

7000 GeV pp

NSD

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

- CMS
- ▼ Herwig 7.1.6 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.170 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S8884919

Ratio to CMS

2

1

0.5

n

