

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

- CMS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

Rivet 3.1.10,  $\geq 3M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

0.5

2

0.5

2

0

50

100

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

16

14

12

10

8

6

4

2

1