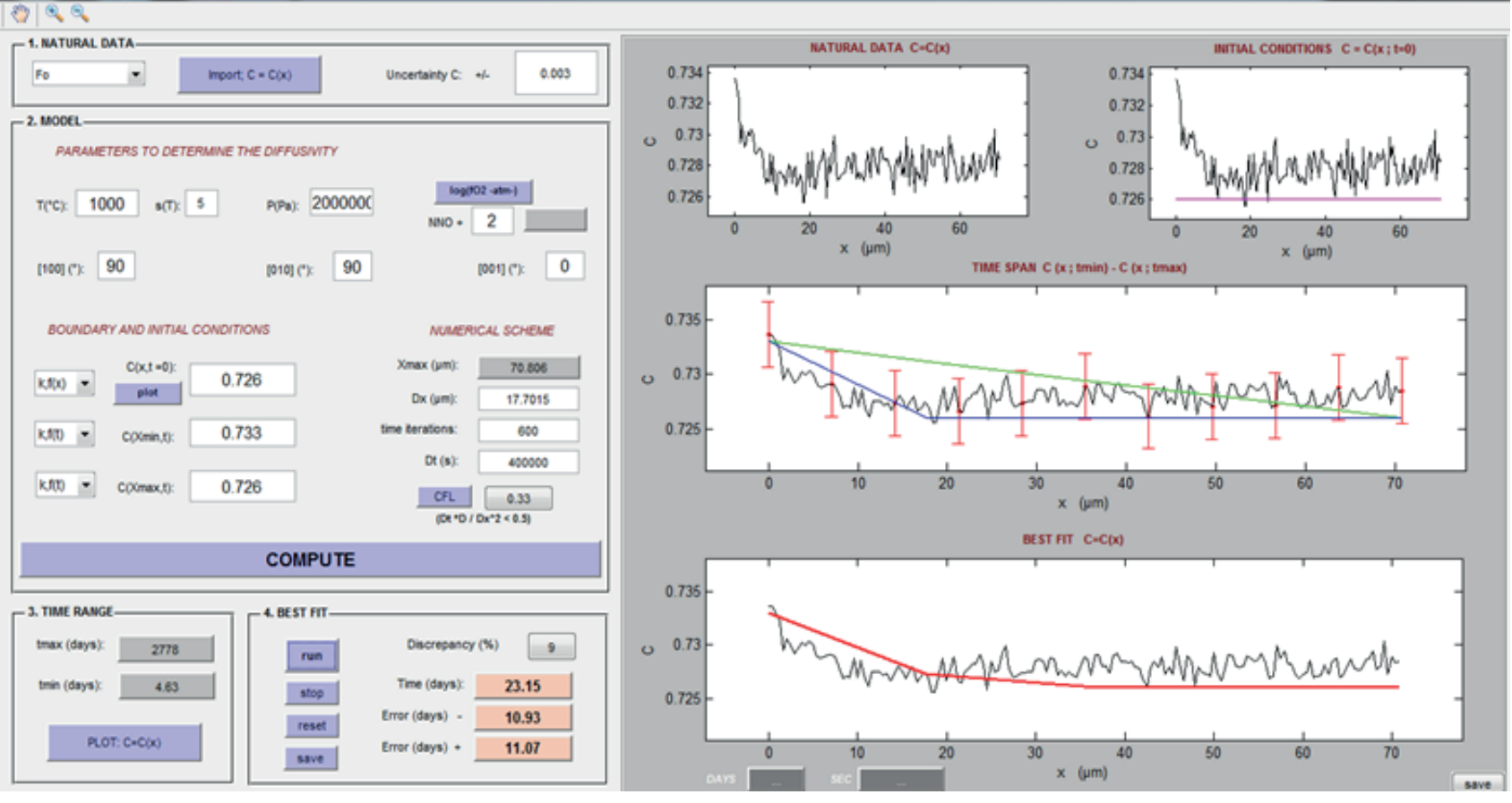

Supplementary figure 2: Olivine diffusions profiles for sample 15_SSH7B_ol02, using diffusion of Forsterite (using the Diapra program (Girona and Costa, 2013). The estimated diffusion timescale for this reverse zoning is 23 days.