

FIG. 3. The excess stability function of liquid K-Fe alloys at 773 K.

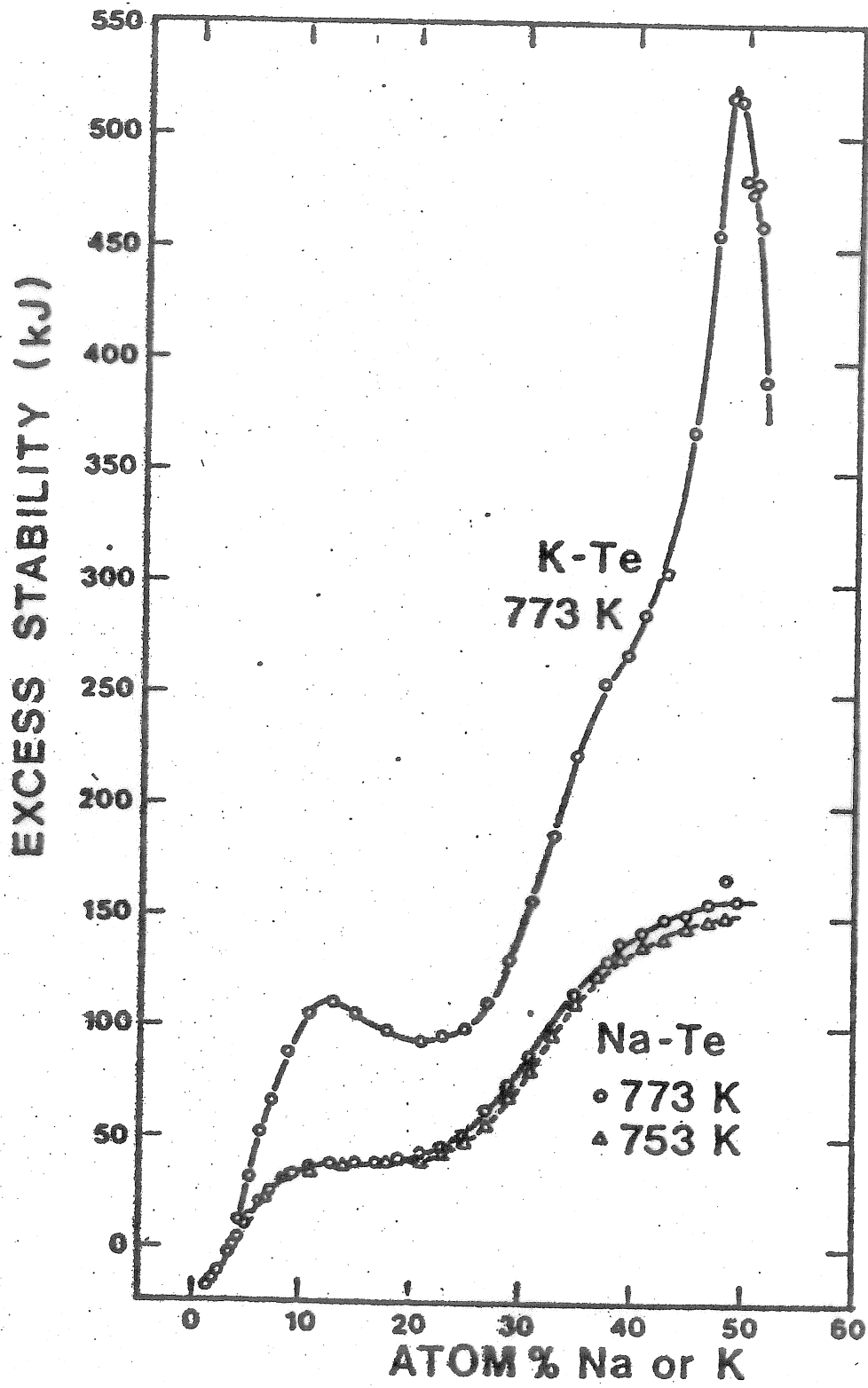


Fig. 4
 Excess stability of liquid Na-Te and K-Te [6] alloys

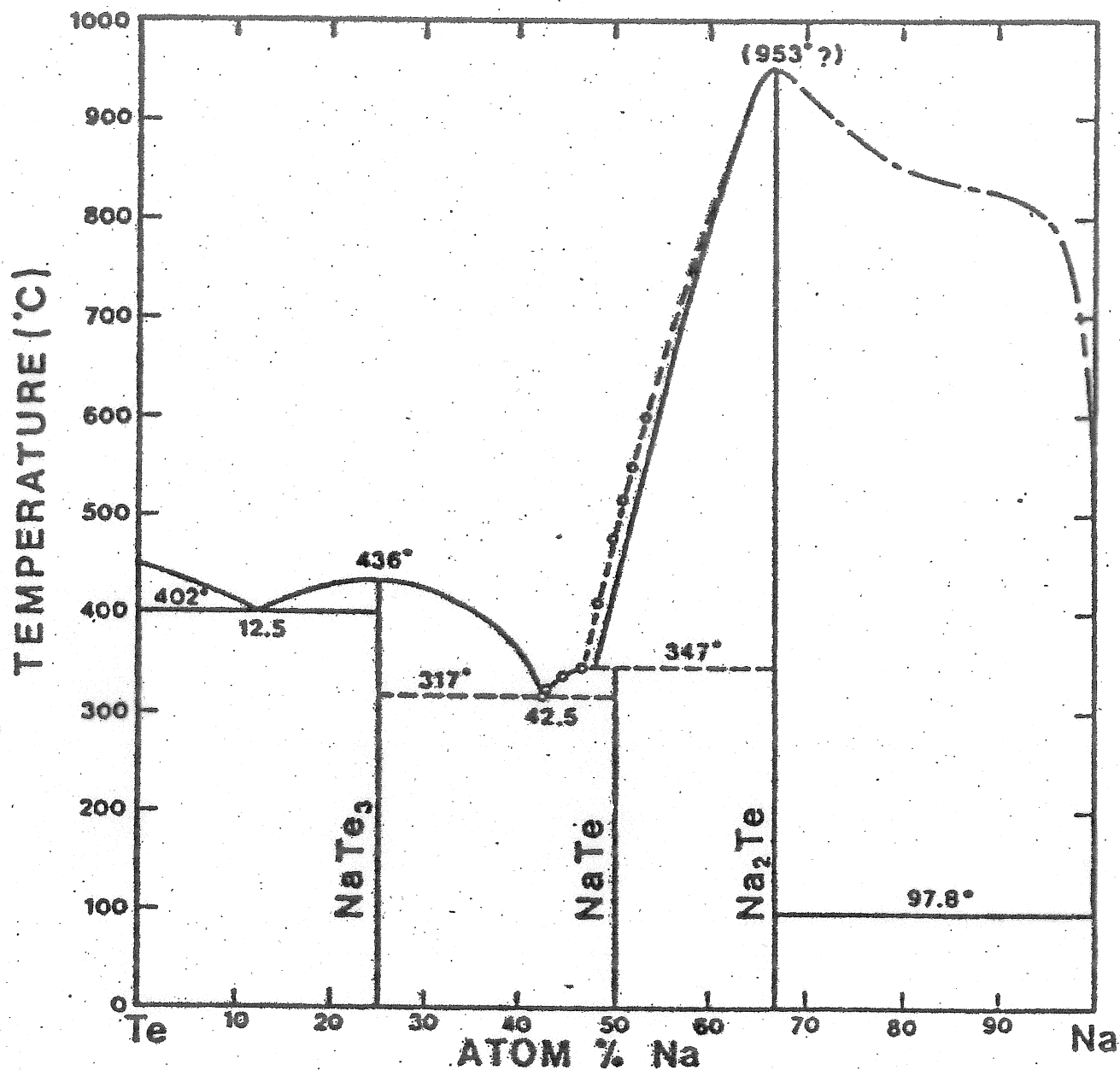


Fig. 8

The Na—Te phase diagram. Solid lines are from Hansen [15]. Dashed lines and points are present measurements. Dash-dot line is shown for completeness although there are no data in this composition range. Between 200 and 600°C, the solubility of Te in Na is less than 0.2 at.% [19].

