

900 GeV pp

NSD

 $dN_{ch}/d\eta$ 

7

6

5

4

3

2

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.205 default

Rivet 3.1.0,  $\geq 7.7M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2010\_S8547297

Ratio to CMS

2

1

0.5

2

1

0.5

-2

0

2

 $\eta$ 