

Average  $p_T$  vs  $N_{ch}$  (NSD)

- CMS
- ▲ Pythia 8.205 default
- -▲ Pythia 8.205 default-CD

 $\langle p_T \rangle$  [GeV]

1

0.8

0.6

0.4

0.2

Rivet 3.1.0,  $\geq 7.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8884919

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40

60

80

n

