

900 GeV pp

Underlying Event

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

- ATLAS
- \* Pythia 6.423 d6t
- Pythia 6.423 default
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0

 $\langle d^2 N_{\text{chg}} / d\eta d\phi \rangle$ Rivet 4.1.0,  $\geq 500\text{k events}$ 

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

