

900 GeV pp

Underlying Event

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

■ ATLAS  
— Pythia 8.307 pptherm

 $\# \langle d^2 N_{\text{chg}} / d\eta d\phi \rangle$ 

Rivet 4.1.0, 700k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

2

1

0.5

 $p_T$  (leading track) [GeV]