

13000 GeV pp

Soft QCD

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

■ LHCf

---○ Herwig++ 2.7.1 default

 σ [mb] 10^2

10

1

 10^{-1}

(LHCF_2020_I1783943)

Ratio to LHCf

2

1

0.5

Rivet 4.1.0, 3M events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

k