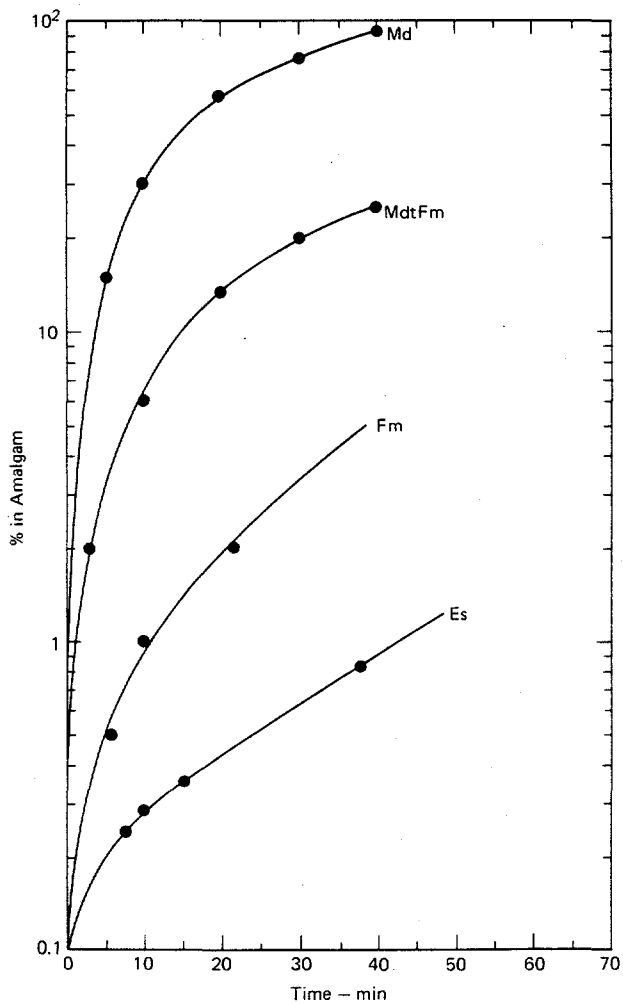

Fig. 1. Percentage of actinide tracers electrodeposited in mercury as a function of time and passed charge. Current density used in this experiment was 5 mA/cm ^{2}. (Reprinted with the permission of J. Mály and Pergamon Press (Ref. 7)).

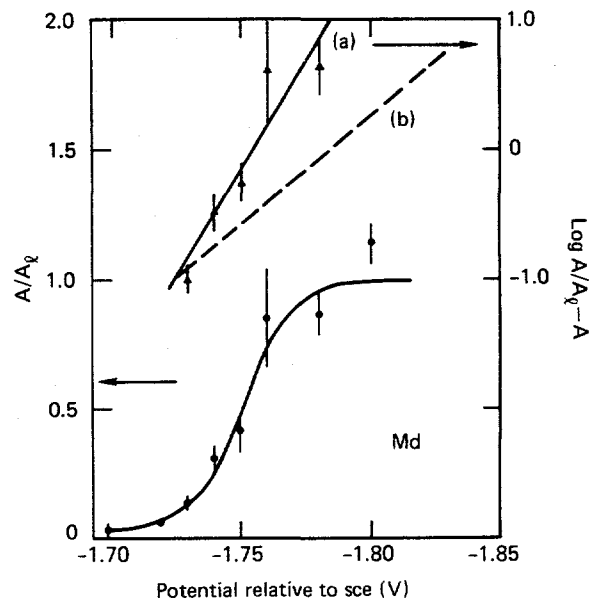

Fig. 2. Distribution of Md as a function of applied voltage between mercury in a dropping Hg cathode and 0.1 M tetramethyl ammonium perchlorate at pH = 2.4. The slope of the logarithmically-transformed line indicates the number of electrons exchanged in the electrolysis reaction. The slope of line (a) is 30 mV, and (b) is 60 mV, which corresponds to a one-electron reduction. (Ref. 9).