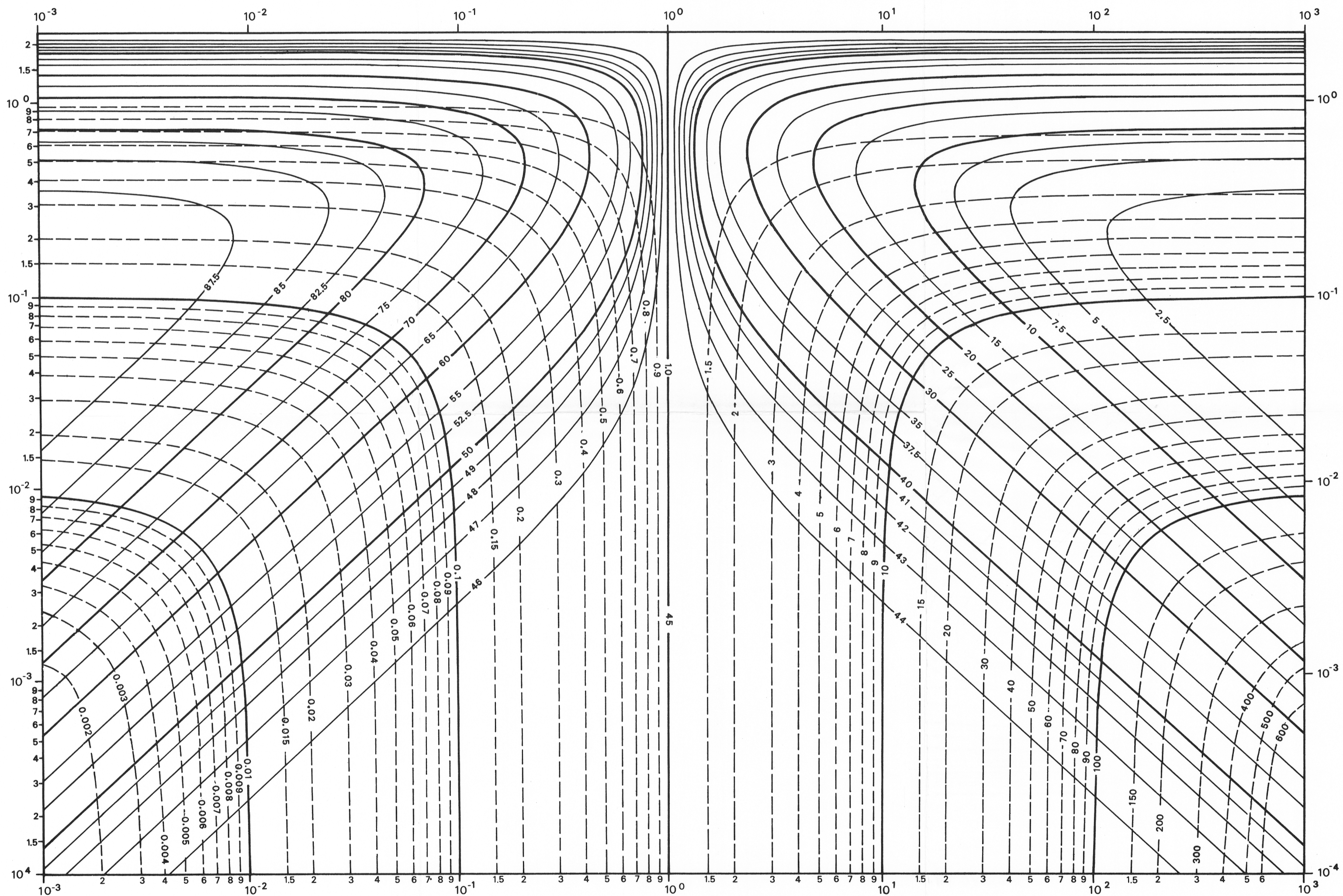




Figure 6.

MASTER CHART FOR TWO-LAYER VLF RESISTIVITY INTERPRETATION

CONTOURS OF CONSTANT PHASE φ ARE SOLID; THOSE FOR CONSTANT $|Q|$ ARE DASHED



INTERPRETATION:

KNOWN ρ_1 - compute $|Q| = \sqrt{\rho_a/\rho_1}$; locate $(|Q|, \varphi)$ to give α, β ;

KNOWN ρ_2/ρ_1 - locate (β, φ) to give $|Q|, \alpha$ (2 values); compute $\rho_1 = \rho_a |Q|^2$;

compute h from $\alpha = \sqrt{\omega \mu_0} h$; compute ρ_2 from $\beta = \sqrt{\rho_2/\rho_1}$