

Figure 1. Kinetic of technetium-99 sorption by natural sediment from lake water at solid/liquid ratio = $2.3 \cdot 10^{-2}$ g/ml.
K - specific radioactivity of solution, %
t - time, hours

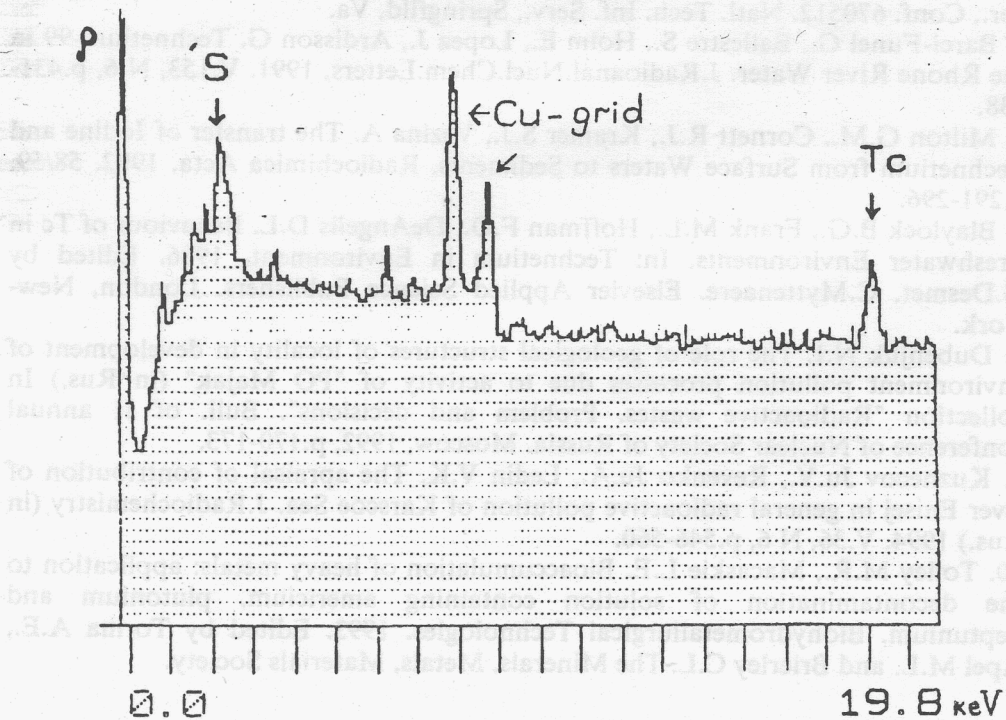


Figure 2. Elemental X-ray microanalysis of sediment, which was formed by sulfatereducing bacteria in nutrient medium with 40 mg Tc/l.