

900 GeV pp

NSD

Charged multiplicity (NSD,  $|\eta| < 1.5$ )

$P_n$

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

$10^{-4}$

$10^{-5}$

$10^{-6}$

- CMS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

CMS\_2011\_S8884919

Rivet 3.1.10,  $\geq 3.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40

60

$n$

