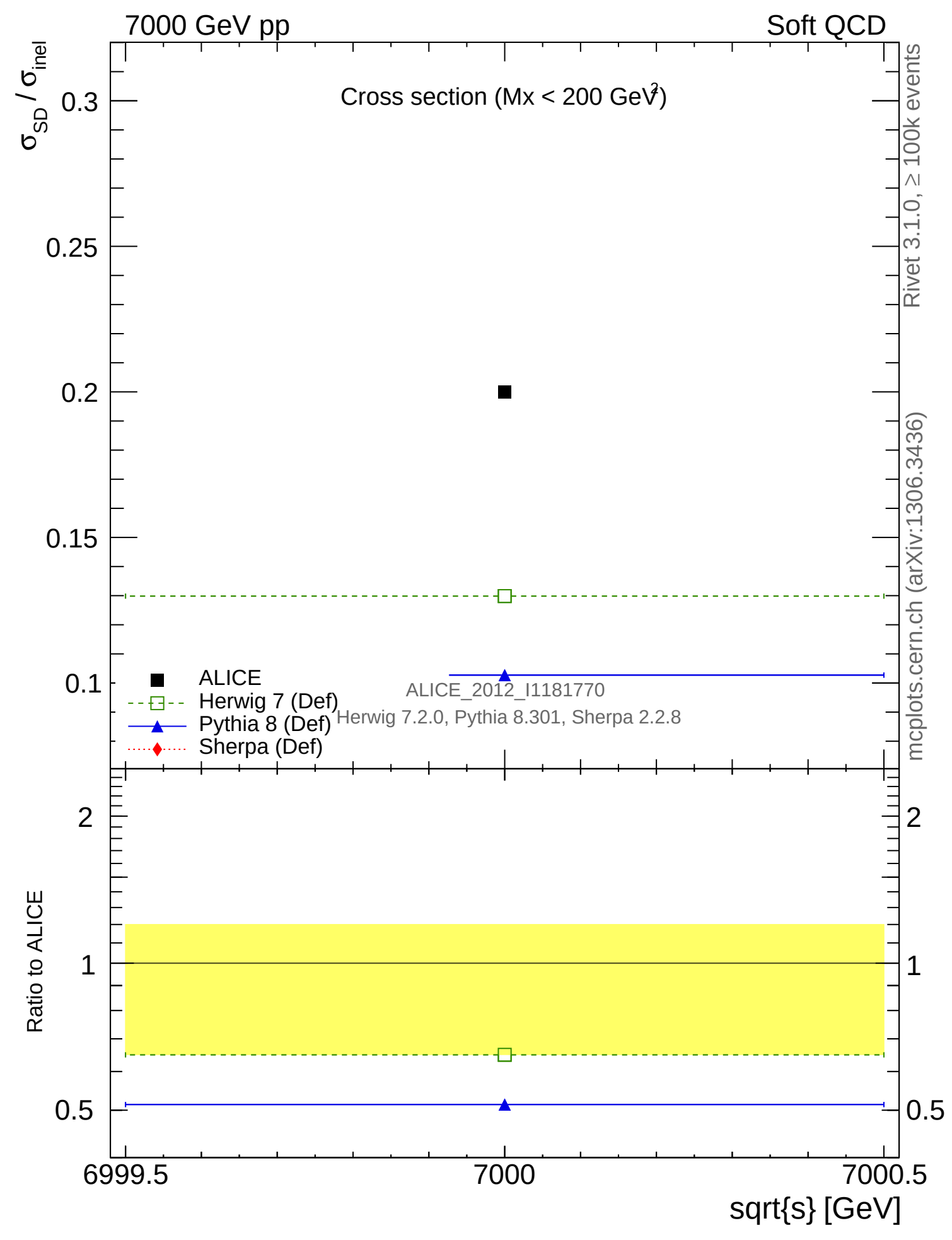
7000 GeV pp
Soft QCD
Cross section (Mx < 200 GeV²)
σSD / σinel
0.3
0.25
0.2
0.15
0.1
ALICE
Herwig 7 (Def)
Pythia 8 (Def)
Sherpa (Def)
ALICE_2012_I1181770
Herwig 7.2.0, Pythia 8.301, Sherpa 2.2.8
Rivet 3.1.0, ≥ 100k events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to ALICE
2
1
0.5
6999.5
7000
7000.5
sqrt{s} [GeV]