

2360 GeV pp

NSD

Charged multiplicity (NSD,  $|\eta| < 0.5$ ) $P_n$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

- CMS
- - \* Pythia 6.428 355
- - □ Pythia 6.428 356
- - △ Pythia 6.428 370
- - \* Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

CMS\_2011\_S8884919

Rivet 3.1.0,  $\geq 14$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

n

0

10

20

30