s in [cm]	g in [m/s²]
40.0	9.246211115
45.0	9.302968469
50.0	9.350565633
55.0	9.431393054
60.0	9.436562608
65.0	9.455584968
70.0	9.480689296
75.0	9.509390641
80.0	9.539081077
85.0	9.544449345
90.0	9.573081473