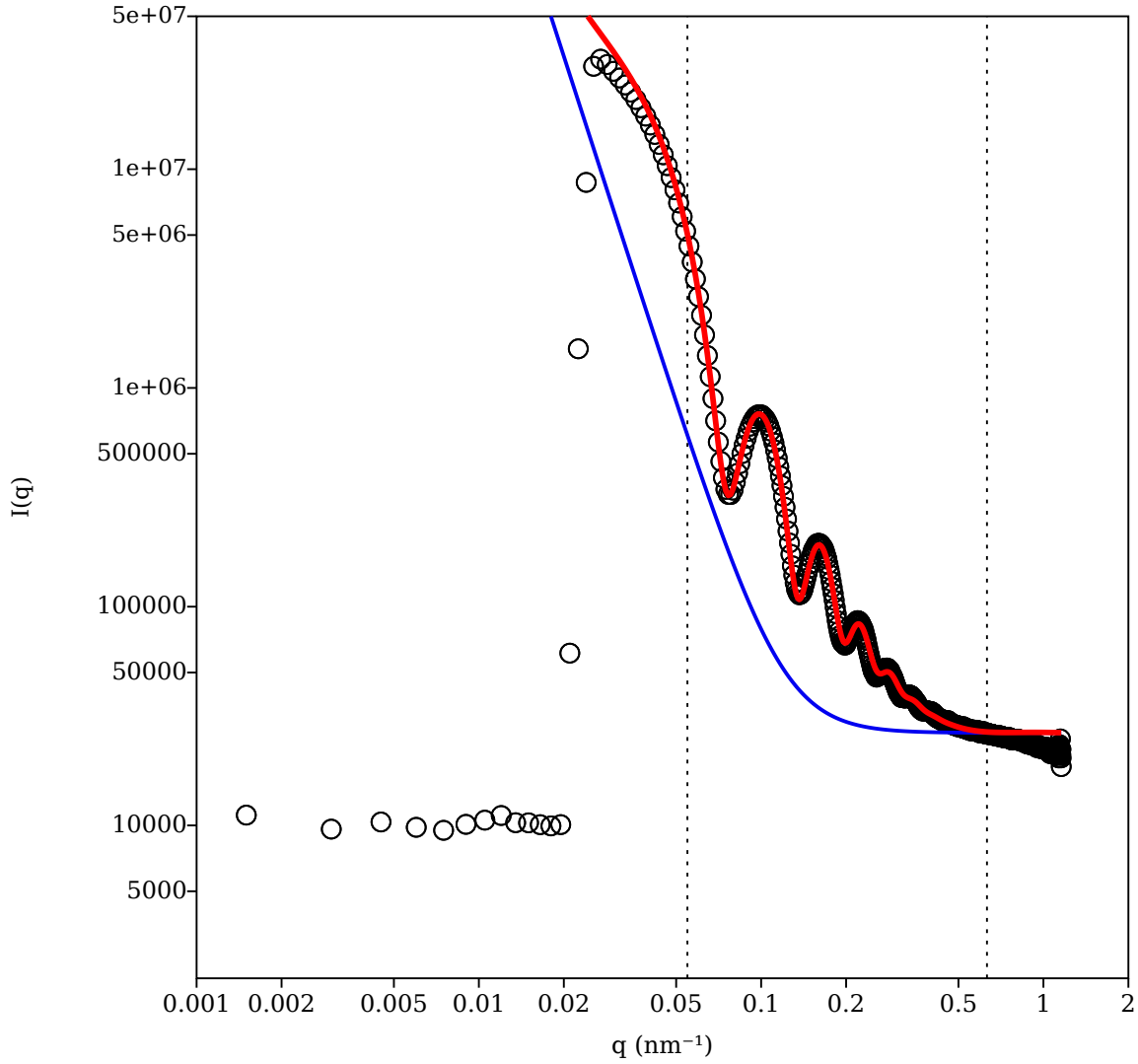
Results of fitting model Core-Shell to PS-Kisker-Jul2013.dat

