

900 GeV pp

NSD

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

1

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

CMS



Herwig 7.1.6 softTune



Pythia 6.428 370



Pythia 8.170 default

CMS_2011_S8884919

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

 n

0

10

20