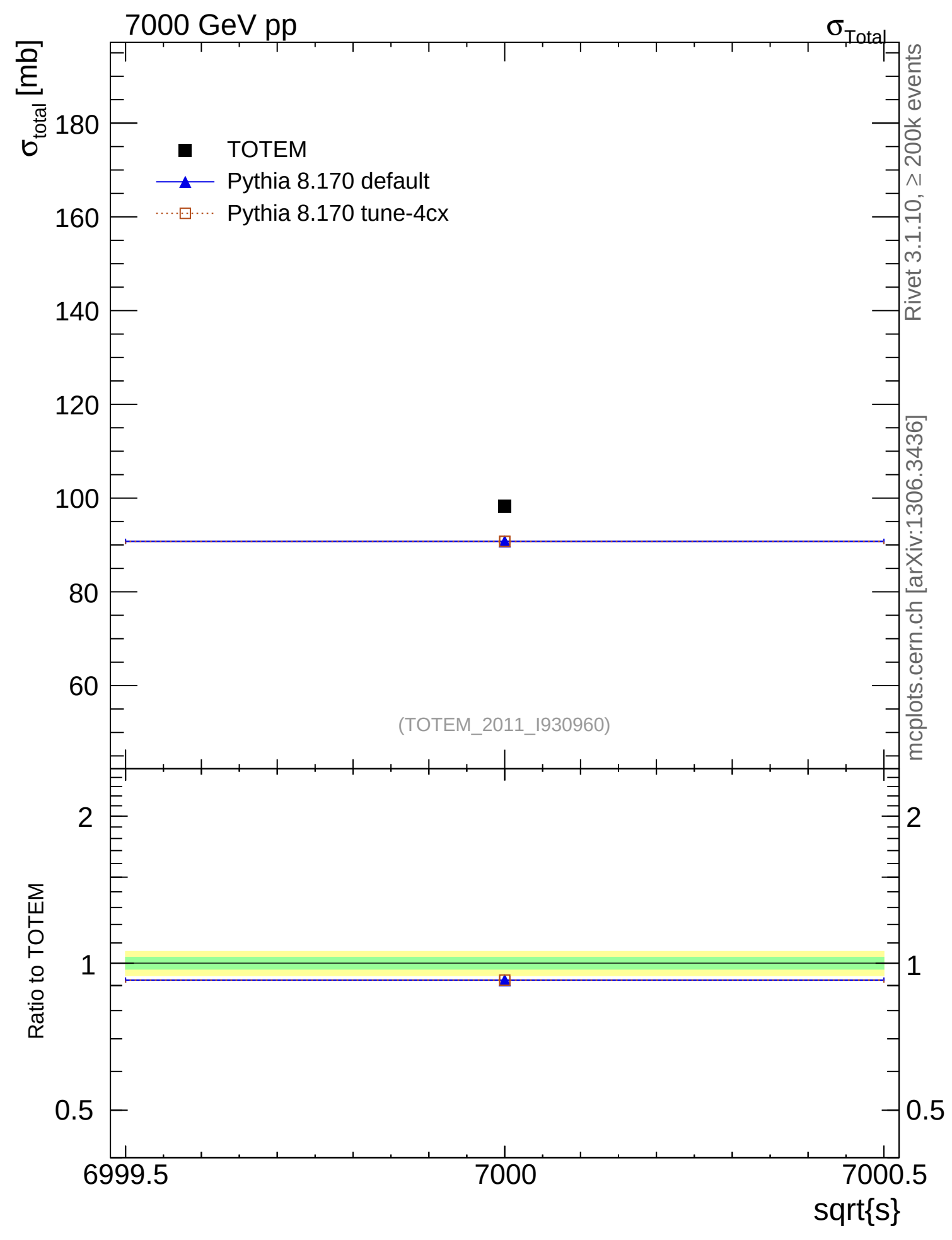
7000 GeV pp
σTotal
σtotal [mb]
TOTEM
Pythia 8.170 default
Pythia 8.170 tune-4cx
(TOTEM_2011_I930960)
Rivet 3.1.10, ≥ 200k events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to TOTEM
sqrt{s}
180
160
140
120
100
80
60
2
1
0.5
6999.5
7000
7000.5