FIG. 4. The thermal expansion coefficient, α_f, and the compressibility coefficient, β_f, of fluid He³ along the melting curve.

sented by an equation of the type

$$V_f = d' + b'(P_m + a')^{c'}. \tag{4}$$

A similar equation, with $d' = 0$, had been used for N_2 measurements (15). The constants of Eq. (4), obtained by a least-squares fit of the experimental data for He⁴ and He³, are given in Table VII together with the range of applicability and rms deviation in V_f. Equation (4) applied to He³ and He⁴ I probably does not fully reflect the accuracy of the measurements but is useful in making interpolations.