

7000 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.226 default
- ▼ Pythia 8.226 tune-1
- Pythia 8.226 tune-2c
- Pythia 8.226 tune-2m

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} $\langle p_T \rangle$ [GeV]

2.5

2

1.5

1

0.5

2

1

0.5