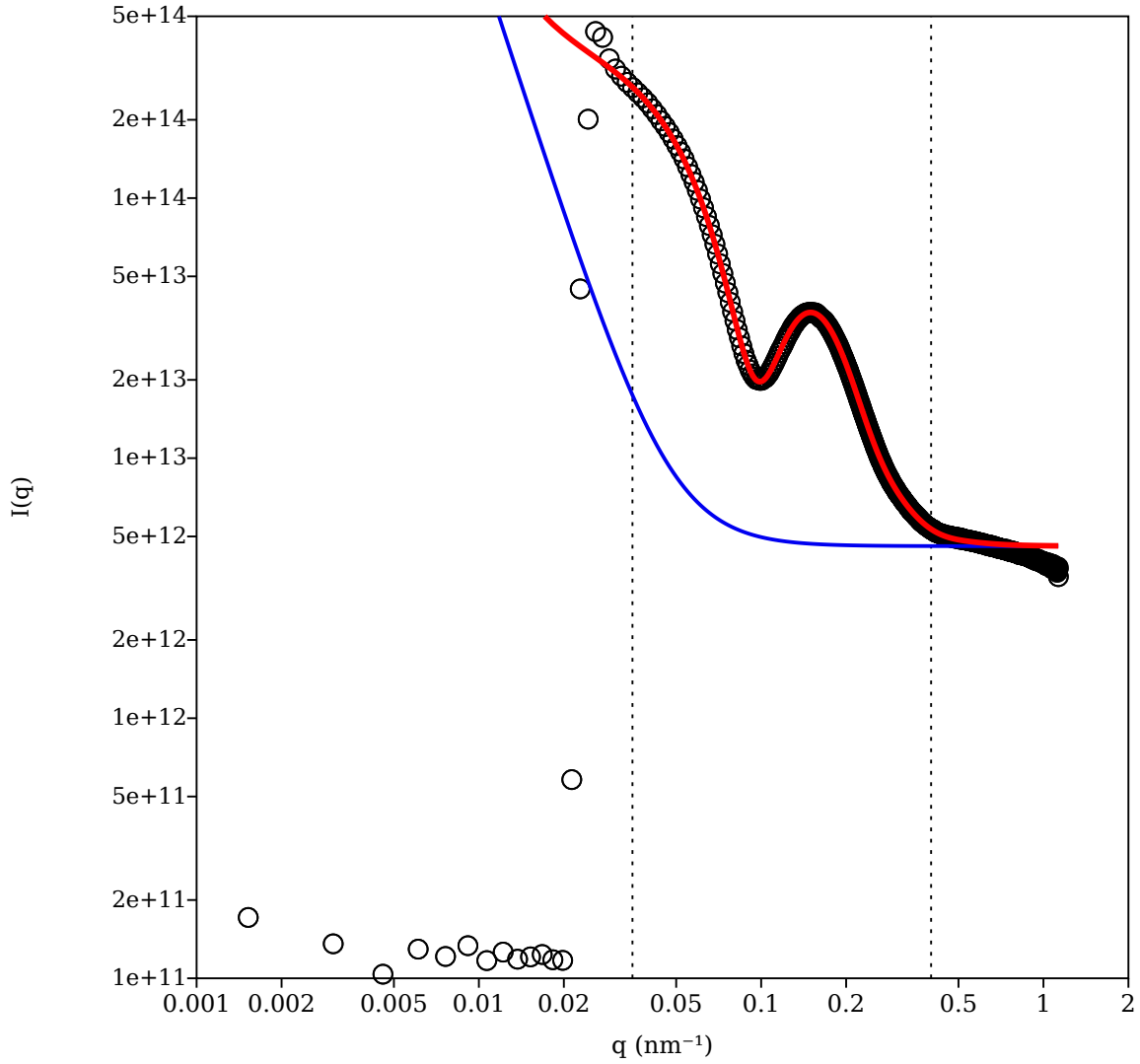
Results of fitting model Core-Shell to caelyx_iodixanol.dat

