

7000 GeV pp

Soft QCD

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.1.4 default
- ▲- Pythia 8.308 default

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

2

1

0.5

 $N_{ch}$ 

0

50

100