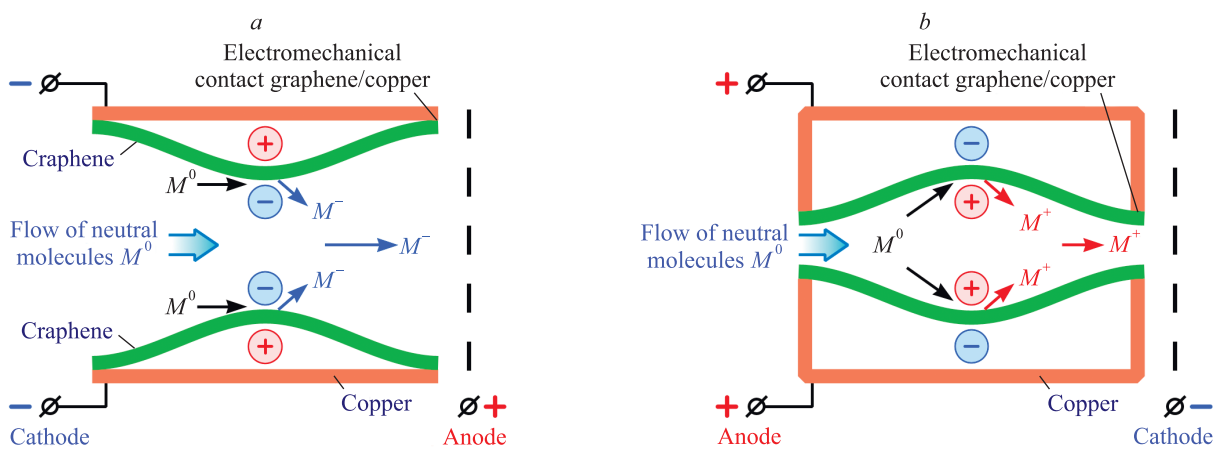

Fig. 3. Schemes for generation of a flow of molecular ions: *a* – scheme for generation of negative ions (M^-) between convex graphene surfaces on a copper substrate (analogy of a Laval nozzle), $\mathrm{WF}(\varphi) < \mathrm{EA}$; *b* – scheme for generation of positive ions (M^+) between concave graphene surfaces, $\mathrm{WF}(\varphi) > \mathrm{IP}$