

2360 GeV pp

NSD

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

- CMS
- △ Pythia 6.428 370
- \* Pythia 6.428 379
- △ Pythia 6.428 ambt1
- Pythia 6.428 z2

Rivet 4.1.0,  $\geq 2M$  events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2011\_I879315)

Ratio to CMS

1.2

1

0.8

0.6

0.4

0.2

2

1

0.5

2

1

0.5

0

50

100

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