

13000 GeV pp

Soft QCD

 $\langle 1-k \rangle$ pp $\rightarrow$ nX (or $\bar{n}X$) at $\sqrt{s}=13$ TeV

- LHC
- △— Pythia 6.427 370
- -○- - Pythia 6.427 atlas-csc
- - * - - Pythia 6.427 d6t
- - ■ - - Pythia 6.427 default
- - ▼ - - Pythia 6.427 dw
- Pythia 6.427 p0

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCF_2020_I1783943)

Ratio to LHC

2

1

0.5

0.5

1

1.5