

7000 GeV pp

Soft QCD

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

- ALICE  
—▲ Pythia 8.183 default

 $\sigma_{SD}$  [mb]

35

30

25

20

15

10

5

0

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ALICE\_2012\_I1181770

Ratio to ALICE

3

2

1

0.5

3

2

1

0.5

6999.5

7000

7000.5

 $\sqrt{s}$  [GeV]