

13000 GeV pp

Soft QCD

 $pp \rightarrow nX \text{ (or } \bar{n}X\text{)} \text{ at } \sqrt{s}=13 \text{ TeV}$

■ LHC
— Pythia 8.315 qcdcr0qq1

 $d\sigma/d\eta \text{ [mb]}$

25

20

15

10

5

0

Rivet 4.1.0, 4.1M events

mcplots.cern.ch [arXiv:2401.10621]

(LHCF_2020_I1783943)

Ratio to LHC

2

1

0.5

2

1

0.5

 η

9

9.5

10

10.5