

2360 GeV pp

NSD

Charged multiplicity (NSD,  $|\eta| < 1.0$ )

$P_n$

10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$

Rivet 3.1.10,  $\geq 3.2M$  events  
mcplots.cern.ch [arXiv:1306.3436]

- CMS
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

CMS\_2011\_S8884919

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

0 20 40 60 n

$P_n$

n

