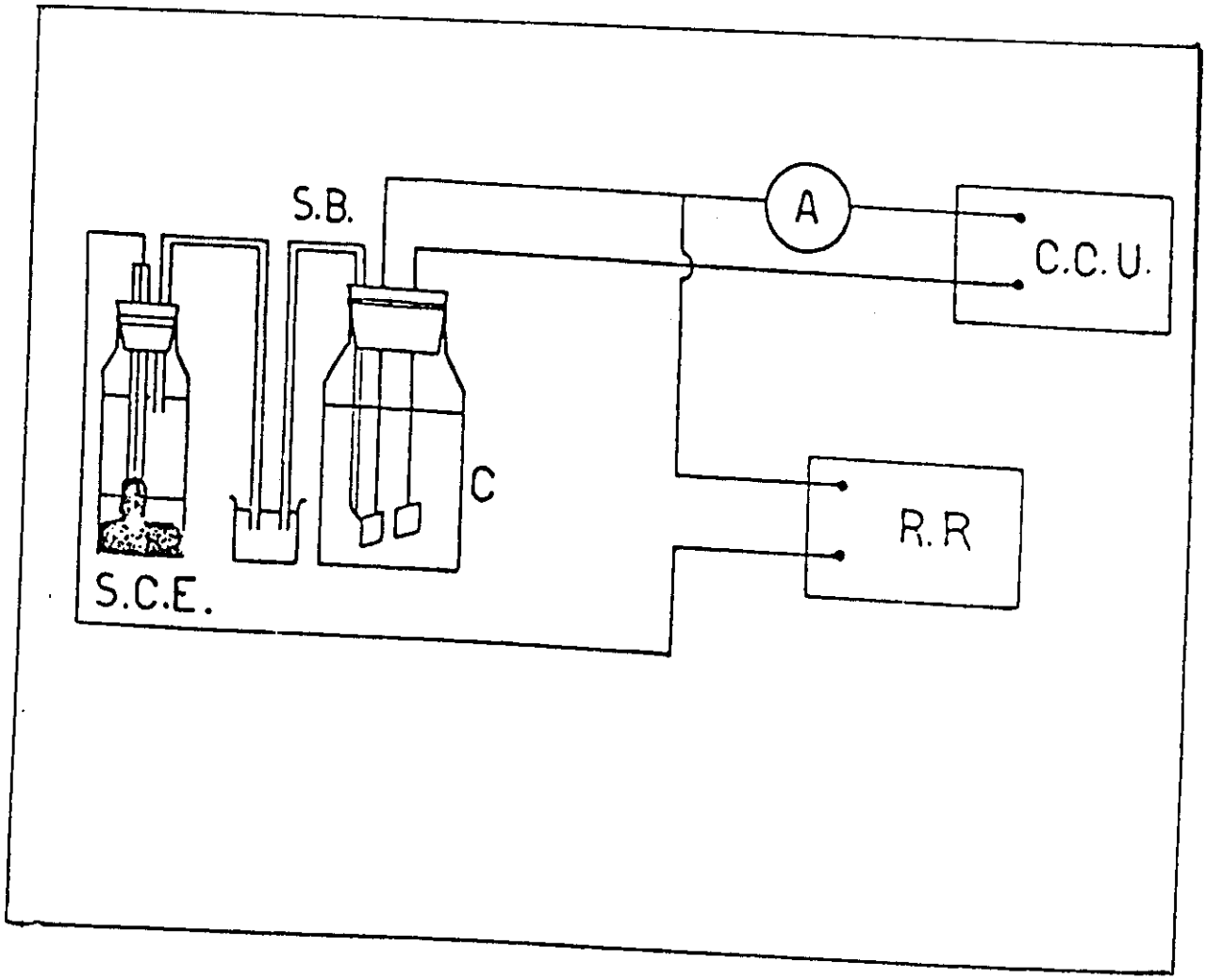
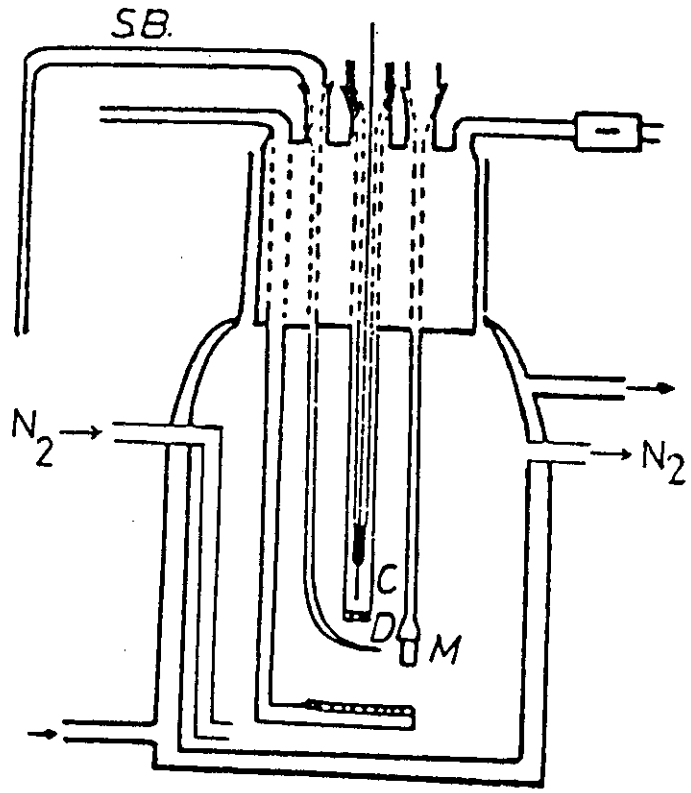


Fig. (1)



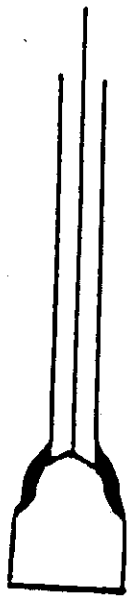


Fig. (2)

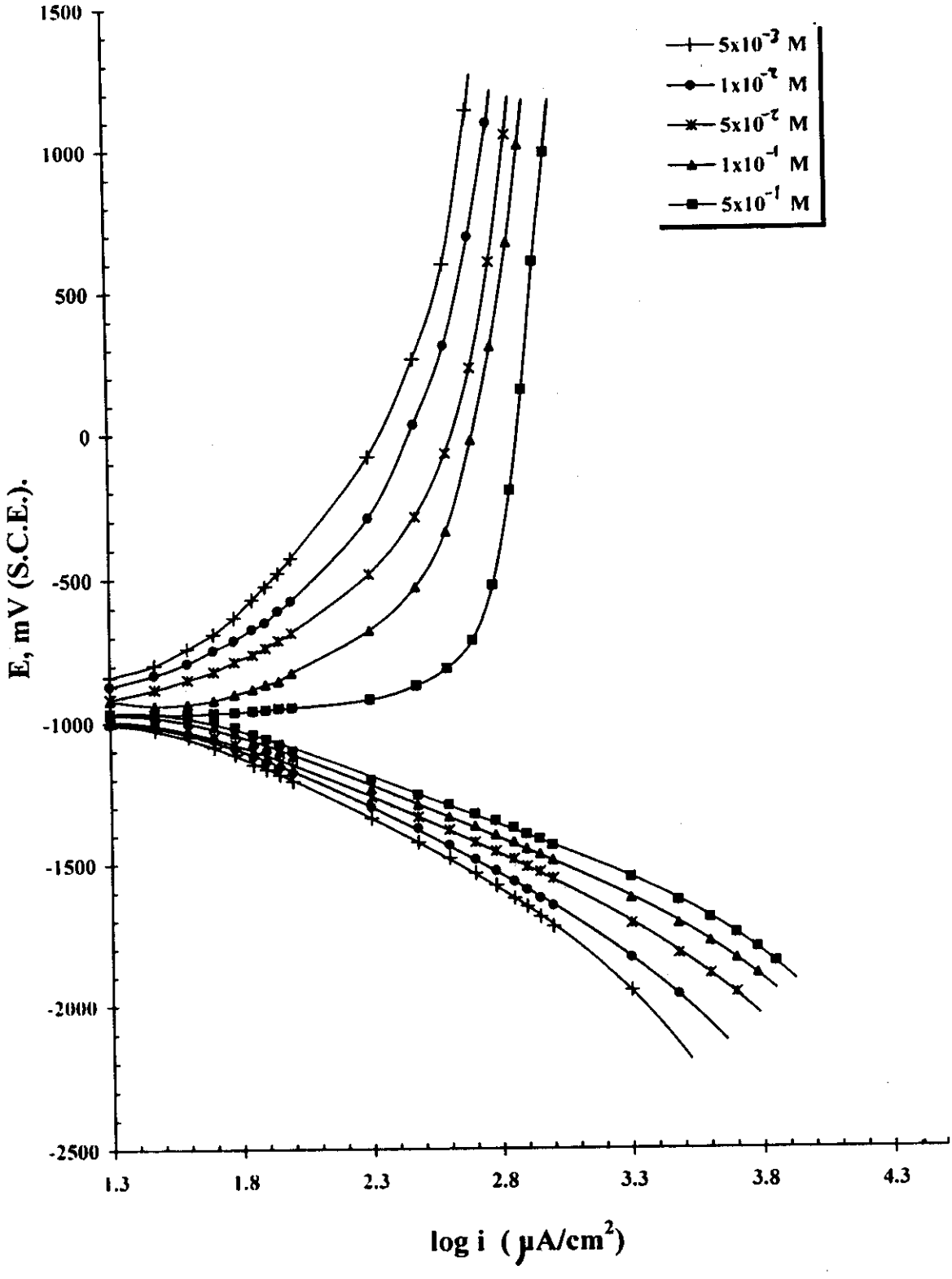


Fig.(3): Anodic and cathodic polarization curves of cadmium in different concentrations of Na_2CO_3 solution.

