

# 港湾技術研究所報告

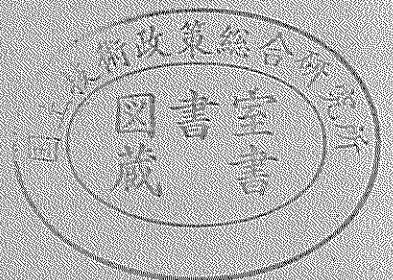
REPORT OF PORT AND HARBOUR TECHNICAL RESEARCH  
INSTITUTE MINISTRY OF TRANSPORTATION, JAPAN

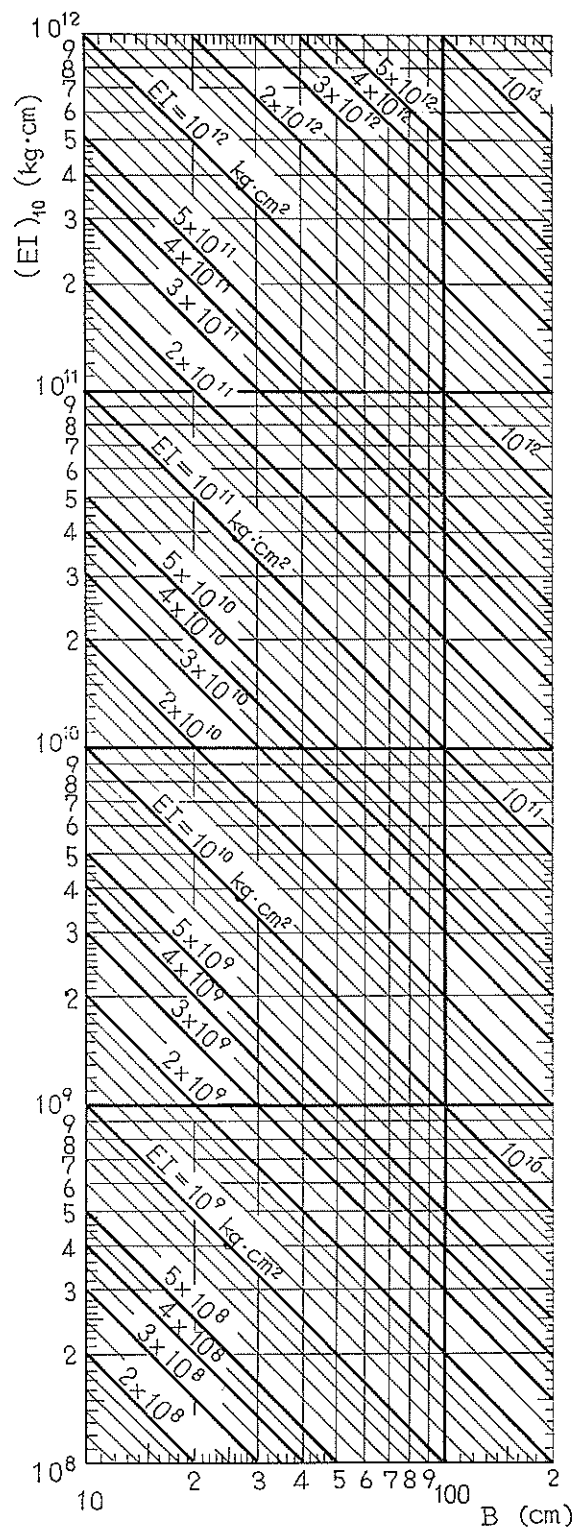
## 第2卷 3号 付表

杭の横抵抗の新しい計算法 計算図表…………… 久保浩一

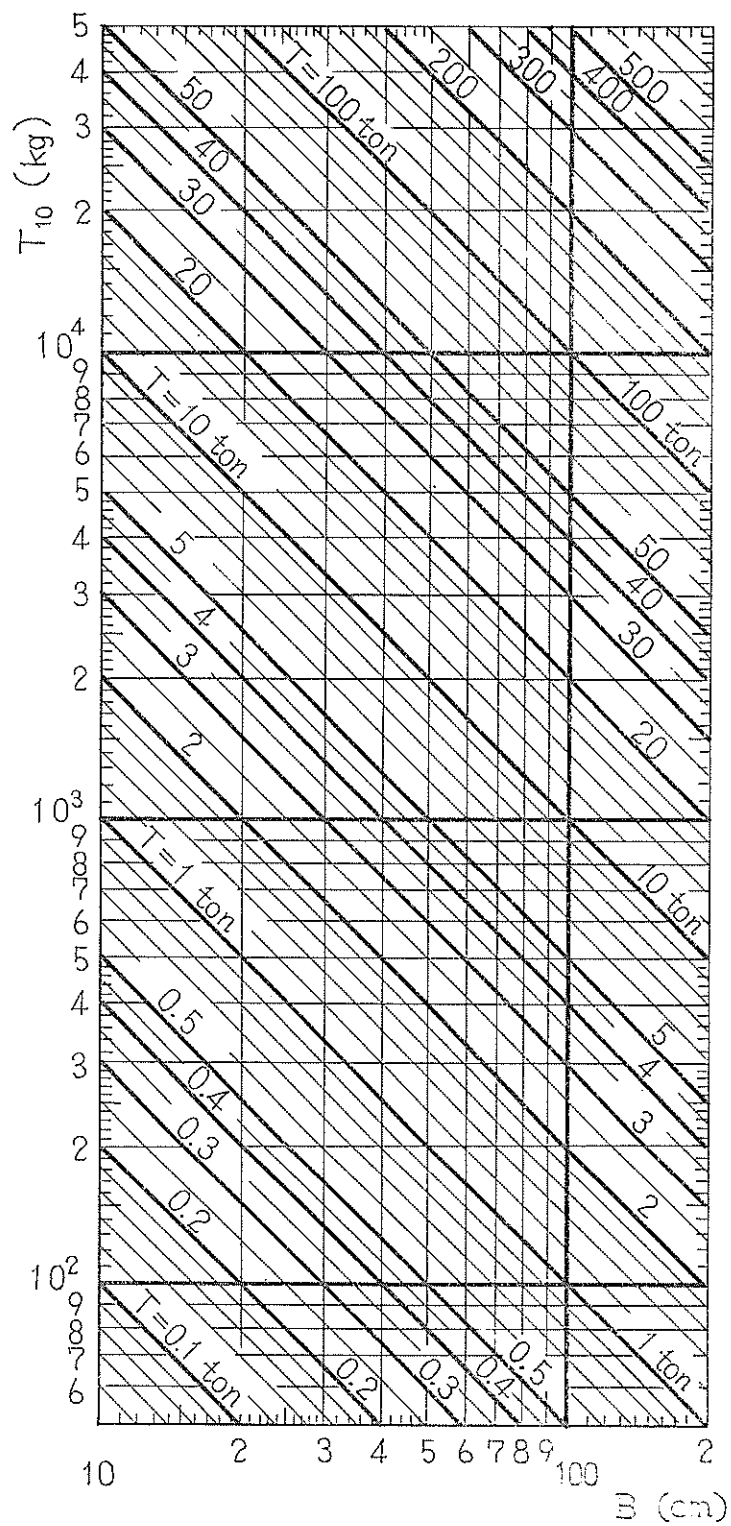
1964年3月

運輸省港湾技術研究所

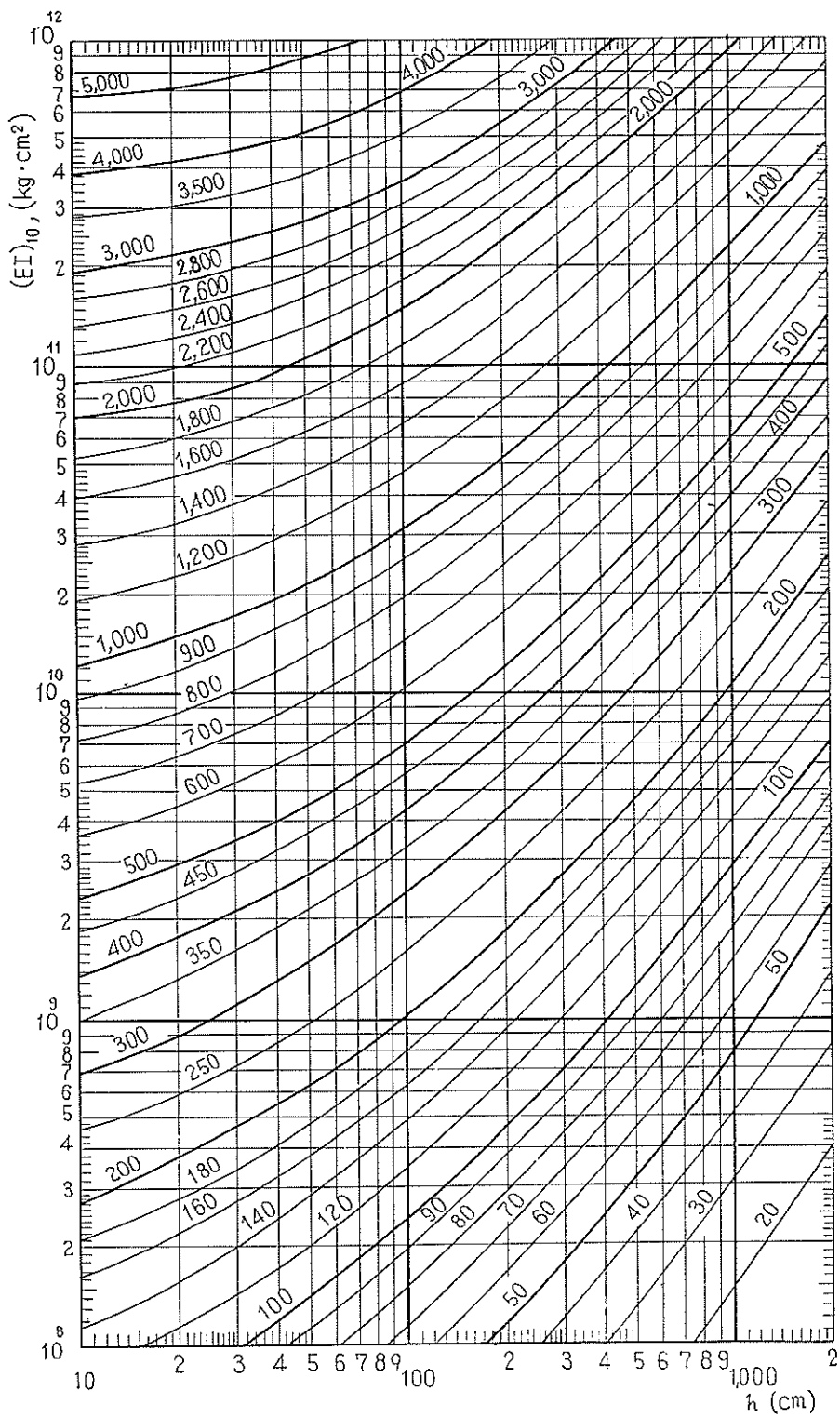




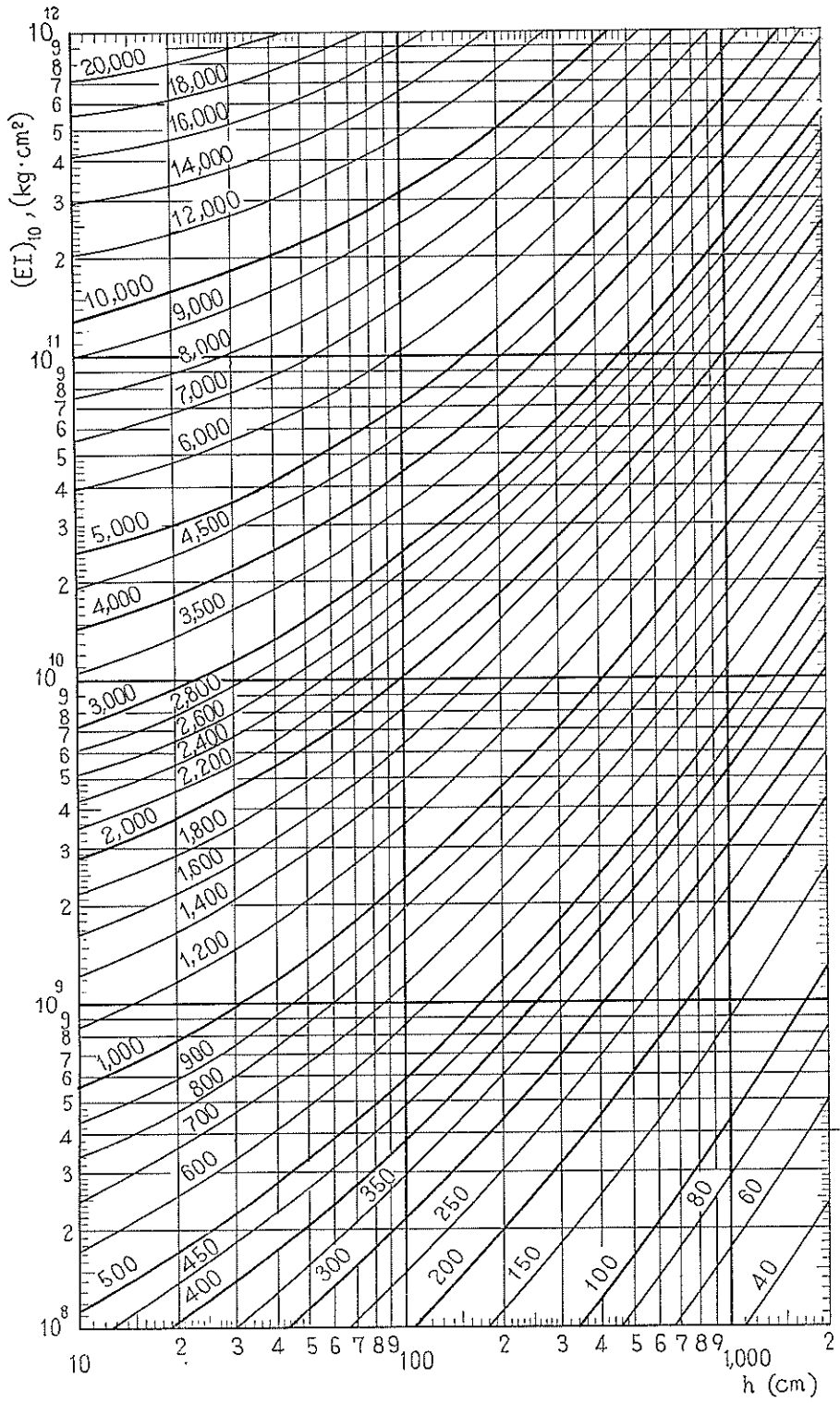
圖表—1  $(EI)_{10}$



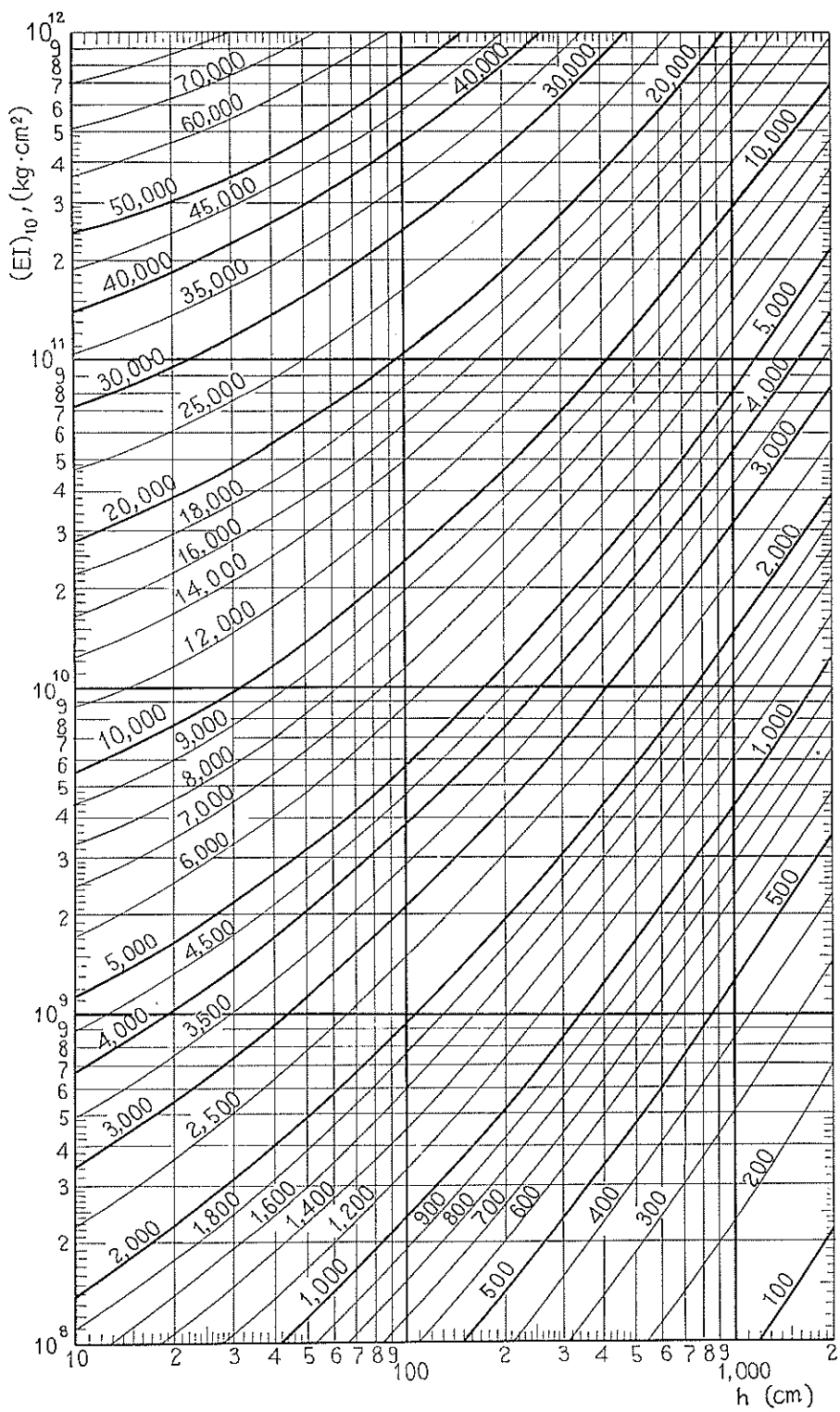
图表—2  $T_{10}$



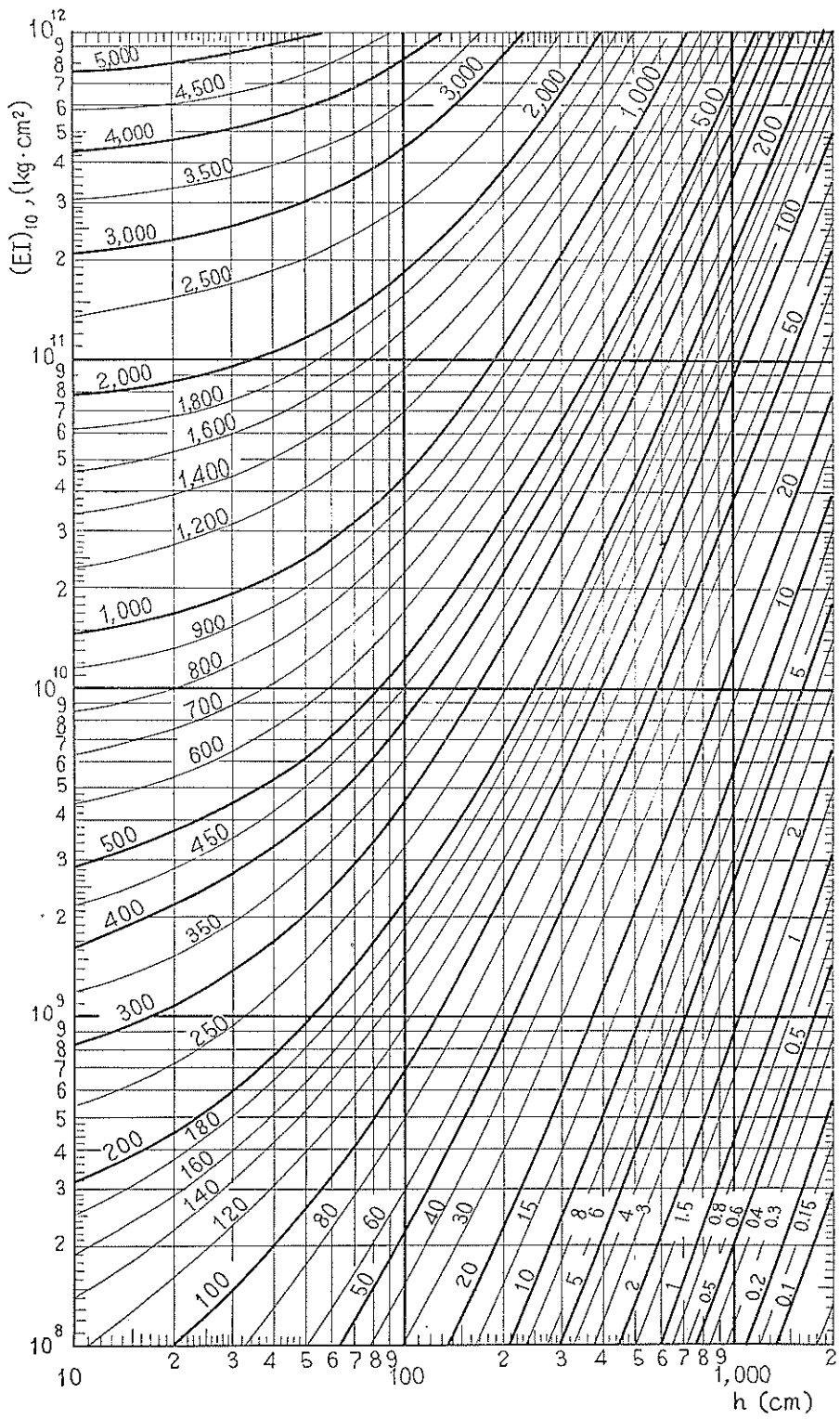
图表—3  $\alpha (\gamma_0, \text{Free}, k=5)$



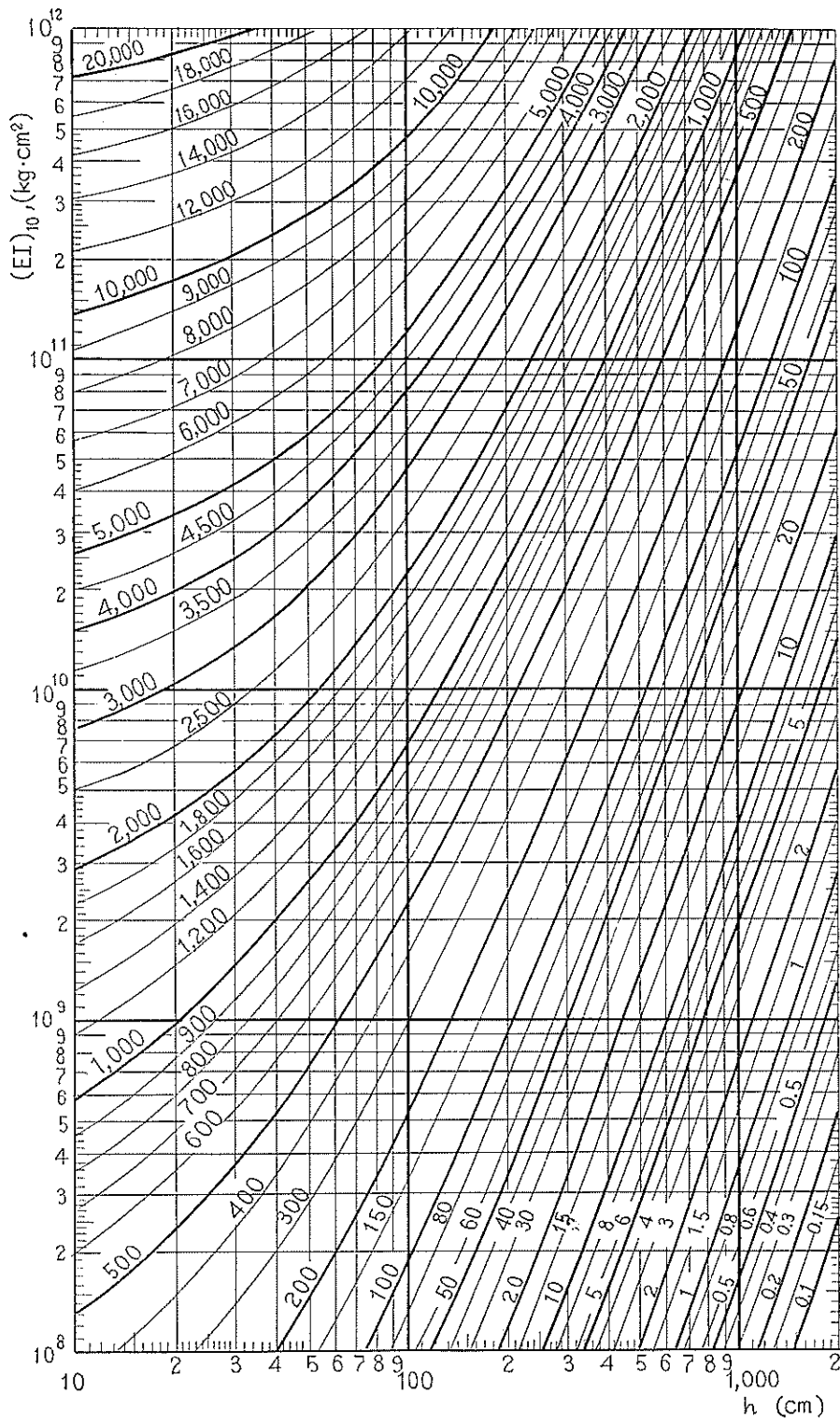
图表—4  $\alpha$  ( $y_0$ , Free,  $k=50$ )



图表—5  $\alpha$  ( $y_0$ , Free,  $k=500$ )

