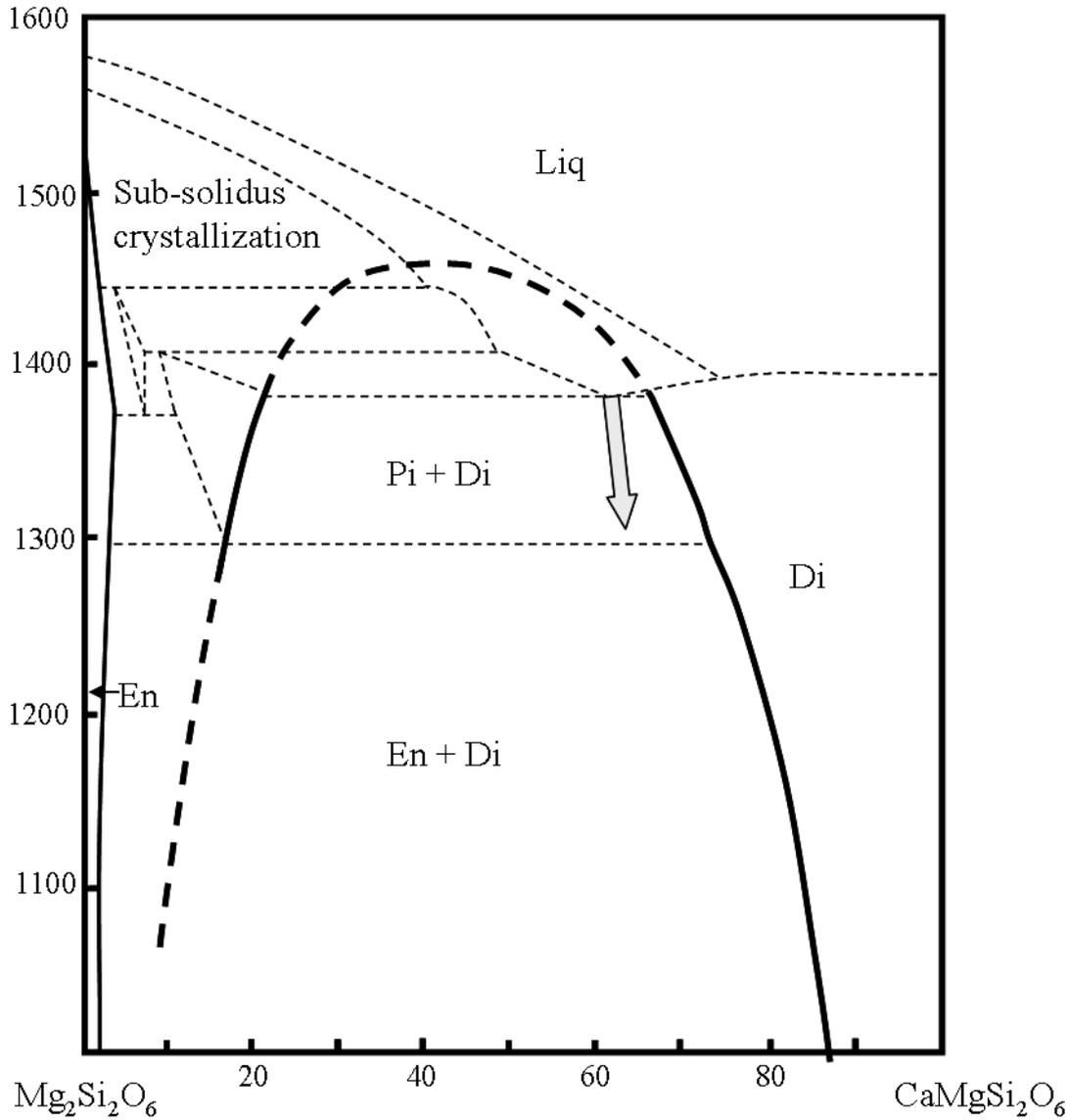


445 **Figure 3**
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454 **Figure 3:** Schematic $\text{Mg}_2\text{Si}_2\text{O}_6$ - $\text{CaMgSi}_2\text{O}_6$ binary phase diagram, adapted from Carlson
455 (1988). Dashed light line indicates the detailed high temperature sub-liquidus sequence of
456 crystallization which leads to the formation of enstatite and diopside. The miscibility gap is
457 indicated by a bold dashed line. Subsolidus exsolution in diopside, highlighted by an arrow,
458 takes place within the miscibility gap, in the two-phase field diopside + pigeonite.
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