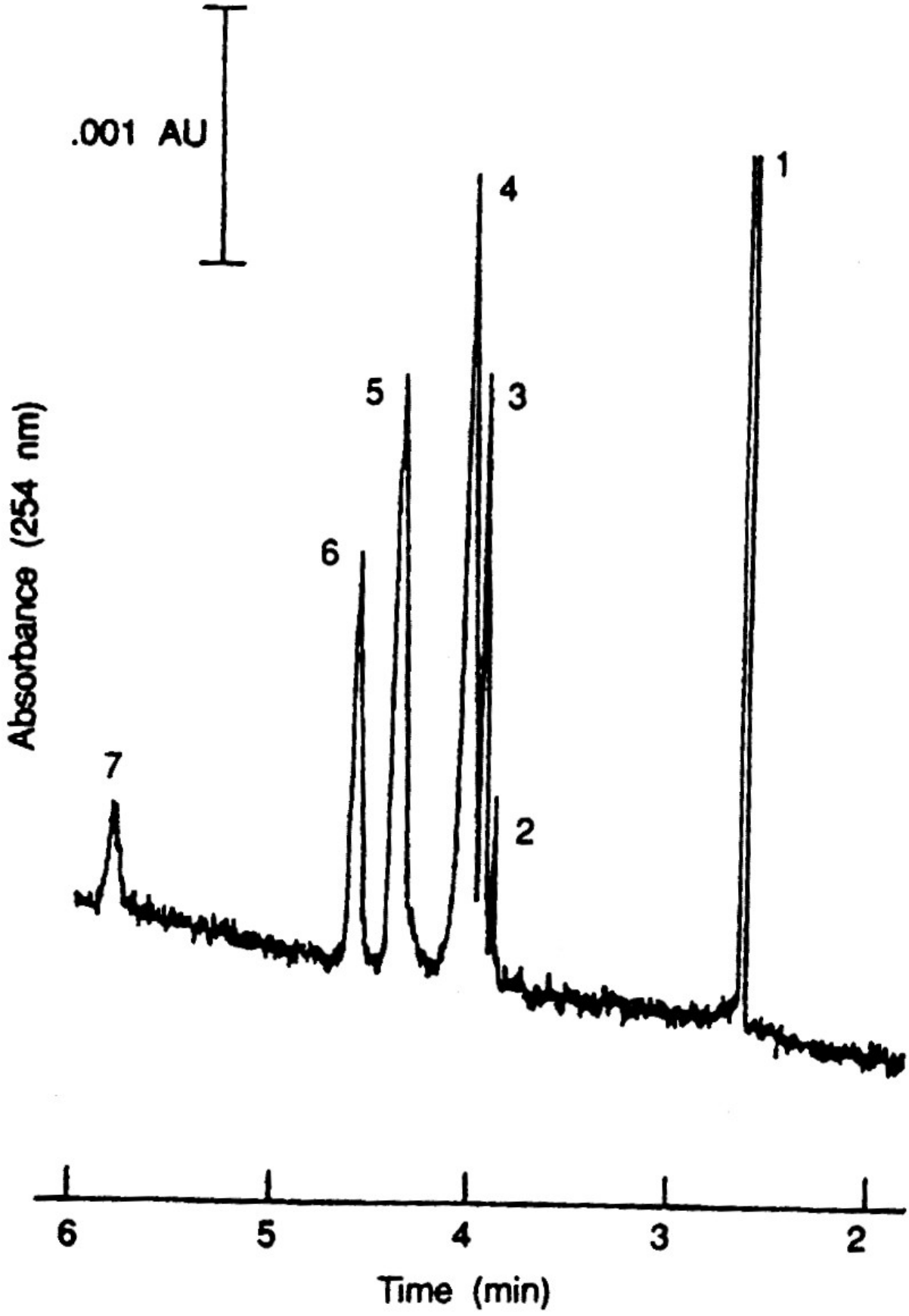
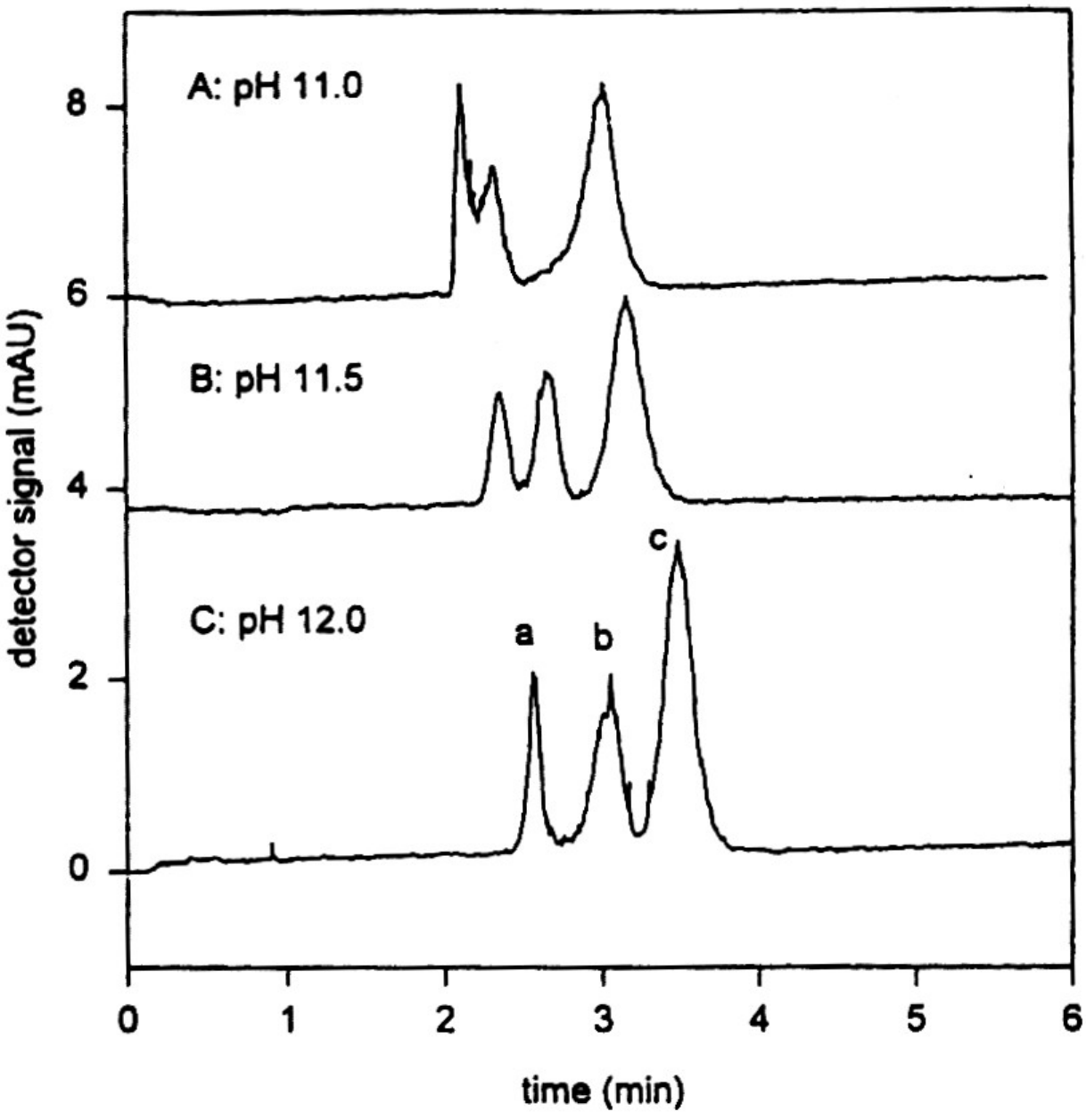
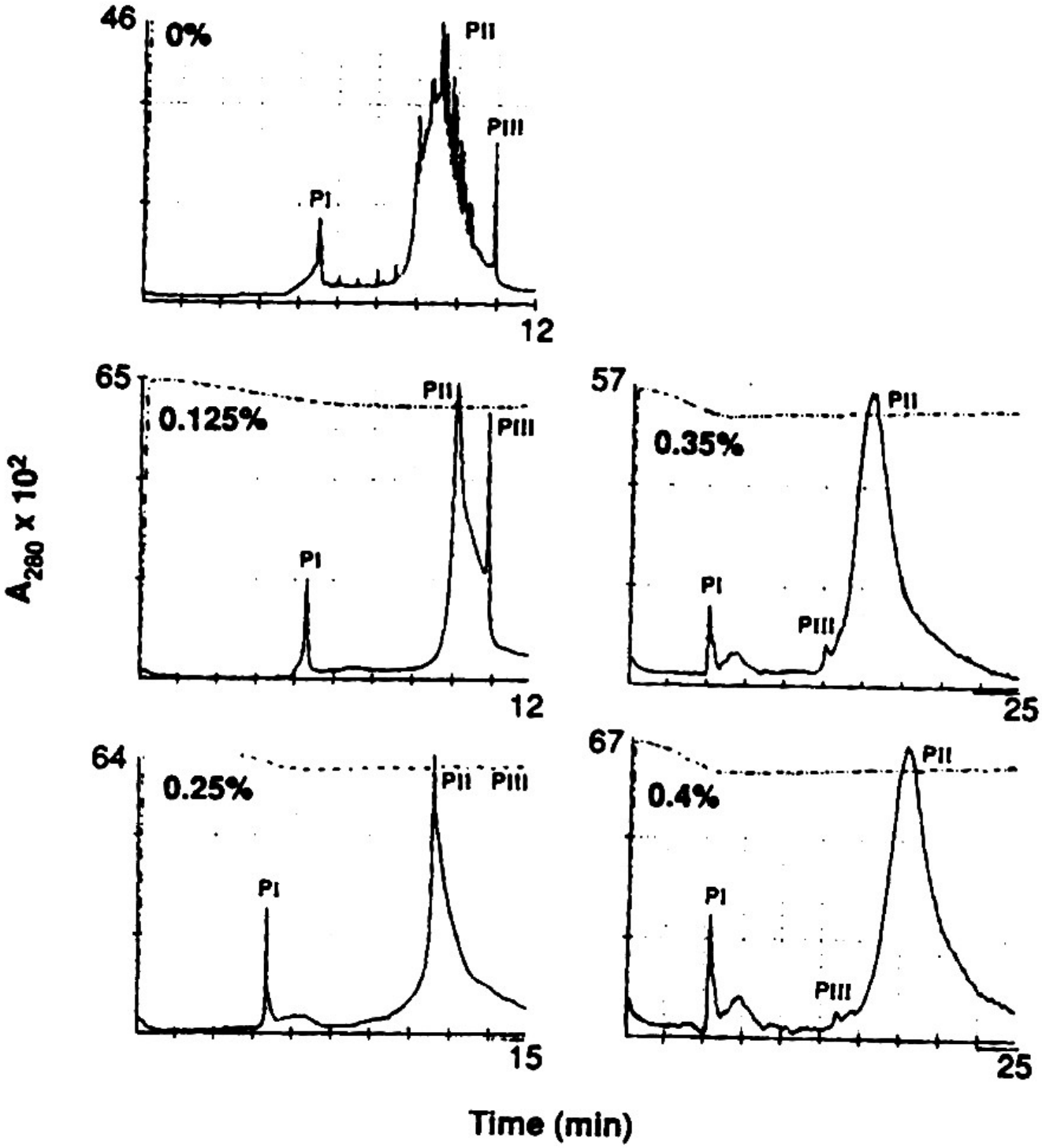


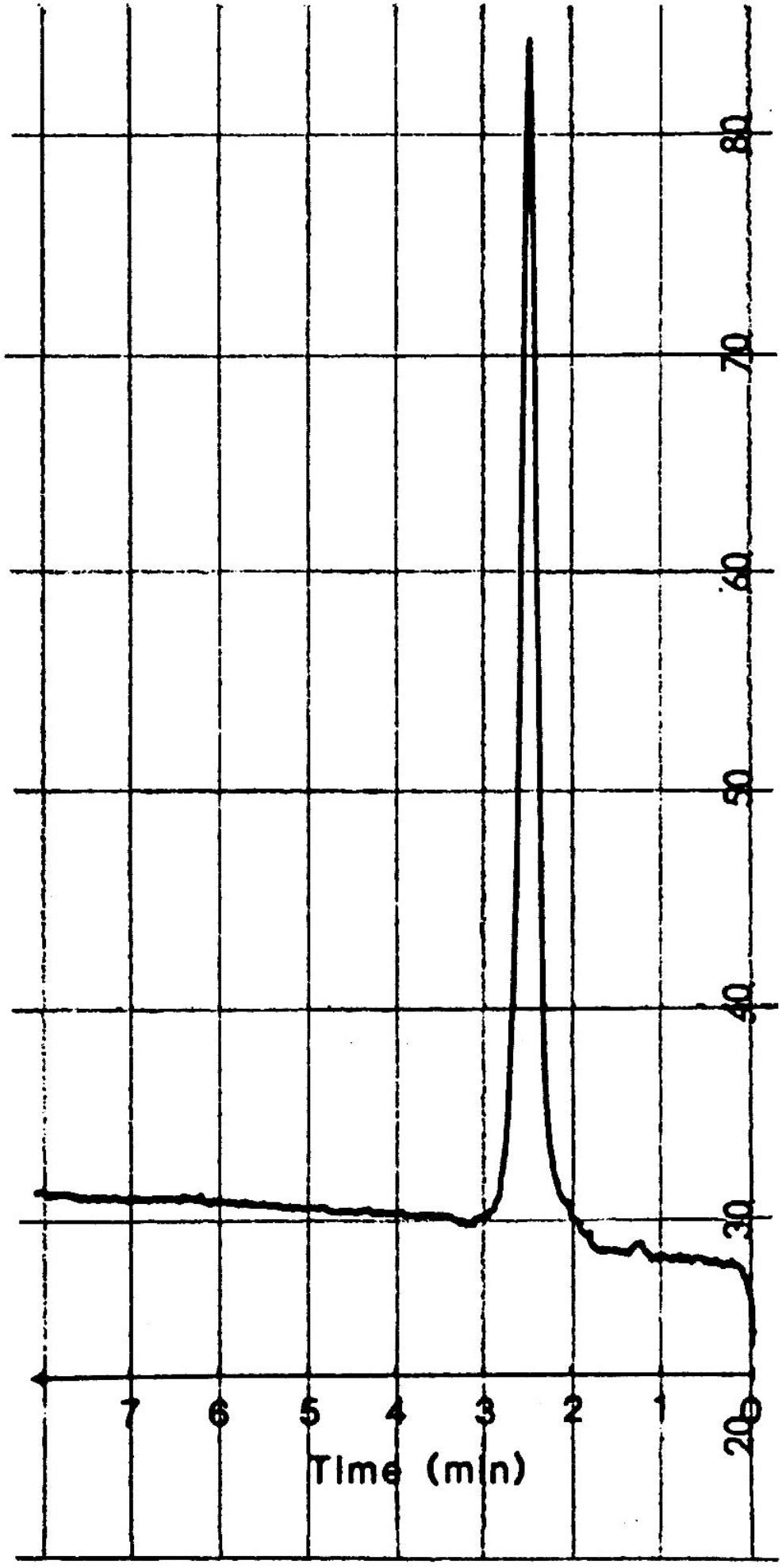
CZE electropherogram of polystyrene size standards: 