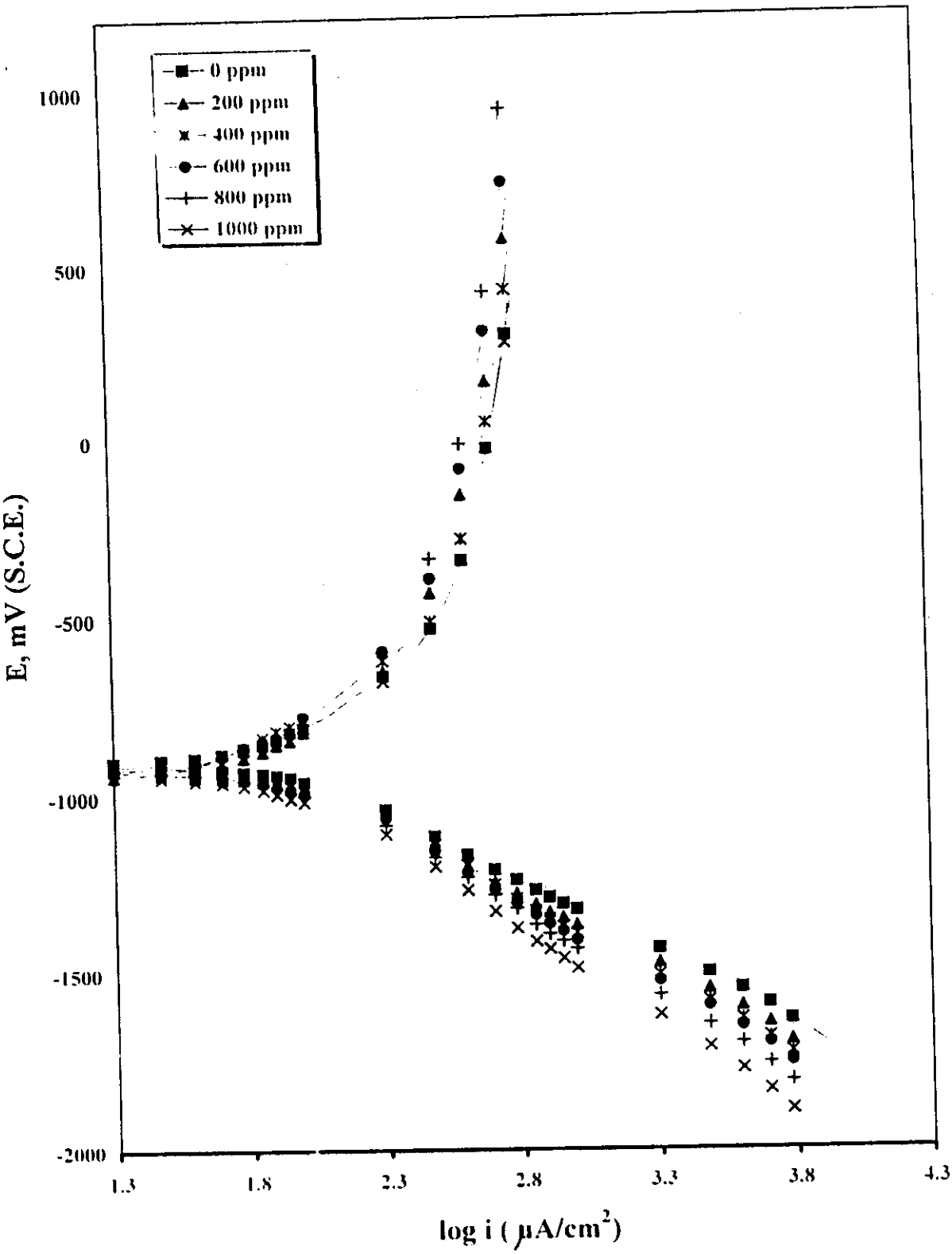


Fig.(4): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 solution + different concentrations of surfactant I.

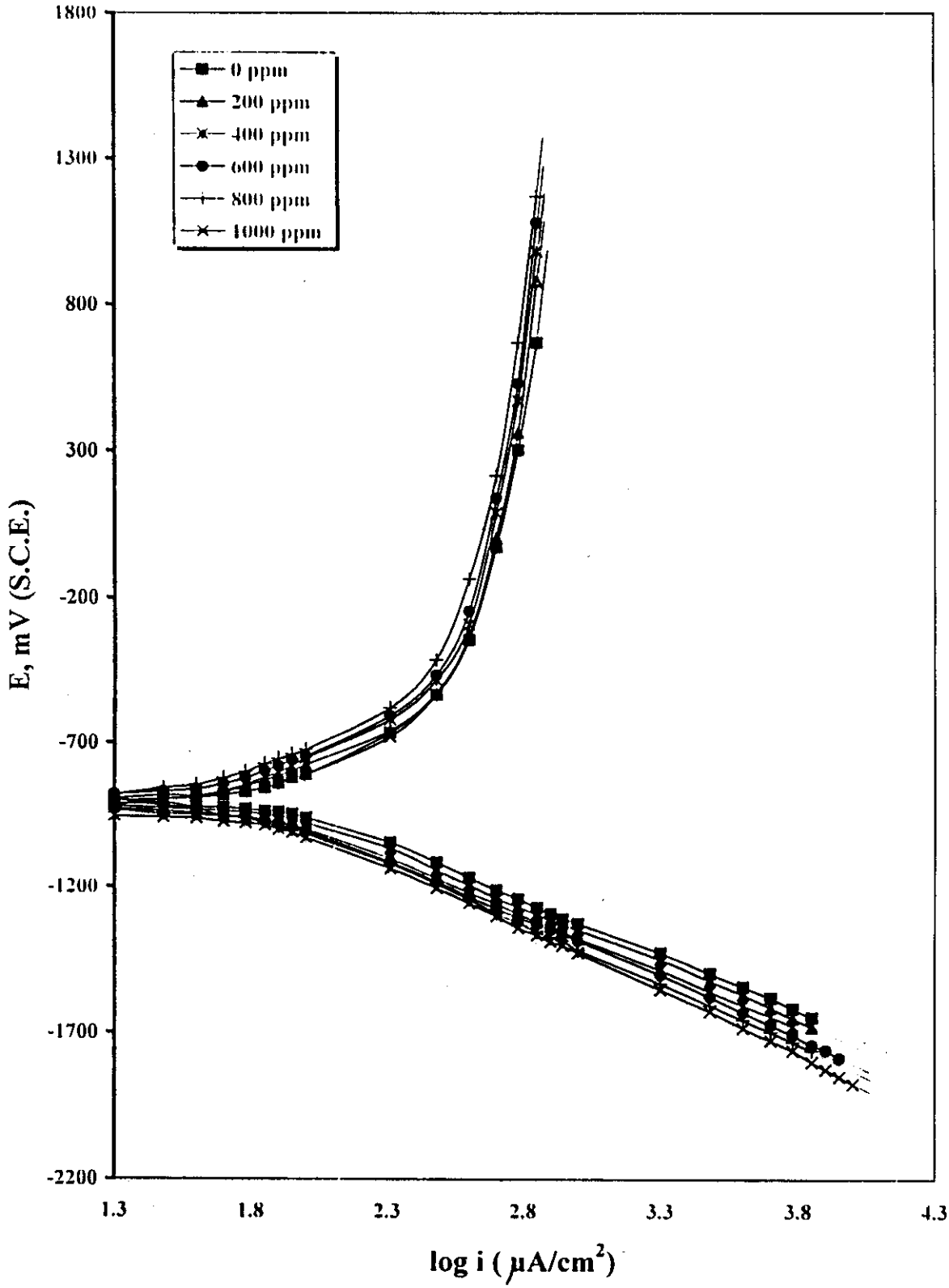


Fig.(5): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + different concentrations of surfactant II.

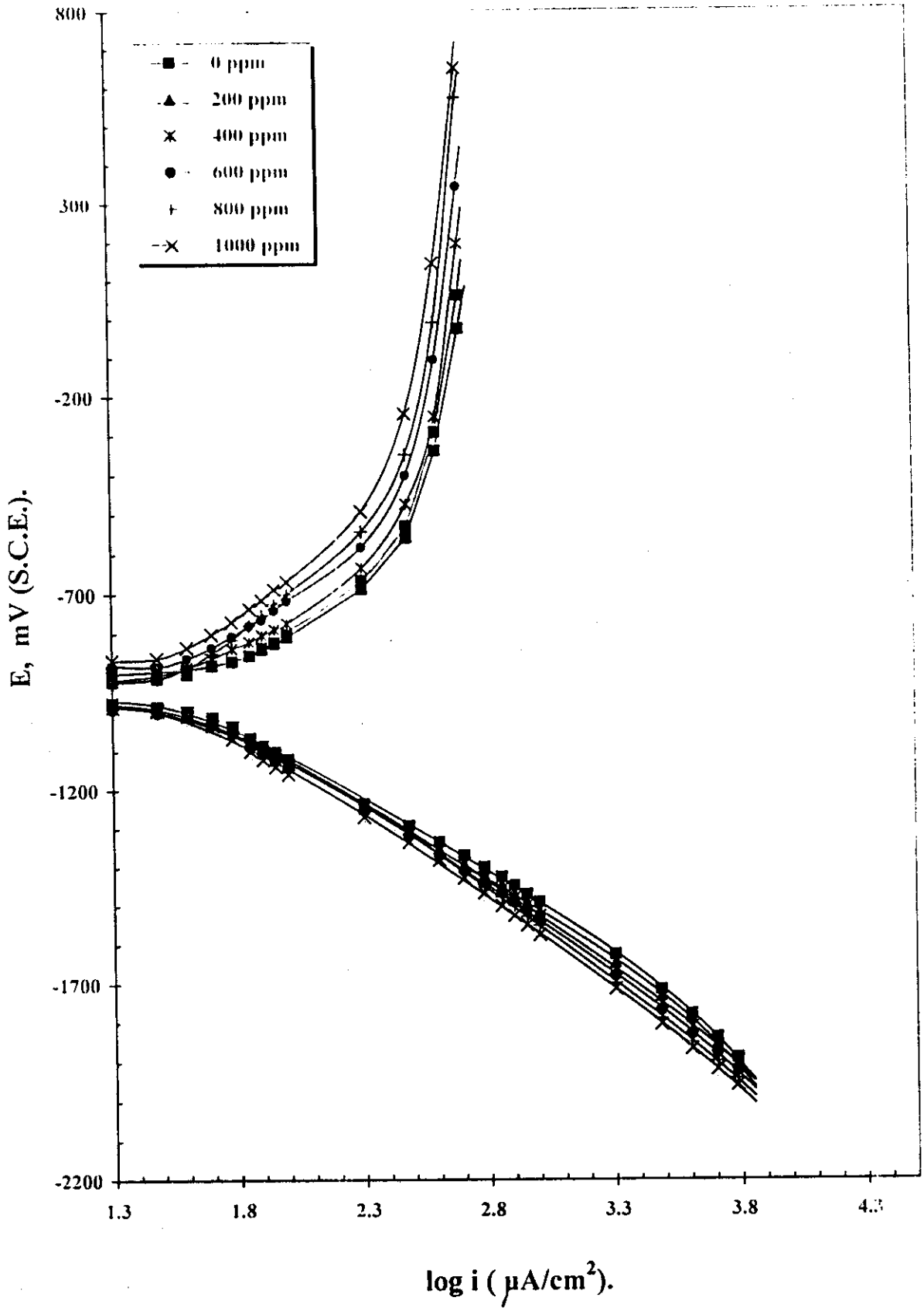


Fig.(6): Anodic and cathodic polarization curves of cadmium electrode in 0.1 M Na_2CO_3 + different concentrations of surfactant III.

