

Table S.7a

Relative frequency of the particle number in dependence of the gravimetric particle diameter.

D_i / μm	0.010	0.022	0.041	0.072	0.122	0.200	0.314	0.482	0.759	1.250	2.017	3.017	4.448	7.312
PA_FR / %	0.0 ± 0.1	2.5 ± 2.3	11.5 ± 7.4	18.6 ± 11.7	21.3 ± 13.5	15.4 ± 9.1	14.6 ± 8.3	10.3 ± 5.9	4.1 ± 2.3	1.2 ± 0.7	0.3 ± 0.2	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
PA_ZnSt_1 / %	0.0 ± 0.1	3.8 ± 5.4	13.3 ± 11.4	16.8 ± 13.5	18.9 ± 13.3	15.3 ± 10.4	14.6 ± 10.4	10.9 ± 7.6	4.6 ± 3.4	1.3 ± 1.0	0.3 ± 0.2	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
PA_ZnSt_5 / %	11.8 ± 16.1	6.8 ± 6.1	17.8 ± 1.6	16.4 ± 3.6	16.8 ± 4.2	11.4 ± 2.9	10.0 ± 2.6	6.2 ± 1.5	2.1 ± 0.5	0.5 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
PA_ZnP / %	8.0 ± 13.9	3.3 ± 3.9	12.5 ± 3.1	16.0 ± 5.6	18.1 ± 6.4	15.2 ± 4.7	13.1 ± 4.1	9.0 ± 2.7	3.5 ± 0.9	1.0 ± 0.2	0.2 ± 0.1	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
PA_TiO2 / %	0.0 ± 0.1	1.0 ± 1.4	10.4 ± 14.4	14.1 ± 11.2	23.5 ± 9.2	17.9 ± 6.2	15.6 ± 6.7	11.3 ± 4.5	4.4 ± 1.5	1.3 ± 0.4	0.3 ± 0.1	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1
PA_HT / %	0.0 ± 0.1	0.0 ± 0.1	0.6 ± 0.4	14.3 ± 0.8	32.2 ± 1.2	21.4 ± 0.9	17.3 ± 1.3	10.2 ± 1.2	3.2 ± 0.7	0.6 ± 0.2	0.1 ± 0.1	0.1 ± 0.1	0.0 ± 0.1	0.0 ± 0.1

Table S.7b

Relative frequency of the particle mass in dependence of the gravimetric particle diameter.

D_i / μm	0.010	0.022	0.041	0.072	0.122	0.200	0.314	0.482	0.759	1.250	2.017	3.017	4.448	7.312
PA_FR / %	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.2 ± 0.1	0.6 ± 0.3	2.1 ± 1.2	5.2 ± 3.0	8.1 ± 4.6	10.6 ± 6.4	12.0 ± 8.7	9.7 ± 8.6	16.3 ± 16.9	35.2 ± 43.1
PA_ZnSt_1 / %	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.2 ± 0.1	0.7 ± 0.5	2.6 ± 1.8	6.9 ± 4.8	11.3 ± 8.5	14.9 ± 11.4	15.1 ± 11.6	10.1 ± 6.3	13.8 ± 8.6	24.3 ± 16.7
PA_ZnSt_5 / %	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.1 ± 0.1	0.5 ± 0.2	1.5 ± 0.6	5.2 ± 2.2	11.6 ± 4.6	15.7 ± 6.2	17 ± 6.0	14.7 ± 5.1	7.5 ± 5.6	10.9 ± 16.7	15.4 ± 34.3
PA_ZnP / %	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.3 ± 0.1	0.9 ± 0.3	3.2 ± 1.0	7.8 ± 2.3	11.8 ± 3.0	15.1 ± 2.9	15.8 ± 1.1	11.1 ± 1.3	14.2 ± 4.0	19.7 ± 9.7
PA_TiO2 / %	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.2 ± 0.1	0.8 ± 0.3	2.5 ± 1.1	6.6 ± 2.7	10.2 ± 3.6	13.1 ± 3.8	13.3 ± 2.1	9.5 ± 0.1	15.4 ± 0.6	28.2 ± 3.6
PA_HT / %	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.0 ± 0.1	0.4 ± 0.1	1.1 ± 0.1	3.4 ± 0.2	7.2 ± 0.9	8.7 ± 1.8	7.1 ± 2.3	7.4 ± 1.5	10.2 ± 0.6	20.1 ± 0.3	34.5 ± 2.1