

900 GeV pp

Underlying Event

Average  $p_T$  vs  $N_{ch}$  (TWRD) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- ▲ Pythia 8.170 default

Rivet 3.1.0, 7.6M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

 $N_{chg}$ 