

7000 GeV pp

Underlying Event

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

- ATLAS
- +— Epos 1.99.crmc.1.3 lhc
- - □ - - Herwig 7.0.1 default
- △ - Pythia 6.428 370
- ▲ - Pythia 8.301 default
- ◆ - Sherpa 2.1.1 default

Rivet 3.1.0, $\geq 6.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

0

10

20

30

 N_{chg} 