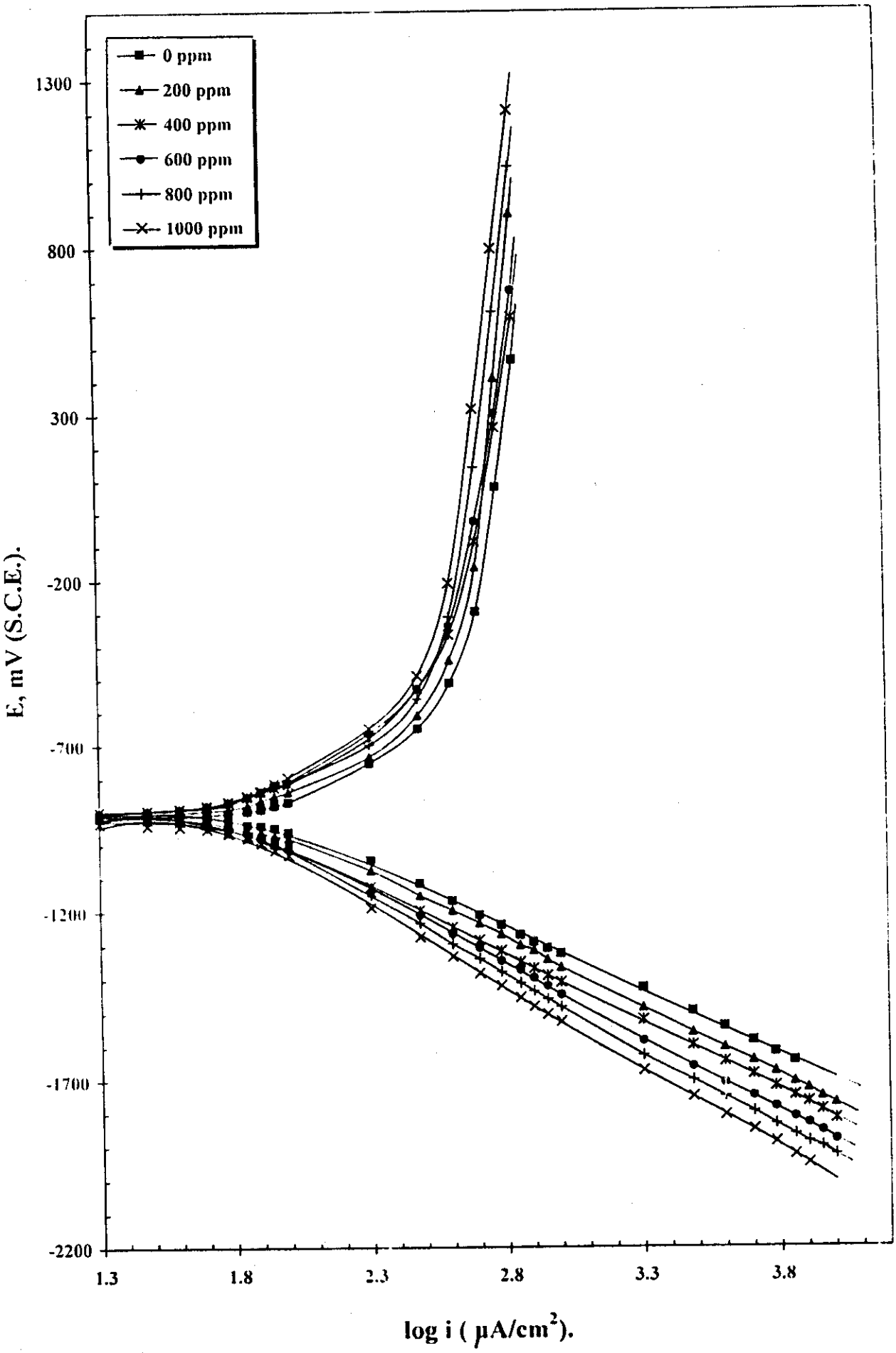


Fig.(7): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + different concentrations of surfactant IV.

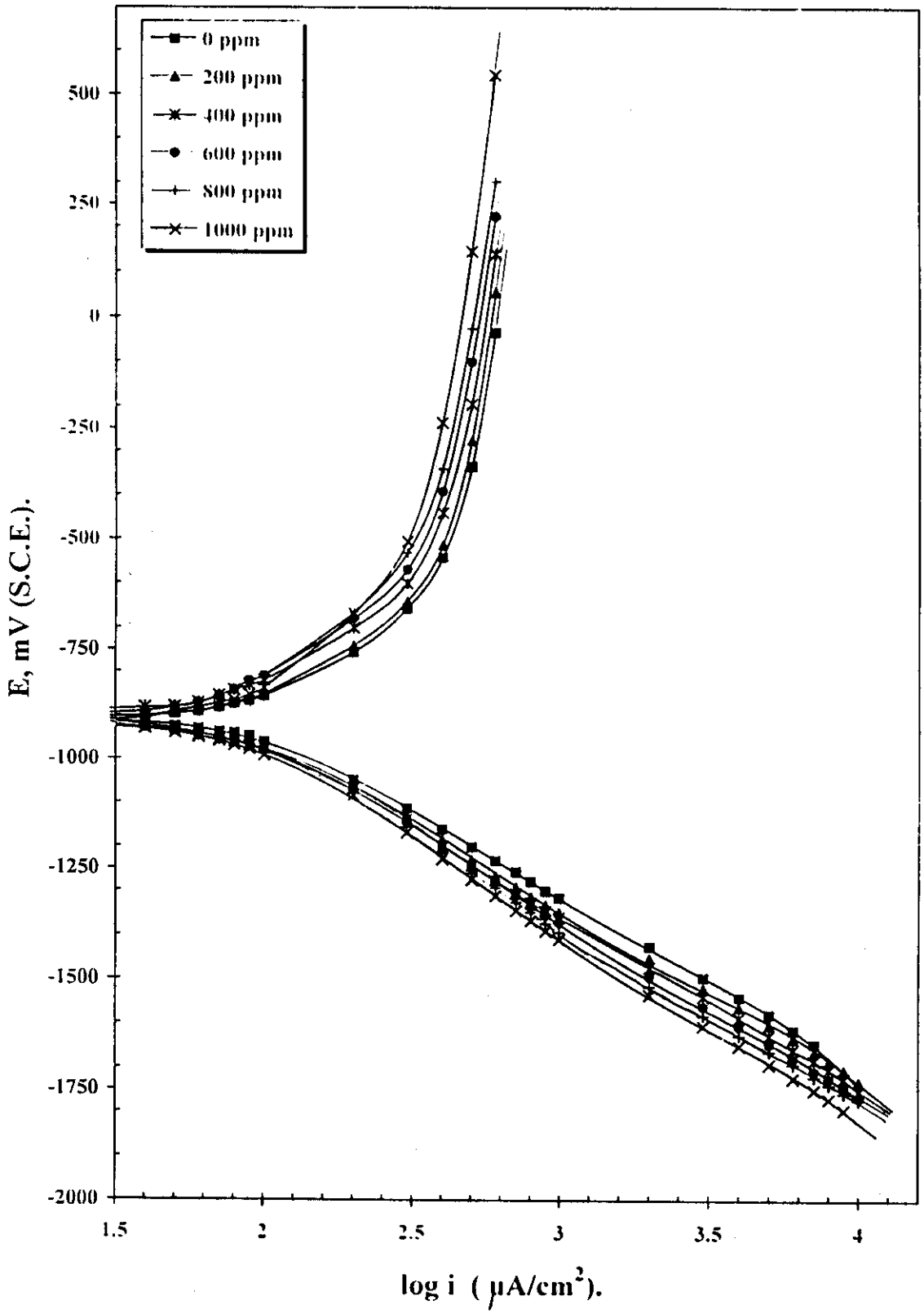


Fig.(8): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + different concentrations of surfactant V.

