

Average jet  $p_T$  vs  $N_{ch}$  ( $p_T^j > 5$  GeV,  $|\eta^j| < 1.9$ )

- CMS
- △ Pythia 6.428 370
- ▲ Pythia 8.308 default

Rivet 3.1.10,  $\geq 3M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

0.5

1

2

4

6

8

10

12

14

0.5

1

2

4

6

8

10

12

14

0

50

100

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