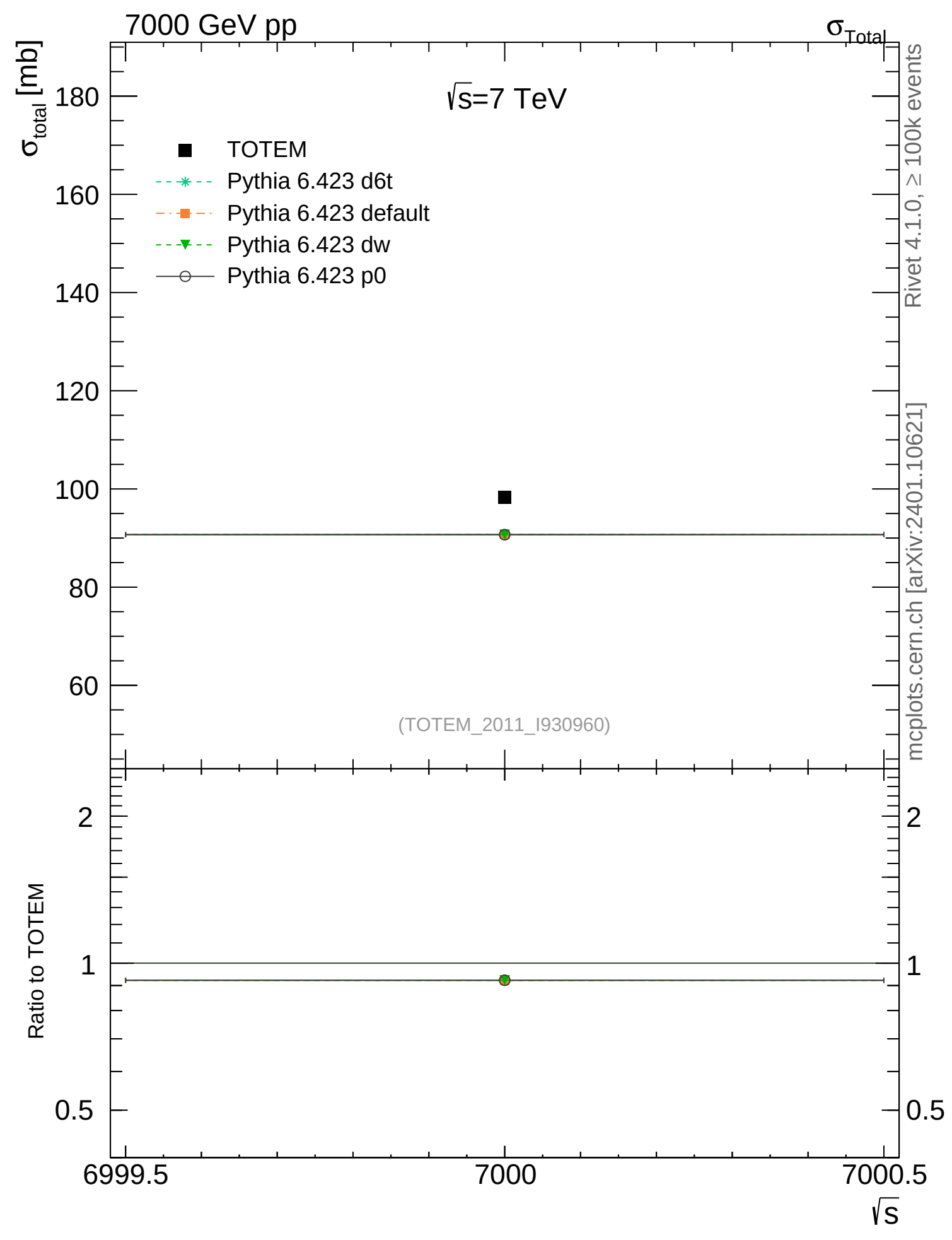
7000 GeV pp
σTotal
√s=7 TeV
σtotal [mb]
TOTEM
Pythia 6.423 d6t
Pythia 6.423 default
Pythia 6.423 dw
Pythia 6.423 p0
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
(TOTEM_2011_I930960)
Ratio to TOTEM
180
160
140
120
100
80
60
2
1
0.5
6999.5
7000
7000.5
√s