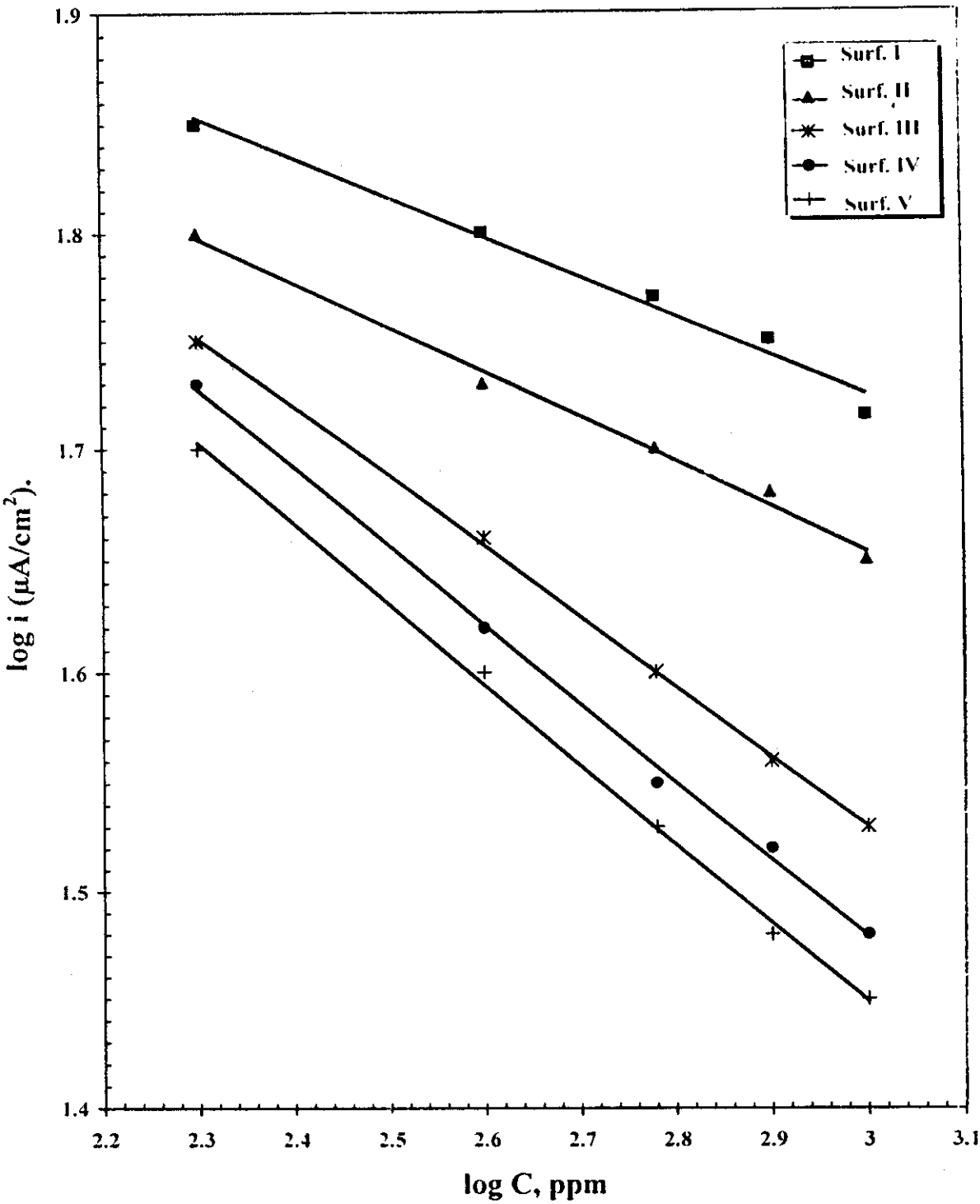


Fig.(9): The relation between logarithm of corrosion current density and logarithm the concentration of surfactants (I-V) in 0.1 M Na_2CO_3.

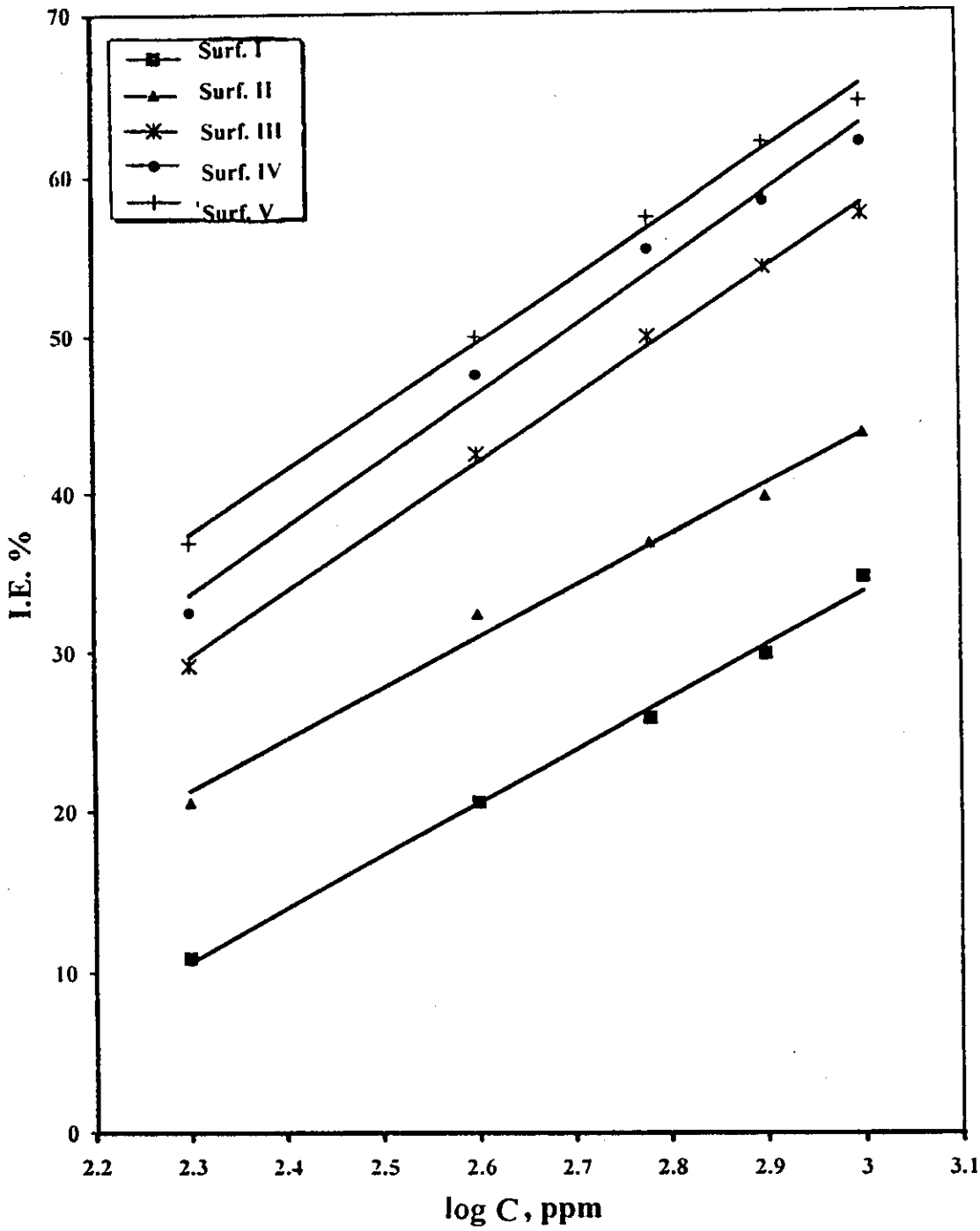


Fig.(10): The relation between the inhibition efficiency (I.E.%) and the logarithm of concentrations of surfactants (I-V) in 0.1 M Na_2CO_3.

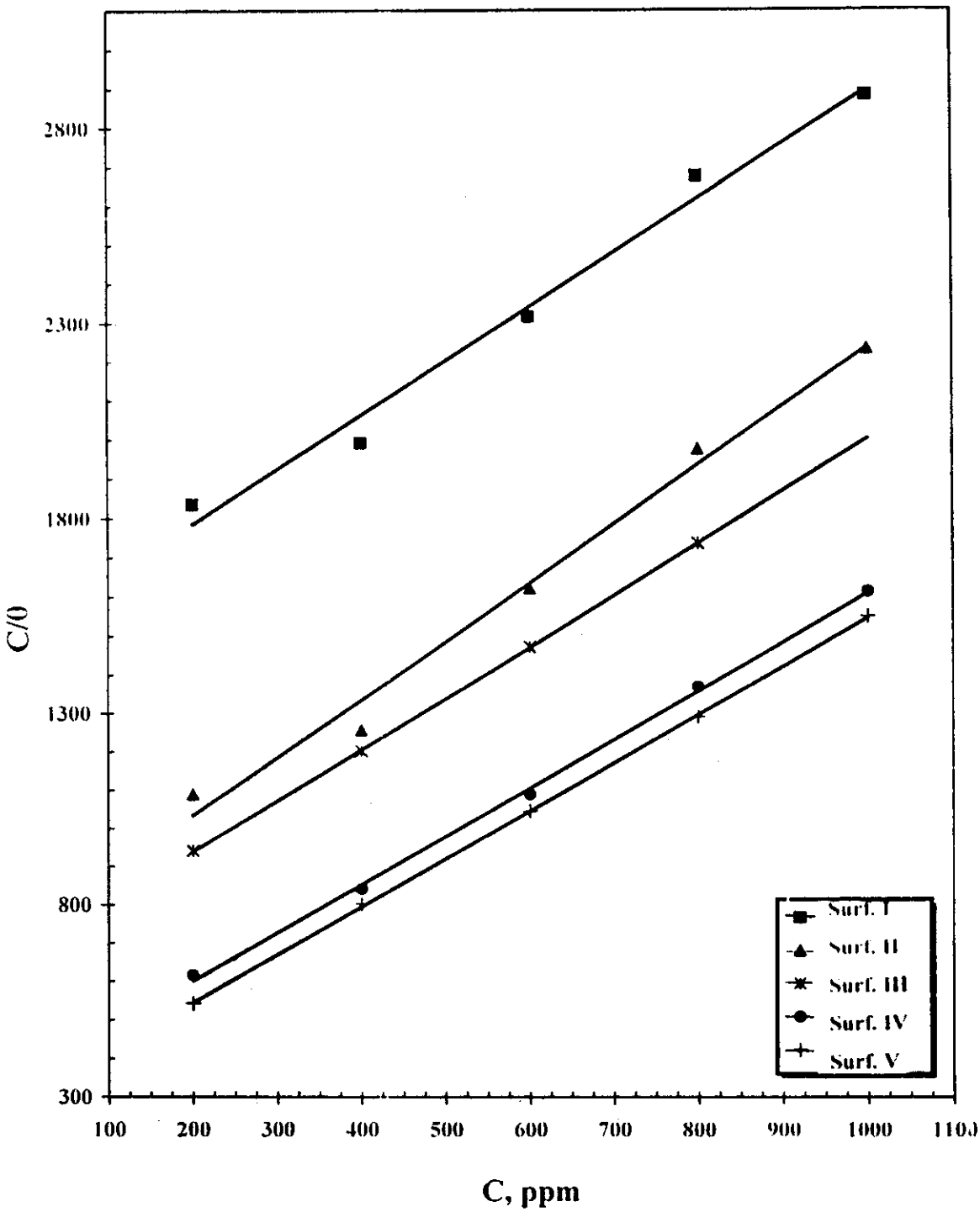


Fig.(11): The relation between C/0 & C for surfactants (I-V) in 0.1 M Na_2CO_3 solution.

