

7000 GeV pp

Soft QCD

Cross section( $\Delta\eta > 3$ ) $\sigma_{DD}$  [mb] $10^2$  $10$  $1$  $2$  $1$  $0.5$ 

6999.5

7000

7000.5

 $\sqrt{s}$  [GeV]

- ALICE
- Herwig++ 2.7.1 default
- Herwig 7.0.2 default
- ▲- Pythia 8.308 default
- ◆- Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 600k$  events  
 mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2012\_I1181770

Ratio to ALICE