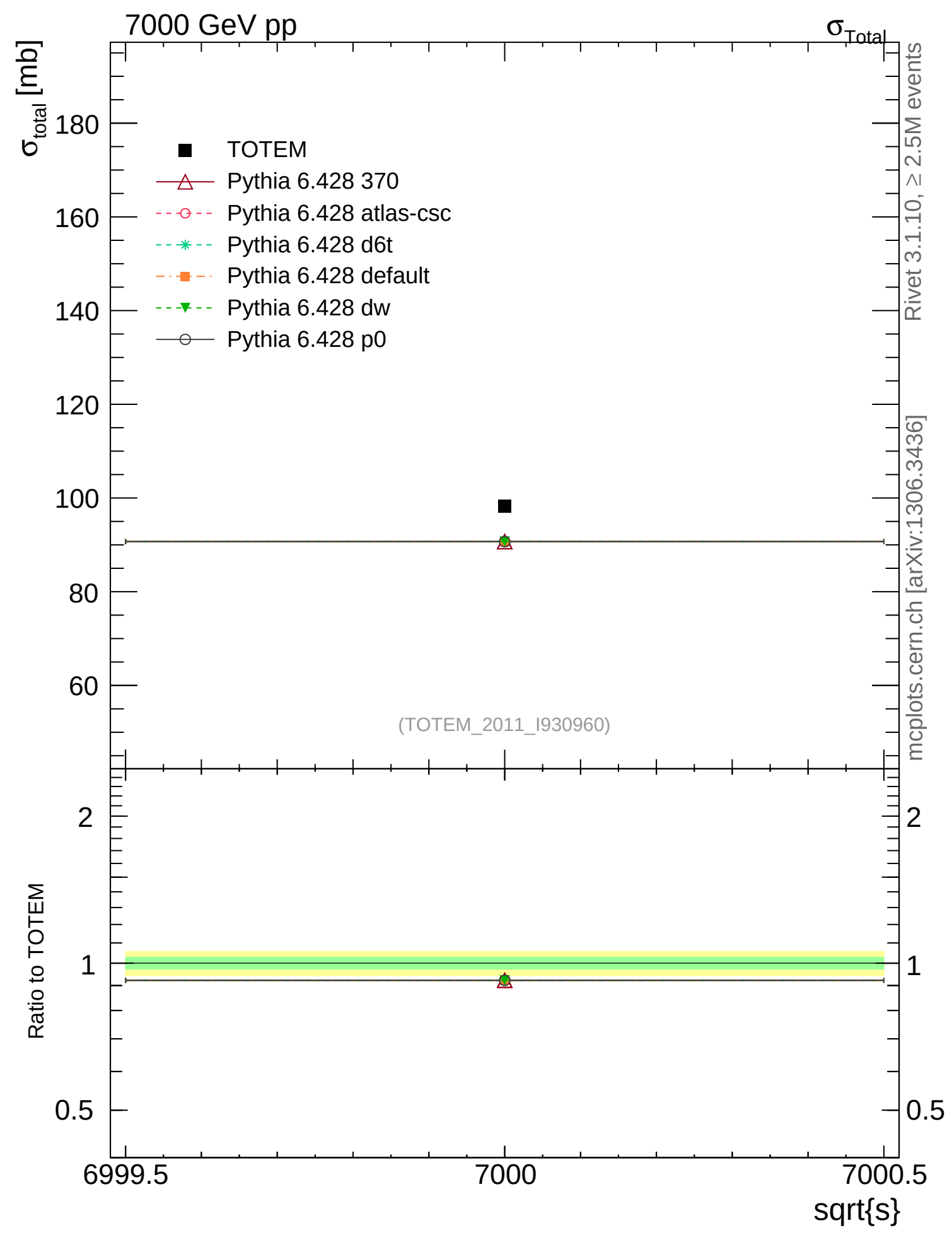
7000 GeV pp
σTotal
σtotal [mb]
180
160
140
120
100
80
60
TOTEM
Pythia 6.428 370
Pythia 6.428 atlas-csc
Pythia 6.428 d6t
Pythia 6.428 default
Pythia 6.428 dw
Pythia 6.428 p0
(TOTEM_2011_I930960)
Rivet 3.1.10, ≥ 2.5M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to TOTEM
2
1
0.5
6999.5
7000
7000.5
sqrt{s}