

tantalum and which is also highly satisfactory.

The horizontal dashed line in Fig. 3 represents the correction, proposed by Rotter and Smith, which should be made to compression $b_v(c)$ in order to put these numbers on a scale which conforms to the absolute ultrasonic equation of state of the reference material, iron. They give in their paper the necessary formulae to correct both $b_v(c)$ and $a_v(c)$; these corrections produce excellent agreement between the two methods for obtaining the equation of state coefficients in tantalum.