

7000 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.301 default

Rivet 3.1.0,  $\geq 7.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

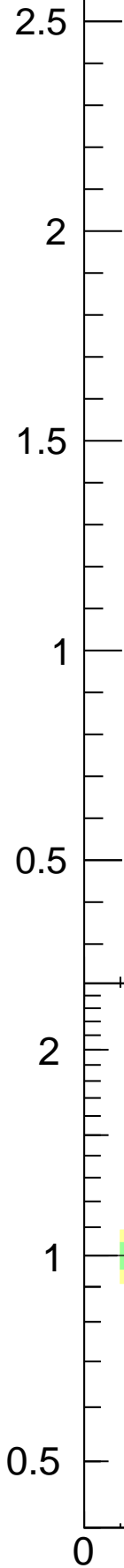
2

1

0.5

Ratio to ATLAS

$\langle p_T \rangle$  [GeV]



0

10

20

30

$N_{chg}$