

7000 GeV pp

σ_{Total}

$\sqrt{s}=7$ TeV

■ TOTEM
— Pythia 8.315 qcdcr0qq1

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(TOTEM_2011_I930960)

Ratio to TOTEM

σ_{total} [mb]

180
160
140
120
100
80
60
50
40
30
20
10
0

2
1
0.5
0

6999.5 7000 7000.5

$\sqrt{s}$

