in obtaining their 180°C point (Johannes and Puhan, 1971, p. 33). The 300°C point of Johannes and Puhan is in complete agreement with the projection of our data and that of Boettcher and Wyllie.

The results of this study verify the validity of the location of the 100°C point of Crawford and Fyfe and give a slope that is in agreement with one projected into this region from the higher temperature and pressure data of Boettcher and Wyllie.

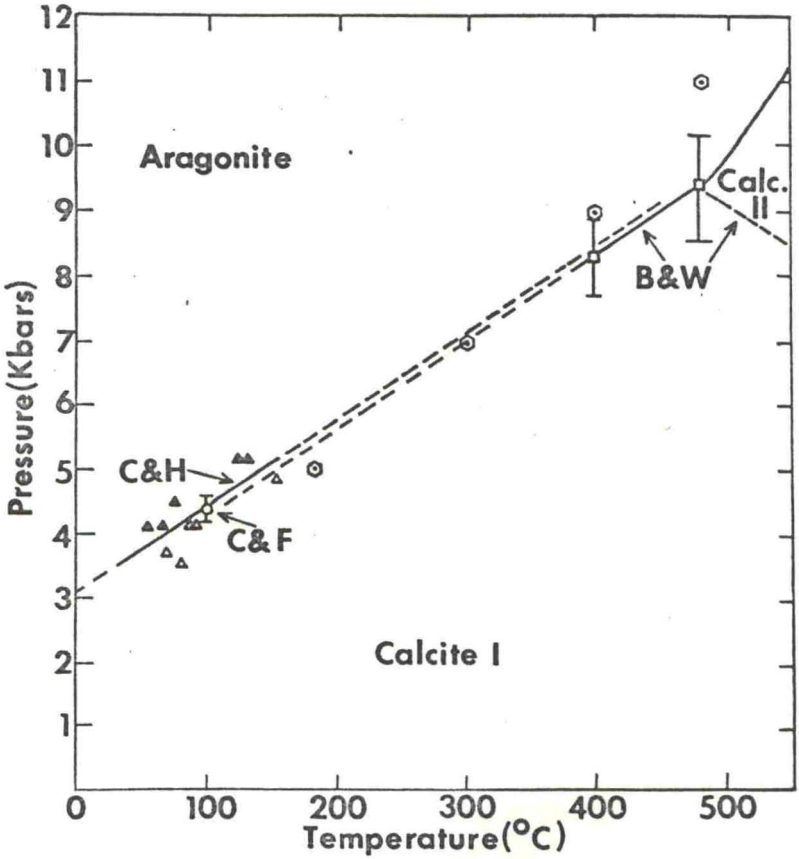

FIG. 1. Calcite-Aragonite Equilibrium Curves. Solid triangle, run product = aragonite; open triangle, run product = calcite; line labeled C and H, equilibrium curve established by this paper. Open circle labeled C and F, equilibrium point established by Crawford and Fyfe (1964). Open squares, equilibrium points established by Boettcher and Wyllie (1968). Line labeled B and W, equilibrium curves established by Boettcher and Wyllie. Bars extending from open symbols denote limits of experimental error. Open hexagons, equilibrium points established by Johannes and Puhan (1971). Size of hexagon indicates approximate limit of experimental error. Curve extrapolations dashed.