

Average p_T vs N_{ch} ($N_{ch} > 0$, $|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.186 default
- - ◆ Sherpa 2.2.8 default

Rivet 3.1.0, ≥ 7.2 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8591806

Ratio to ATLAS

2

2

mcplots.cern.ch [arXiv:1306.3436]

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 $\langle p_T \rangle$ [GeV]

2.2

2.0

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

2

1

0.5

0

20

40

60

 N_{ch} 