1=riboflavin (neutral marker), 2=39 nm, 3=72 nm, 4=132 nm, 5=308 nm, 6=488 nm, 7=683 nm particle diameter. Field strength 382 V cm^{-1}. Anodic sample injection and reverse order of migration due to electroendosmosis. Detection at 225 nm.



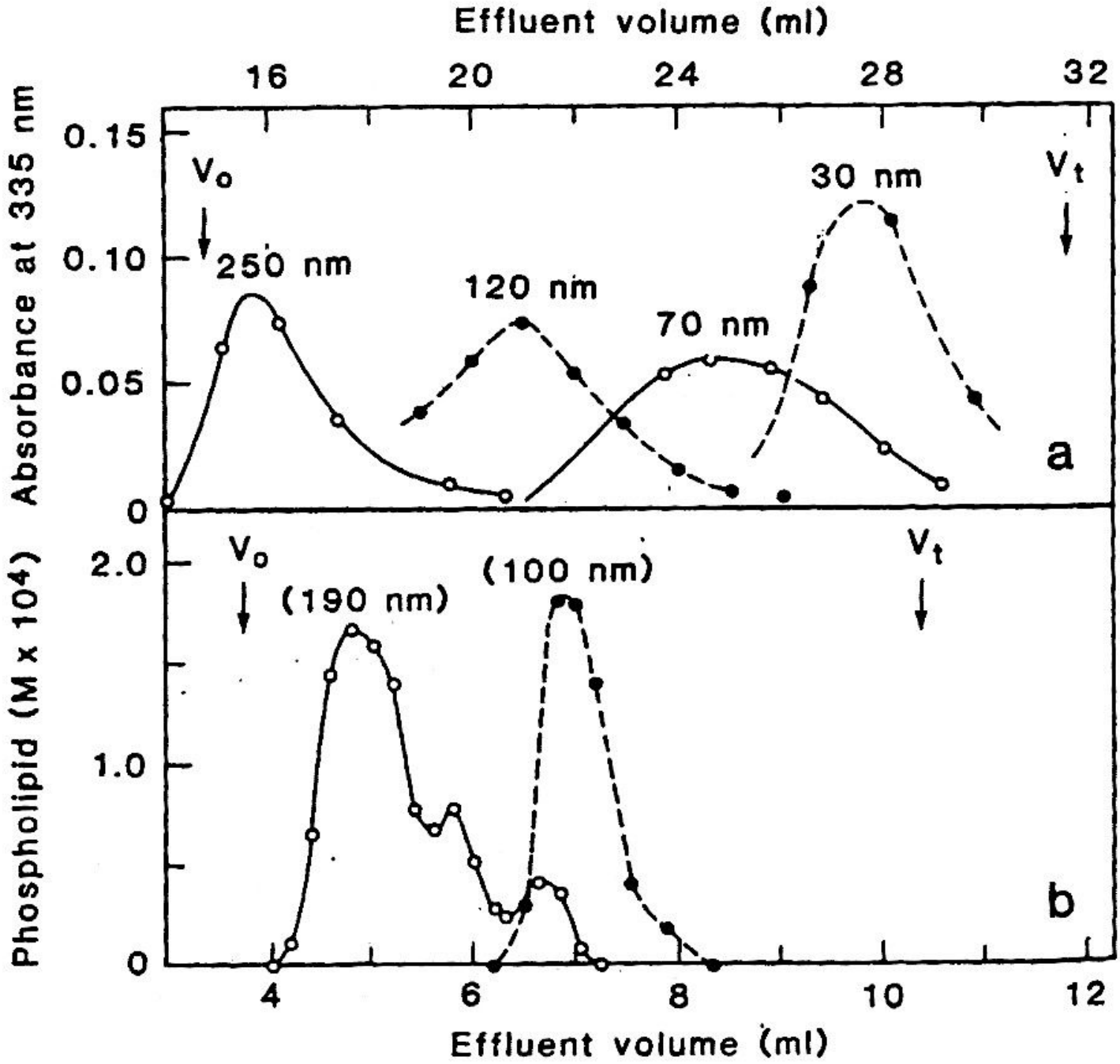
CZE separation of α,γ-Al_2O_3, 300 nm diameter (a); γ-Al_2O_3, 10 nm diameter (b); TiO_2, 450 nm diameter (c) at various pH. Detection at 254 nm.



