

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

- CMS
- ▲ Pythia 8.165 default

 $\langle p_T \rangle$  [GeV]

1

0.8

0.6

0.4

0.2

Rivet 3.1.0, 7.5M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8884919

Ratio to CMS

2

2

1

1

0.5

0.5

0

20

40

60

80

n

0 20 40 60 80 n