

7000 GeV pp

NSD

Average p_T vs N_{ch} (NSD)

- CMS
- - ■ Pythia 6.427 359
- - △ Pythia 6.427 370
- - ▲ Pythia 6.427 a
- - ▼ Pythia 6.427 dw
- - ○ Pythia 6.427 p0
- - ☆ Pythia 6.427 pro-q2o

Rivet 3.1.0, $\geq 6.6M$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S8884919

2

1

0.5

n

 $\langle p_T \rangle$ [GeV]2.5
2
1.5
1
0.5
02
1
0.5

0

50

100

150

n

Ratio to CMS