

900 GeV pp

NSD

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

1

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

■ CMS

- - ○ - - Pythia 6.428 345

- - □ - - Pythia 6.428 346

- - △ - - Pythia 6.428 370

- - △ - - Pythia 6.428 ambt1

- - ● - - Pythia 6.428 z1

- - ● - - Pythia 6.428 z2

CMS_2011_S8884919

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

n

0

10

20