

7000 GeV pp

Soft QCD

Average  $p_T$  vs  $N_{ch}$  ( $p_T^{ch} > 0.25$ ,  $p_T^j > 0.25$ ,  $|\eta| < 1.9$ , in-jet charged particles)

■ CMS  
--□-- Herwig 7.2.1 default

Rivet 3.1.10, 2.7M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2013\_I1261026

Ratio to CMS

2

1

0.5

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

3.5

3

2.5

2

1.5

1

0.5

2

1

0.5

0

50

100