s in $[cm]$	g in $[m/s^2]$	$\Delta_{abs}g$ in $[m/s^2]$	$\Delta_{rel}g$ in %
40.0	9.242823294	0.00338782	0.036640092
45.0	9.2991336	0.003834869	0.041221993
50.0	9.34628267	0.004282962	0.045804314
55.0	9.426640853	0.004752201	0.050387055
60.0	9.431375309	0.005187299	0.054970217
65.0	9.449953808	0.00563116	0.0595538
70.0	9.47460859	0.006080706	0.064137803
75.0	9.502855576	0.006535065	0.068722227
80.0	9.532088256	0.006992821	0.073307073
85.0	9.53701495	0.007434395	0.077892339
90.0	9.565185785	0.007895689	0.082478026