

900 GeV pp

Underlying Event

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

- ATLAS
- \*- Pythia 6.424 d6t
- \*- Pythia 6.424 default
- \*- Pythia 6.424 dw
- Pythia 6.424 p0

Rivet 4.1.0,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS

