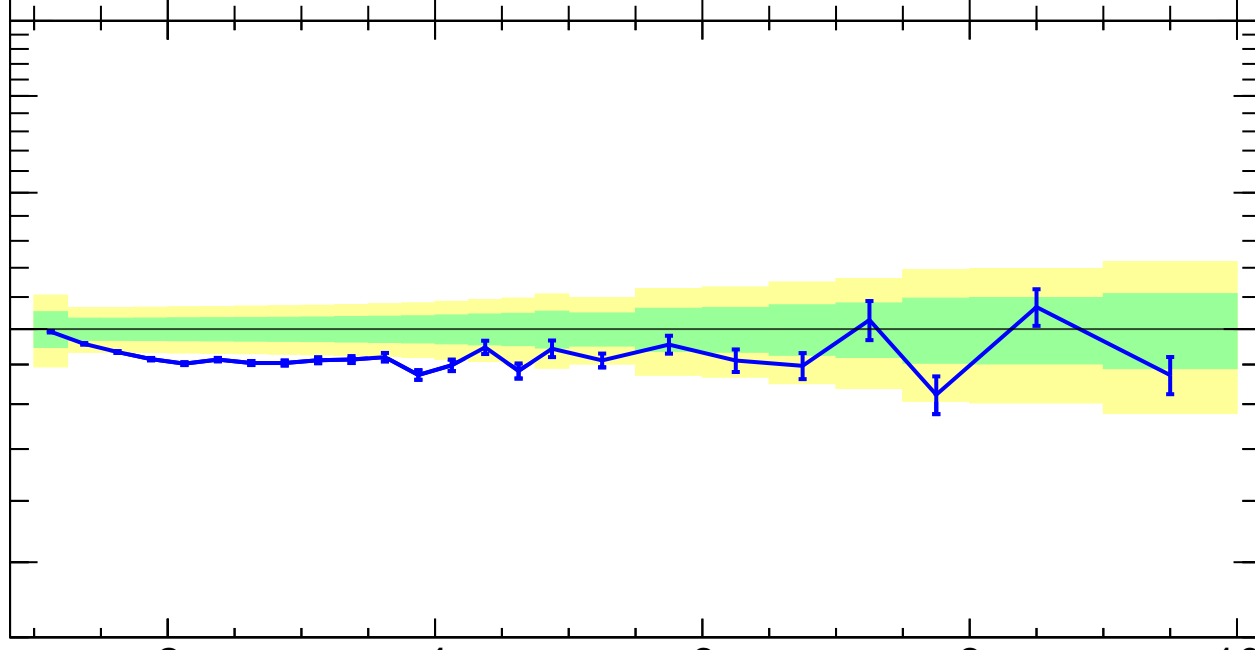
Rivet 4.1.0, 1M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

 $\# \langle d^2 N_{\text{chg}} / d\eta d\phi \rangle$ 2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

Ratio to ATLAS

2
1
0.5 p_{T} (leading track) [GeV]2
1
0.5