Appendix

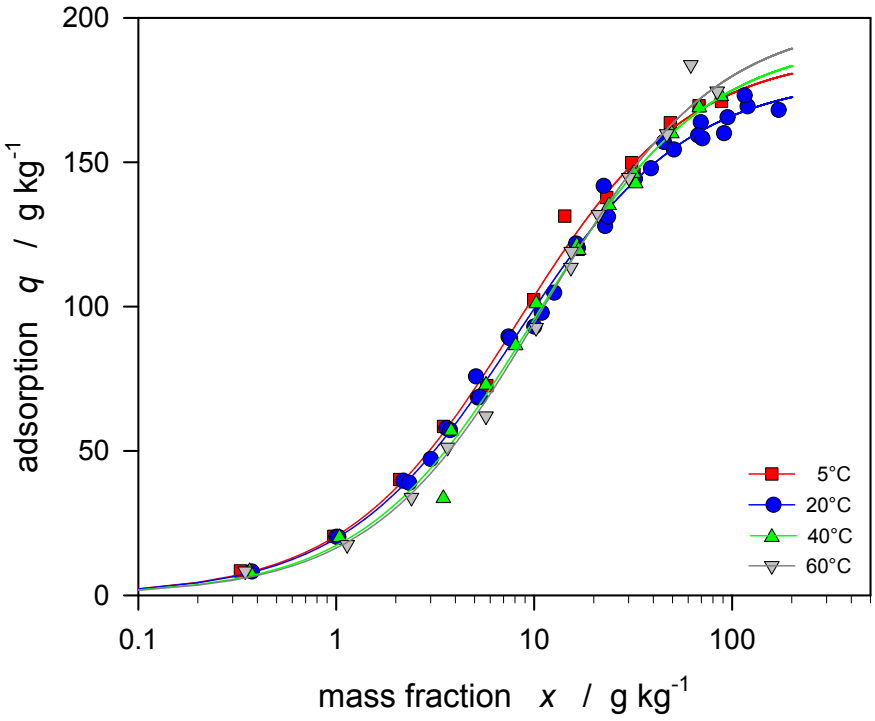

Figure A1: Langmuir adsorption isotherms for aqueous sucrose on DAY 130

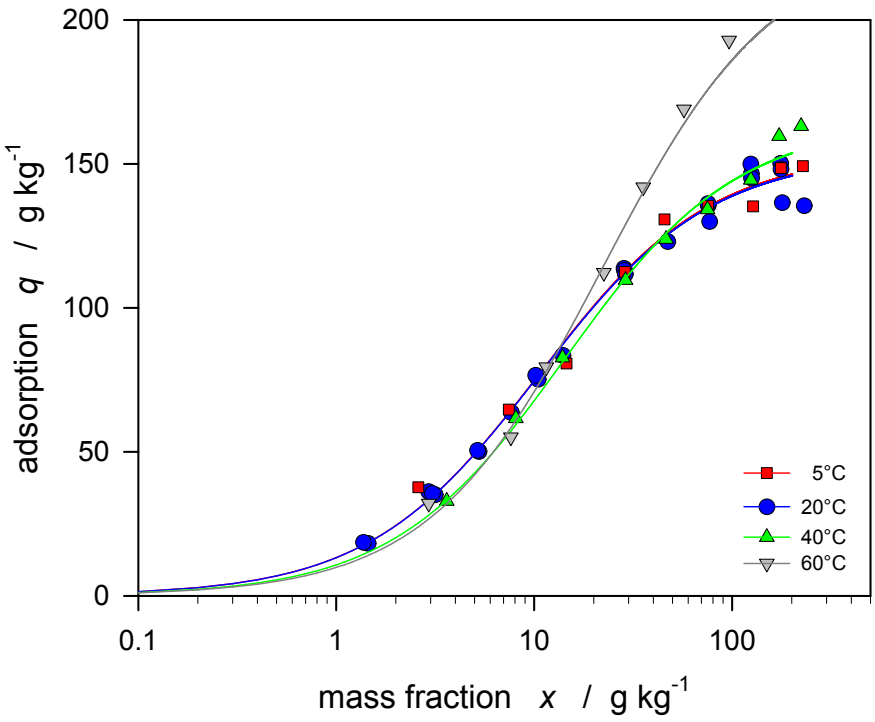

Figure A2: Langmuir adsorption isotherms for aqueous sucrose on DAY 55

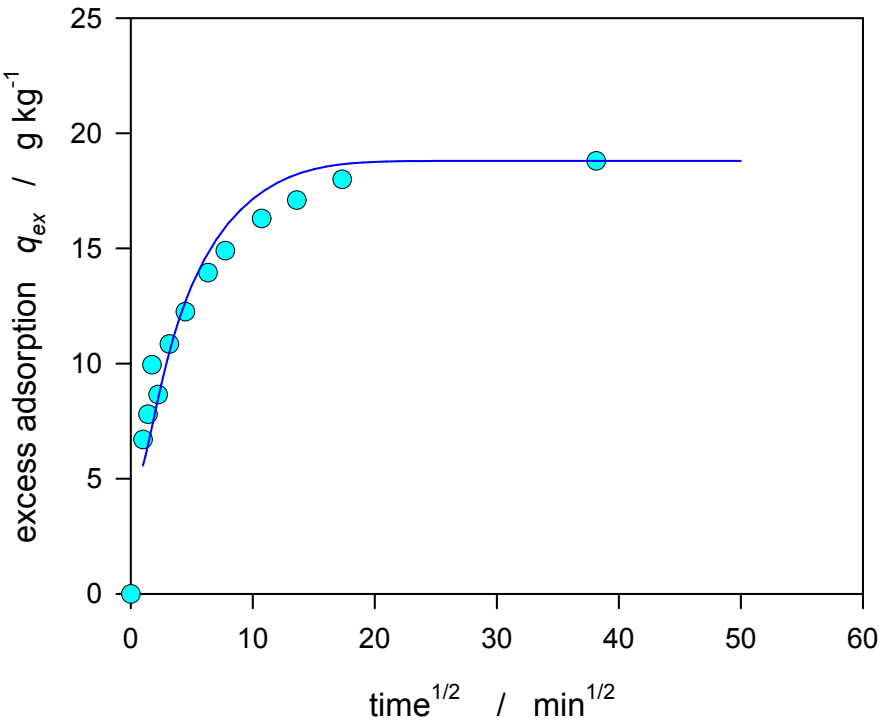

Figure A3: Rate of sucrose adsorption from water (0.1M phosphate buffer pH 7.0) at extrudates of DAY 130 (2 mm diameter, 3-4 mm length). Calculation of the up-take curve by assuming spherical particles of 2 mm diameter. D_{eff} = 1.8 10^{-11} m^2 s^{-1} .

