

7000 GeV pp

Soft QCD

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

- ALICE
—▲ Pythia 8.170 default

 σ_{SD} [mb]

35
30
25
20
15
10
5
0

Rivet 3.1.10, 200k events
mcplots.cern.ch [arXiv:1306.3436]

ALICE_2012_I1181770

Ratio to ALICE

3
2
1
0.5
0

 $\sqrt{s}$ [GeV]

6999.5

7000

7000.5