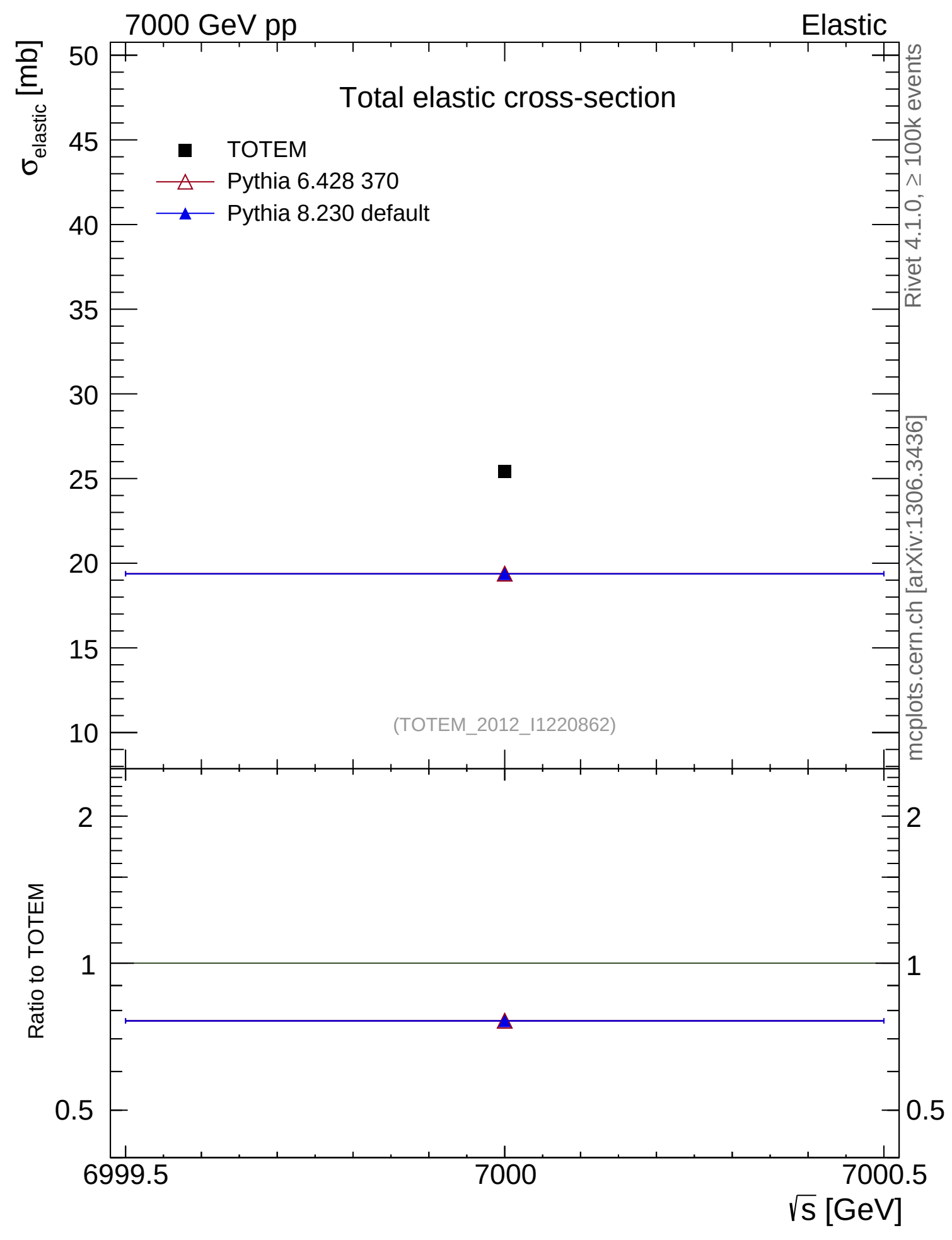
7000 GeV pp
Elastic
Total elastic cross-section
TOTEM
Pythia 6.428 370
Pythia 8.230 default
σelastic [mb]
50
45
40
35
30
25
20
15
10
(TOTEM_2012_I1220862)
Ratio to TOTEM
2
1
0.5
6999.5
7000
7000.5
√s [GeV]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]