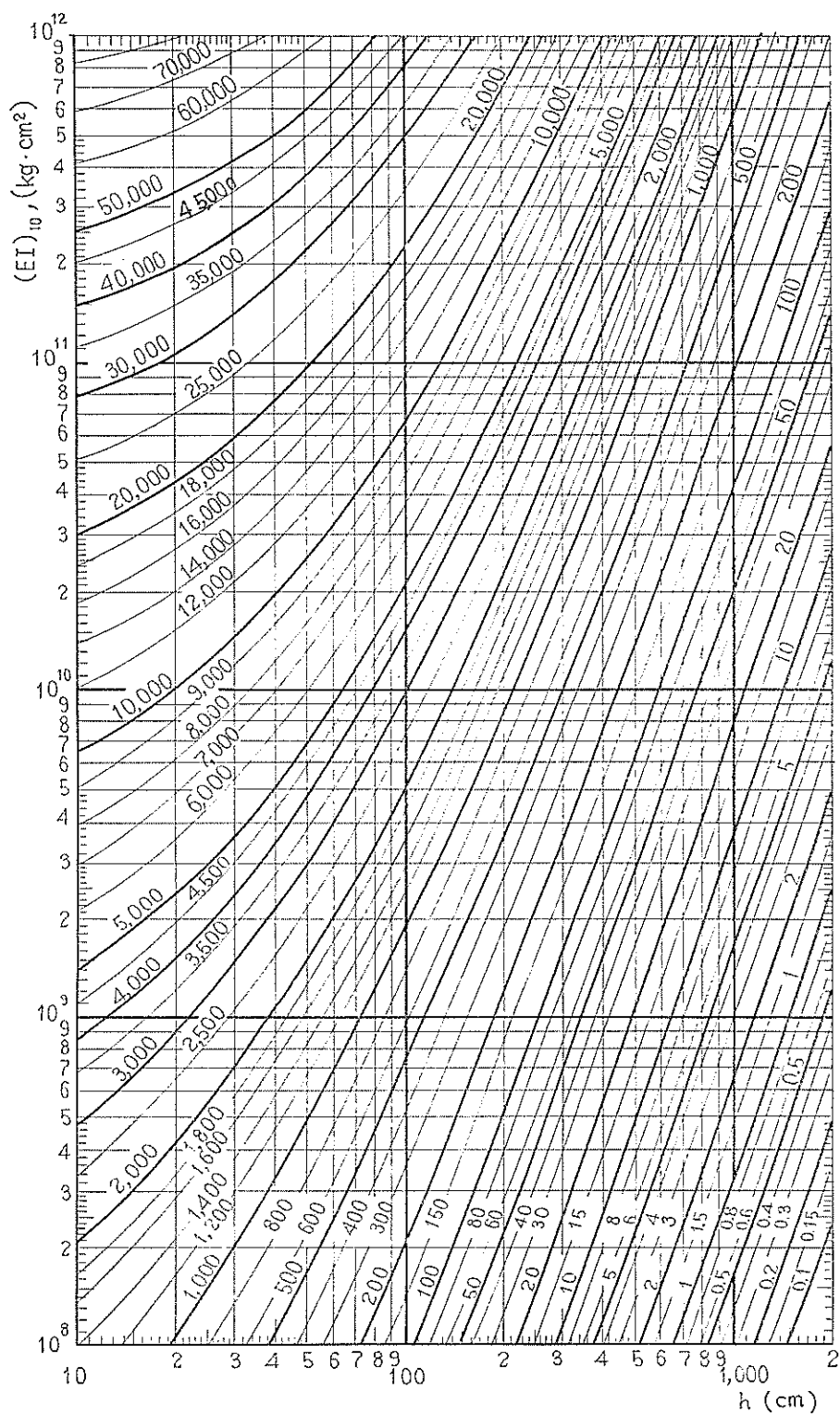


图表—6  $\alpha (\nu_{top}, \text{Free}, k=5)$

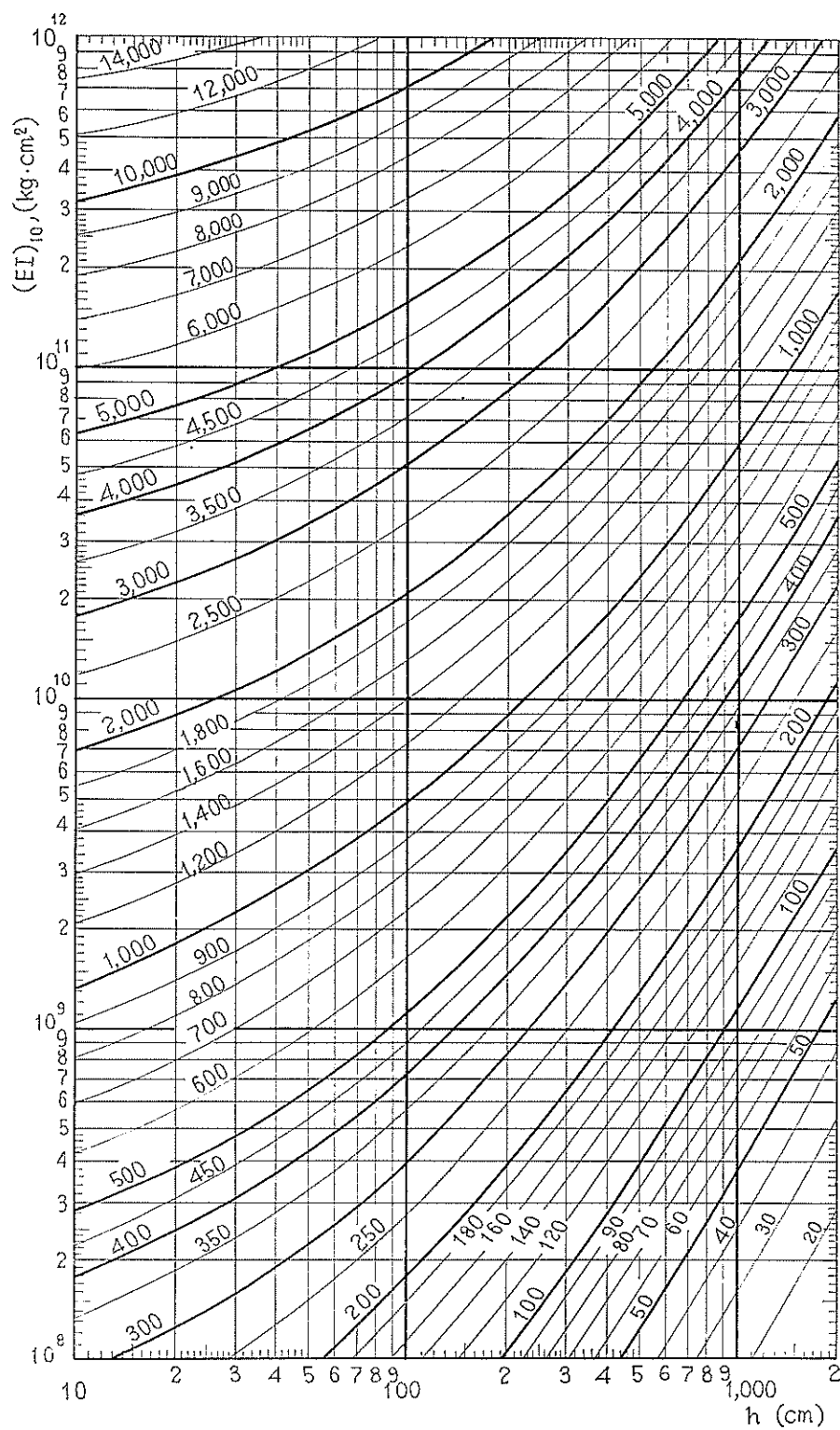


圖表一 7  $\alpha (y_{top}, \text{Free}, k=50)$

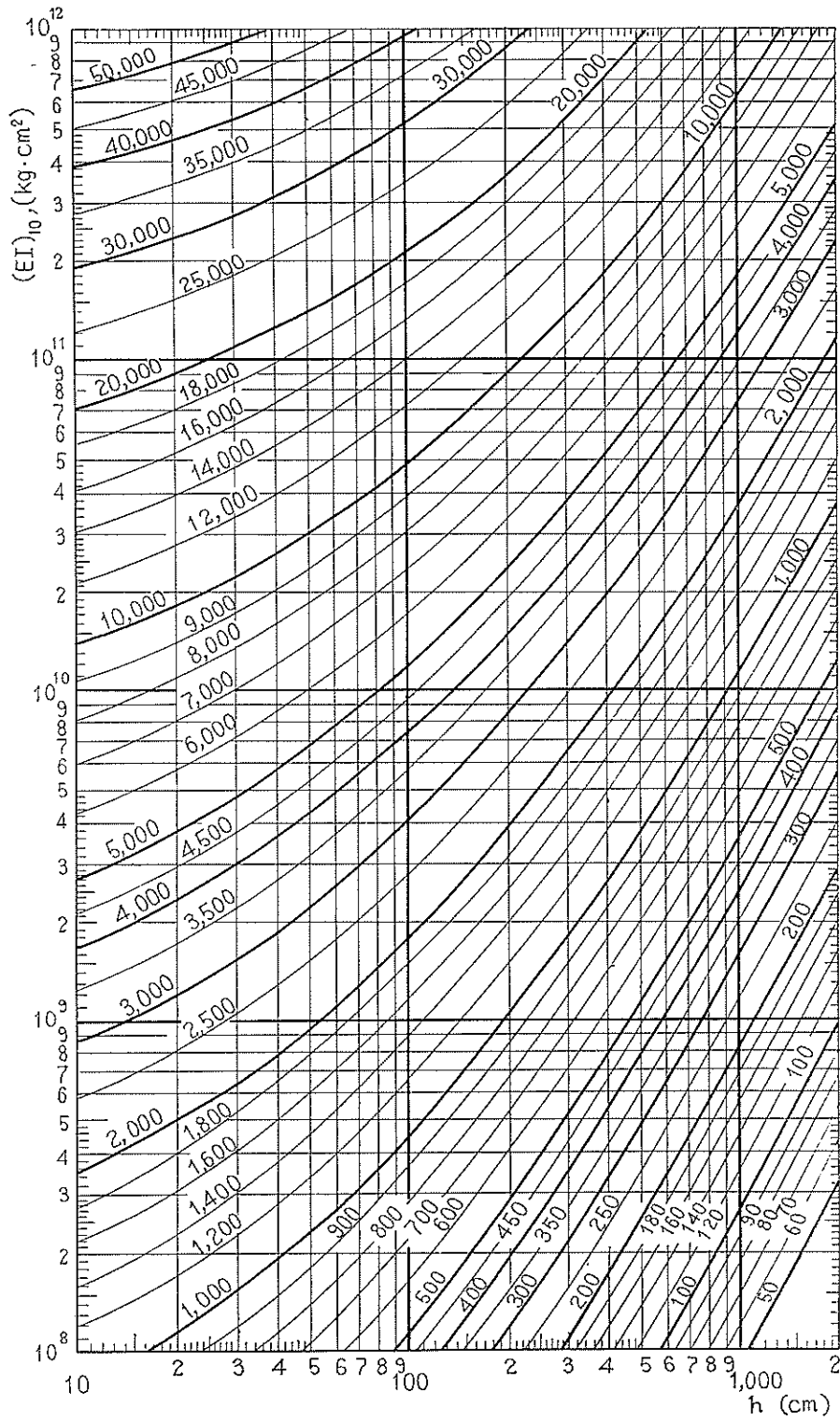




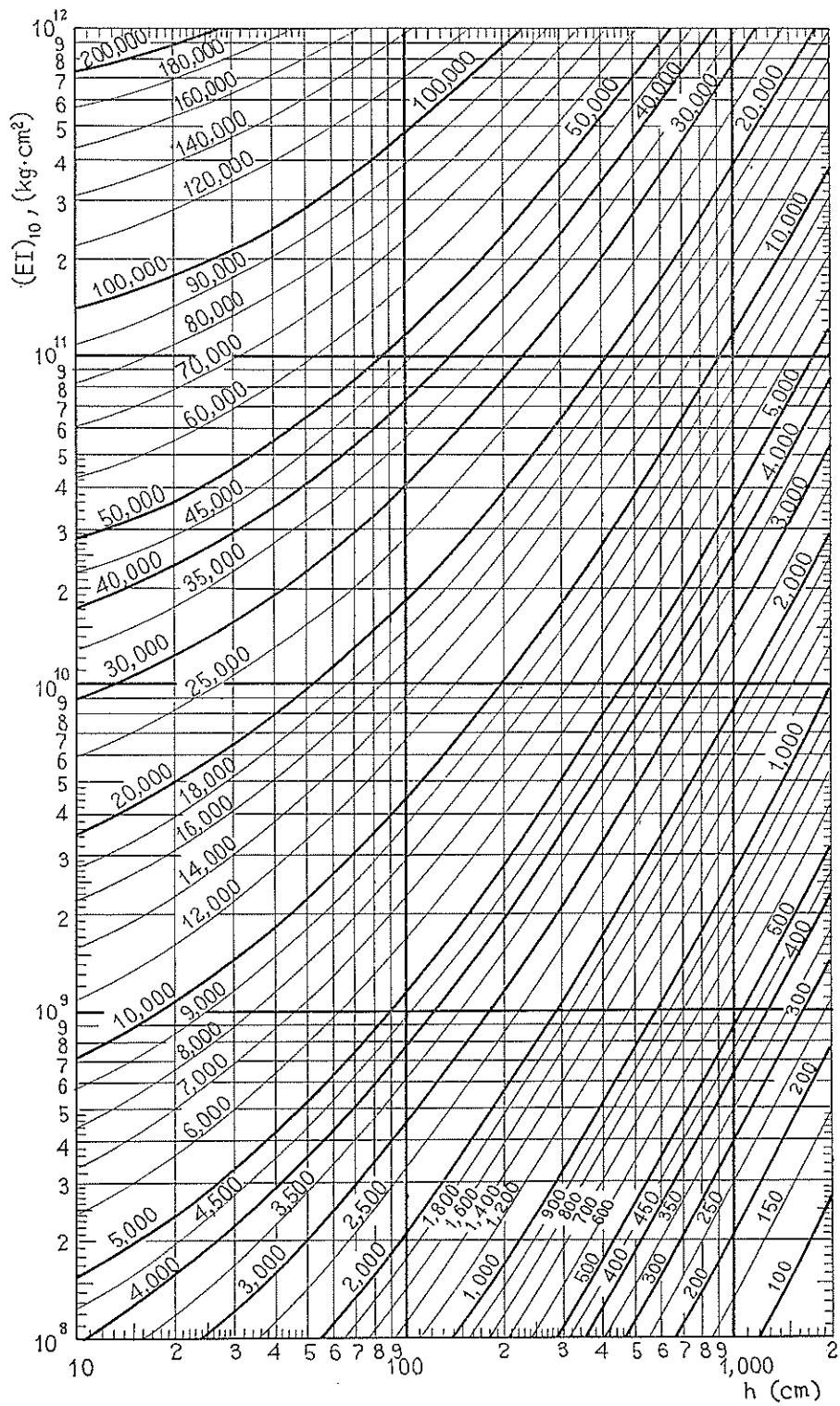
