

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
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vinca-default
- ◇- Sherpa 2.2.9 default

(LHCF_2020_I1783943)

Rivet 4.1.0, $\geq 2.5\text{M events}$

mcplots.cern.ch [arXiv:2401.10621]

Ratio to LHCF

2

1

0.5

k

