

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 6.427 370
- - ▲ - - Pythia 8.301 default
- - ◆ - - Sherpa 2.2.8 default

Rivet 3.1.0,  $\geq 5.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8918562

Ratio to ATLAS

0.5

1

2

0

0.5

1

2

0

10

20

 $N_{ch}$ 