图表—8  $\alpha$  ( $y_{top}$ , Free,  $k=500$ )



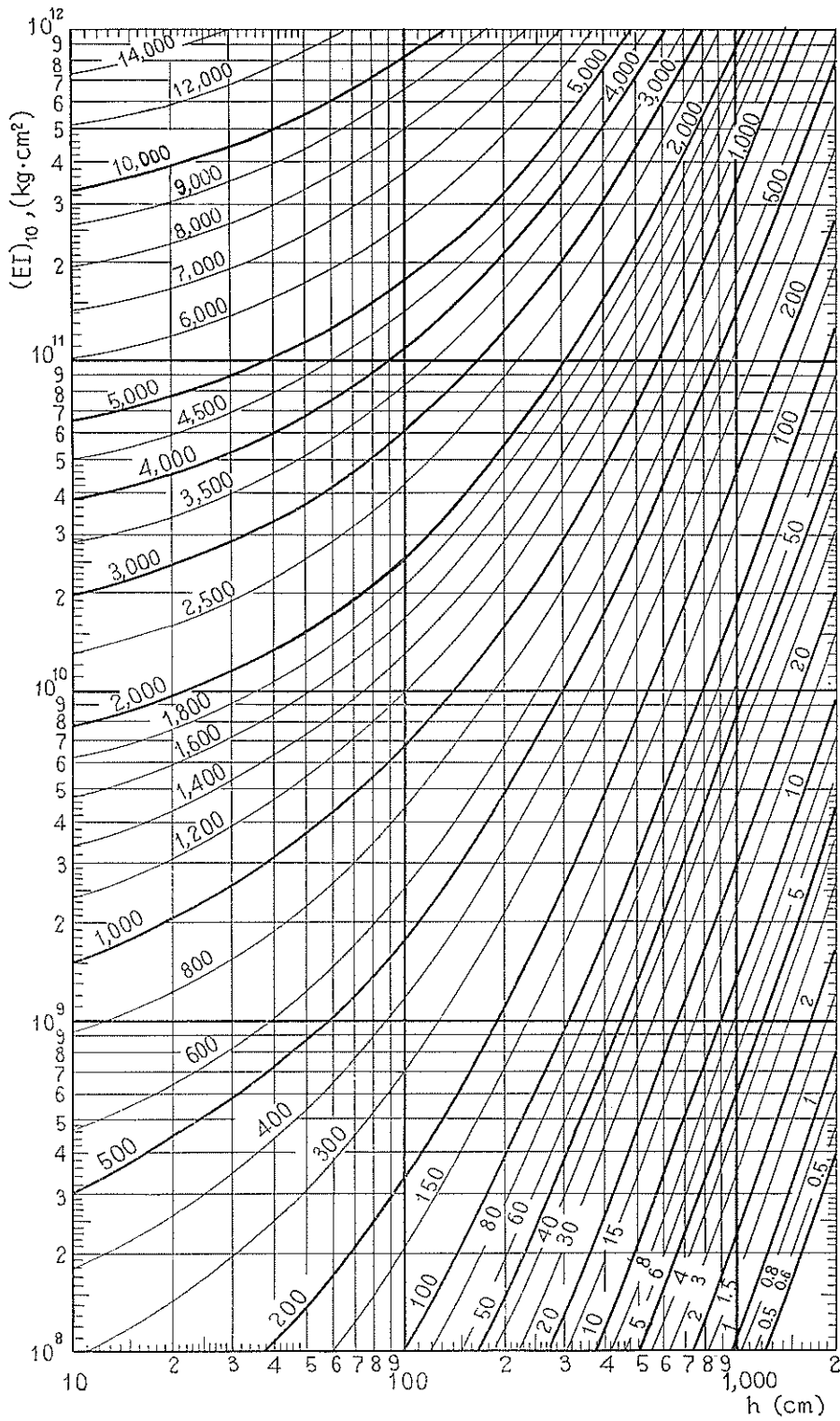
图表-9  $\alpha (y_0, \text{Fix}, k=5)$



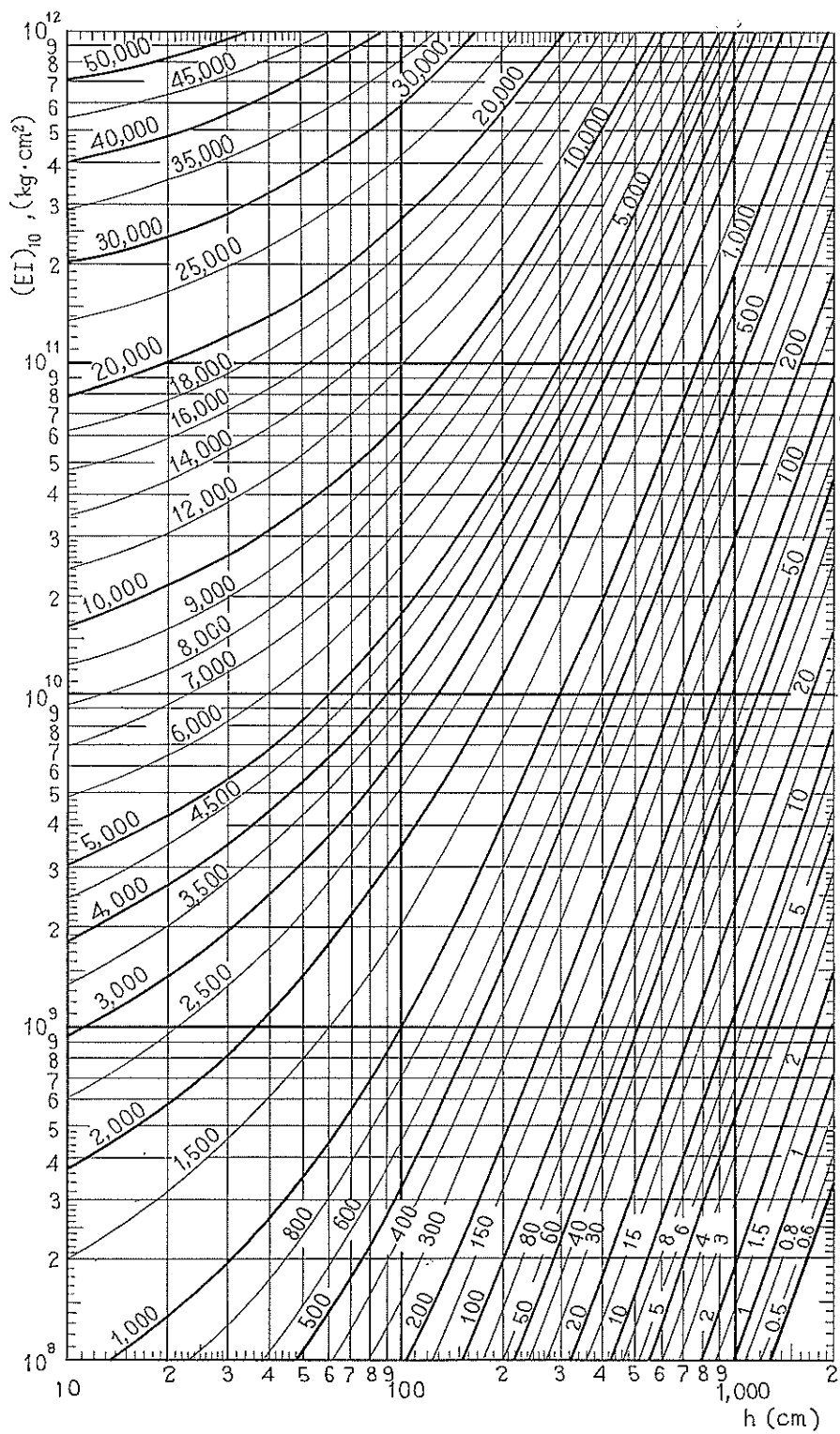
圖表—10  $\alpha (y_0, \text{Fix}, k=50)$



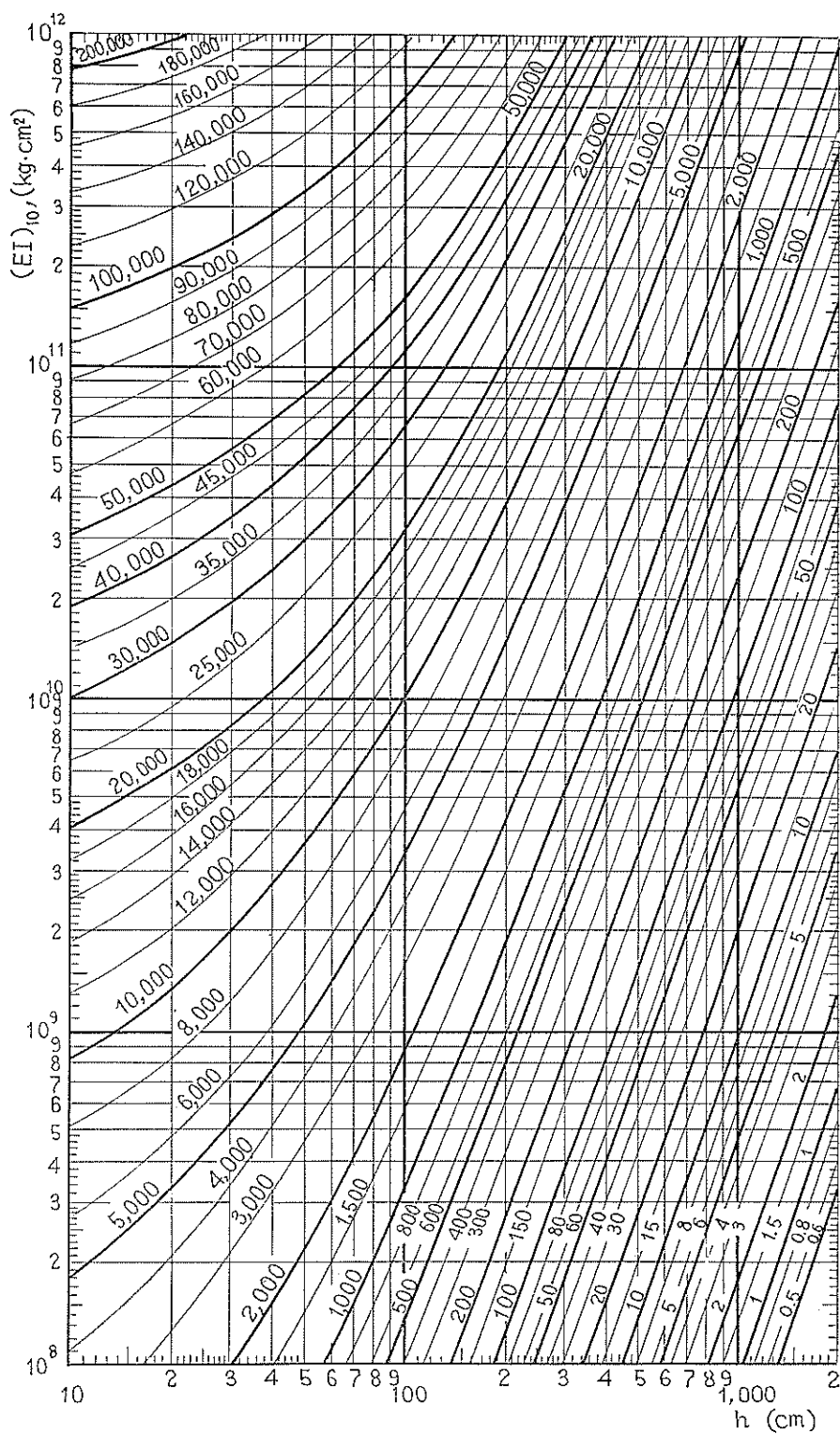
图表—11  $\alpha$  ( $y_0, \text{Fix}, k=500$ )



