

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

- ATLAS
- - □ Herwig 7.1.4 default
- - ▲ Pythia 8.201 default
- - ◆ Sherpa 2.2.8 default

Rivet 3.1.0,  $\geq 7.2$ 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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Rivet 3.1.0,  $\geq 7.2$ M events $\langle p_T \rangle$  [GeV]

2.2  
2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
2  
1  
0.5

0

20

40

60

 $N_{ch}$ 