

Average  $p_T$  vs  $N_{ch}$  ( $N_{ch} > 1, p_T > 2.5$  GeV)

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ - - Herwig 7.2.0 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.170 default
- ⋯ ◆ ⋯ Sherpa 1.2.2p default

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

2

2

2

2

2

2

2

2

2

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

 $N_{ch}$ 