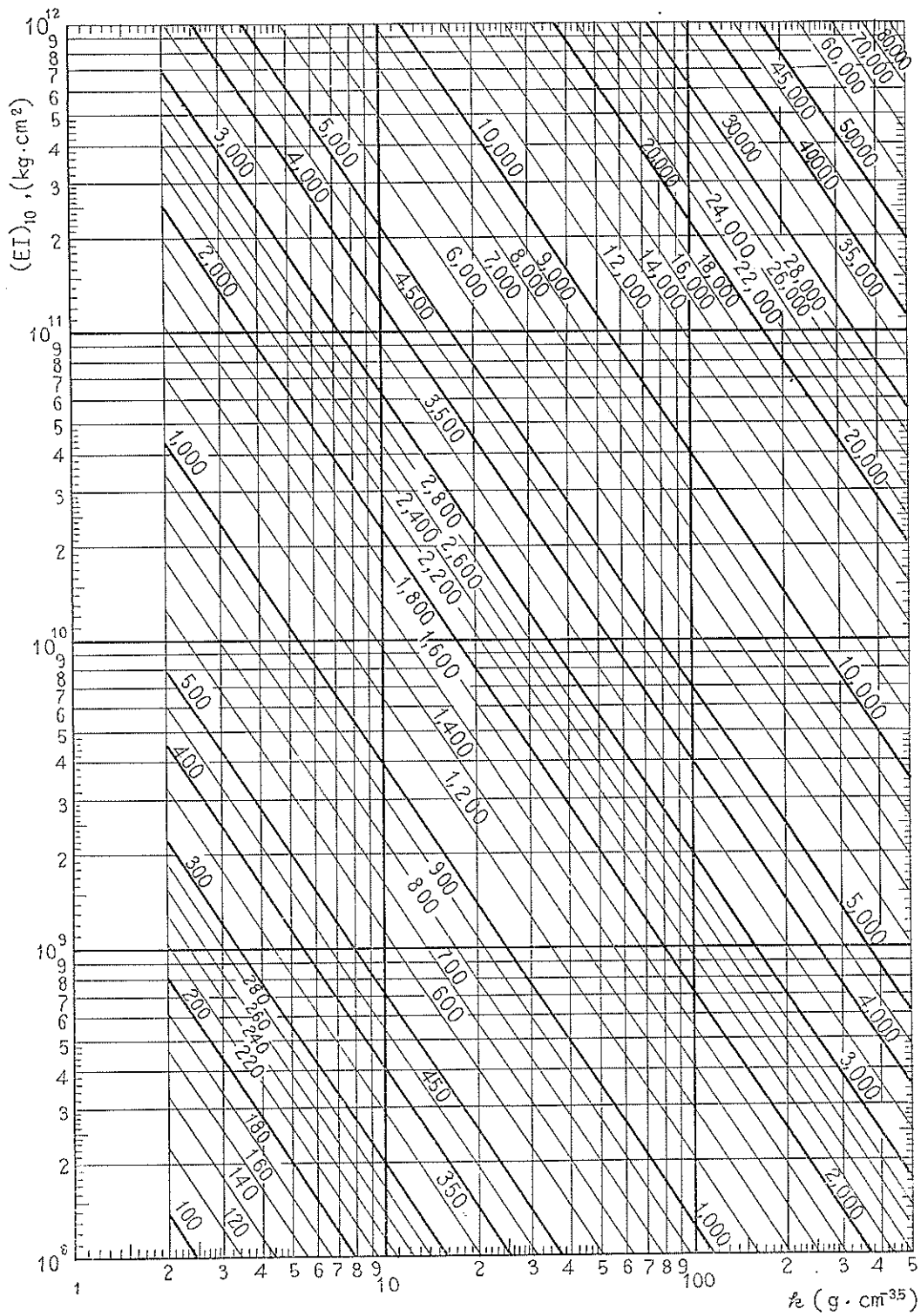
圖表—12  $\alpha (y_{top}, \text{Fix. } k=5)$



图表一十三  $\alpha$  ( $\gamma_{top}$ , Fix,  $k=50$ )



图表-14  $\alpha$  ( $y_{top}$ , Fix,  $k=500$ )



图表—15  $\alpha$  ( $\beta_0$ , Free,  $h=0$ )





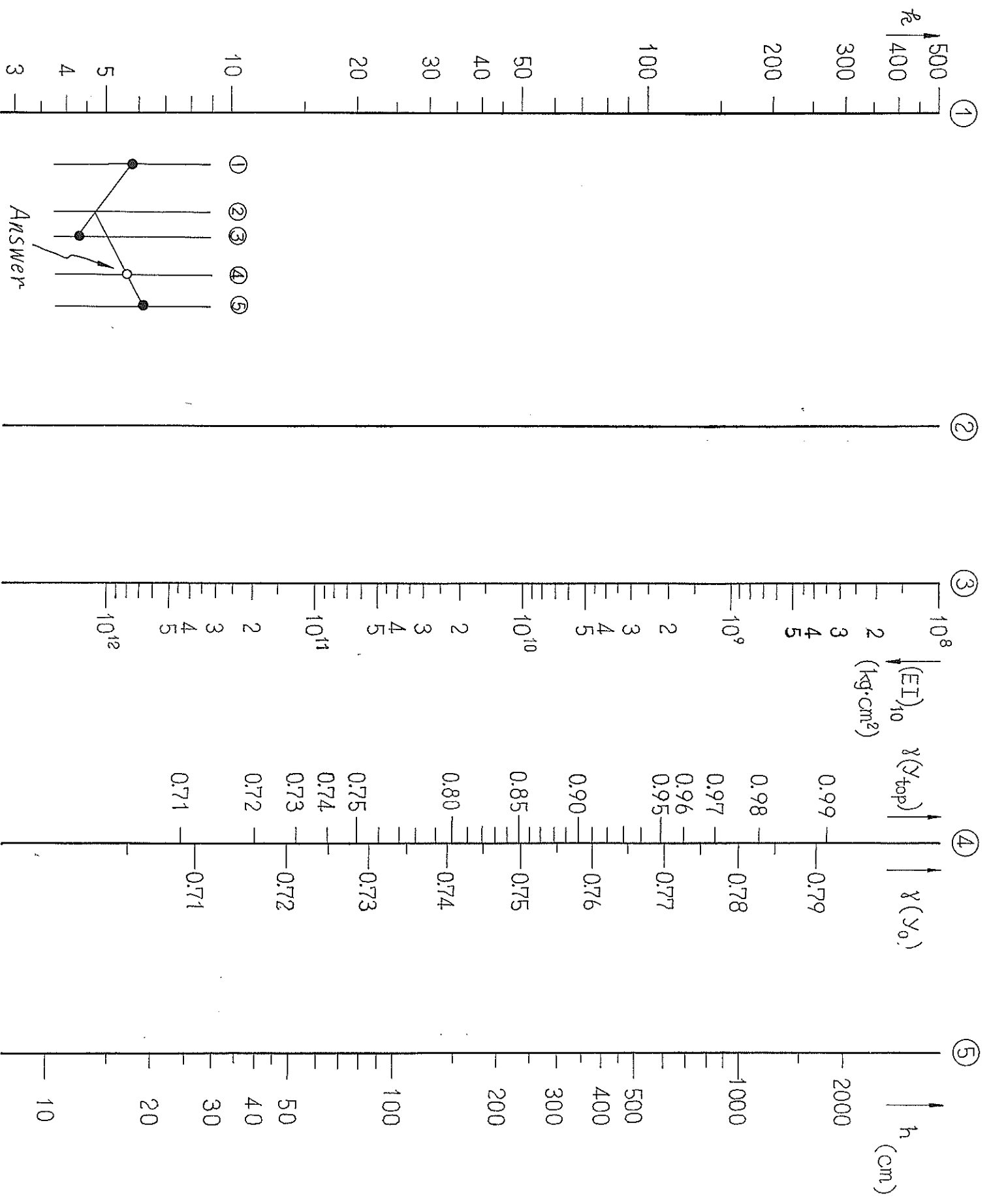
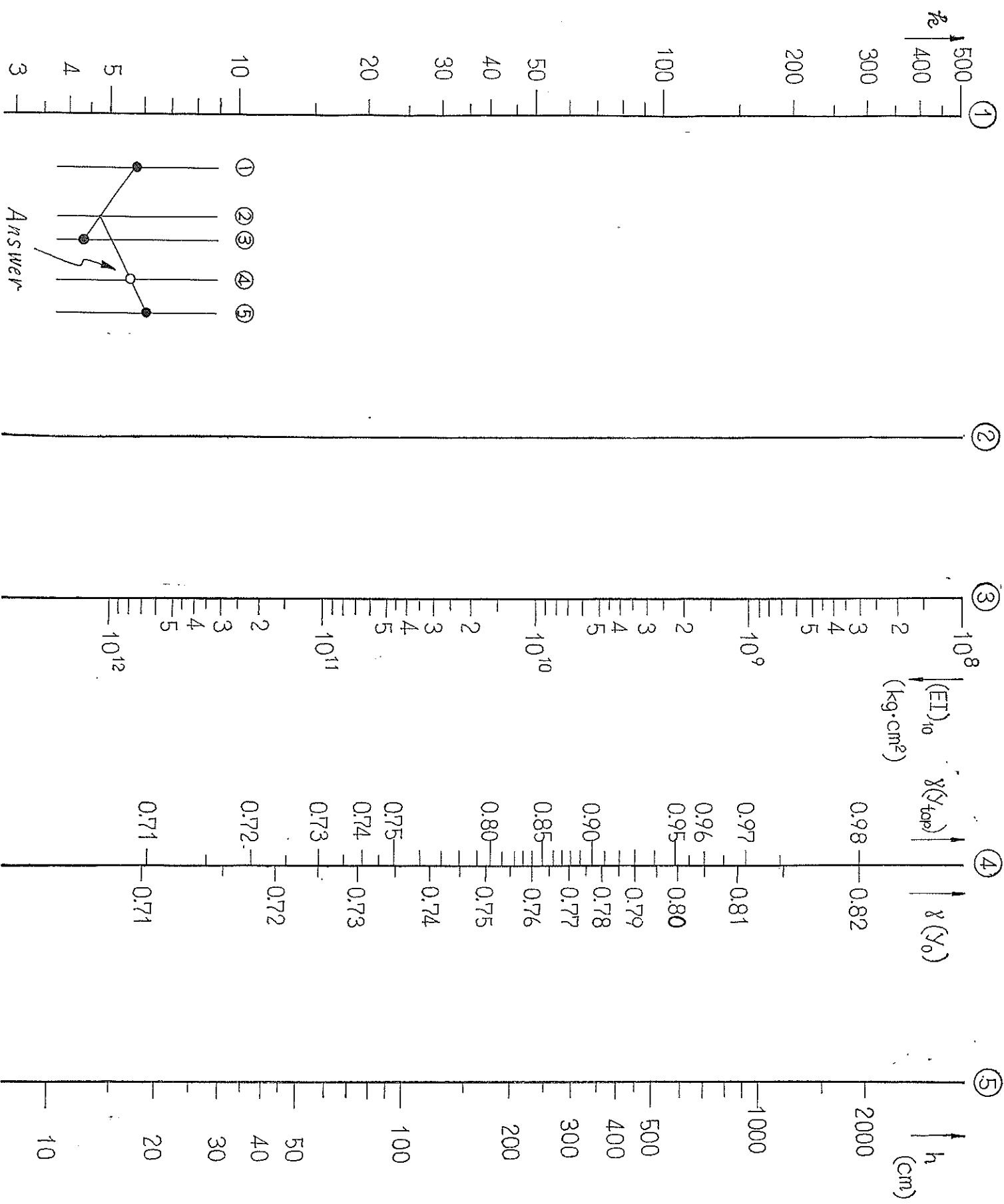
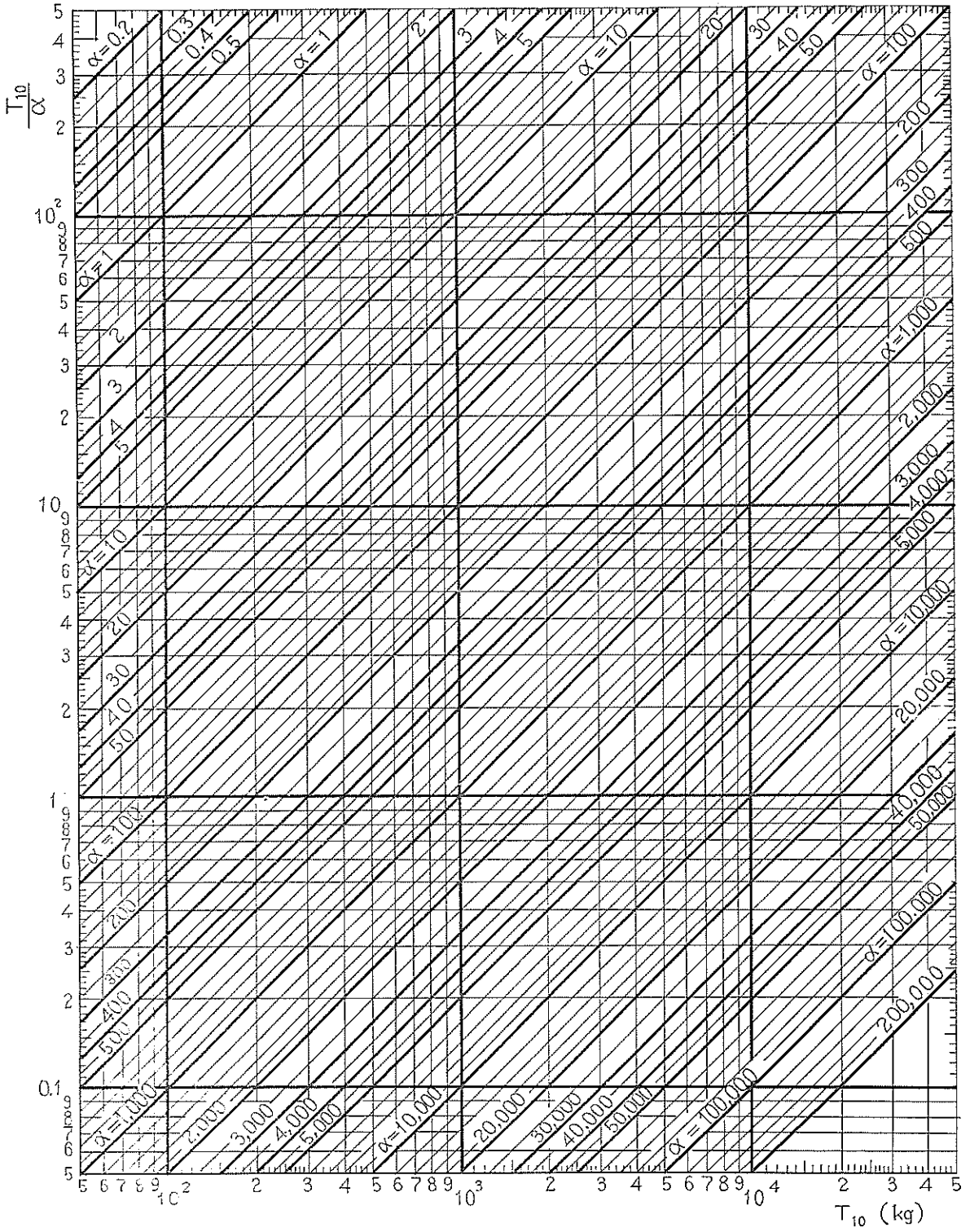