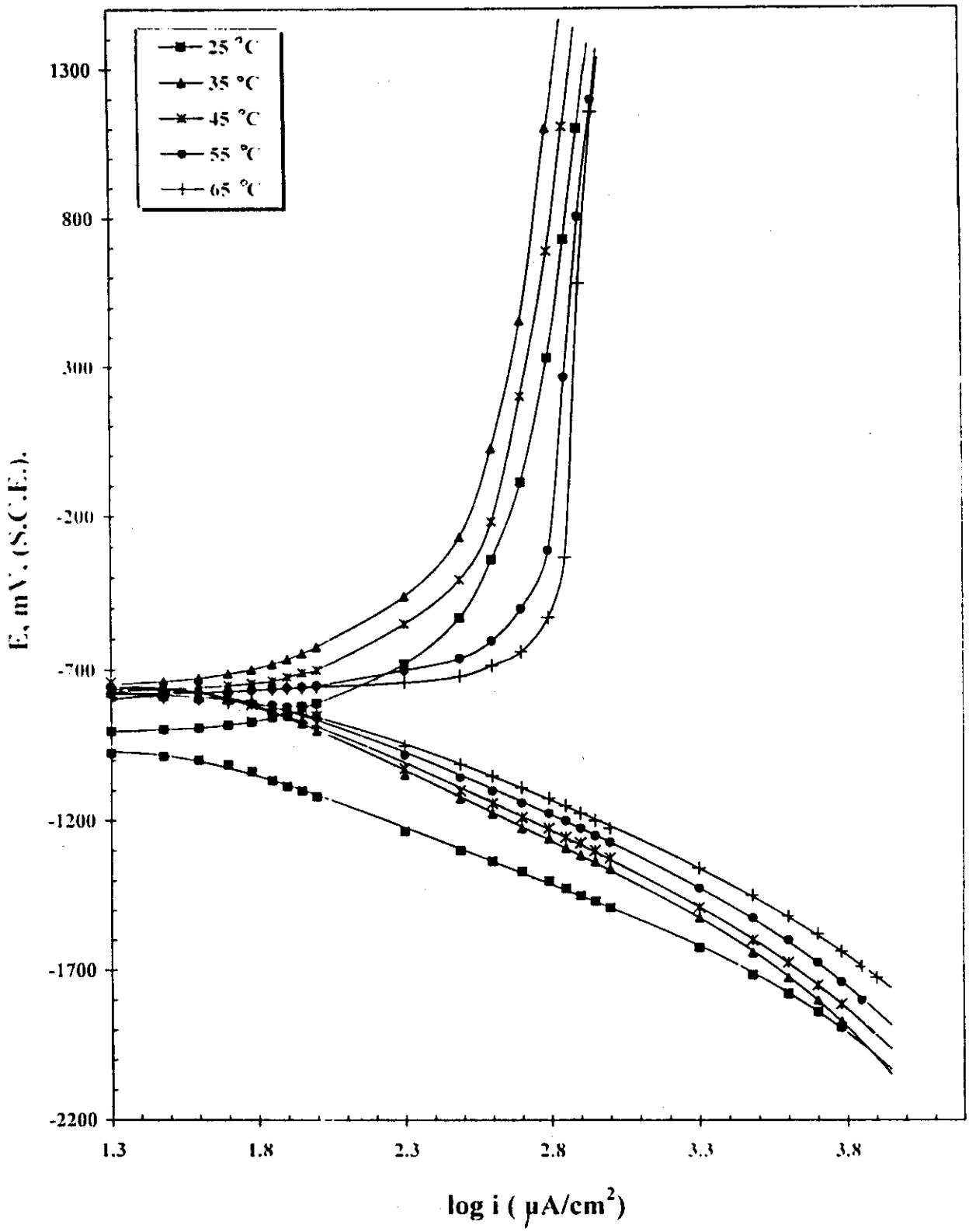


Fig.(12): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 at different temperatures.

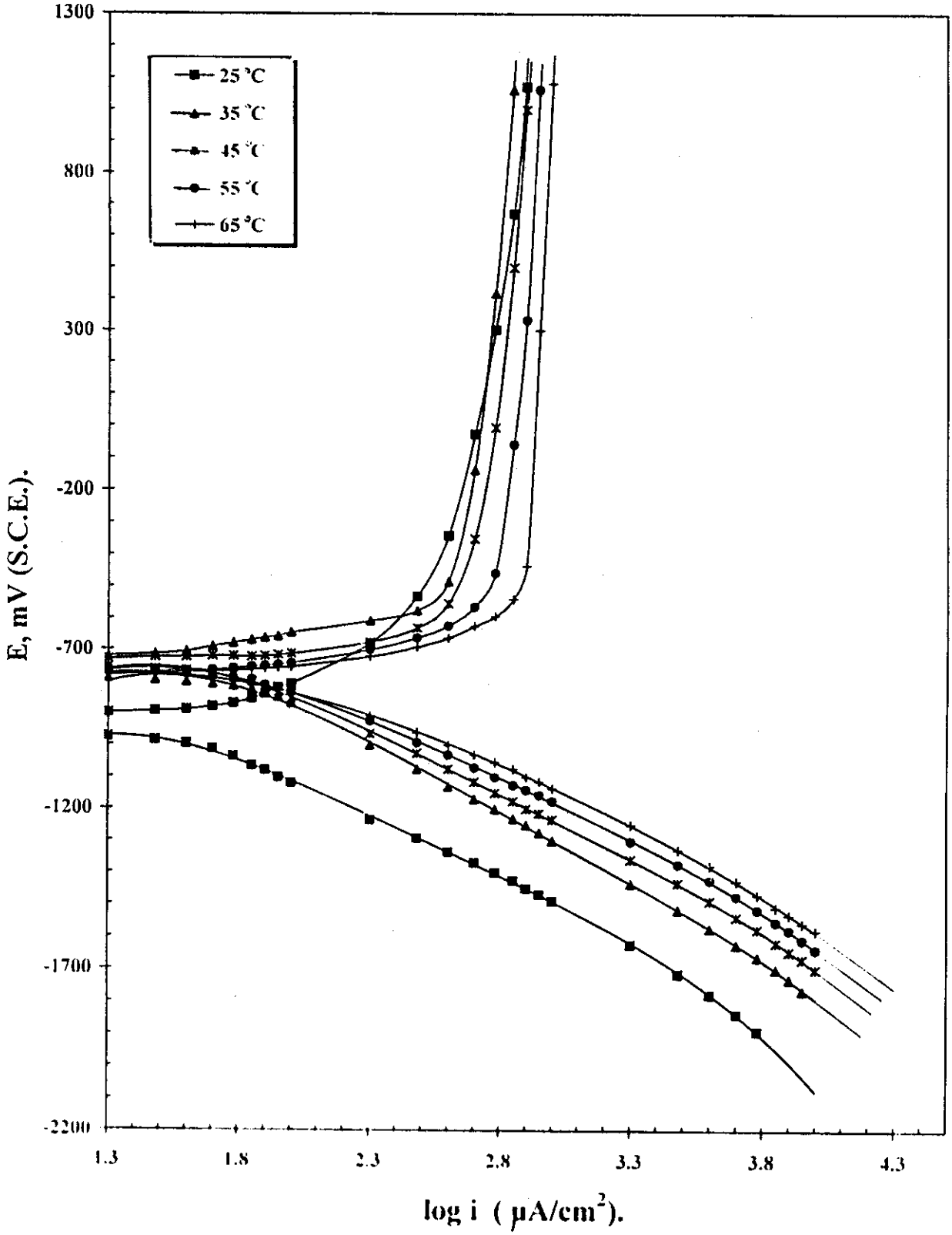


Fig.(13): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + 1000 ppm of surfactant I at different temperatures.