CZE patterns of purified rat liver microsomes as a function of polyacrylamide (MW 5×10^6) concentration (%). Field strength, 270 V cm^{-1}.

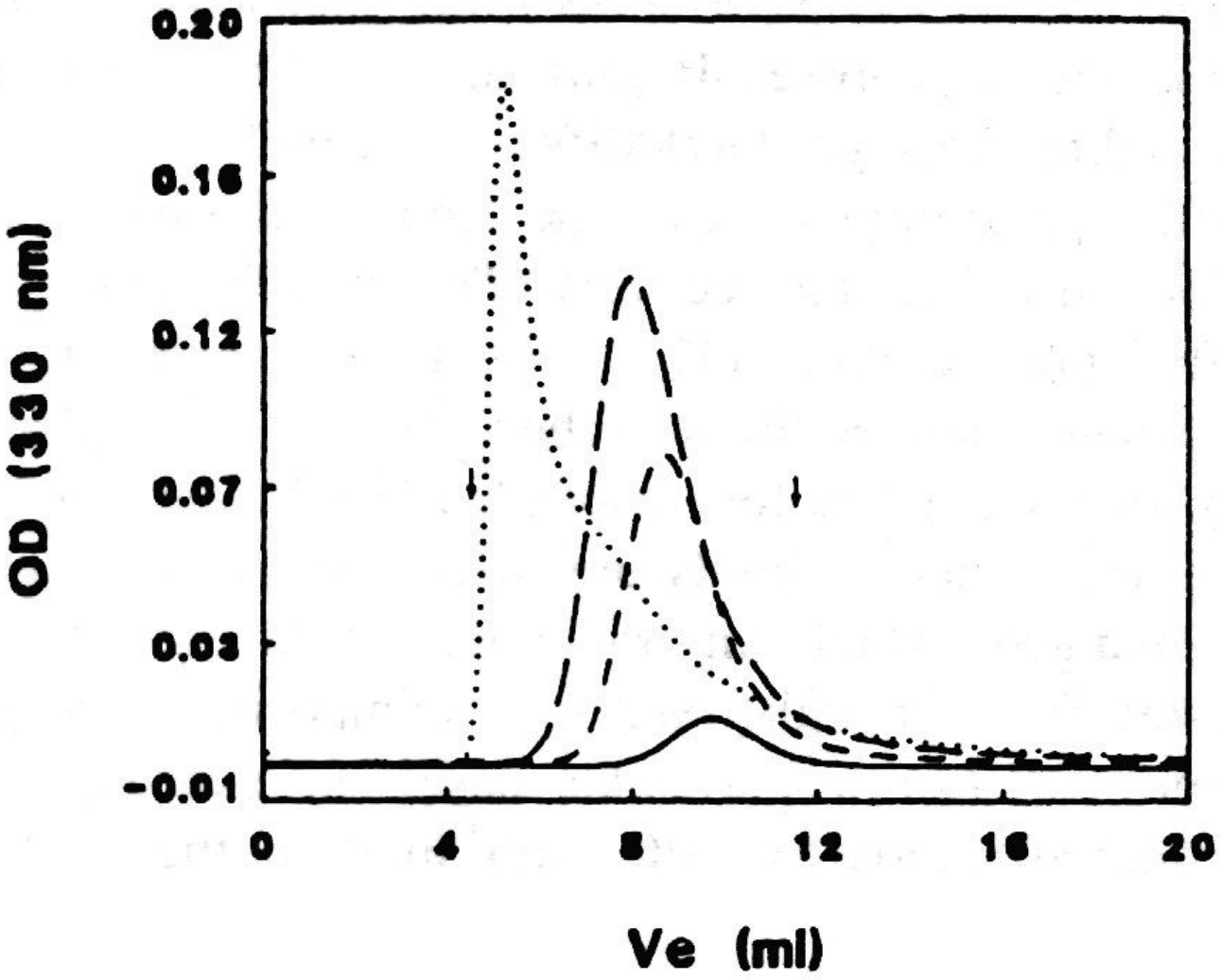


CZE of Tobacco Mosaic Virus, 340 nm×1.5 nm. Fused-silica