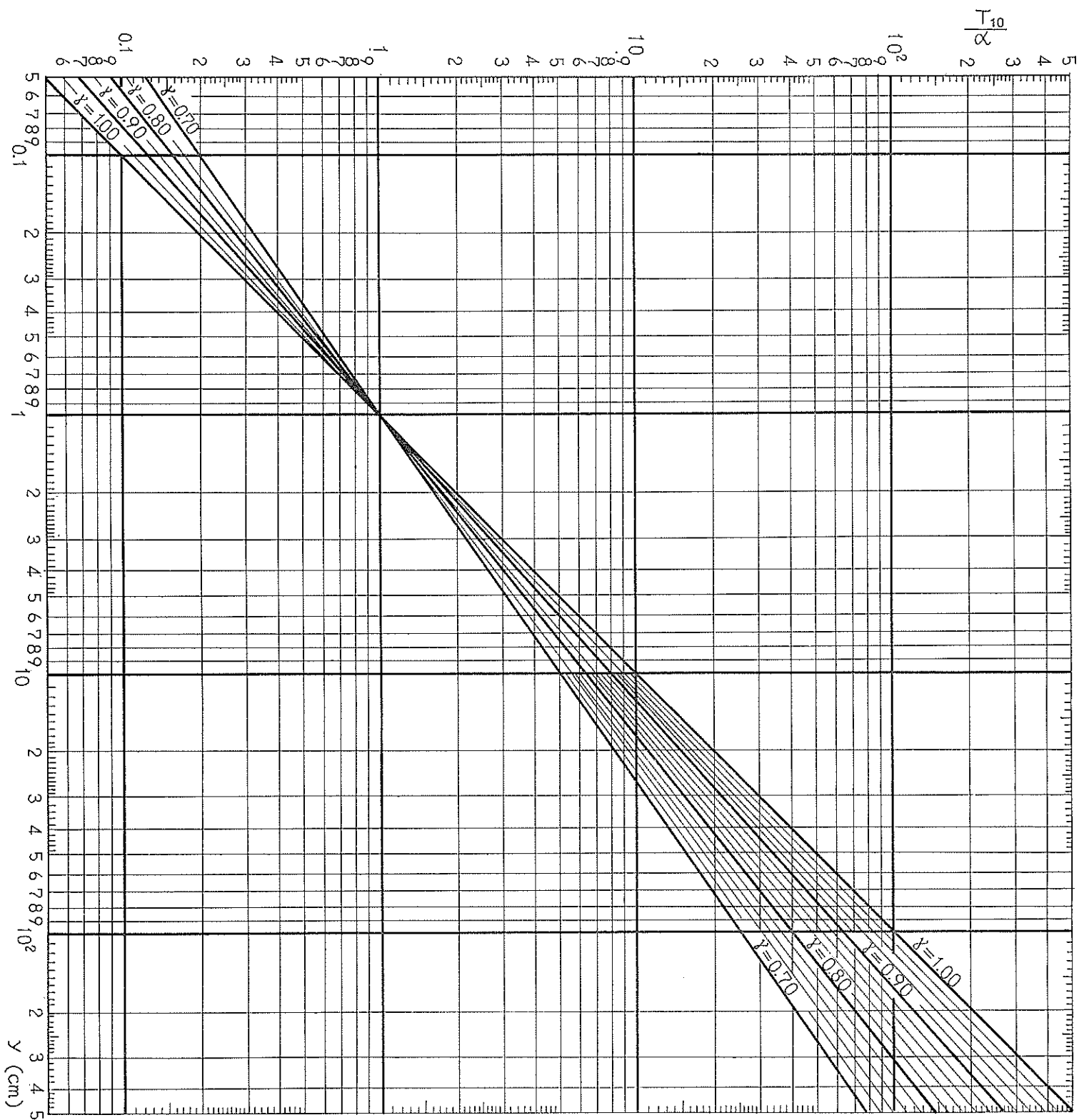
图 表-17  $\gamma$  (Free)



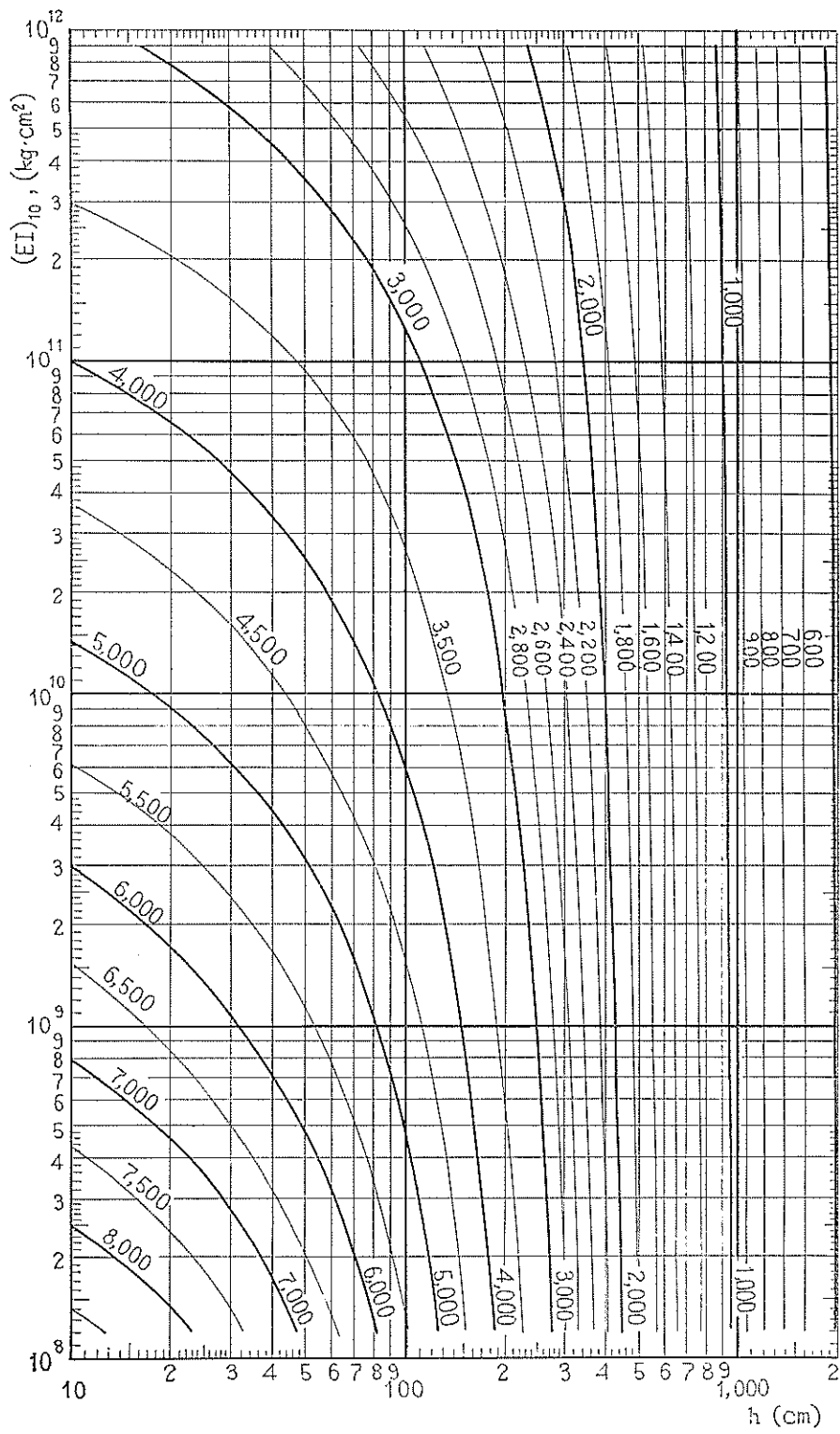
图类—18  $r$  (Fix)



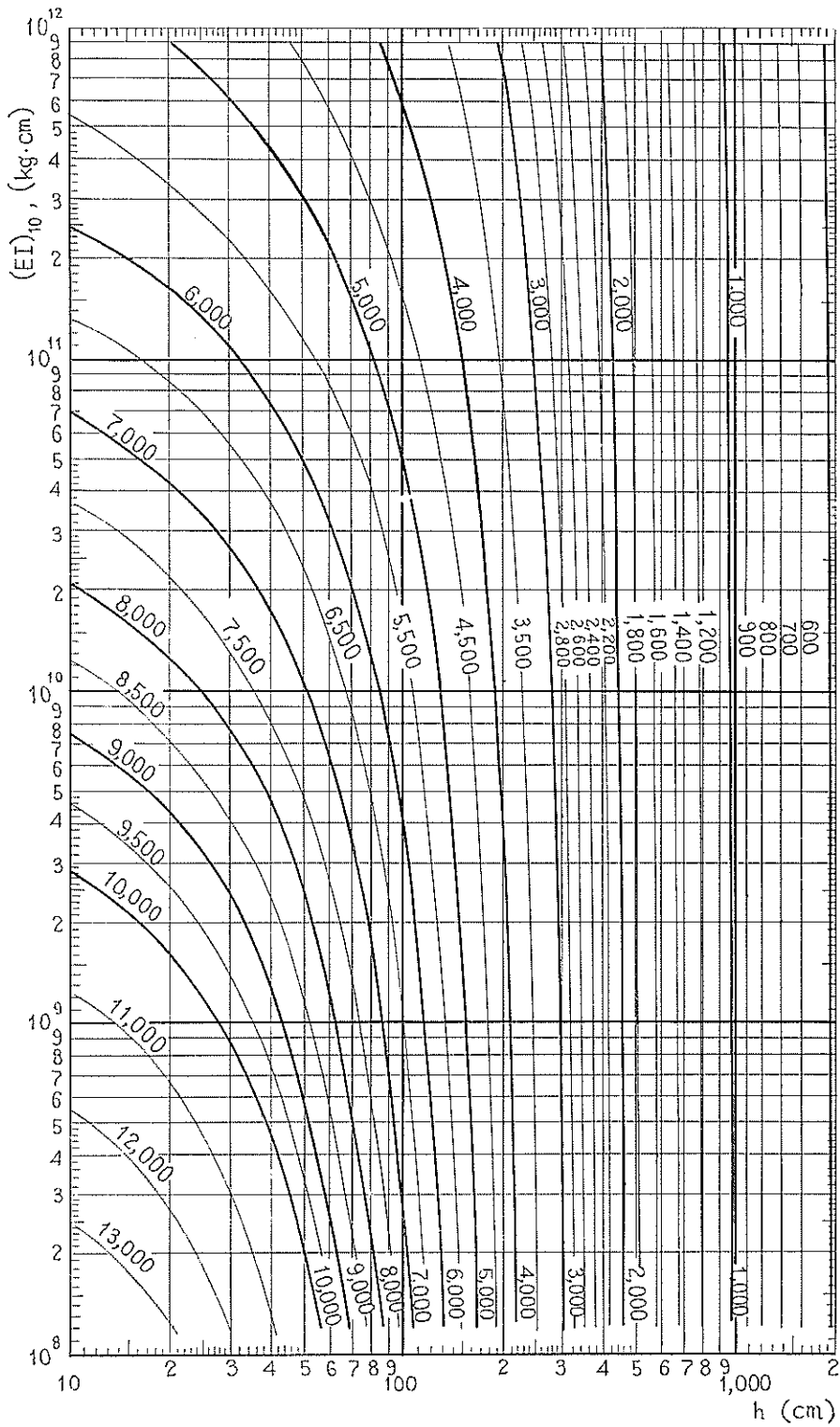
圖表—19  $\frac{T_{10}}{\alpha}$



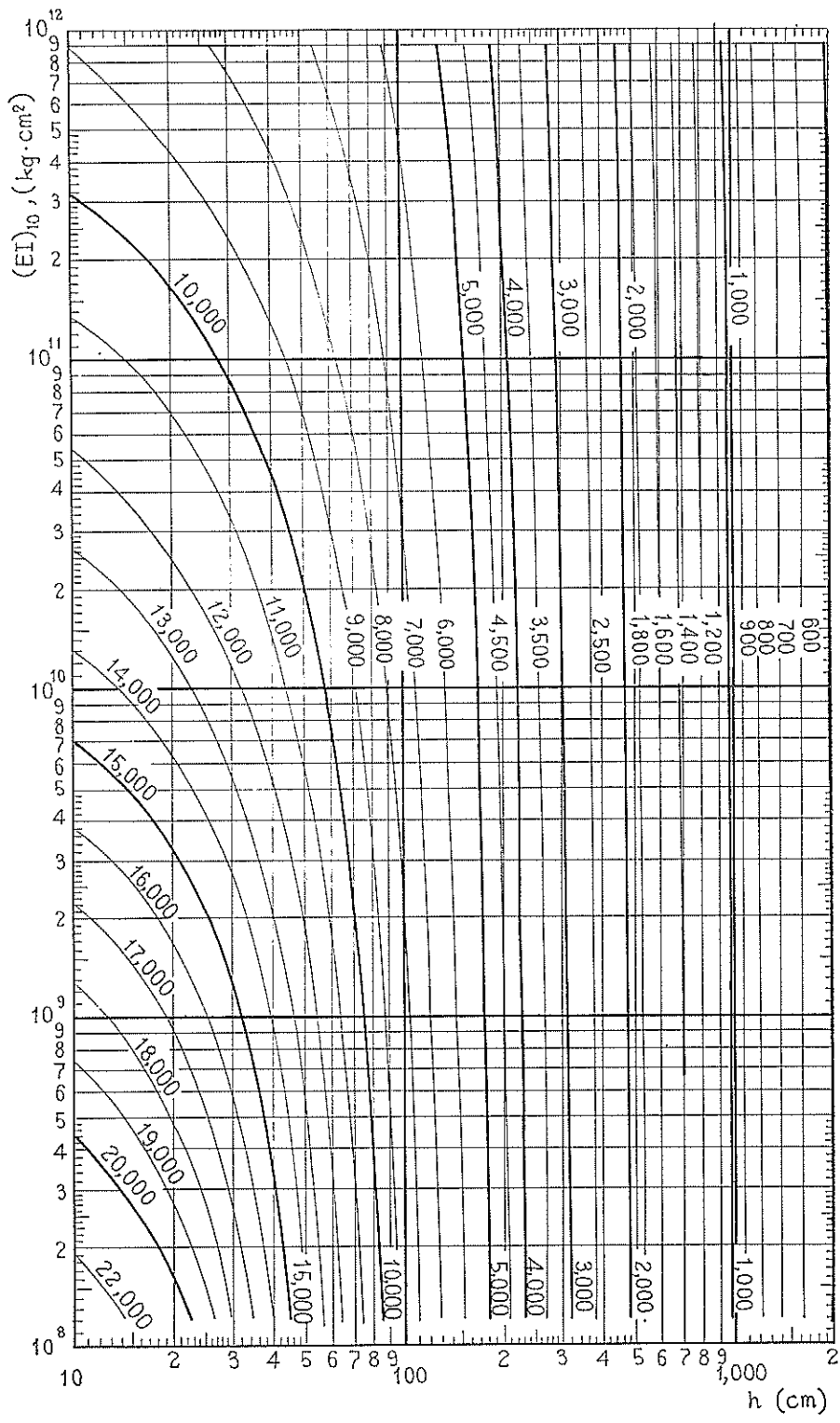
图表—20  $\lambda_0, \lambda_{100}$



图表-21  $\beta$  ( $M_{max}$ , Free,  $k=5$ )

