

900 GeV pp

NSD

 $P_n$ Charged hadron multiplicity,  $|\eta| < 2.0$ ,  $\sqrt{s} = 0.9$  {TeV} $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ 

CMS



Pythia 8.315 ropes

(CMS\_2011\_I879315)

Rivet 4.1.0, 4.1M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40

60

80

n