

900 GeV pp

Underlying Event

 $N_{\text{chg}}$  density vs.  $\Delta\phi$ ,  $p_T^{\text{trk1}} > 2.5 \text{ GeV}$ ,  $\sqrt{s} = \{900 \text{ GeV}\}$ 

- ATLAS
- ⊕ Epos 1.99.crmc.1.3 lhc
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

Rivet 4.1.0,  $\geq 800\text{k}$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2010\_I879407)

