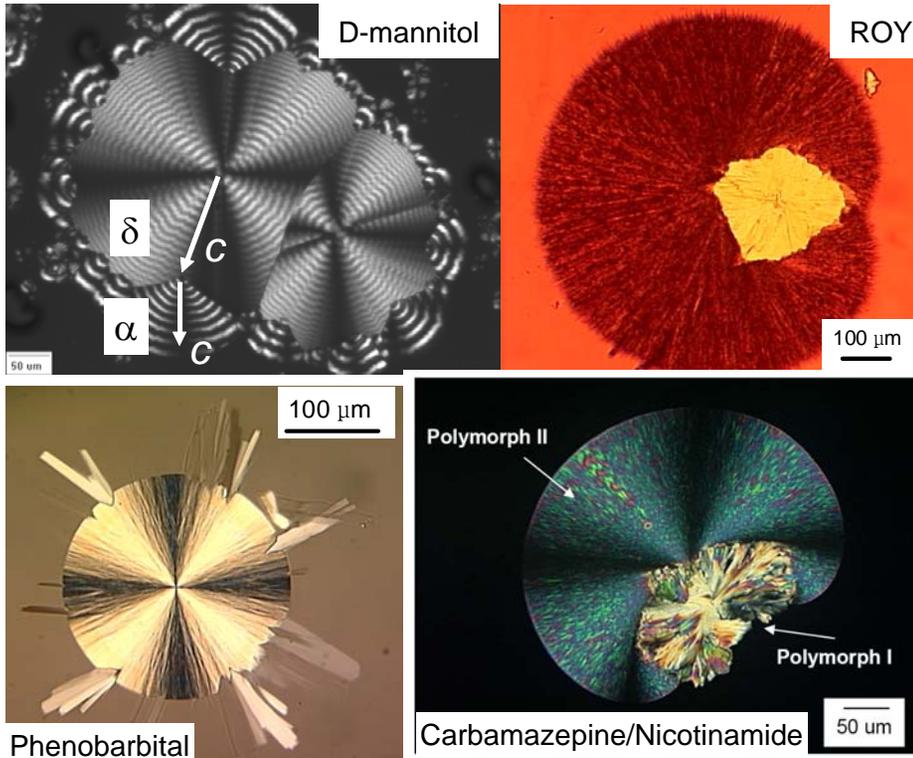
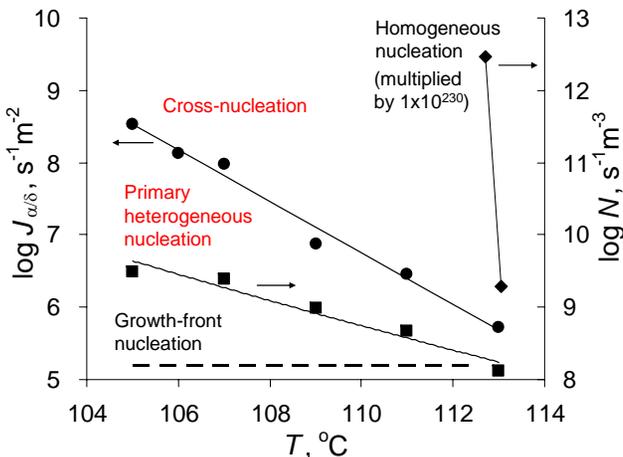
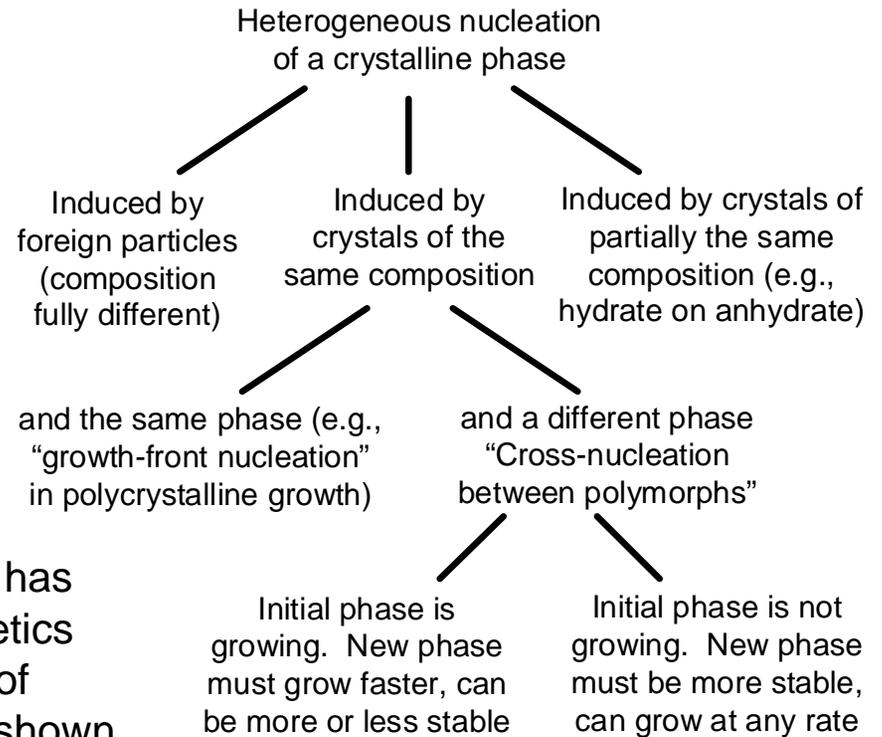


# Nucleation of One Polymorph by Another

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Contrary to standard view, crystallization is not always defined by the initial nucleation. In each of the systems shown to the left, the fast-nucleating structure grows slowly, allowing a fast-growing structure (new polymorph) to nucleate on it and dominate the product. The phenomenon expands the classes of nucleation:



Cross-nucleation has very different kinetics from other types of nucleation. Data shown are for D-mannitol