

Supplementary Dataset F - Log-plot of crystal number density of plagioclase (N_A^{plag}) and pyroxene (N_A^{pyr}) plotted against the square root of the mineral surface area for Ex9 and Ex46. (A) Ex9 (static temperature) presents larger plagioclase crystals than Ex 46 (cycling), while Ex46 presents higher crystal number density of smaller plagioclase crystals ($\leq 3 \mu\text{m}^2$) than Ex9. (B) Pyroxene crystals are slightly larger in the static experiment. The circles represent area number density (N_A , mm^{-2}) and the squares represent population number density (N_V , mm^{-3}).