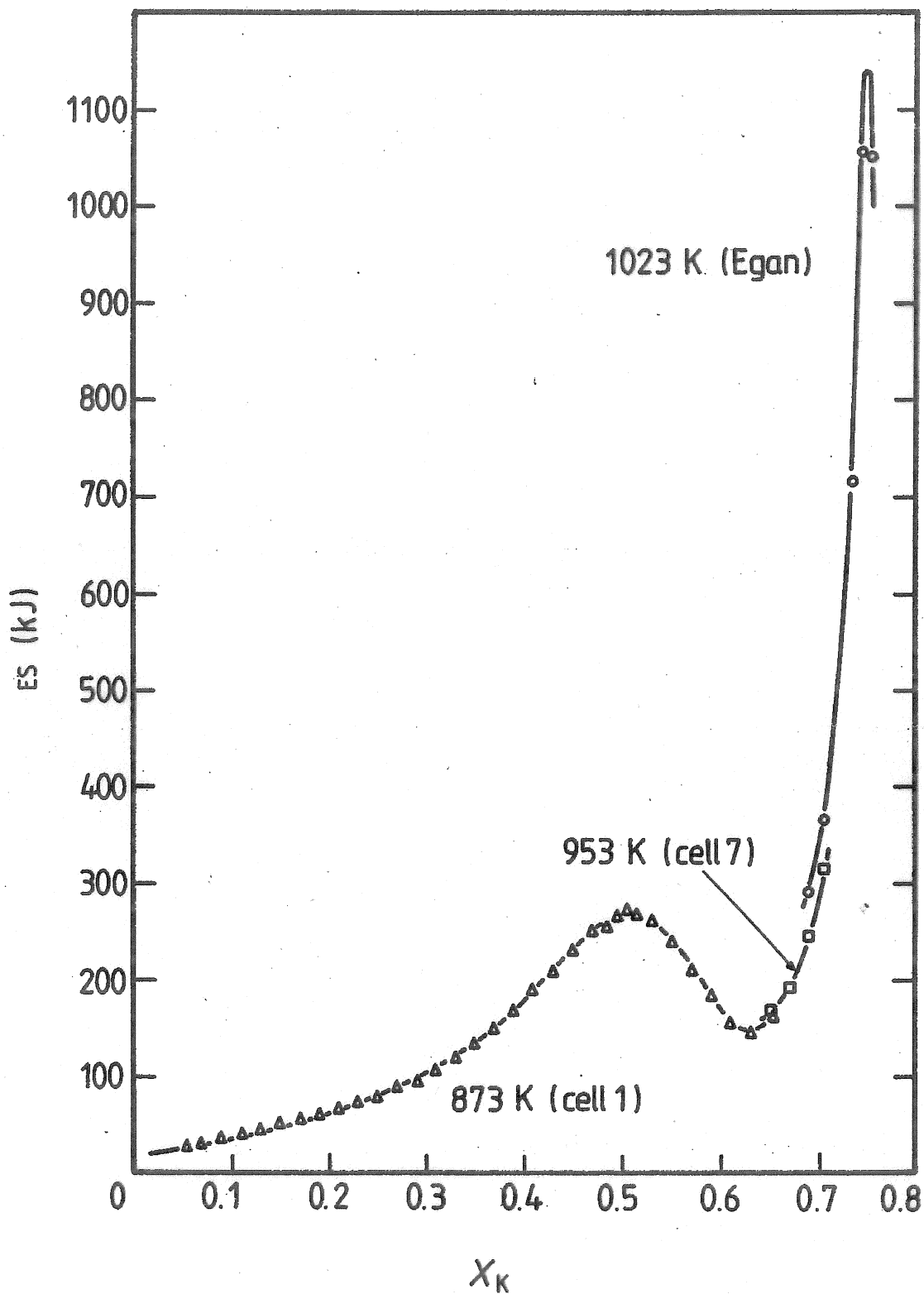


Figure 5. The excess stability function at 873 K.

