

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

- ATLAS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q2o

Rivet 3.1.10,  $\geq 2.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

2

1

0.5

