

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

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.226 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

mcplots.cern.ch [arXiv:1306.3436]

0.5

0.5

1

1

2

2

4

6

8

10

12

14

16

18

0

50

100

 $N_{ch}$