

7000 GeV pp

 σ_{Total}

- TOTEM
- △— Pythia 6.428 370
- -▲- - Pythia 6.428 371
- ·▼·- Pythia 6.428 372
- ·●·- Pythia 6.428 376

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

1000
900
800
700
600
500
400
300
200
100
50
20
10
5
2
1
0.5

6999.5

7000

7000.5