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cesium to a maximum value of 2240°K for diamond. Most of the values for θ_0^S , however, are less than 600°K.

The variation of θ_0^S for the elements of the fourth, fifth, and sixth periods of the Periodic Table is shown in Fig. 21. The usual behavior as noted for other properties is seen in this figure, although there are some

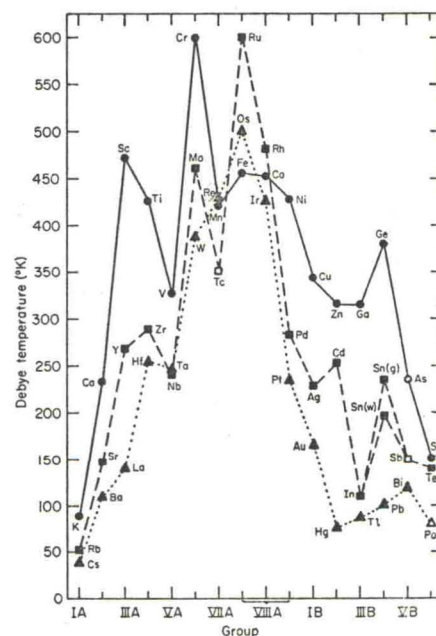


FIG. 21. Debye temperature at 0°K, as determined from specific heat data of the elements of the fourth, fifth, and sixth periods of the Periodic Table. Open points are estimated values.