

7000 GeV pp

Soft QCD

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

- ALICE
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.230 default
- - ◆ Sherpa 1.2.3 default

35

30

25

20

15

10

5

0

2

1

0.5

Rivet 3.1.0,  $\geq 5.4\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2012\_I1181770

Ratio to ALICE

6999.5

7000

7000.5

 $\sqrt{s}$  [GeV]