

7000 GeV pp

Soft QCD

Cross section( $\Delta\eta > 3$ )Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

- Pythia 6.428 345
- Pythia 6.428 346
- Pythia 6.428 370
- Pythia 6.428 default
- Pythia 8.201 default

(ALICE\_2012\_I1181770)

Ratio to Pythia 6.428 345

2

1

0.5

1000

1500

2000

2500

1

0.8

0.6

0.4

0.2

0

2

1

0.5