/home/rgarciad/Dokumente/Projects/Experimental data/2014-08/Comparison_Kisker_NPs/curves water/PS-Kisker-Jul2013.dat

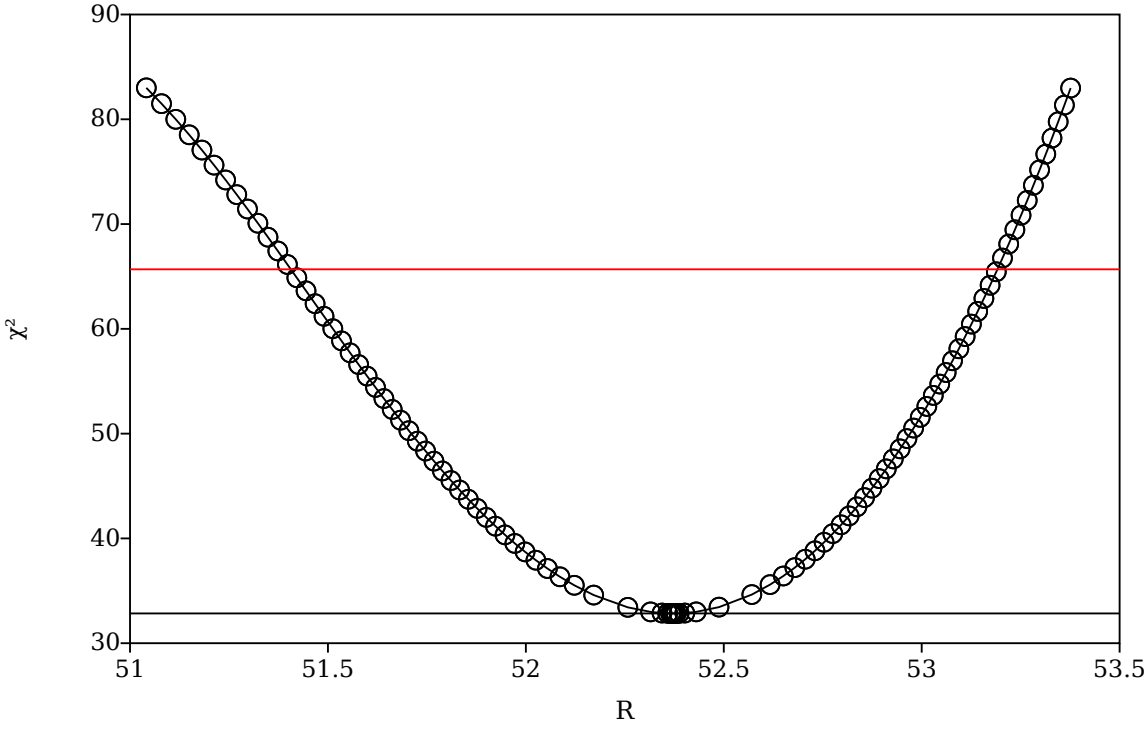


Diameter of particles is 104.60 ± 1.79 (1σ) Best fit diameter 104.75

Parameters of fitting the model:

format: q=$1 I=$2 err=$4
qrange: 0.0548 ≤ q ≤ 0.631
Random seed 12345709, 3000 iterations
R= 52.37273987452428 (35 ≤ R ≤ 53)
σ= 3.74921386882365 (1. ≤ σ ≤ 10)
μ= 0.4175416913415976 (0 ≤ μ ≤ 1)
ν= 0.8319537502312916 (0.3 ≤ ν ≤ 1)
α= 4.0 (4 ≤ α ≤ 4)
N= 0.00030612131831330705
c_0= 26478.29713143385
c_4= 5.246454083113519
χ^2= 32.84063508106812

Uncertainty scan



Critical values at $\chi^2 = 2.0\ \chi^2_{min}$: R = 51.40626381896137, 53.19132088743926
Report saved under /home/rgarciad/Dokumente/Projects/Experimental data/2014-08/Comparison_Kisker_NPs/curves water/PS-Kisker-Jul2013-AutoSAXS.pdf