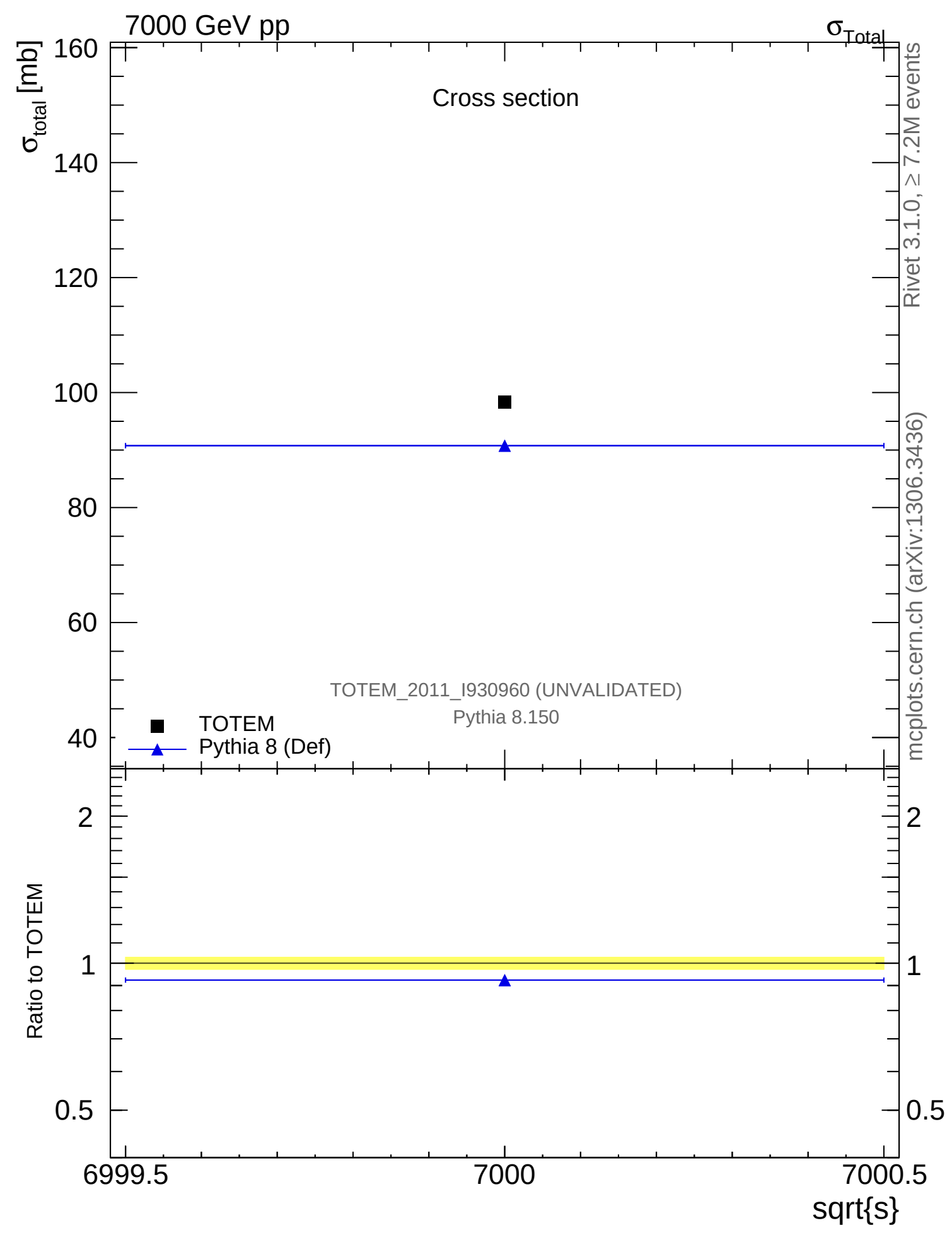
7000 GeV pp
σTotal
Cross section
σtotal [mb]
160
140
120
100
80
60
40
TOTEM_2011_I930960 (UNVALIDATED)
Pythia 8.150
TOTEM
Pythia 8 (Def)
Rivet 3.1.0, ≥ 7.2M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to TOTEM
2
1
0.5
6999.5
7000
7000.5
sqrt{s}