



Figure 5.6 | Dependence of the intensity-based modal Stokes' diameter on the particle density for the PS-Plain particles analysed in H_2O -sucrose (black) and D_2O -sucrose (red) gradients. The arrow indicates the crossing point of the data, where the two setups measure the same diameter and density of the colloid. This occurs for a diameter of (138.8 ± 5.8) nm and a density of (1.052 ± 0.010) g cm^{-3}