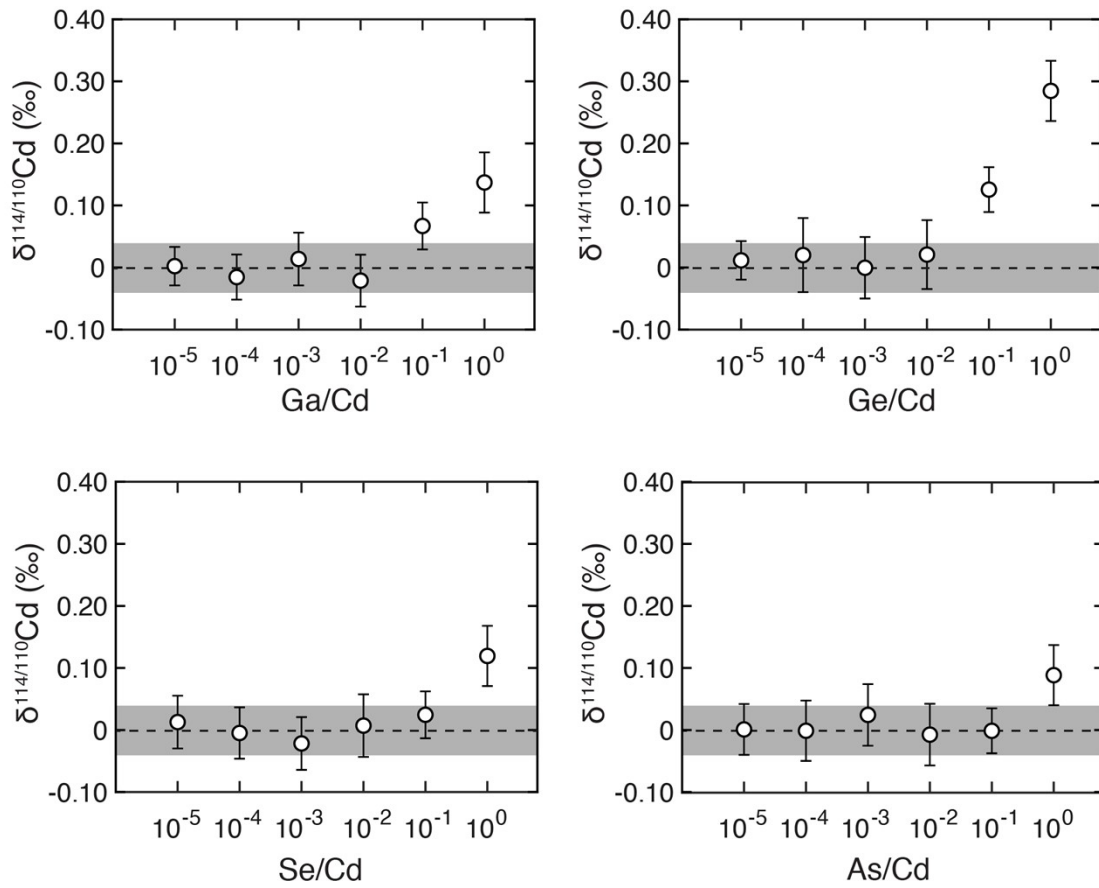
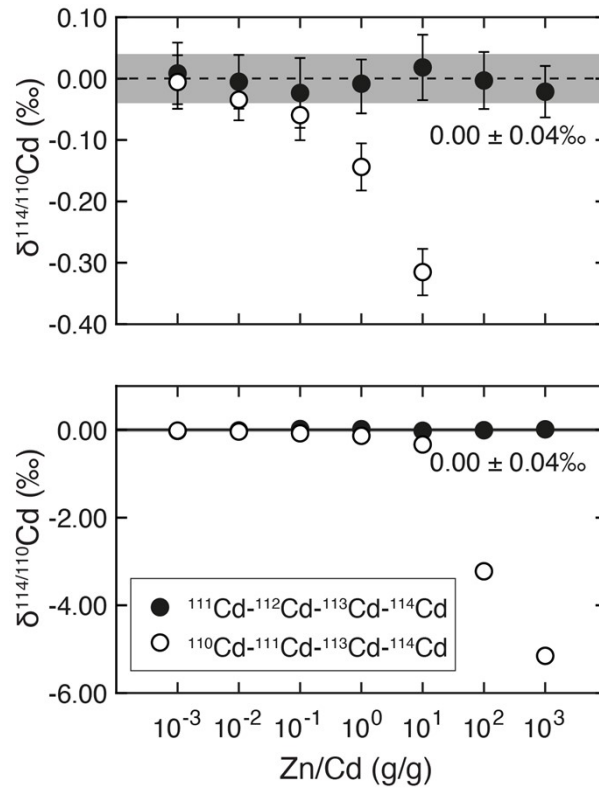


**Fig. S1.** Doping experiments for evaluating the influence of matrix elements on double spike Cd isotope measurements at a Cd concentration of  $40 \text{ ng g}^{-1}$ .



**Fig. S2.** Doping experiments for evaluating the influence of Ga, Ge, Se, and As on double spike Cd isotope measurements at a Cd concentration of  $40 \text{ ng g}^{-1}$ .



**Fig. S3.** Zn-doping experiments for evaluating the influence of Zn-argides on double spike Cd isotope measurements at a Cd concentration of  $20 \text{ ng g}^{-1}$ . The y-axis of the top panel is zoomed in to better display the data.