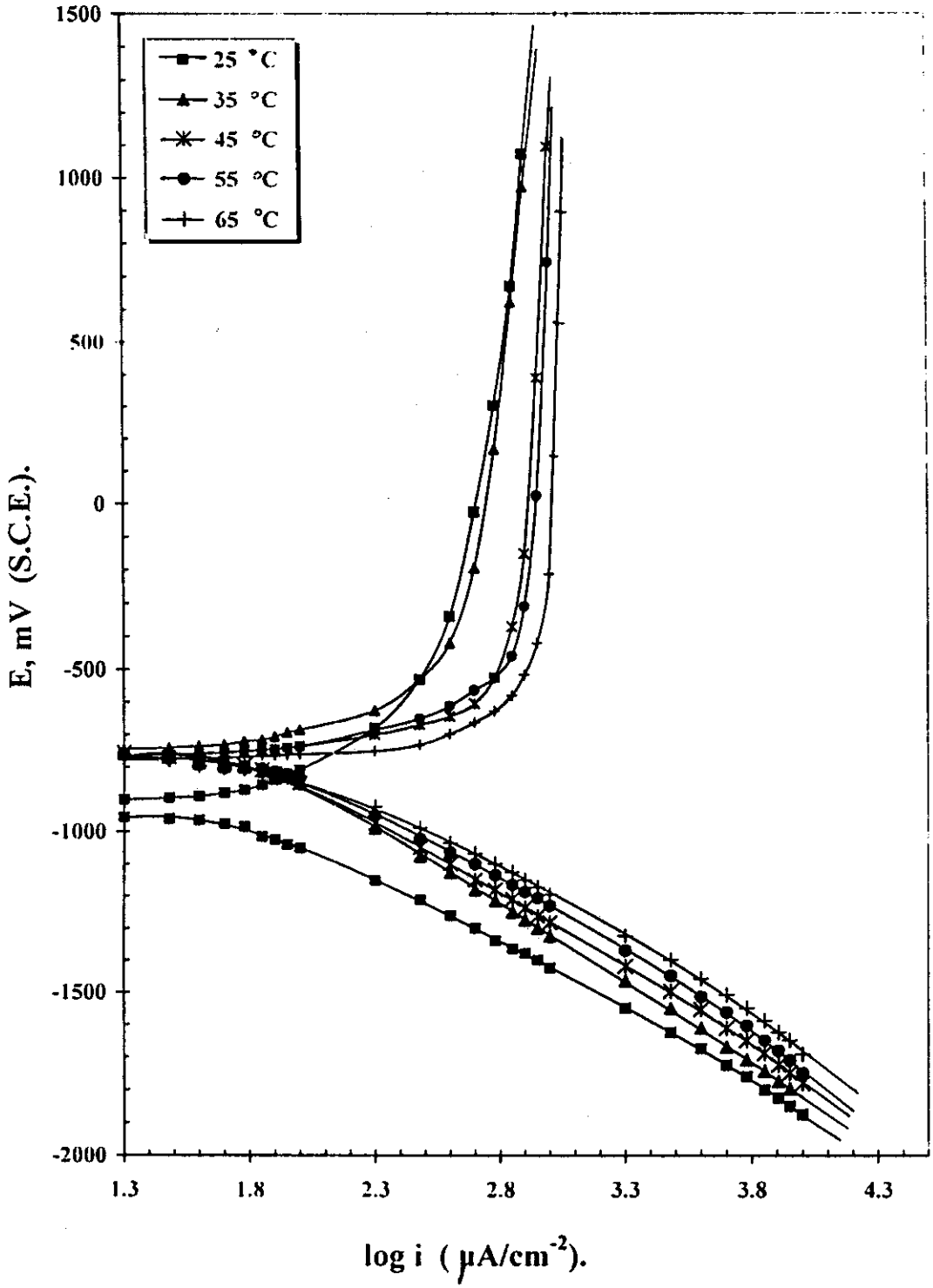


Fig.(14): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + 1000 ppm of surfactant II at different temperatures

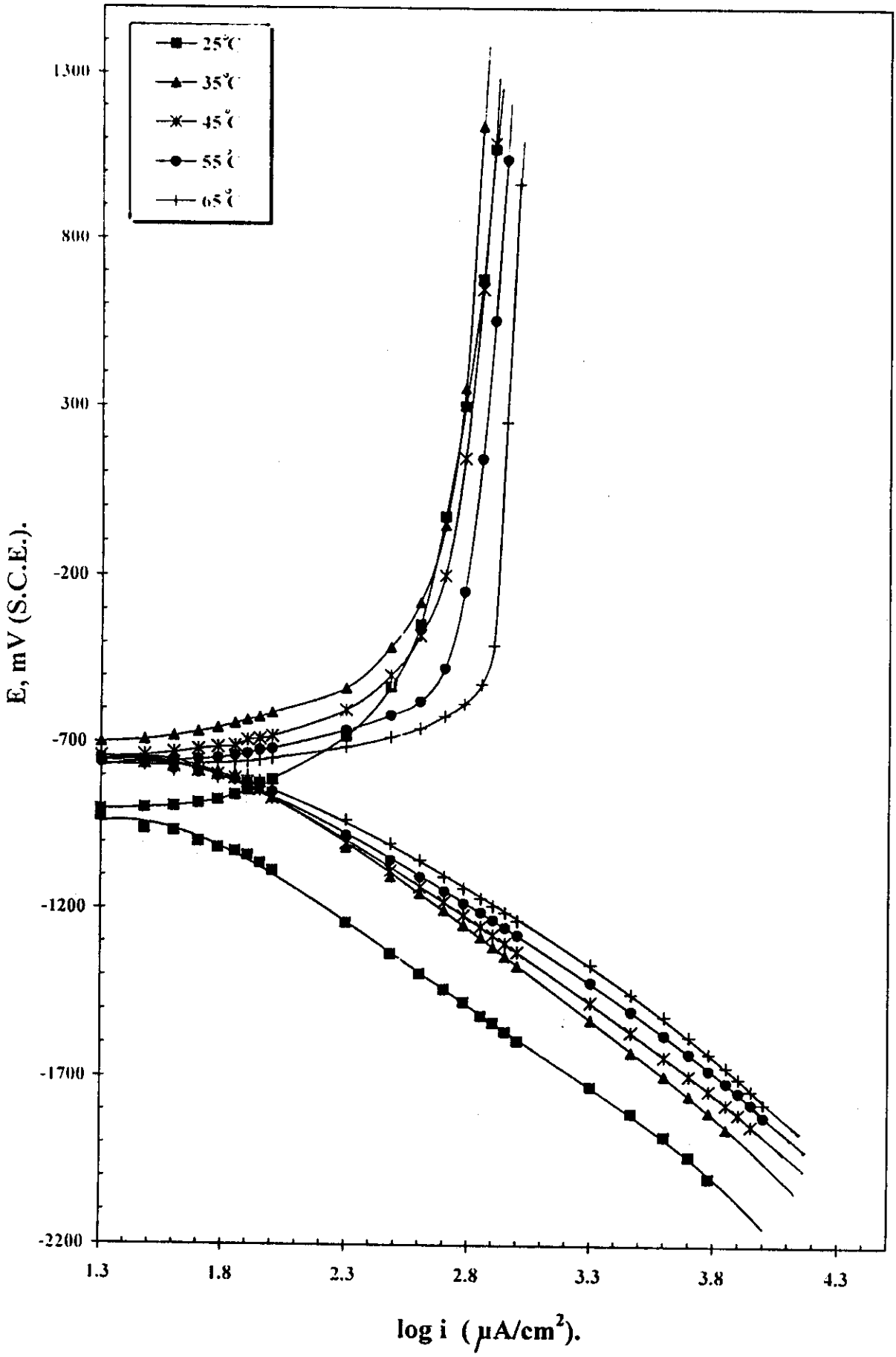


Fig.(15): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + 1000 ppm of surfactant III at different temperatures .

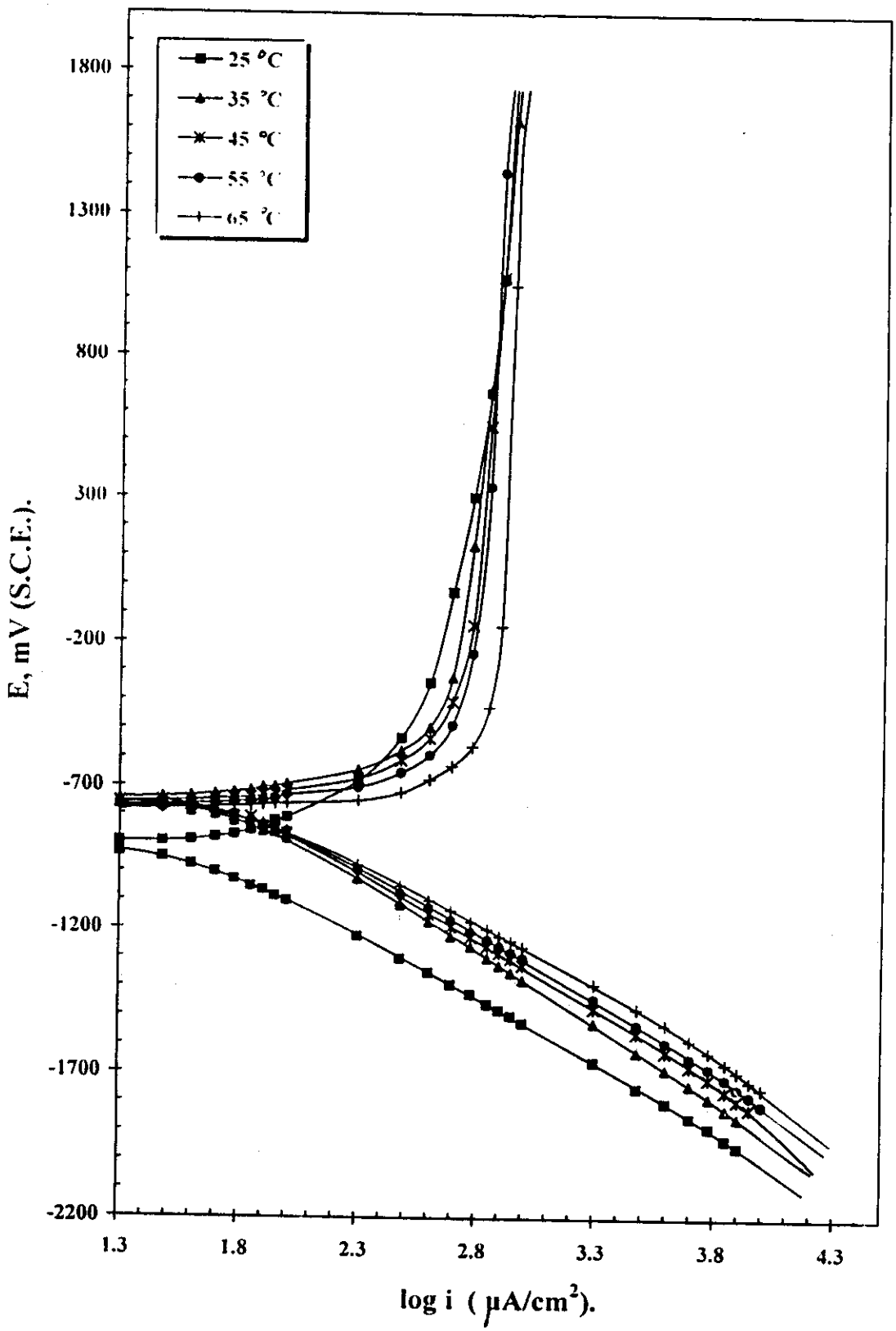


Fig.(16): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + 1000 ppm of surfactant IV at different temperatures .