capillary of 115 mm×0.1 mm I.D.×0.26 O.D. Field strength, 73 V cm^{-1}. Detection on-line, 260 nm.



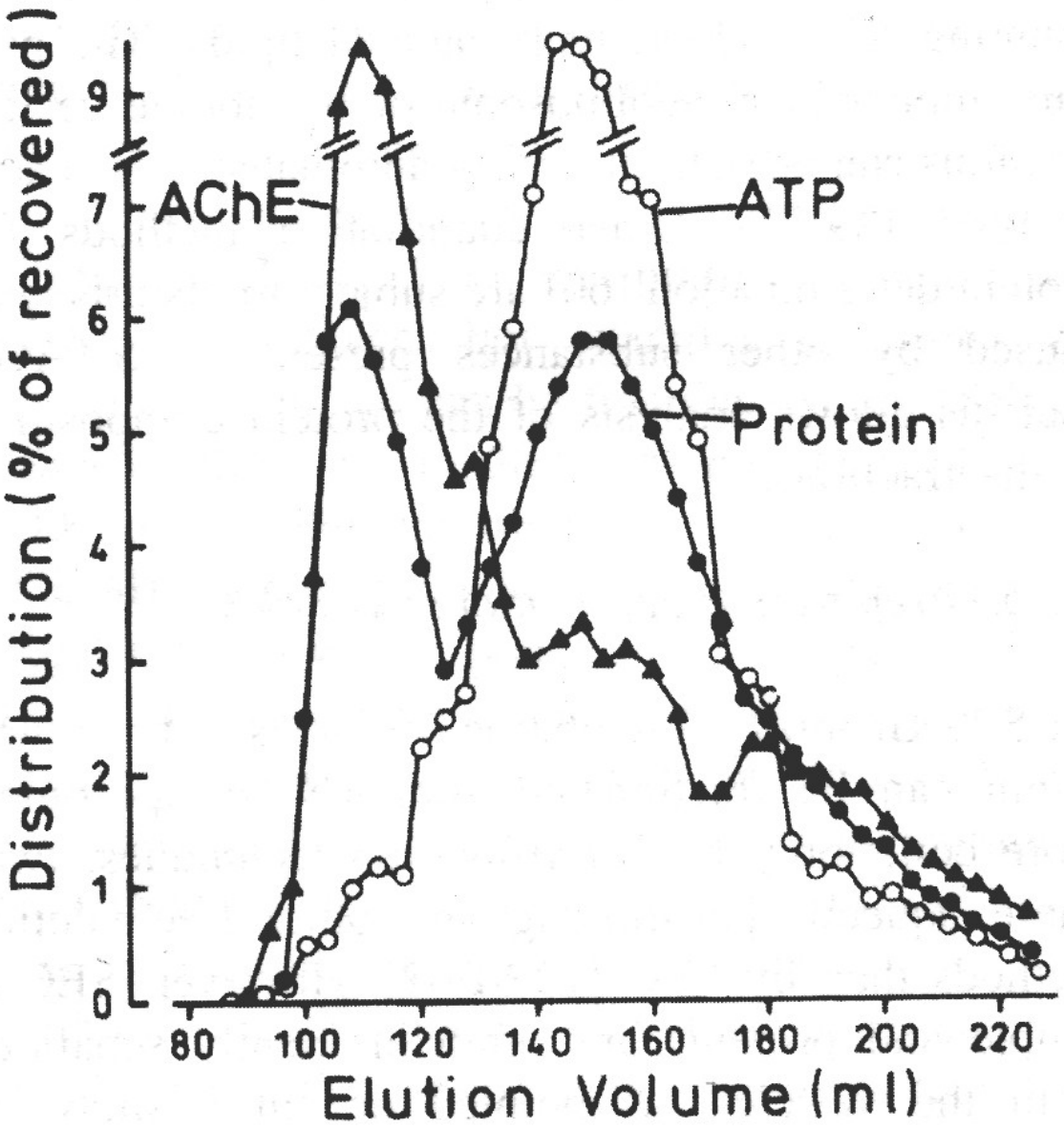
Dělení liposomů na koloně Sephacryl S-1000.

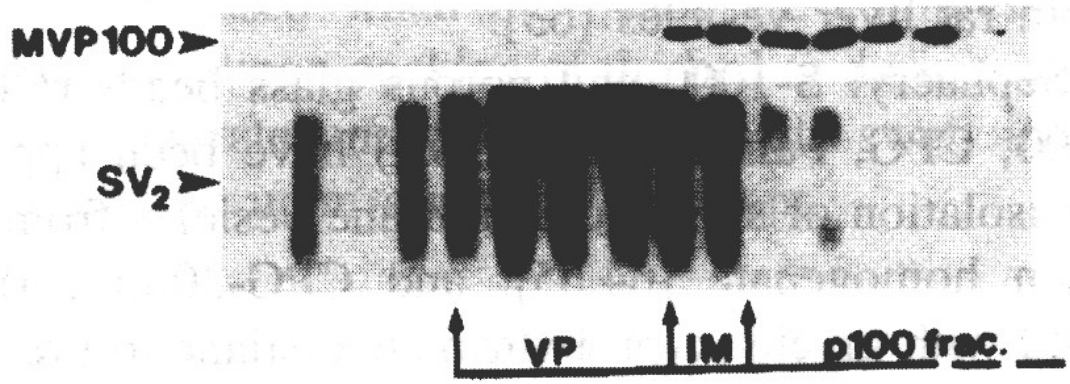
Elution profiles on Sephacryl S-1000 for liposomes prepared by dialysis of lipids solubilized with (a), from left to right, octyl glucoside, dodecyl octa(ethylene glycol) monoether ($C_{12}E_8$), dodecyl nona(ethylene glycol) monoether ($C_{12}E_9$), and sodium cholate, and (b) octyl glucoside, with two different dialysis procedures. Bead size range: 40–105 μm. Bed dimensions: (a) 50×0.9 cm (diam.), (b) 28×0.7 cm (diam.).



