

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

- CMS
- - ■ 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,  $\geq 2.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

mcplots.cern.ch [arXiv:1306.3436]

0.5

2

2

4

6

8

10

12

14

16

18

0

50

100

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