

7000 GeV pp

Soft QCD

Cross section ( $M_x < 200 \text{ GeV}^2$ ) $\sigma_{SD}$  [mb]

Ratio to ALICE

0.5

1

2

3

35  
30  
25  
20  
15  
10  
5  
0

- ALICE
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.108.p1 default
- - ◆ Sherpa 2.2.8 default

ALICE\_2012\_I1181770

Rivet 3.1.0,  $\geq 5.4M$  events  
mcplots.cern.ch [arXiv:1306.3436]

0.5

1

2

3

6999.5

7000

7000.5

 $\sqrt{s}$  [GeV]