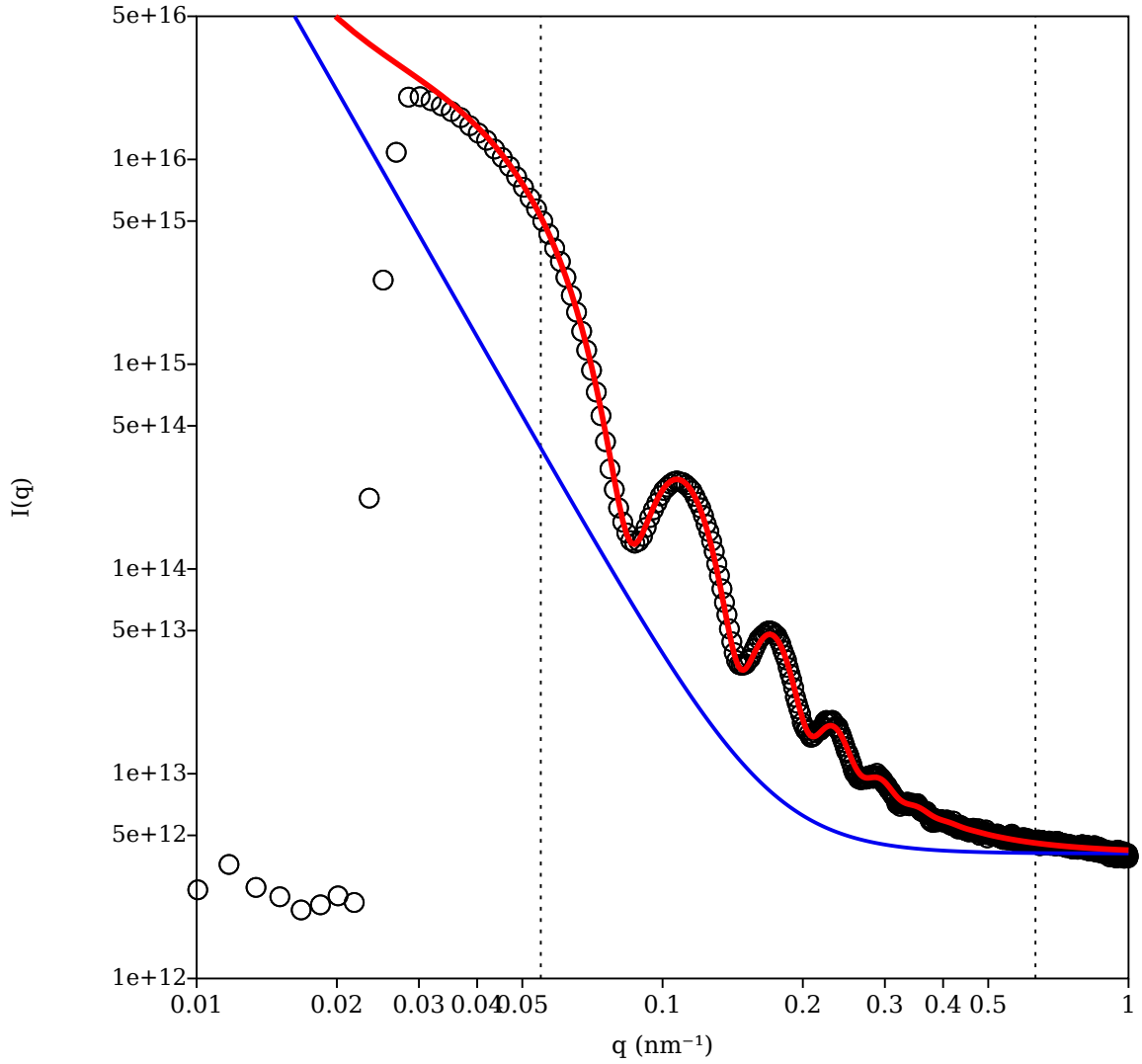
Results of fitting model Core-Shell to PS-Kisker-Aug2014.dat