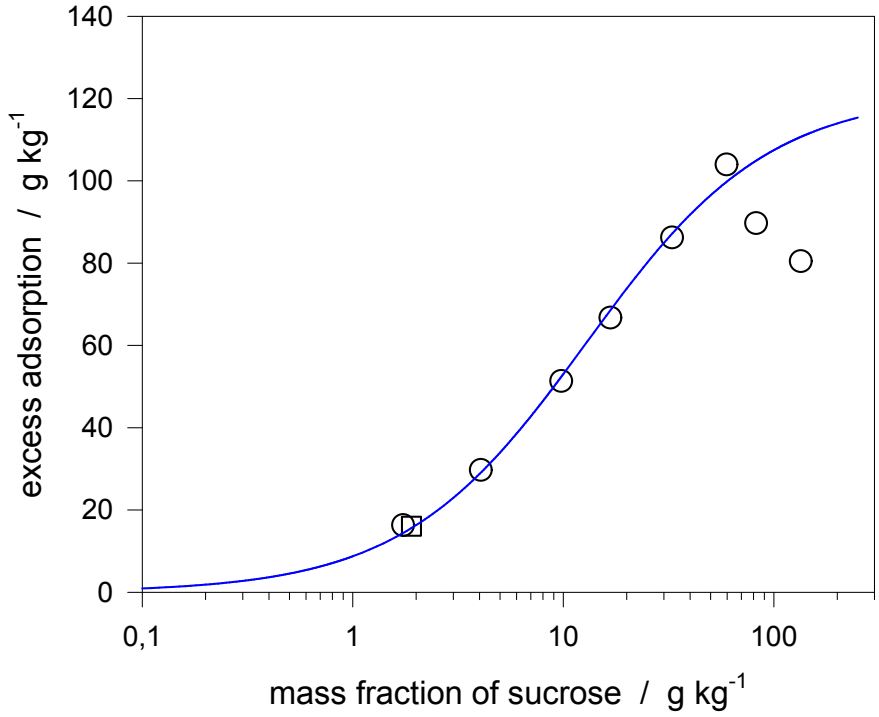

Figure A4: Langmuir adsorption of sucrose from aqueous solution (0.1M phosphate buffer pH 7.0) on extrudates of DAY (2 mm diameter, 3-4 mm length). k = 9.4 L kg^{-1}, $q_{s,ex}$ = 123 g kg^{-1}

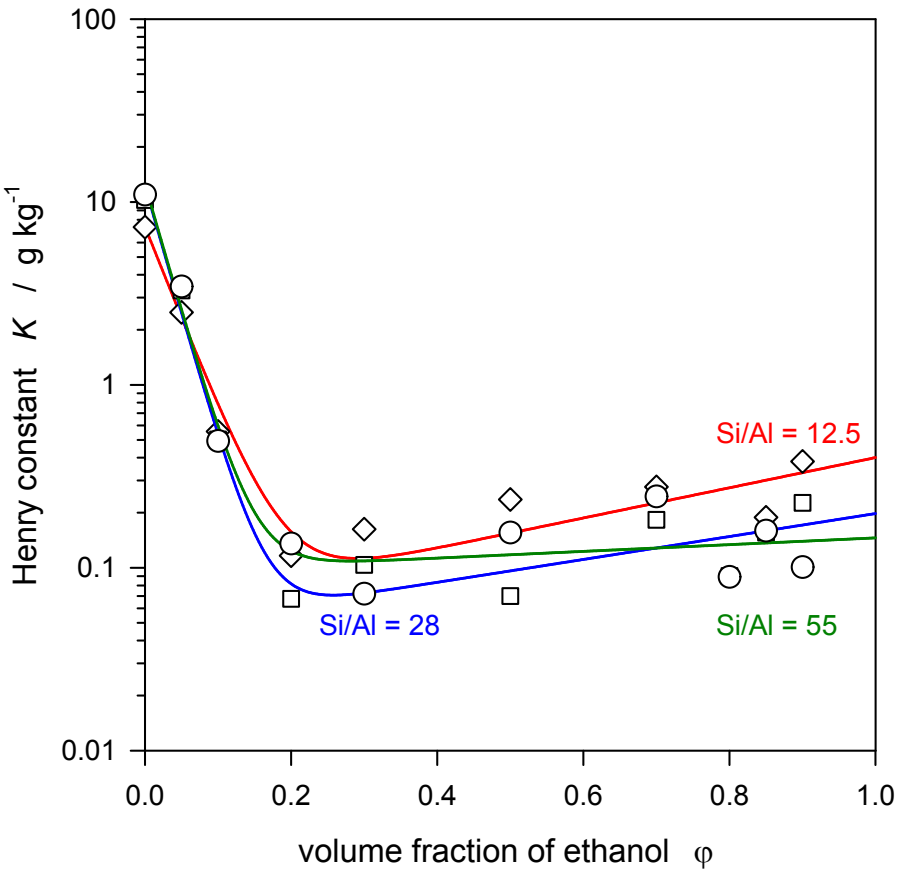

Figure A5: Henry constant of the adsorption of sucrose from ethanol-water mixtures on DAY 12.5, DAY 28, and DAY 55 at 20°C. Modeling according to equation (13,14)

Table A1: Parameters for the modeling of the *K*-values for the adsorption from aqueous ethanol solvent (see equations (13) and (14))

Si/Al	a_1	b_1	a_2	b_2
2.8	23.6	-5.15	18000	-25.5
7.6	4.31	-23.4	0.277	-1.36
12.5	7.26	-23.2	0.400	-1.90
28	12.2	-32.2	0.196	-1.46
55	12.4	-32.2	0.146	-0.425
130	21.9	-35.3	0.014	-0.140