

7000 GeV pp

Soft QCD

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

$\sigma_{SD}$  [mb]

Ratio to ALICE

0.5

1

2

5

10

15

20

25

30

35

ALICE

Pythia 8.308 default

Pythia 8.308 default-CD

Pythia 8.308 default-DL

Pythia 8.308 default-MBR

ALICE\_2012\_I1181770

Rivet 3.1.10,  $\geq 3M$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

1

2

6999.5

7000

7000.5

$\sqrt{s}$  [GeV]

