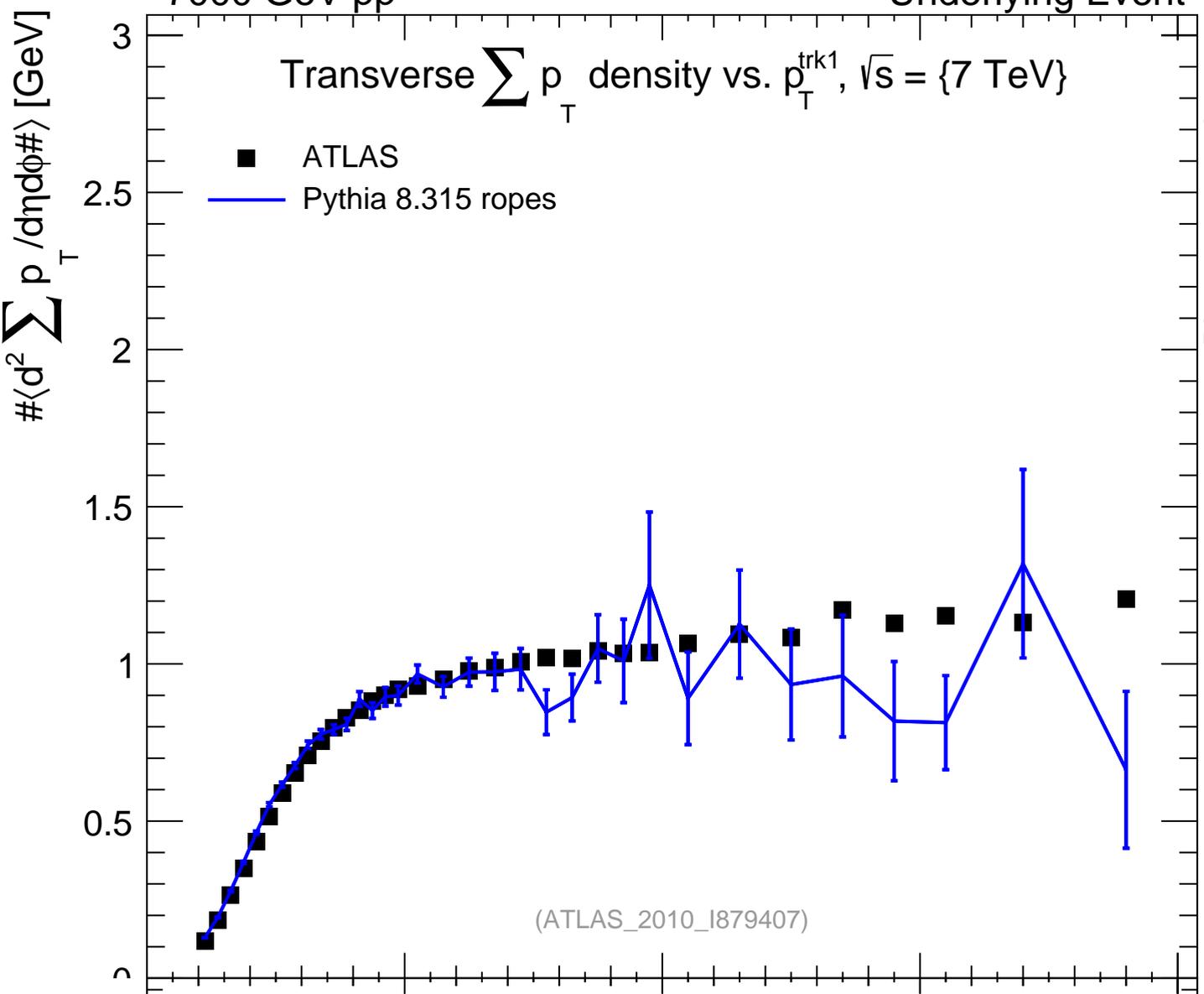7000 GeV pp — Underlying Event

Transverse $\sum p_T$ density vs. $p_T^{trk1}$, $\sqrt{s} = \{7 \text{ TeV}\}$

- ■ ATLAS
- — Pythia 8.315 ropes

$\#\langle d^2 \sum p_T / d\eta d\phi \# \rangle$ [GeV]

(ATLAS_2010_I879407)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$p_T$ (leading track) [GeV]