

7000 GeV pp

 $\sigma_{\text{Total}}$ 

■ TOTEM  
—▲ Pythia 8.186 default

Rivet 3.1.10, 10M events

mcplots.cern.ch [arXiv:1306.3436]

(TOTEM\_2011\_I930960)

Ratio to TOTEM

180  
160  
140  
120  
100  
80  
60  
2  
1  
0.52  
1  
0.5

6999.5

7000

7000.5

