

7000 GeV pp

Elastic

 σ_{elastic} [mb]

- TOTEM
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - . - . ■ - - Pythia 6.428 default
- ▲— Pythia 8.176 default

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

TOTEM_2012_I1220862

Ratio to TOTEM

2

1

0.5

 $\sqrt{s}$ [GeV]

6999.5

7000

7000.5