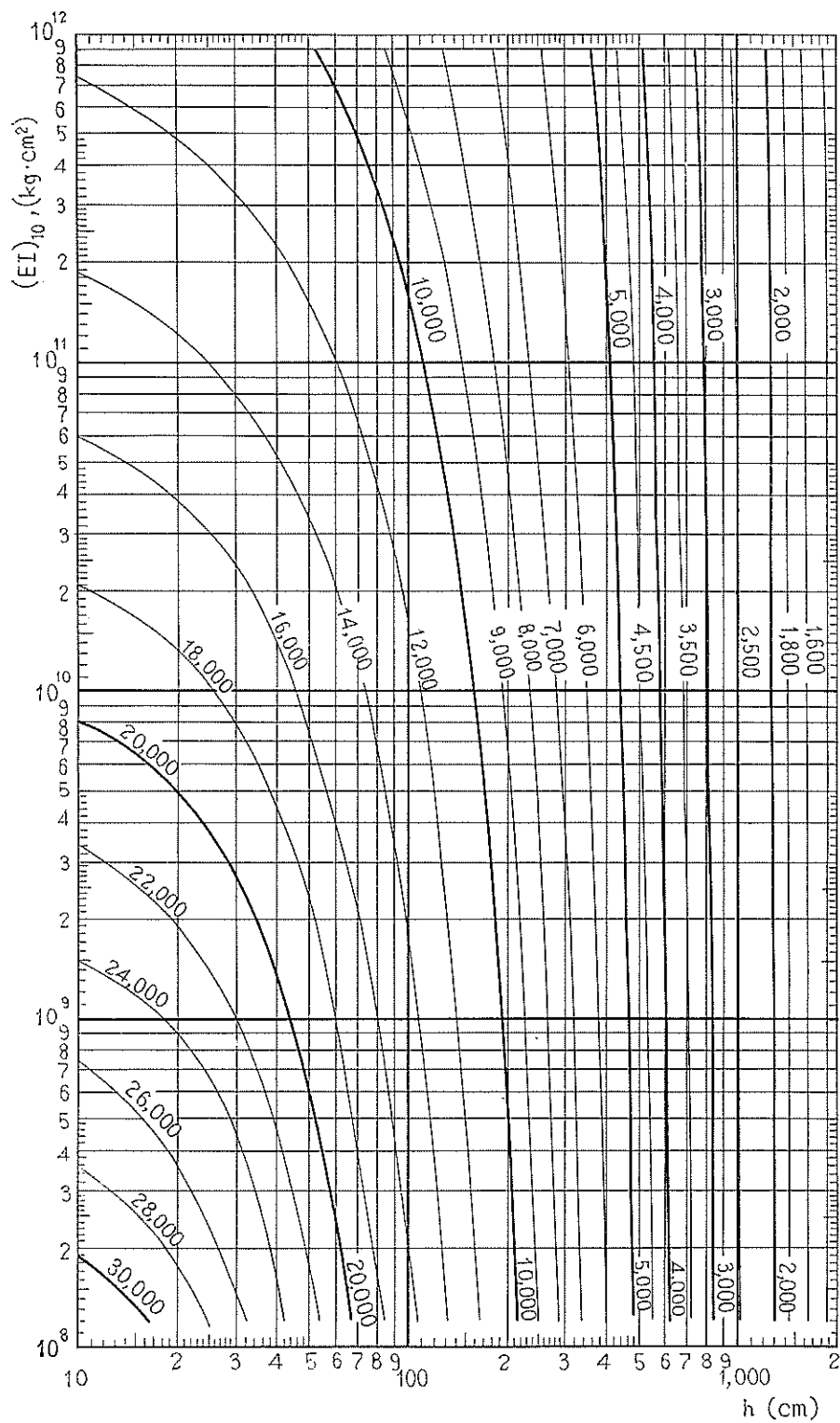


图表-22  $\beta (M_{max. Free, k=50})$

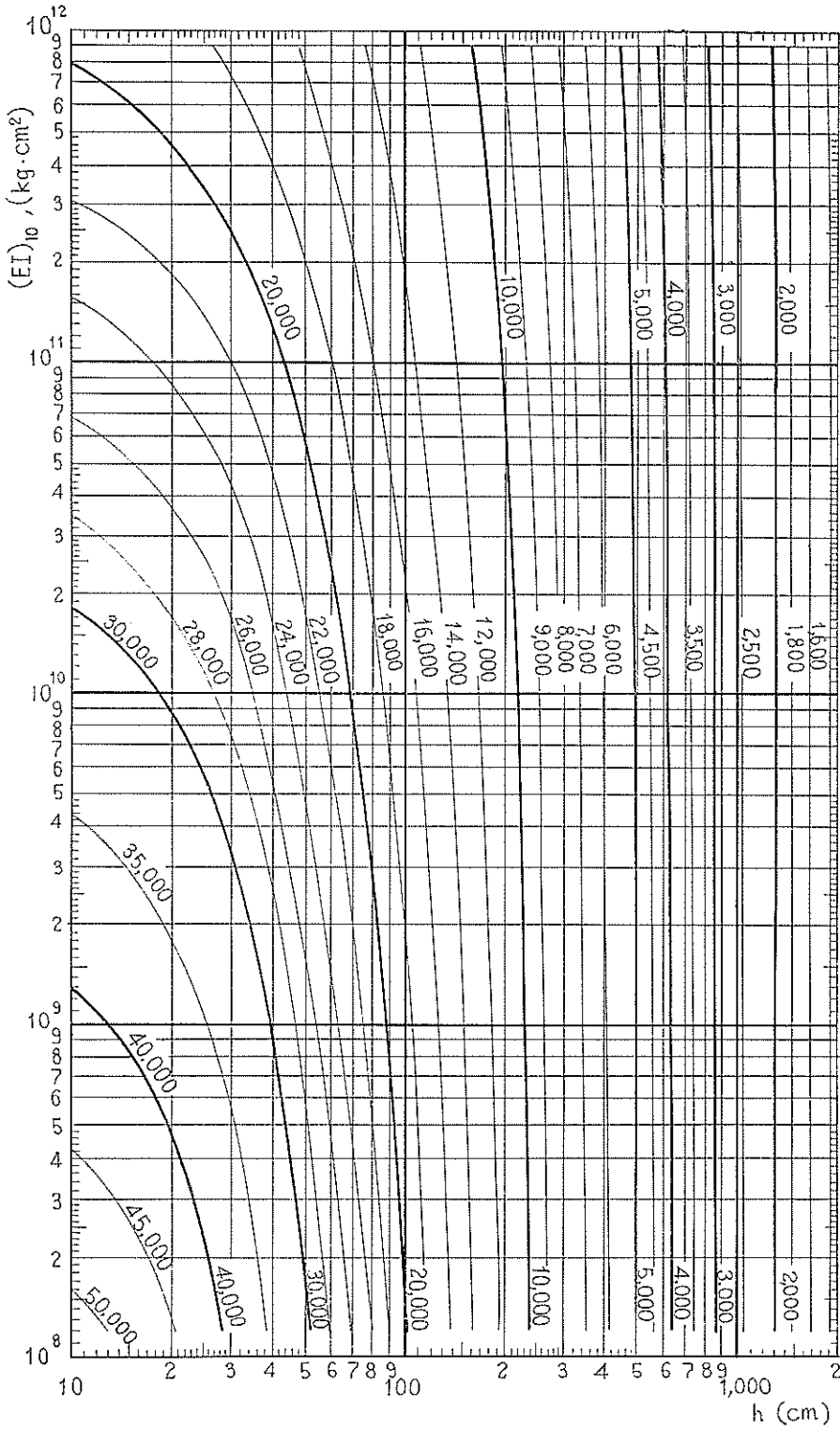


图表—23  $\beta (M_{max}, \text{Free}, k=500)$

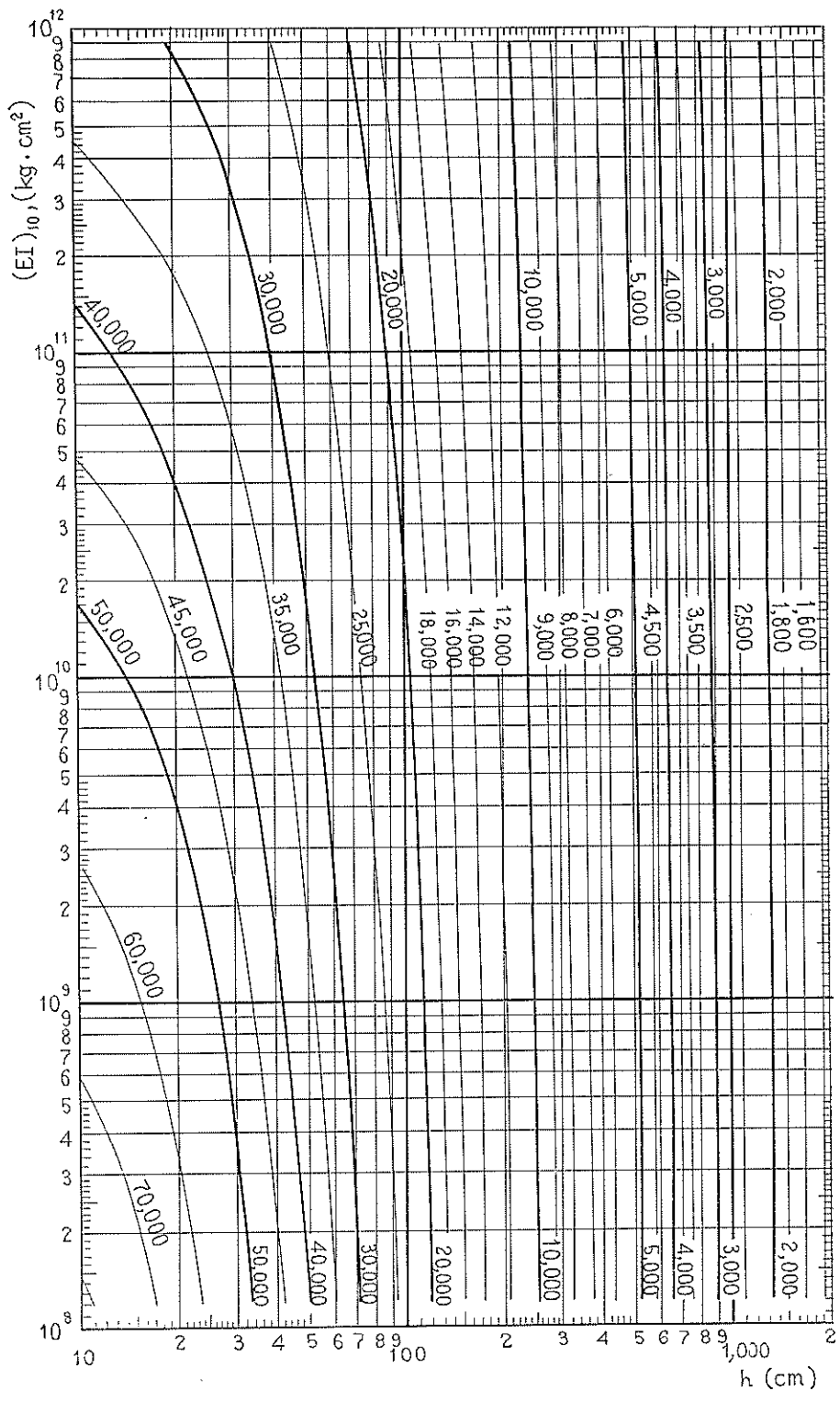




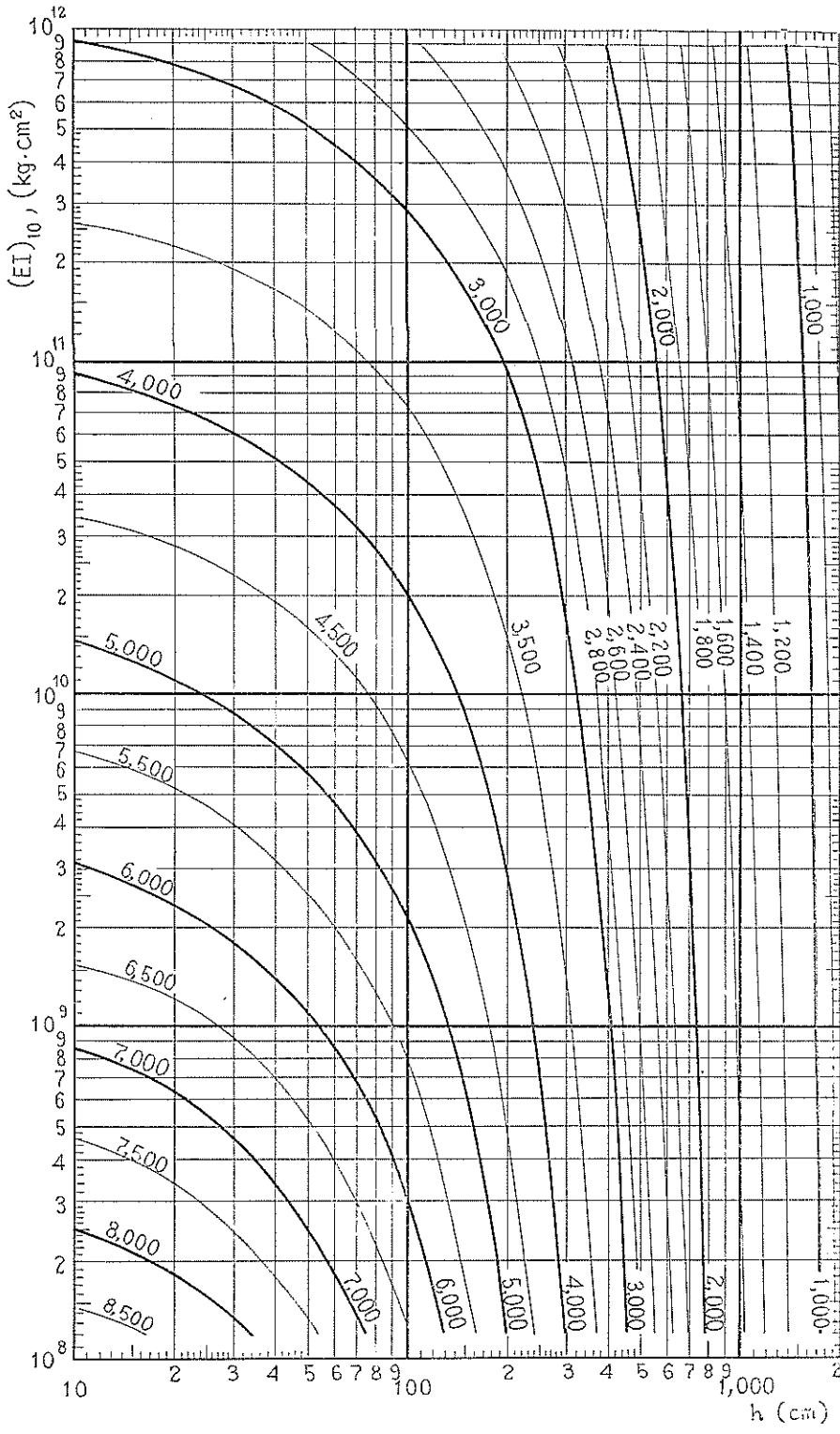
图表—24  $\beta (M_{max-1}, \text{Fix}, k=5)$



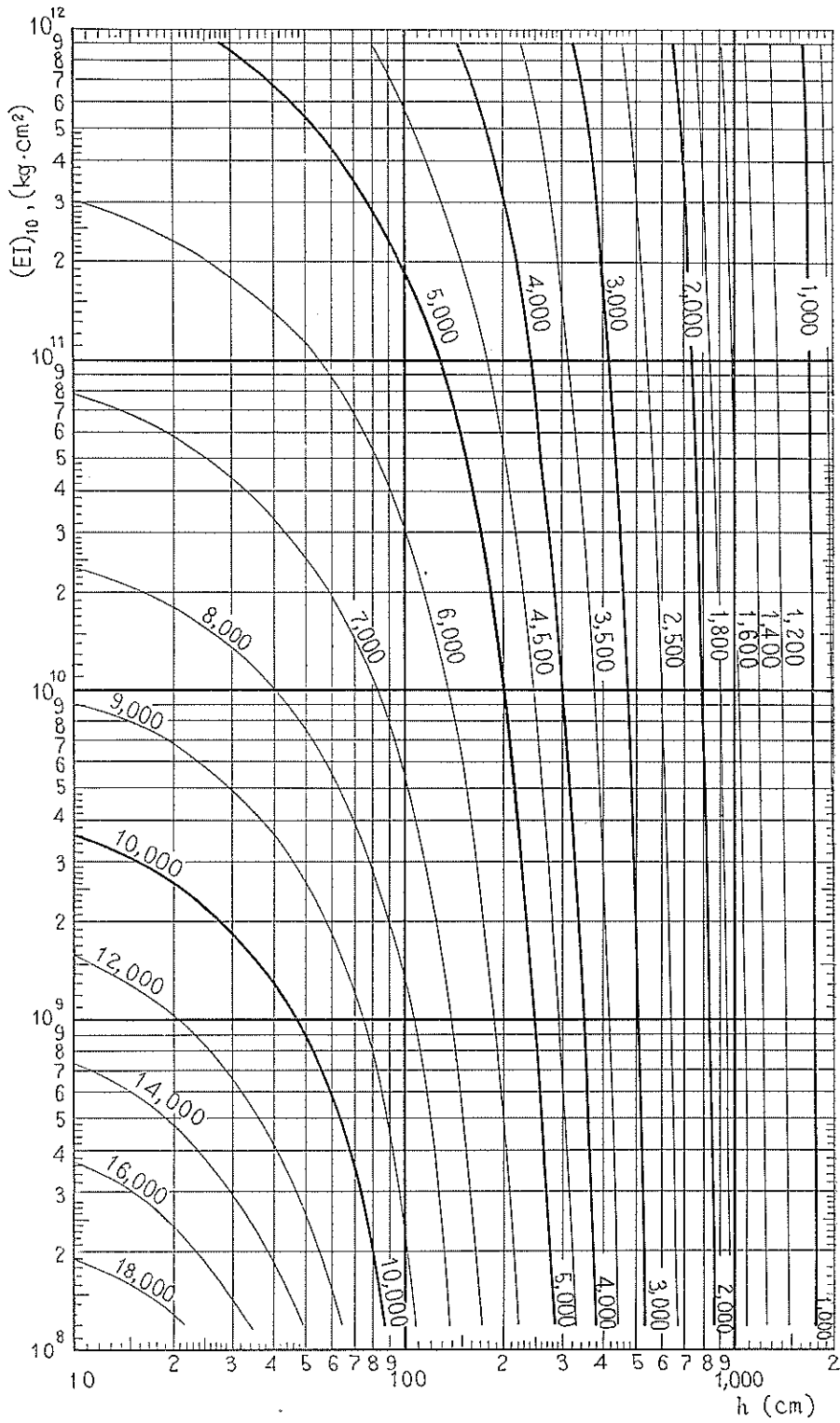
图表—25  $\beta$  ( $M_{max-1}$ , Fix,  $k=50$ )



