

13000 GeV pp

Soft QCD

n.E (lhcf2020-nx)

- LHCf
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ Pythia 8.315 tune-CUETP8S1

 10^{-3} 10^{-4} 10^{-5}

(LHCF_2020_I1783943)

Rivet 4.1.0, ≥ 1.8 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCf

2

1

0.5

2

1

0.5

0

2000

4000

6000