

2760 GeV pp

Soft QCD

Cross section($\Delta\eta > 3$)

- Herwig++ 2.6.3 default
- Herwig 7.2.1 default
- Pythia 8.315 default
- Pythia 8.315 vincia-default
- Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2012_I1181770)

Ratio to Herwig++ 2.6.3 default

10²

10

1

2

1

0.5

2

2759.5 2760 2760.5

Model	Cross section (nb)	Ratio to Herwig++ 2.6.3 default
Herwig++ 2.6.3 default	~20	1.0
Herwig 7.2.1 default	~12	~0.65
Pythia 8.315 default	~5.5	1.0
Pythia 8.315 vincia-default	~5.5	1.0
Sherpa 2.2.9 default	~0.8	1.0