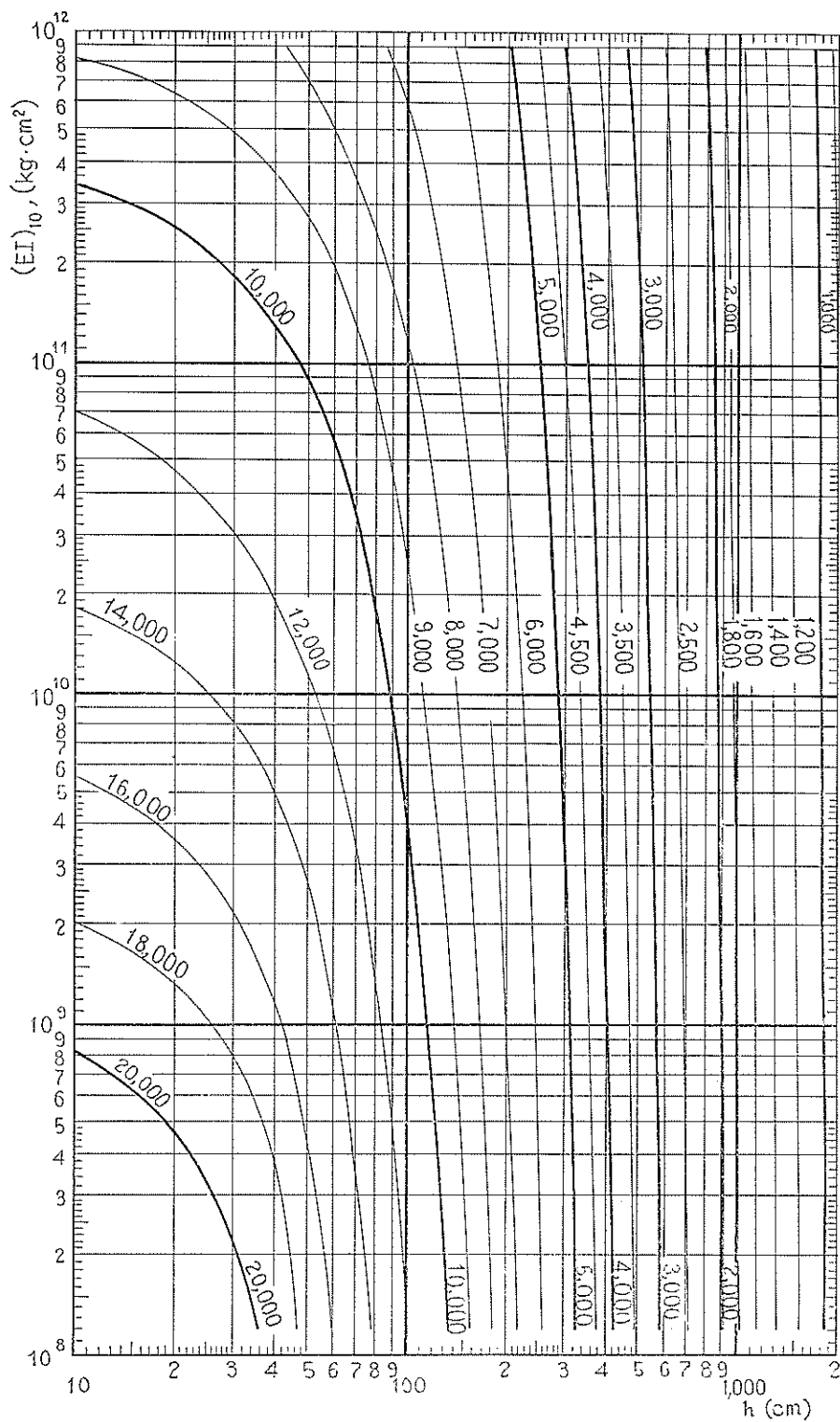
图表—26  $\beta$  ( $M_{max-1}$ , Fix,  $k=500$ )



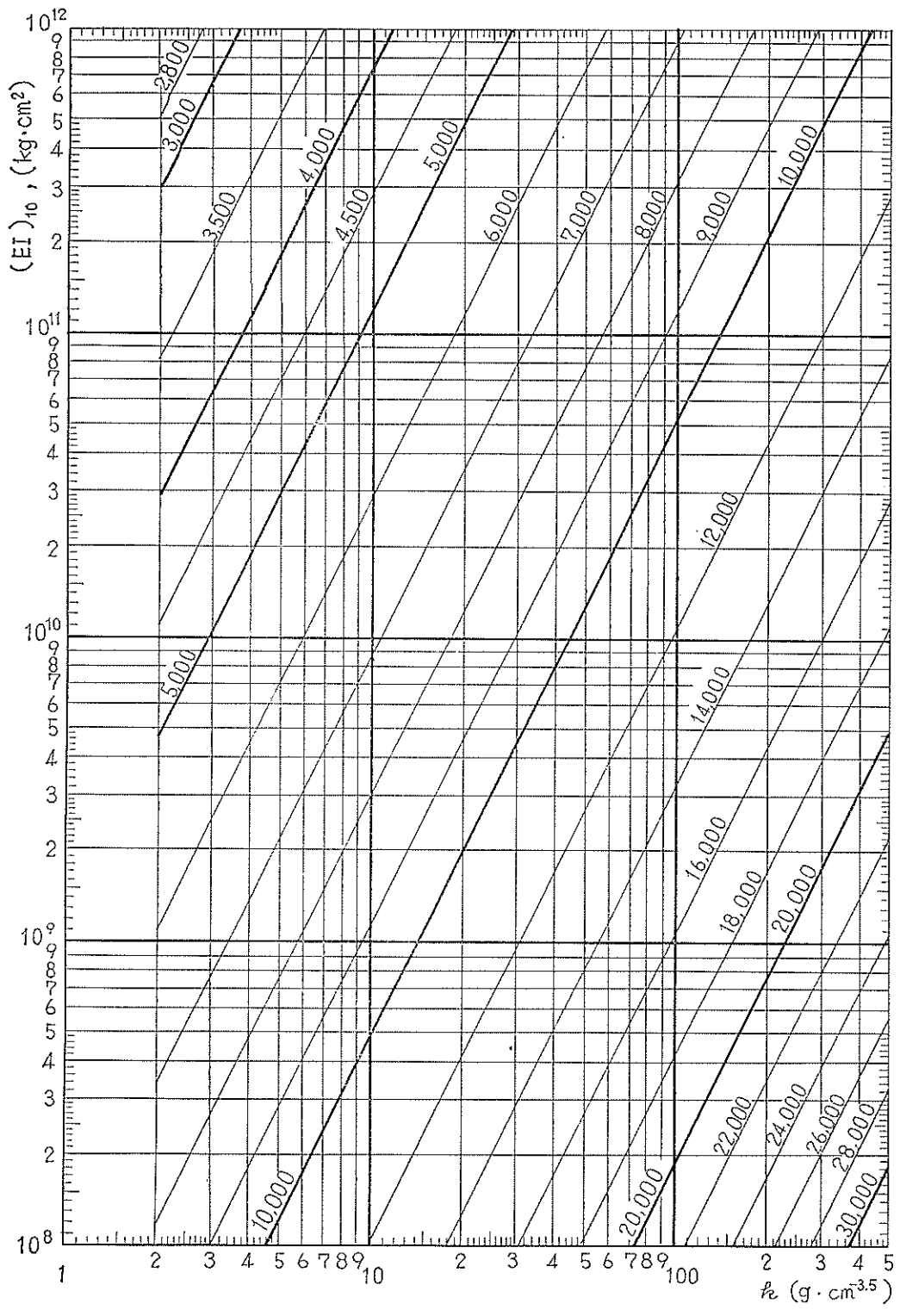
图表-27  $\beta (M_{max-t}, \text{Fix}, k=5)$



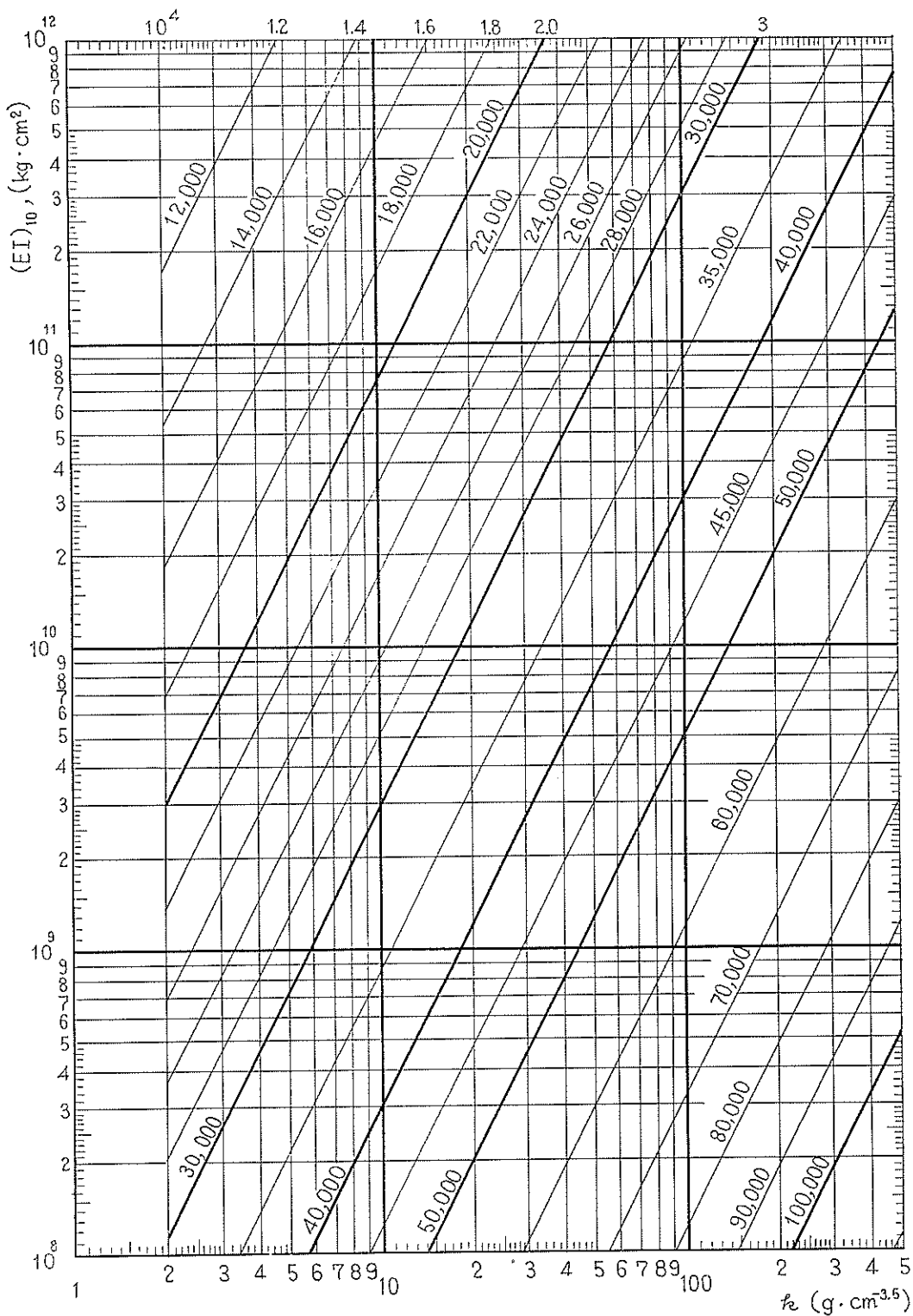
圖表-28  $\beta$  ( $M_{max-l}$ , Fix,  $k=50$ )



图表-29  $\beta$  ( $M_{max-t}$ , Fix,  $k=500$ )

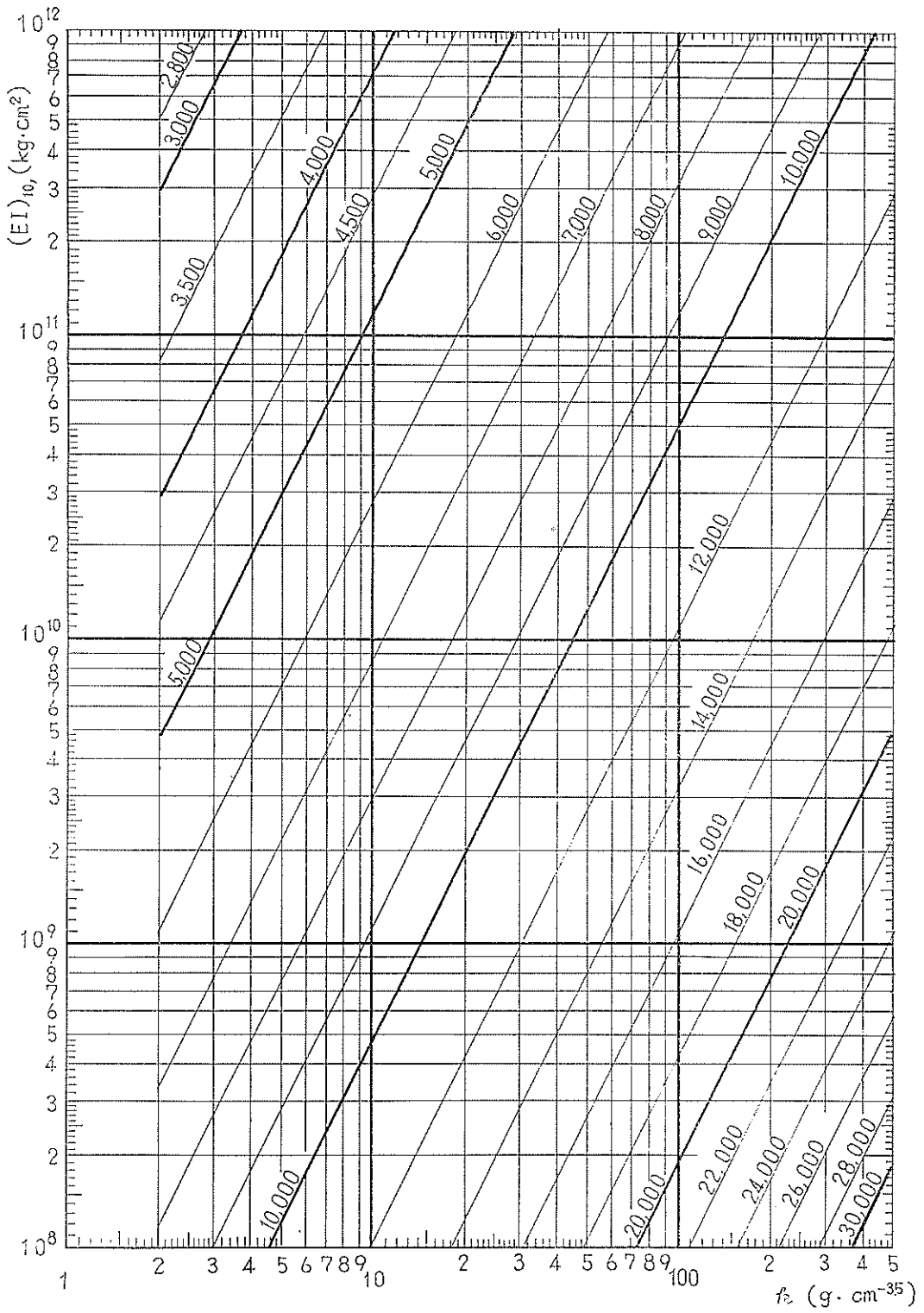


图表—30  $\beta (M_{max}, \text{Free}, h=0)$



图表—31  $\beta (M_{max-1}, \text{Fix}, h=0)$





图表—32  $\beta$  ( $M_{max-t}$ , Fix,  $h=0$ )

