

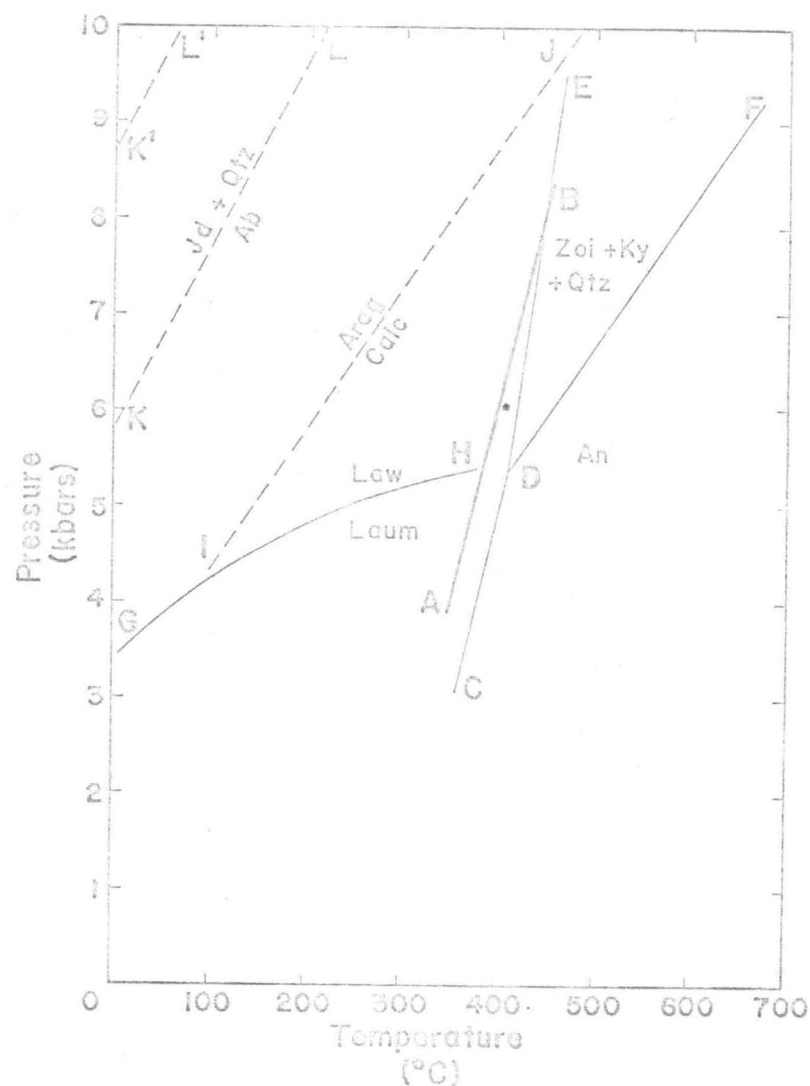


Fig. 1. Some experimentally determined lawsonite boundary relations concerned with lawsonite.

A-B Lawsonite = anorthite + water (Crawford and Fyfe).

C-D Lawsonite = anorthite + water (estimated, Newton and Kennedy, 1963).

D Zoisite + kyanite + quartz + water (Newton and Kennedy,

1963).

E-F Lawsonite + quartz + water = kyanite (estimated by Fyfe).

G-H Lawsonite + quartz + water = kyanite (estimated by Fyfe).

I-J Aragonite = calcite (Clark, 1957; Crawford and Fyfe, 1964; and MacDonald, 1956).

K-L and K'-L' Jadeite + quartz = albite (Fyfe and Valpy, 1959).