Supplementary Material

Synthesis of nanoparticles in carbon arc: measurements and modeling

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*Figure S.1.* *Density (red line) and average diameter (black line) of the synthesized nanoparticles as a function of distance they passed from the beginning of carbon vapor condensation. At first 0.15 mm nanoparticles grow very fast and reach 3 nm corresponding to 10 000 atoms per particle. After that the growth rate decreases to about 3 nm in 1 mm of path.*

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