

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

- ATLAS
- △ Pythia 6.427 370
- Pythia 6.427 default
- ▲ Pythia 8.165 default

Rivet 3.1.0,  $\geq 7.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8591806

Ratio to ATLAS

Ratio to ATLAS

0.5

0.5

2

2

4

6

8

10

12

14

16

18

20

22

24

26

28

30

32

34

36

38

40

42

44

46

48

50

52

54

56

58

60

0

20

40

60

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