

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

- ATLAS
- Herwig 7.0.0 default
- ▲--- Pythia 8.301 default
- ◆--- Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 7.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

2

0.5

2

0

10

20

30

 $N_{chg}$ 