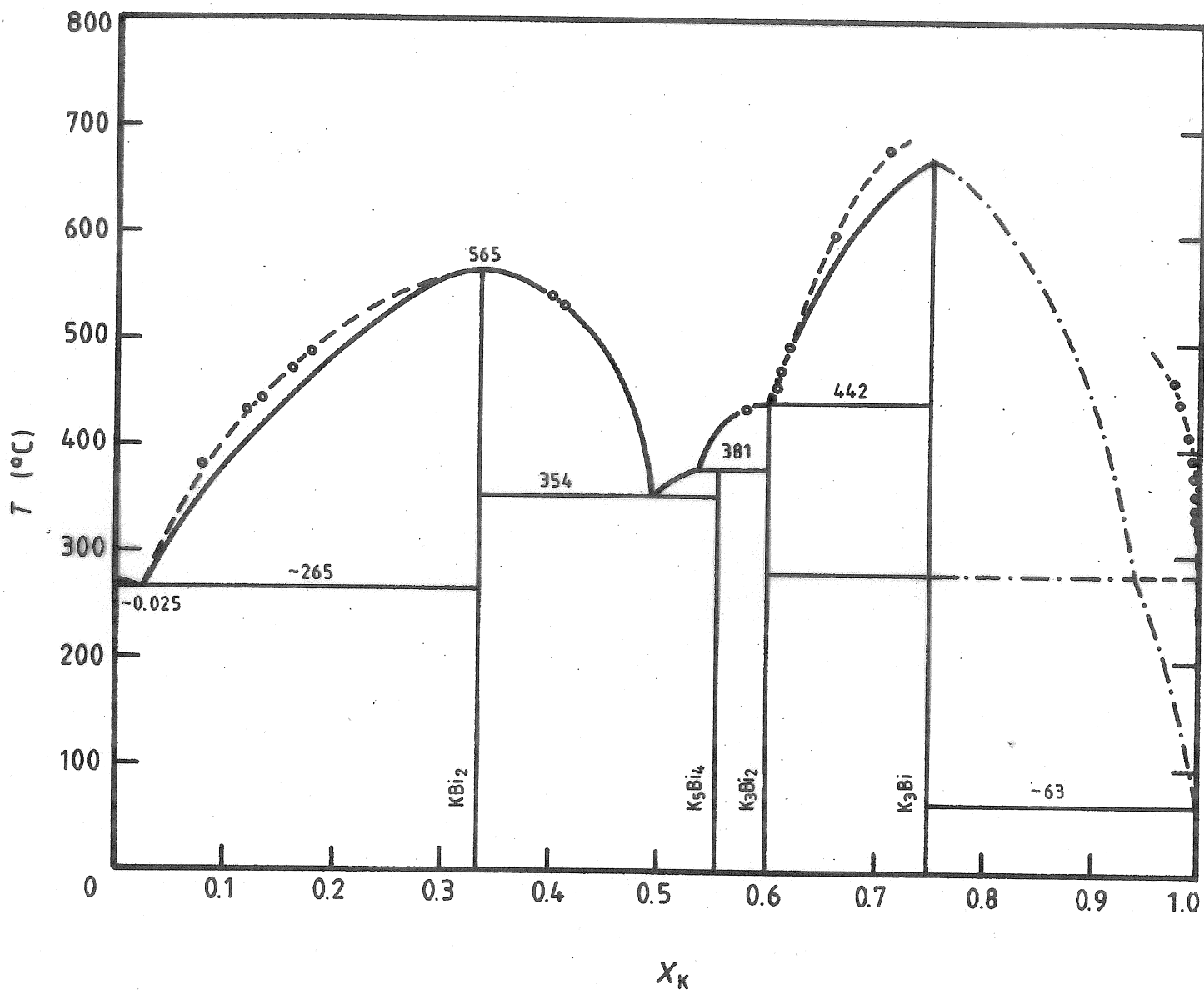


Figure 10. The K-Bi phase diagram as reported by Elliott (full and chain curves) and as measured in the present study (broken curves). Experimental points from the present study are shown as open circles.

