

13000 GeV pp

Soft QCD

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

- LHCf
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 2.2.8 default

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCF_2020_I1783943)

Ratio to LHCf

2

1

0.5

k