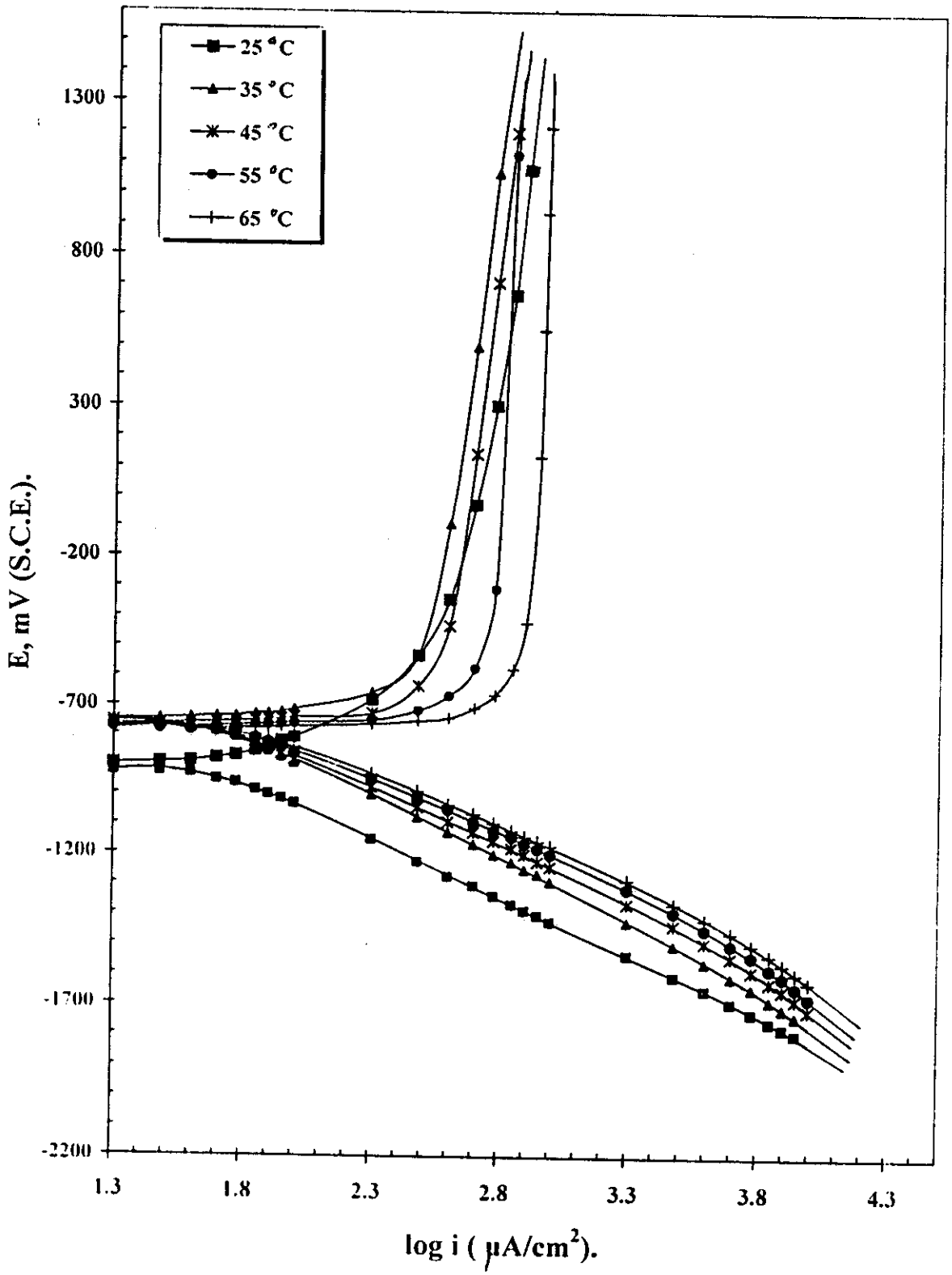


Fig.(17): Anodic and cathodic polarization curves of cadmium in 0.1 M Na_2CO_3 + 1000 ppm of surfactant V at different temperatures .

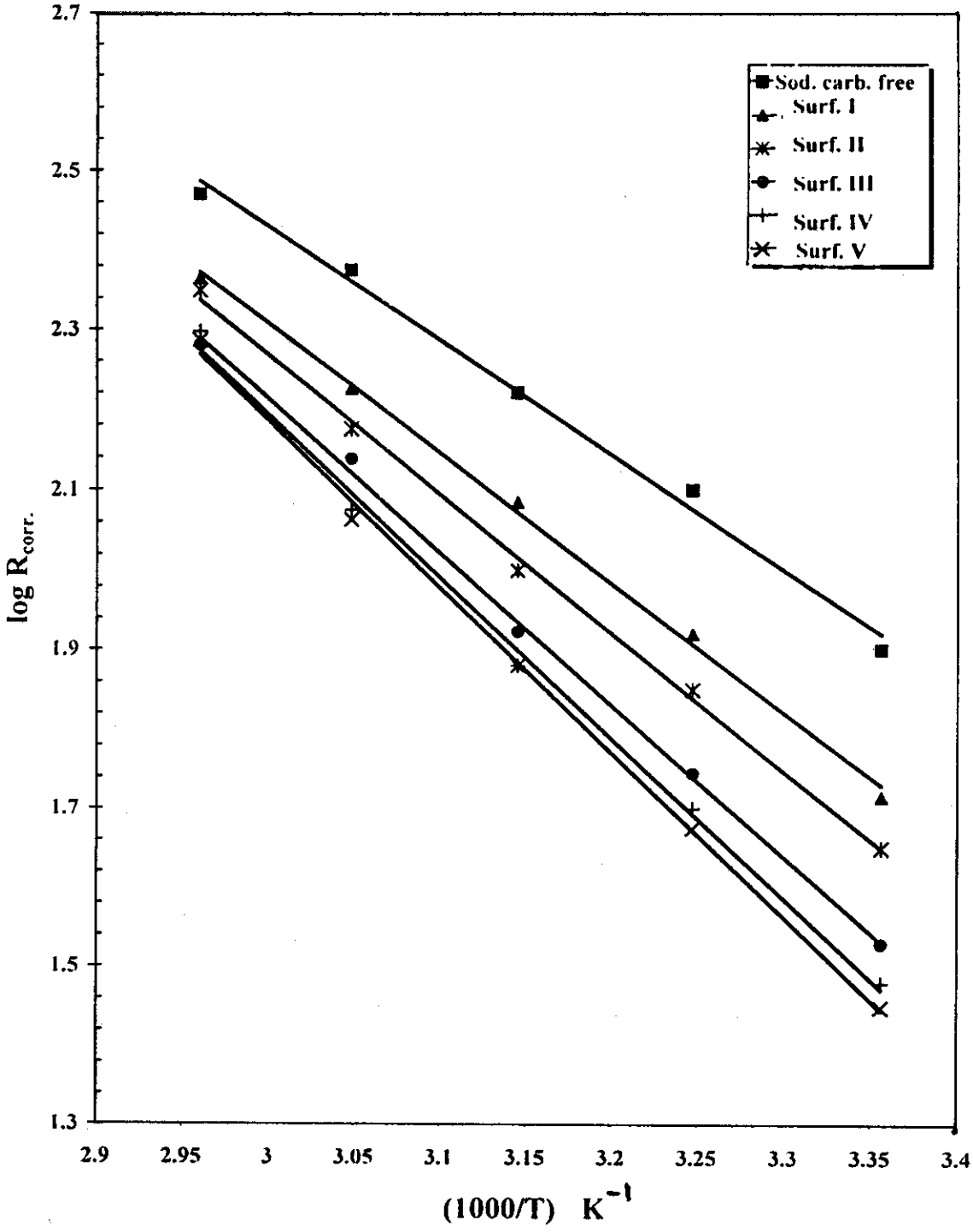


Fig.(18): Arrhenius plots of cadmium corrosion rate in 0.1 M Na_2CO_3 in absence and presence of 1000 ppm of surfactants (I-V).