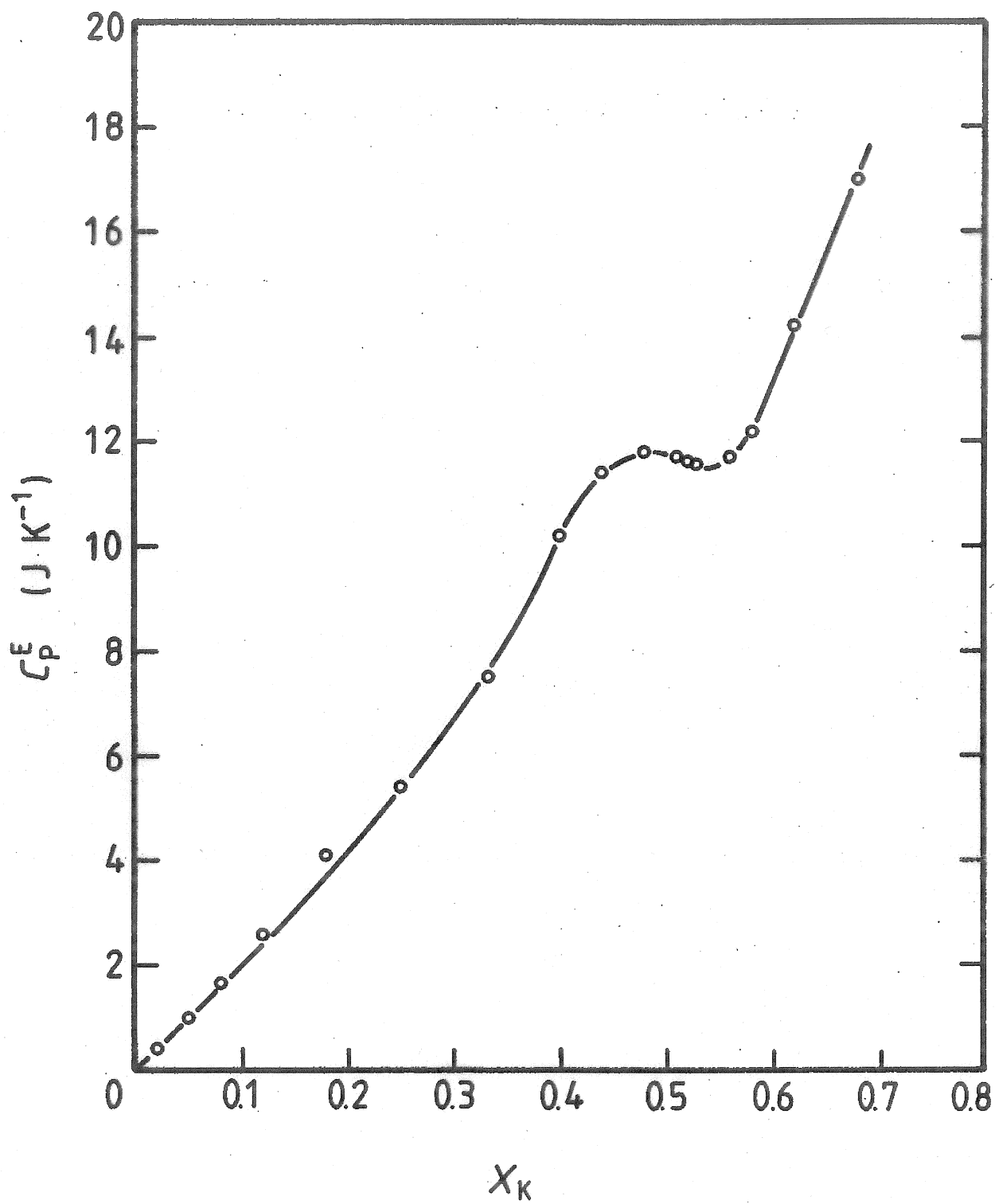


Figure 9. The integral excess heat capacity, C_p^E .