/home/rgarciad/Dokumente/Projects/Contrast matching/Caelyx/Experimental_Aug_2014/Round Capillaries/caelyx_iodixanol.dat

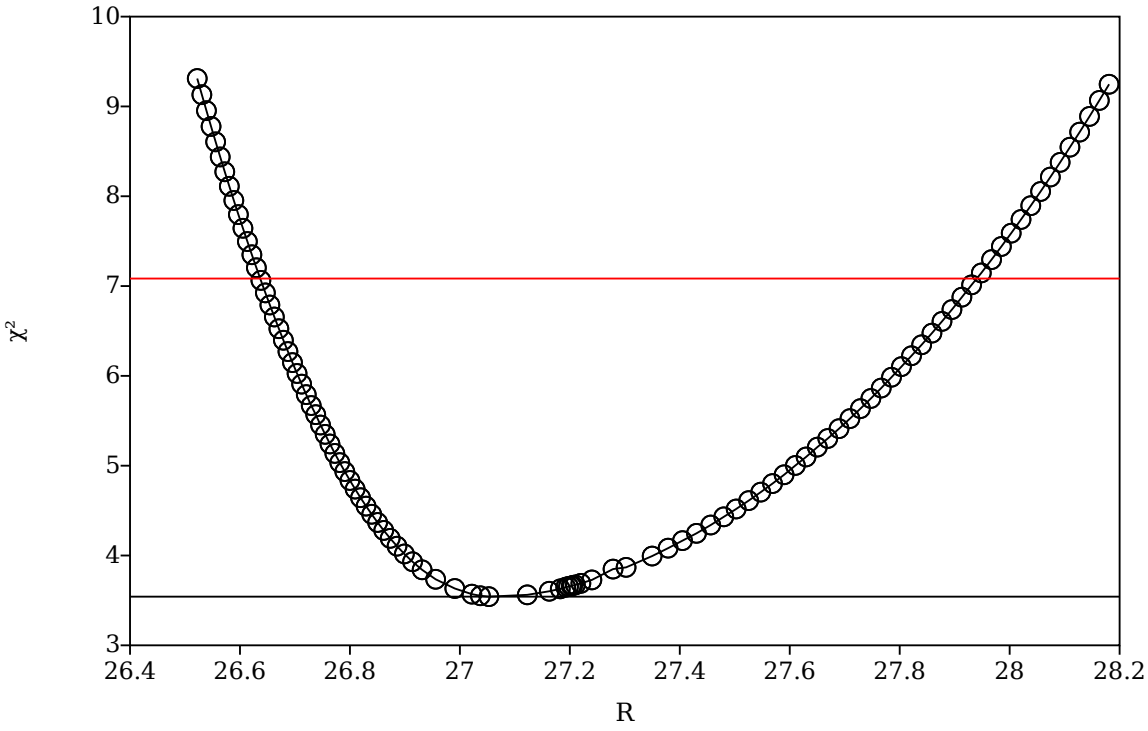


Diameter of particles is 54.58 ± 1.30 (1σ) Best fit diameter 54.40

Parameters of fitting the model:

format: q=$1 I=$2 err=$3
qrange: 0.035 ≤ q ≤ 0.4
Random seed 12345711, 500 iterations
R= 27.200074251327504 (25 ≤ R ≤ 50)
σ= 7.643604864468909 (0.1 ≤ σ ≤ 10)
μ= -7.244123405858042 (-10 ≤ μ ≤ 10)
ν= 0.30348784309061544 (0 ≤ ν ≤ 1)
α= 3.350676323311188 (1 ≤ α ≤ 5)
N= 37722.75955146659
c_0= 4588381498618.062
c_4= 172085643.47209513
χ^2= 3.6599746395985076

Uncertainty scan



Critical values at $\chi^2 = 2.0\ \chi^2_{min}$: R = 26.636825683874772, 27.940127733451423
Report saved under /home/rgarciad/Dokumente/Projects/Contrast matching/Caelyx/Experimental_Aug_2014/Round Capillaries/caelyx-iodixanol-coreshell_AutoSAXS.pdf