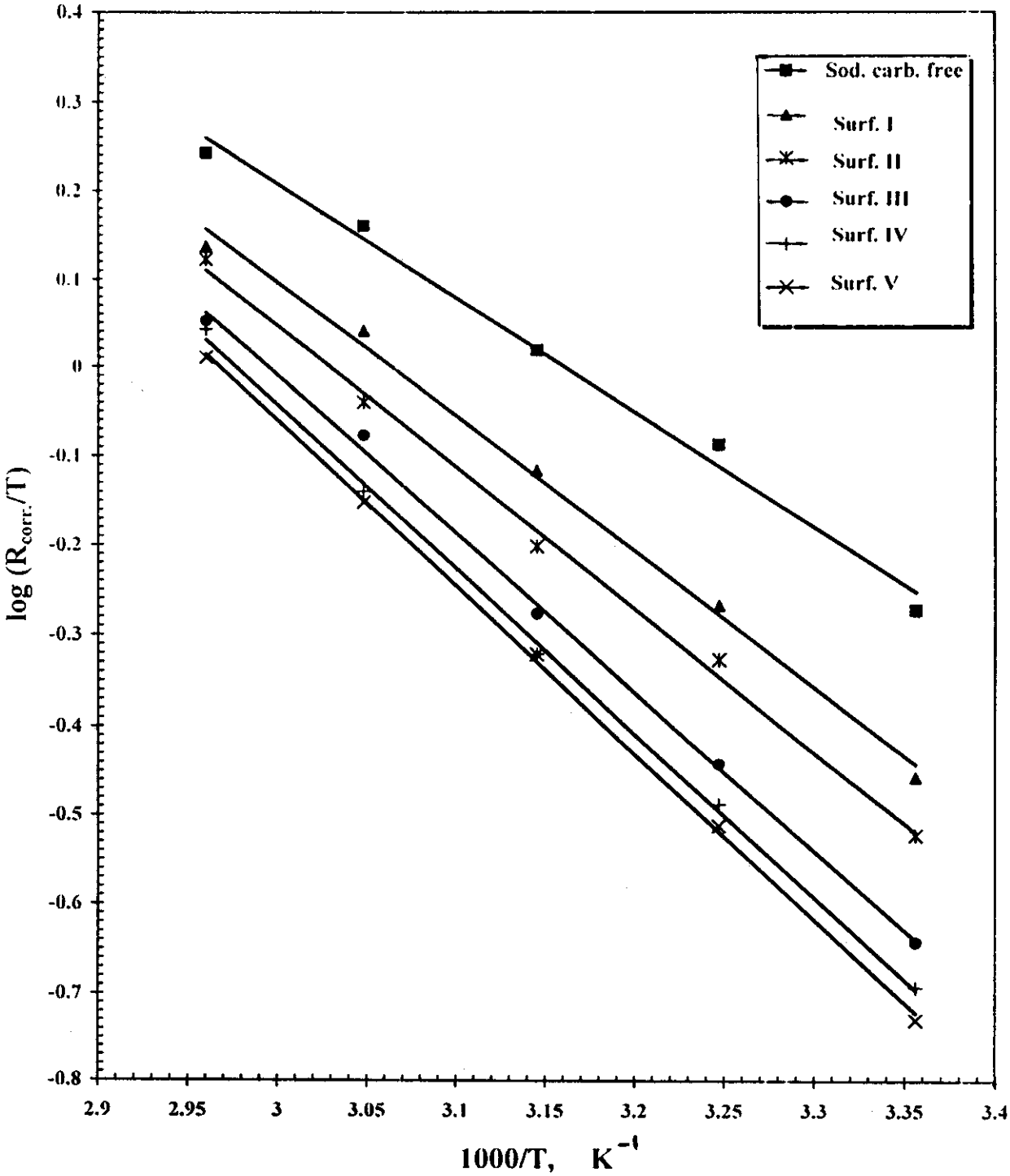


Fig.(19): The relation between log ($R_{corr.}$/T) and (1/T) for cadmium in 0.1 M Na_2CO_3 in absence and presence of 1000 ppm of surfactants (I-V).

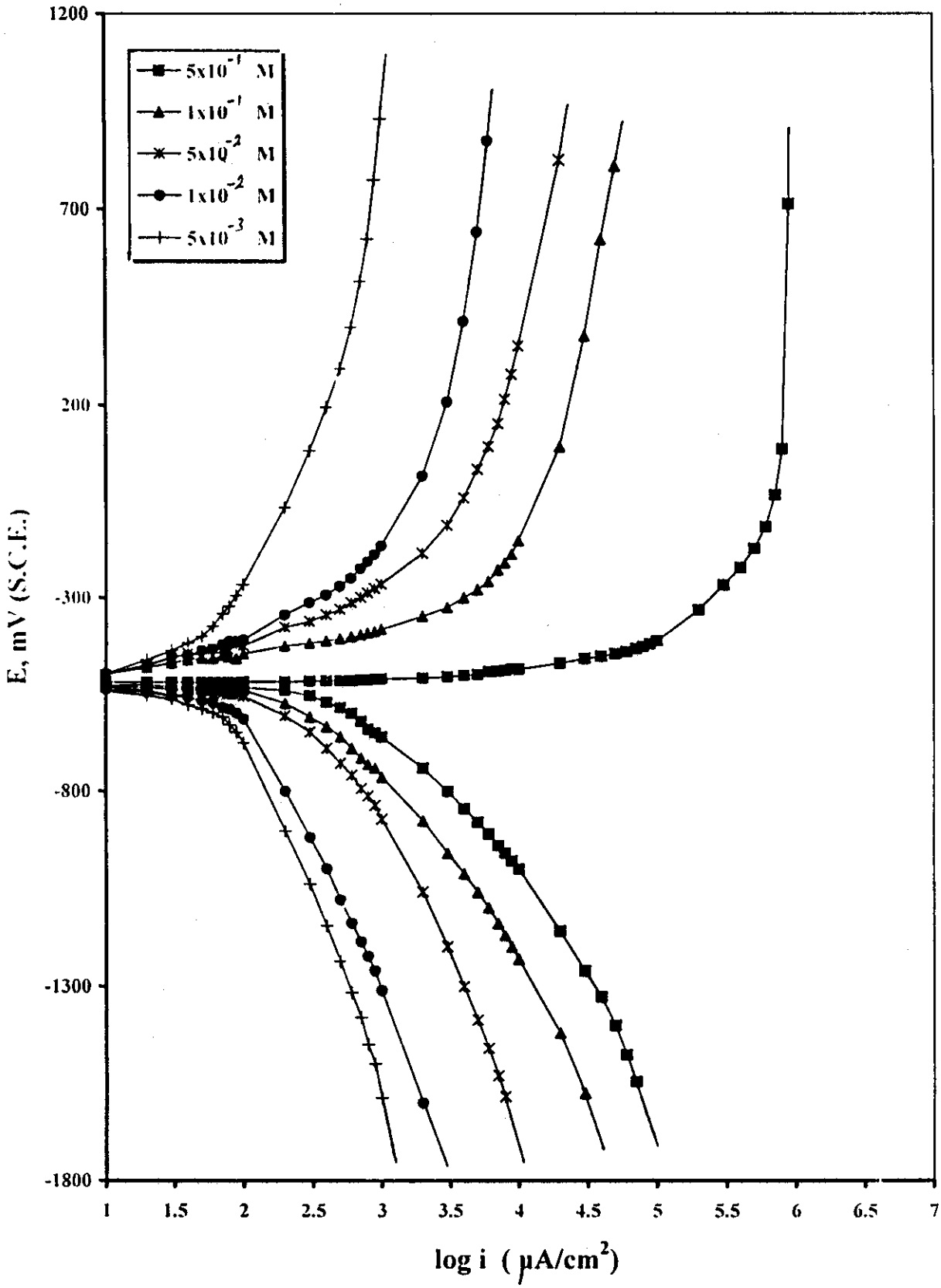


Fig.(20): Anodic and cathodic polarization curves of cadmium in different concentrations of HCl acid solution.

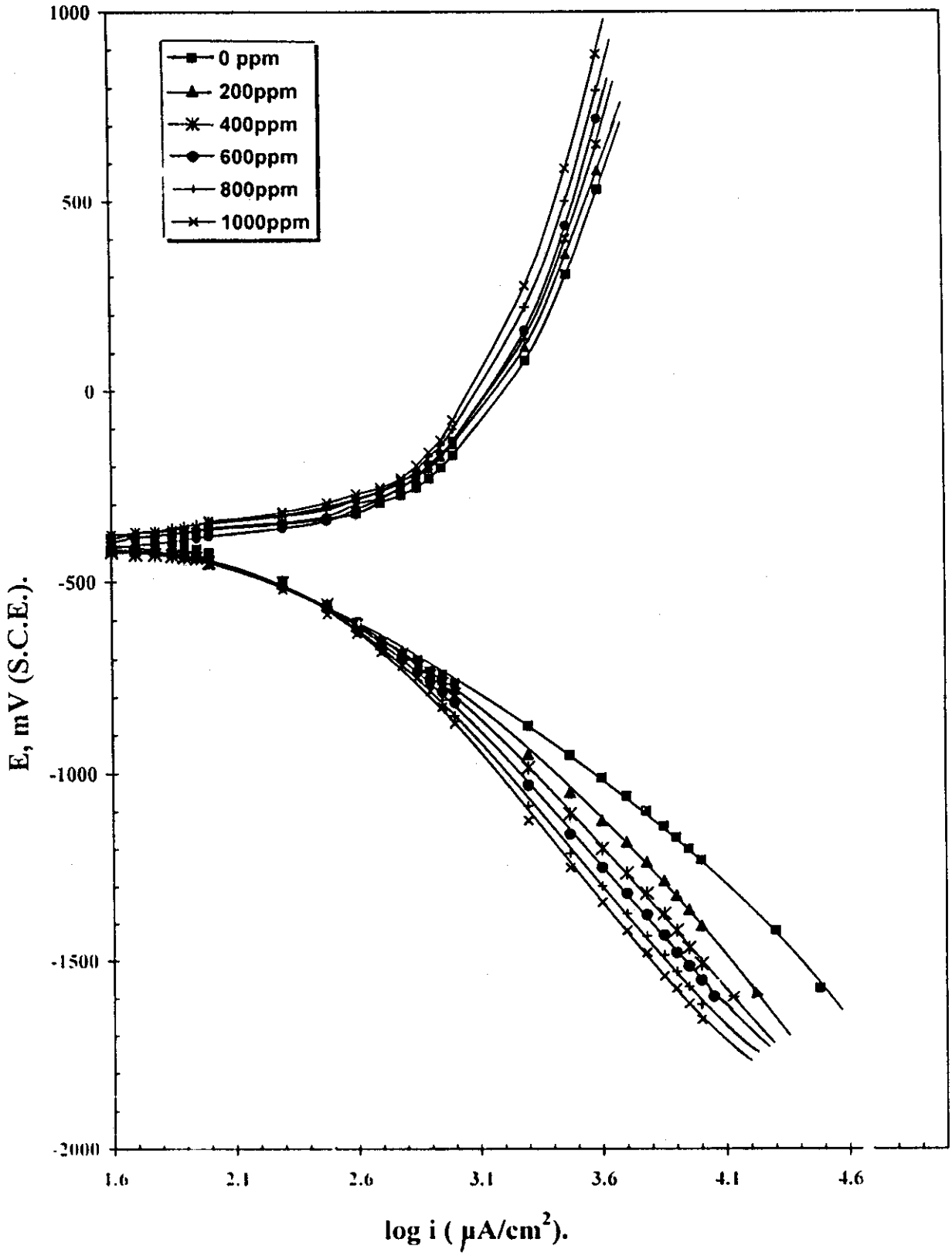


Fig.(21): Anodic and cathodic polarization curves of cadmium electrode in 0.1 M HCl + different concentrations of surfactant I.