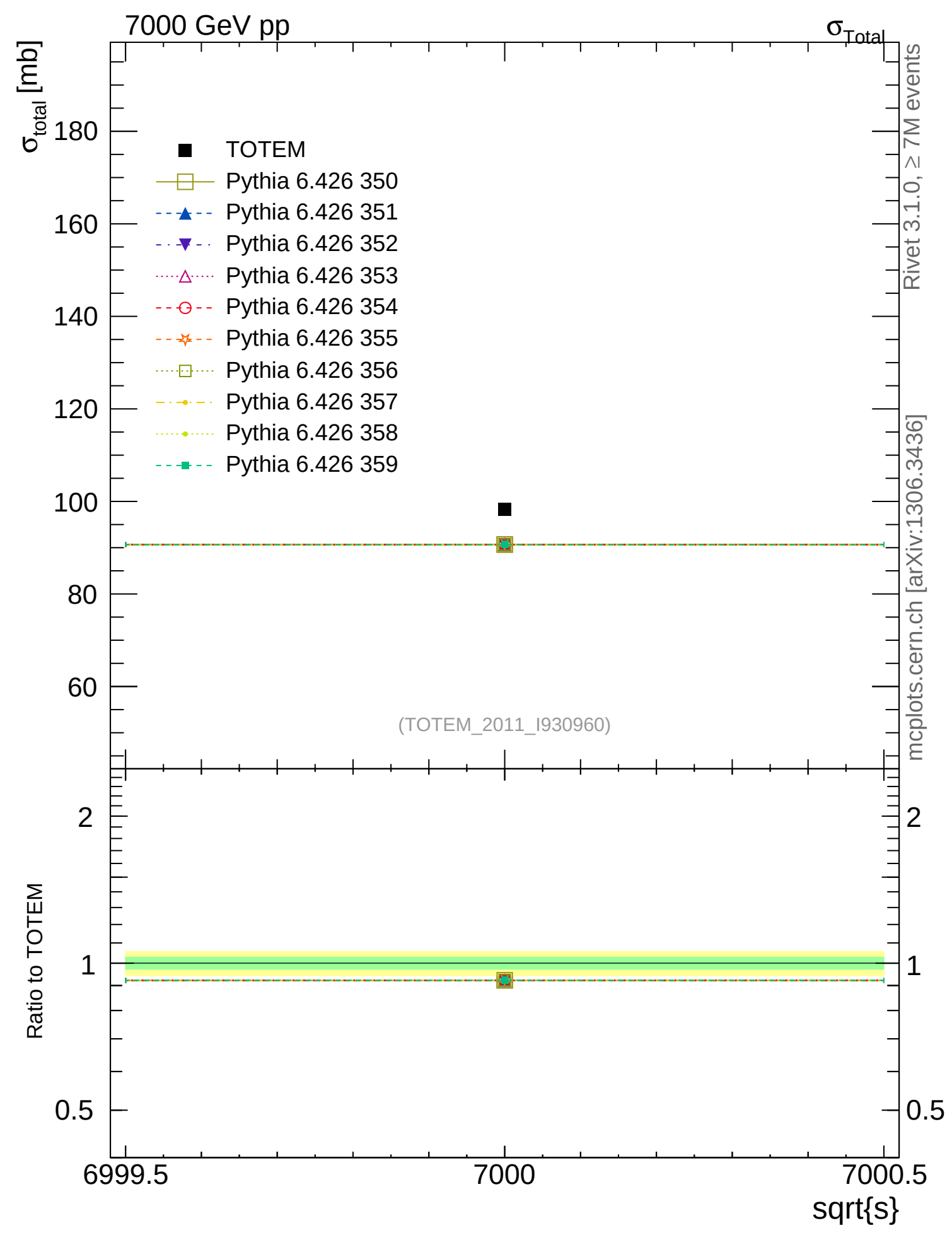
7000 GeV pp
σTotal
σtotal [mb]
180
160
140
120
100
80
60
TOTEM
Pythia 6.426 350
Pythia 6.426 351
Pythia 6.426 352
Pythia 6.426 353
Pythia 6.426 354
Pythia 6.426 355
Pythia 6.426 356
Pythia 6.426 357
Pythia 6.426 358
Pythia 6.426 359
(TOTEM_2011_I930960)
Rivet 3.1.0, ≥ 7M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to TOTEM
2
1
0.5
6999.5
7000
7000.5
sqrt{s}