/home/rgarciad/Dokumente/Projects/Experimental data/2014-08/Comparison_Kisker_NPs/curves water/PS-Kisker-Aug2014.dat

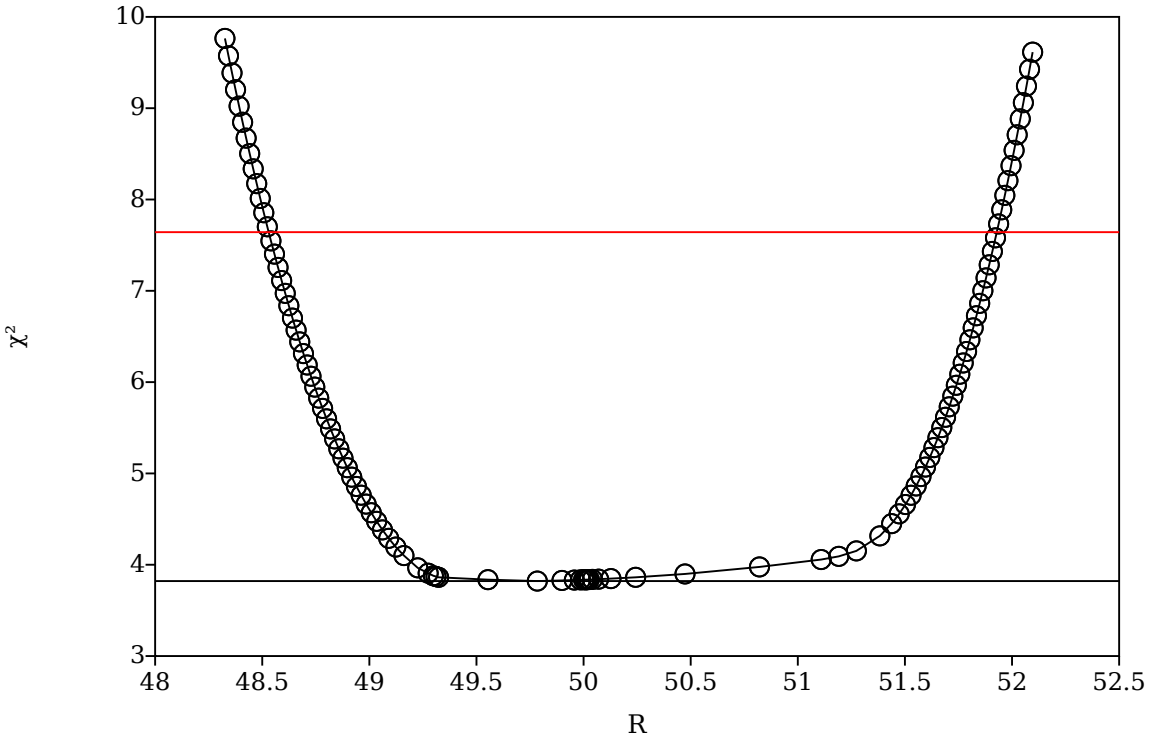


Diameter of particles is 100.46 ± 3.40 (1σ) Best fit diameter 100.03

Parameters of fitting the model:

format: q=$1 I=$2 err=$4
qrange: 0.054783439310794116 ≤ q ≤ 0.6313452977617349
Random seed 12345703, 5000 iterations
R= 50.012555379103276 (35 ≤ R ≤ 53)
σ= 3.4798872272937156 (1.5 ≤ σ ≤ 10)
μ= 0.3713330628435028 (0 ≤ μ ≤ 5)
ν= 0.972610066683417 (0.8 ≤ ν ≤ 1)
α= 4.0 (4 ≤ α ≤ 4)
N= 662840.785549038
c_0= 4077474192778.139
c_4= 3475935134.023823
χ^2= 3.8368565509965333

Uncertainty scan



Critical values at $\chi^2 = 2.0\ \chi^2_{min}$: R = 48.53008584232704, 51.92877740310777
Report saved under /home/rgarciad/Dokumente/Projects/Experimental data/2014-08/Comparison_Kisker_NPs/curves water/PS-Kisker-Aug2014-AutoSAXS.pdf