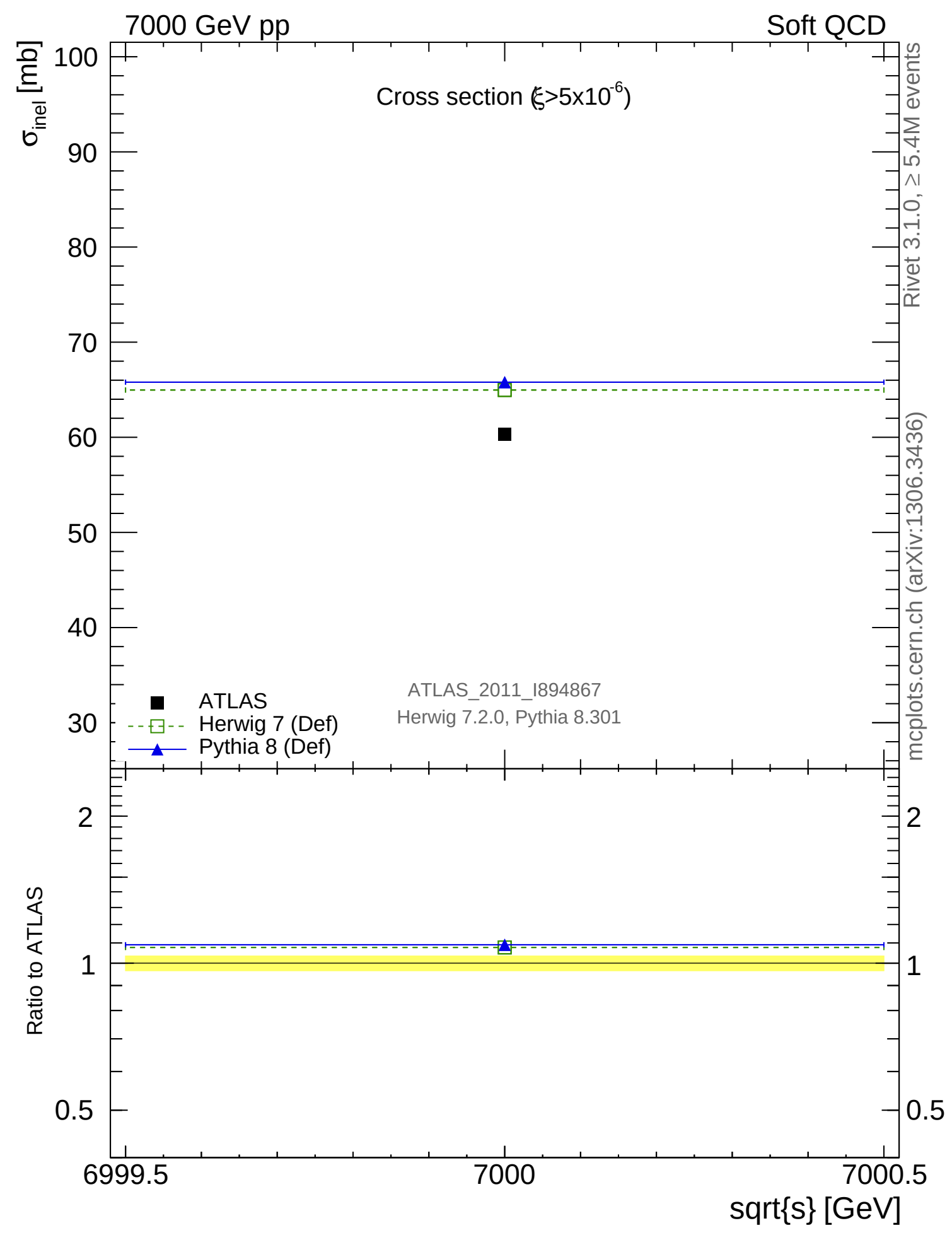
7000 GeV pp
Soft QCD
Cross section (ξ>5x10^-6)
σ_inel [mb]
100
90
80
70
60
50
40
30
ATLAS
Herwig 7 (Def)
Pythia 8 (Def)
ATLAS_2011_I894867
Herwig 7.2.0, Pythia 8.301
Rivet 3.1.0, ≥ 5.4M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to ATLAS
2
1
0.5
6999.5
7000
7000.5
sqrt{s} [GeV]