Figure 3. The dependence of the melting temperature of copper on pressure. The points represent the results of individual tests

A computation indicates that in the case of the melting of lead and tin /4/ the values of c are maxed approximately equal to 2.5 and 4.0 respectively; it must be noted, however, that the quantities  $\checkmark$  and c are extremely sensitive to the smallest variations in the melting curve, and therefore the accuracy of determining these max quantities from melting mix curves is not very great. The melting curve for tallium also bends toward the pressure axis /5/. In the case of mapparexxmixmimumxx maximumxxmmdxzimex/5/xthexdependxxcopperam of copper and aluminum, and also cadmium and zinc /5/, the dependence of the melting temperature on pressure is expressed by a straight line within the accuracy mfm of the measurements.

It may be hoped that further accumulation of experimental data on the melting of metals under pressure will make it possible to give a theoretical explanation of the observed regularities and relate them to the **strukurs** structural characterisitics of the metals.

-5-