

13000 GeV pp

Soft QCD

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

- LHCf
- - ■ Pythia 6.424 default
- - ☆ Pythia 6.424 pro-q2o

 10^2

10

1

 10^{-1}

(LHCF_2020_I1783943)

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCf

2

2

0.5

0.5

0.2

0.4

0.6

k

