

7000 GeV pp

Underlying Event

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

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.150 default
- - ◆ Sherpa 1.3.0 default

Rivet 3.1.0, ≥ 5.4 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

0.5

1

2

0.4

0.6

0.8

1.0

1.2

1.4

1.6

1.8

2.0

2.2

2.4

0

10

20

30

 N_{chg} $\langle p_T \rangle$ [GeV]