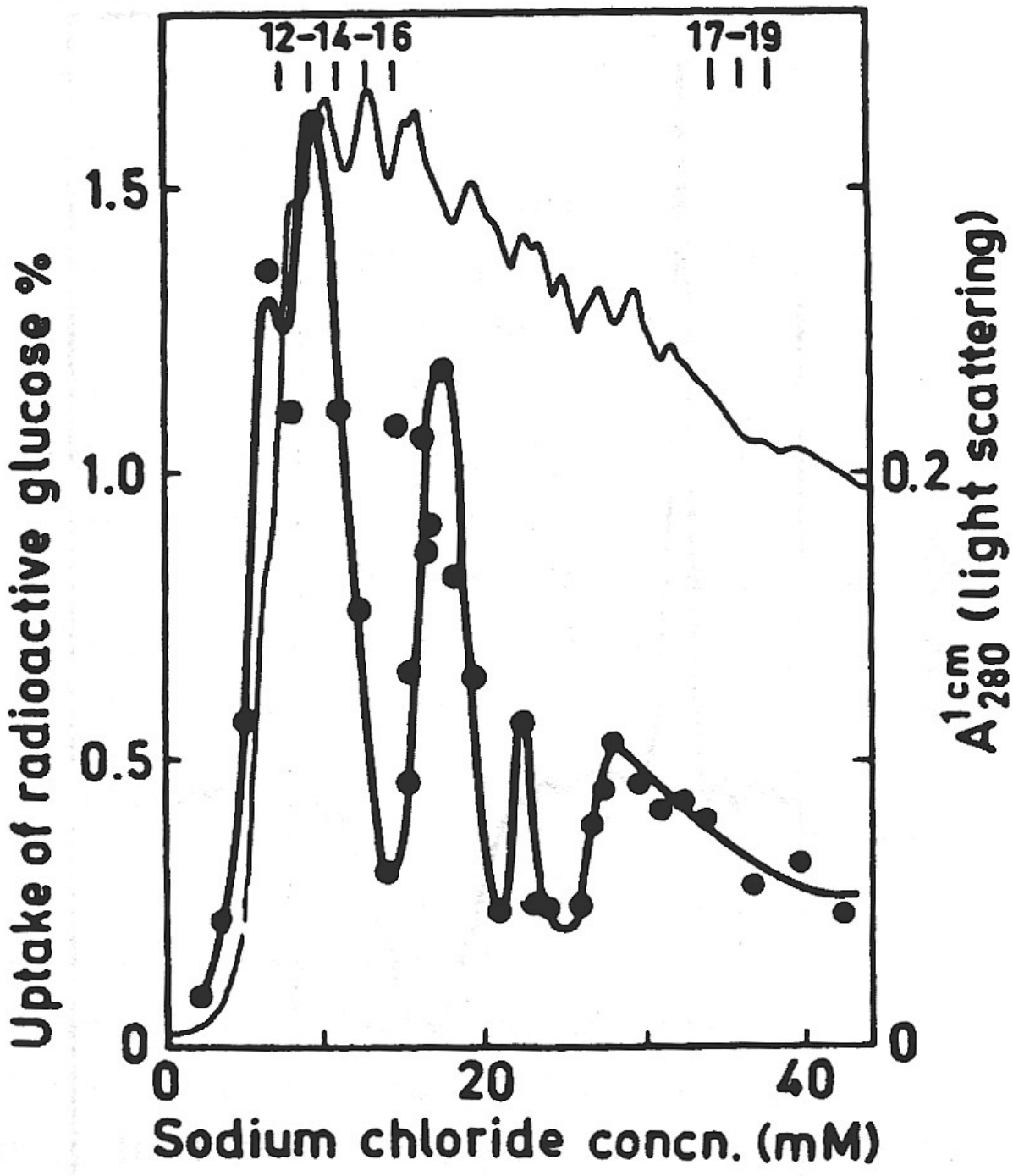
Eluční profily liposomů rozdílných velikostí (300, 145, 80 a 25 nm) na koloně TSKgel G6000PW.)

Elution profiles of liposomes of different sizes on TSKgel G6000PW. The samples were: (· · ·) and (– – –), 300-nm and 145-nm liposomes, respectively, prepared by extrusion, (- - -) 80-nm liposomes prepared by spontaneous fusion of small unilamellar vesicles, (———) 25-nm unilamellar vesicles prepared by sonication. The 80-nm liposomes were composed of dipalmitoyl PC, the others of egg PC–egg phosphatidic acid (9:1, w/w). The liposome diameters were determined by dynamic light scattering. The arrows indicate V_0 and V_t; bead size: 17 μm; gel bed dimensions: 30×0.7 cm (diam.).





Separation of the major vault protein (MVP100) from synaptic membrane vesicles by chromatography on Sephacryl S-1000. The vesicles, identified by their ATP contents, were separated from cell membrane fragments, enriched in acetylcholinesterase (AChE). The protein curve represents mainly membrane proteins of the vesicles and the fragments. The eluted MVP100, as analyzed by SDS-PAGE with immunoblotting, only partly overlaps with the eluted synaptic vesicle protein (SV_2).



Ion-exchange chromatography of proteoliposomes on microcrystalline DEAE-cellulose (DE-52, Waters). Egg yolk phospholipids proteoliposomes with human red cell membrane proteins were desalted on Sephadex G-50 and applied on the ion-exchange column. The material was eluted in a shallow NaCl gradient and the D-glucose transport activity was determined. Bed dimensions: 52×1.9 cm (diam.).