

7000 GeV pp

σ_{Total}

■ TOTEM
—▲ Pythia 8.244 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(TOTEM_2011_I930960)

Ratio to TOTEM

180
160
140
120
100
80
60
50
40
30
20
10
2
1
0.5

180
160
140
120
100
80
60
50
40
30
20
10
2
1
0.5

6999.5

7000

7000.5

