



Suppl. Fig. 3. (a) Modal abundances in reaction zone derived by image analysis by combining X-ray concentration maps (Mg, Al, and Ca). (b) False-colored map shows the distribution of orthopyroxene (*purple*), clinopyroxene (*pink*) and olivine (*green*) in websterite reaction zone after run at 2 GPa, 1400°C (below the BSE image showing the pyroxenite-peridotite contact).