

900 GeV pp

Underlying Event

 $N_{\text{chg}}$  density vs.  $\Delta\phi$ ,  $p_T^{\text{trk1}} > 1.5 \text{ GeV}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ 

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- \* Pythia 6.428 d6t
- Pythia 6.428 default
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0

Rivet 4.1.0,  $\geq 3.1\text{M}$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2010\_I879407)

2

1

0.5

