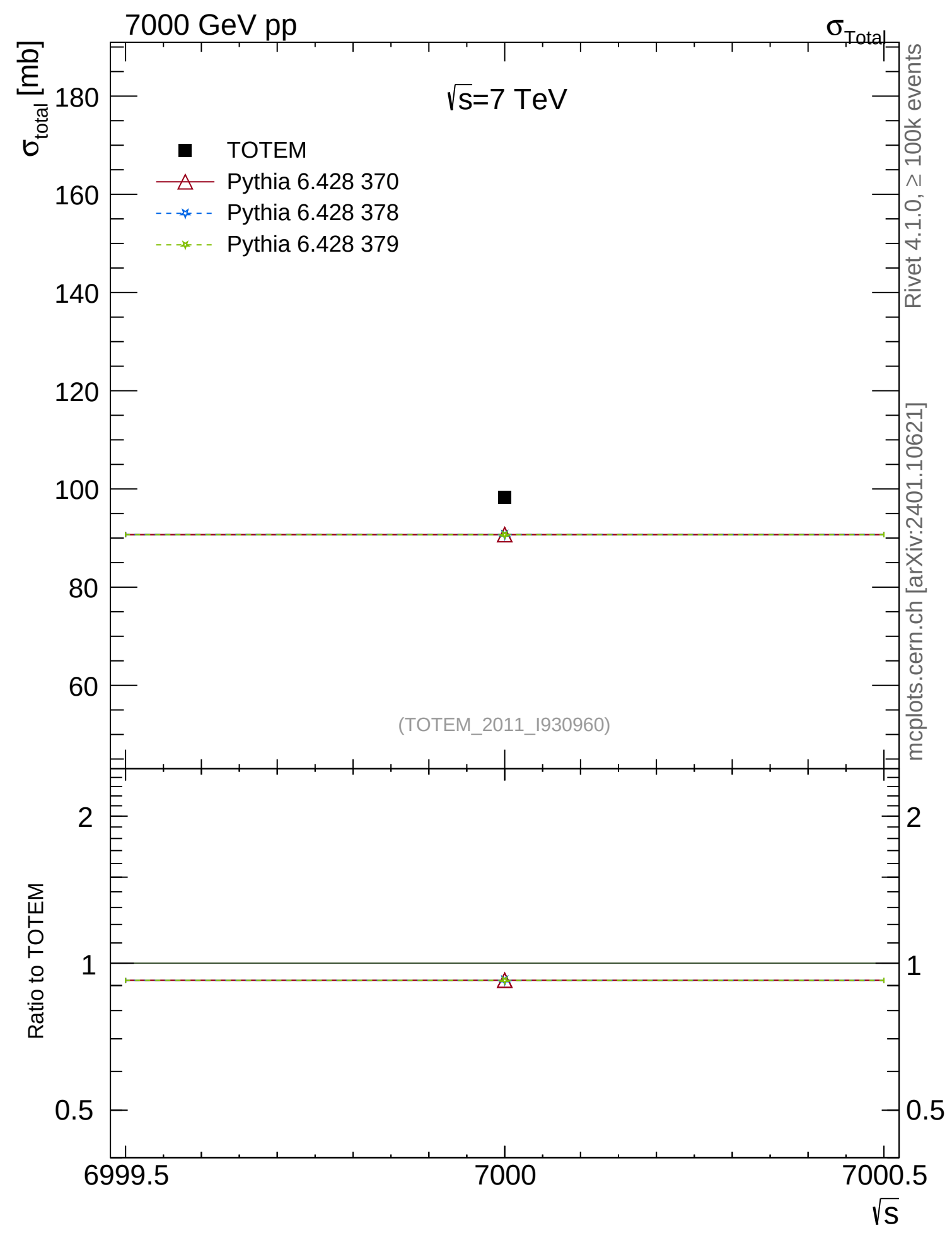
7000 GeV pp
σTotal
√s=7 TeV
σtotal [mb]
TOTEM
Pythia 6.428 370
Pythia 6.428 378
Pythia 6.428 379
180
160
140
120
100
80
60
(TOTEM_2011_I930960)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to TOTEM
2
1
0.5
6999.5
7000
7000.5
√s