

7000 GeV pp

Soft QCD

Cross section ( $M_x < 200 \text{ GeV}^2$ )

$\sigma_{SD}$  [mb]

Ratio to ALICE

0.5

1

2

2

5

10

15

20

25

30

35

ALICE

Herwig 7.2.0 default

Pythia 8.130.p1 default

Sherpa 2.2.2 default

ALICE\_2012\_I1181770

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.0,  $\geq 5.4M$  events

6999.5

7000

7000.5

sqrt{s} [GeV]

