

7000 GeV pp

NSD

Charged hadron  $\eta$  integrated over  $p_T$  at  $\sqrt{s} = 7$  {TeV}

■ CMS

— Pythia 8.307 pptherm

Rivet 4.1.0, 1.2M events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2010\_I855299)

Ratio to CMS

 $dN_{ch}/d\eta$ 12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
0.51.2M events  
1  
2

-2

0

2

 $\eta$ 