

7000 GeV pp

 σ_{Total} $\sqrt{s}=7$ TeV σ_{total} [mb]

Ratio to TOTEM

- TOTEM
- Pythia 6.426 atlas-csc
- Pythia 6.426 d6t
- Pythia 6.426 default
- Pythia 6.426 dw
- Pythia 6.426 p0

(TOTEM_2011_I930960)

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

6999.5

7000

7000.5

 $\sqrt{s}$ 