

FIG. 2. Microhardness of the brass core of a specimen as a function of annealing time at 800°C and different pressures:

- 1 - 100 kg/cm²;
- 2 - annealing for 1 hr at 100 kg/cm² followed by annealing at 1 kg/cm²;
- 3 - 1 kg/cm².

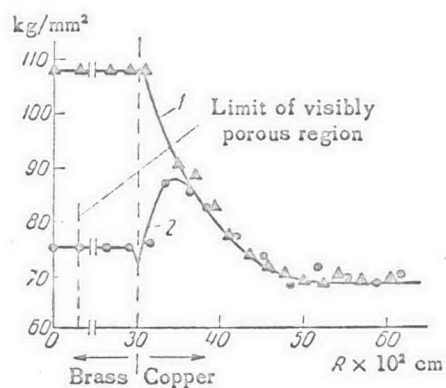


FIG. 3. Distribution of microhardness along the radius of cylindrical specimens after annealing at 800°C and pressures of:

- 1 - 100;
- 2 - 1 kg/cm².

REFERENCES

1. Ya.Ye. Geguzin. *UFN*, 61, 217 (1957).
2. Ya.Ye. Geguzin. *Dokl. Akad. Nauk SSSR*, 106, 5, 839, (1956).
3. R.S. Barnes and D.J. Mazey. *Acta. Met.*, 6, 1 (1958).
4. Ya.Ye. Geguzin. *Dokl. Akad. Nauk SSSR*, 135, 4, 829 (1960).
5. Ya. Ye. Geguzin and A.M. Polyakov. *Fiz. tverd. tela.*, 3, 2, 520 (1961).
6. Ya. Ye. Geguzin and M.N. Ovcharenko. *Kristallografiya*, 6, 1, 94 (1961).
7. V.L. Kalikhman, Ya. S. Umanskiy and N.V. Chirikov. *Fiz. metal. metalloved.*, 11, 314 (1961).