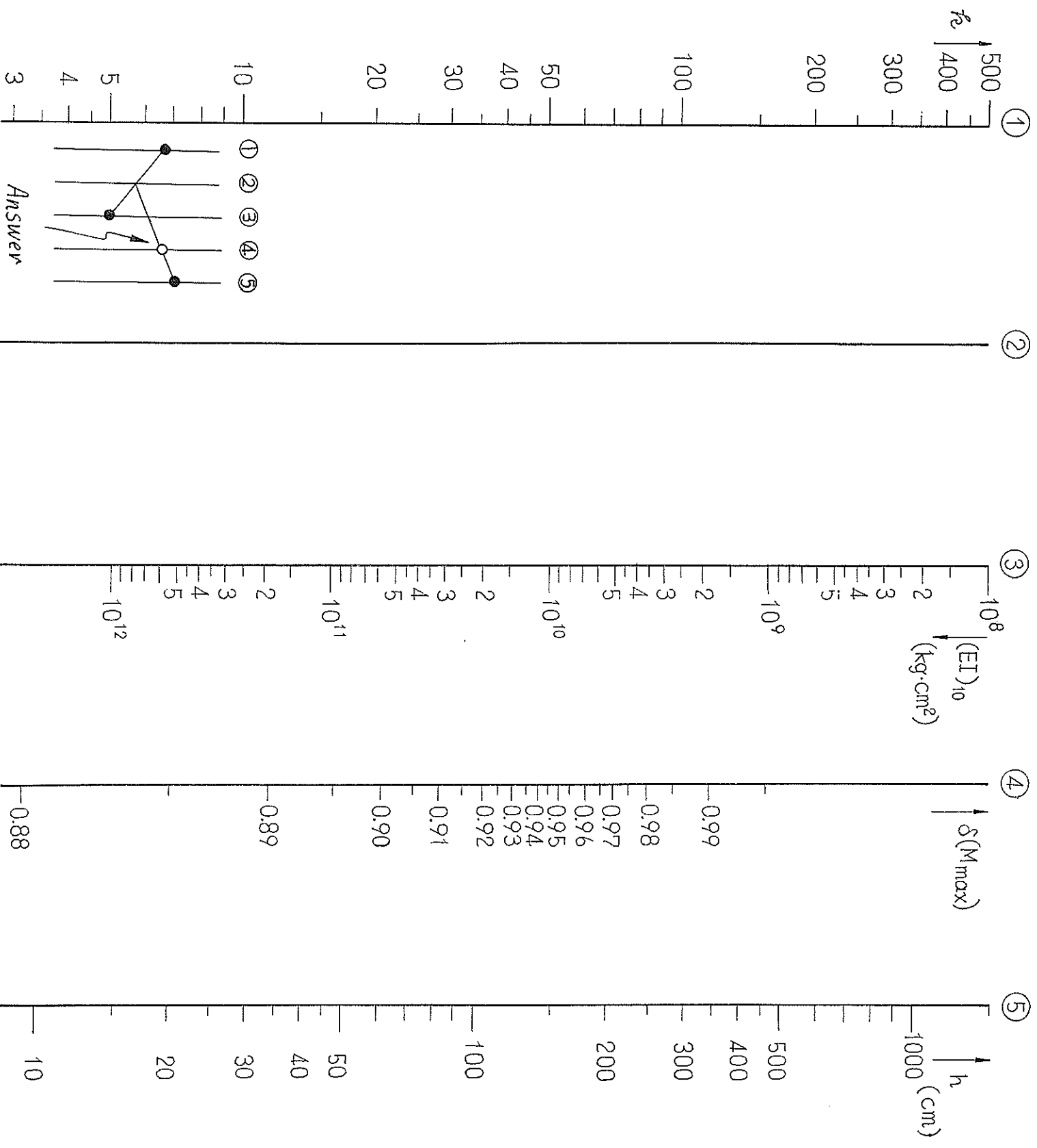
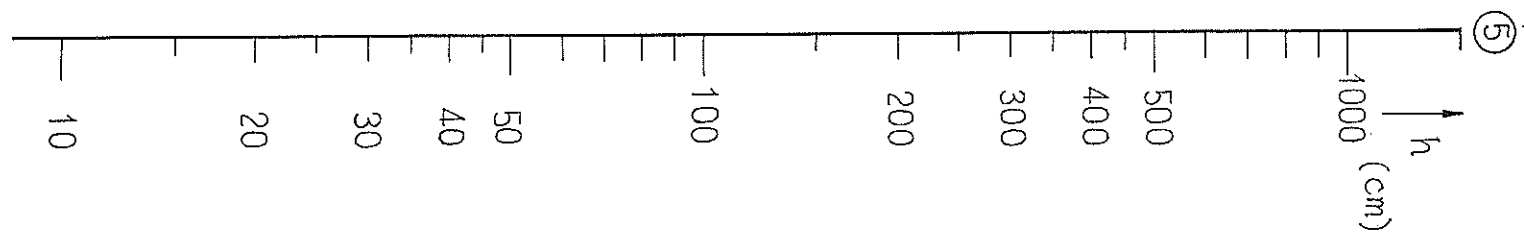
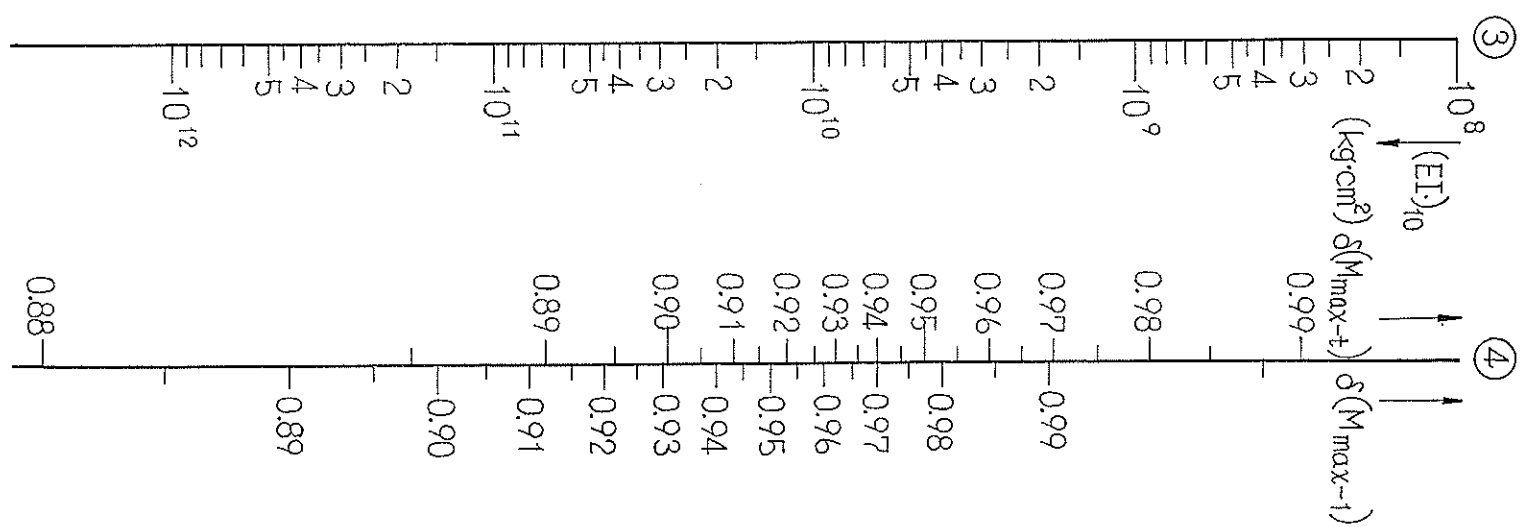
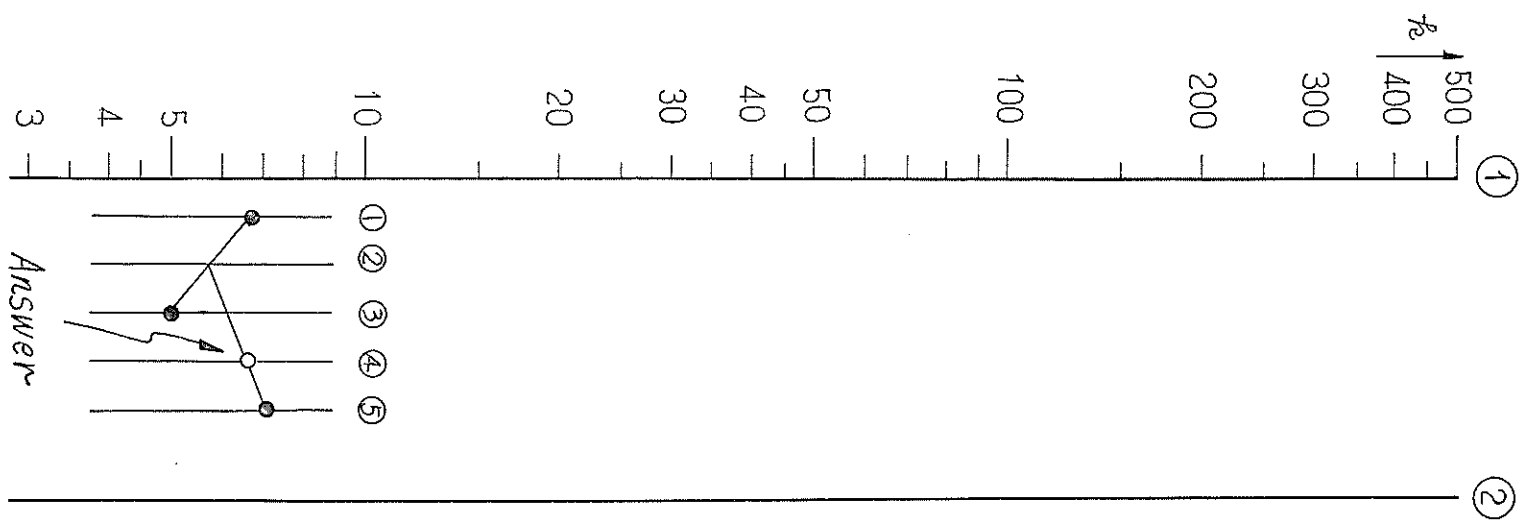
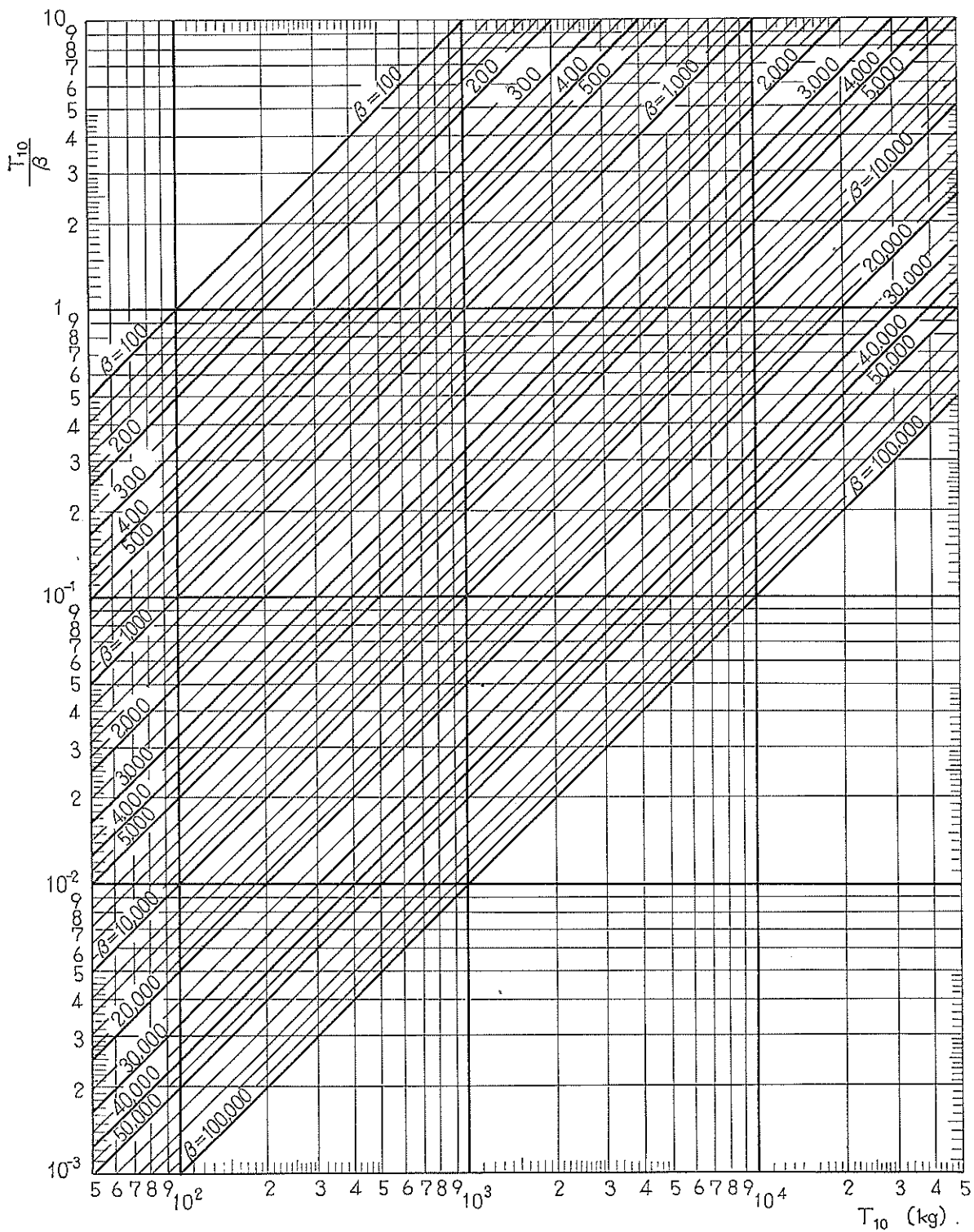


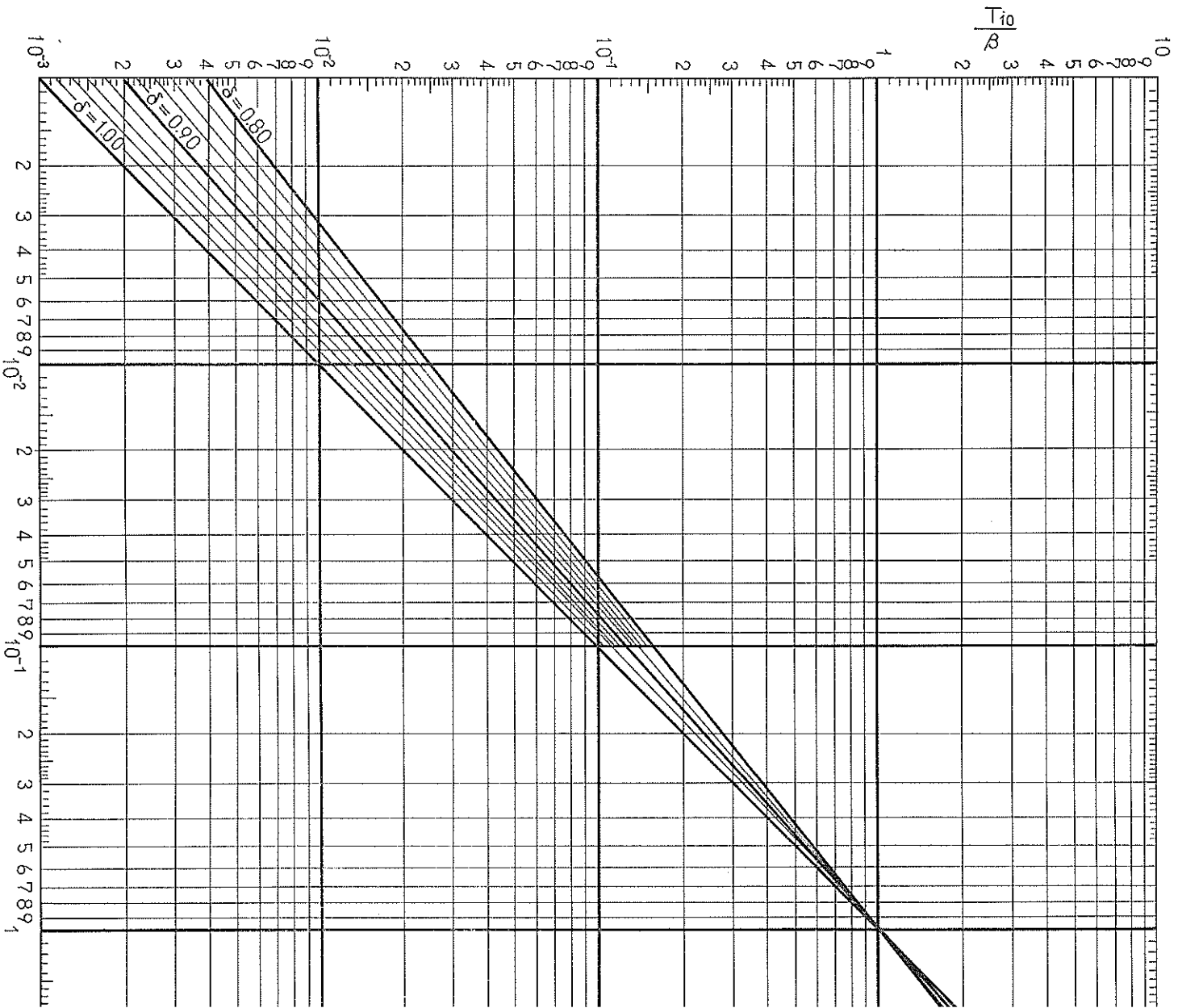
图 表-33  $\delta$  (Free)



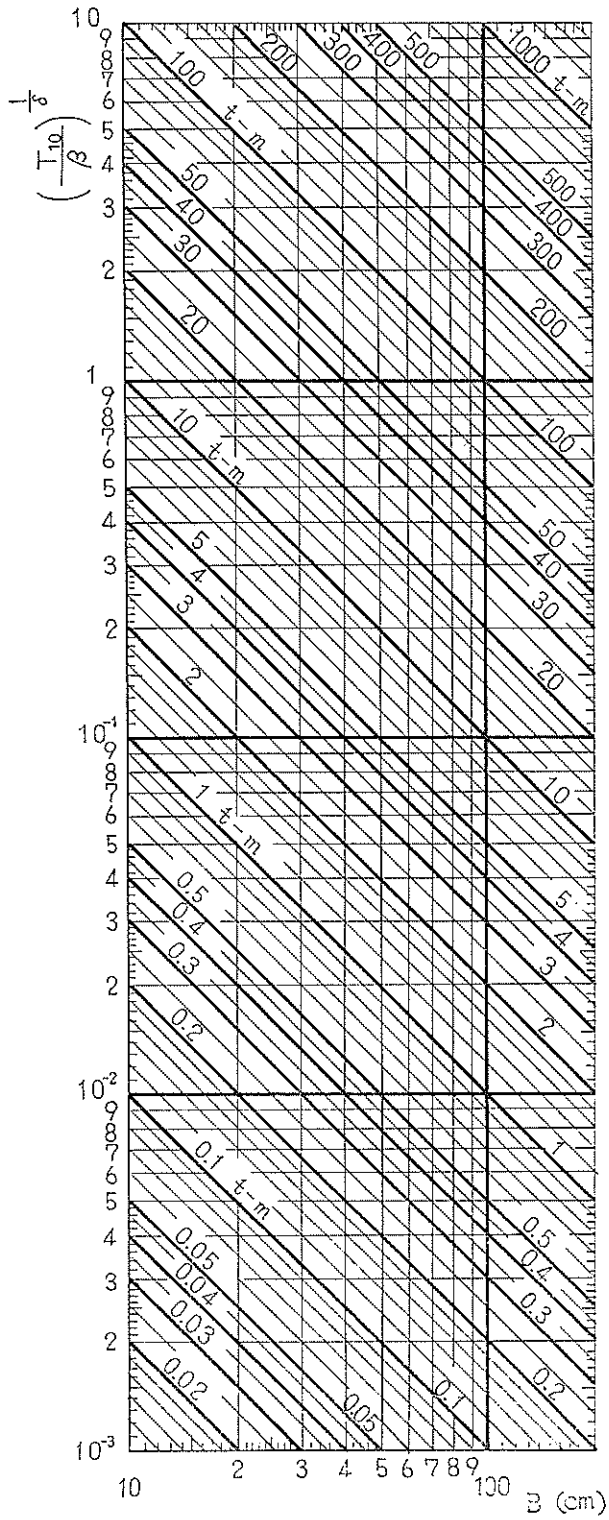
图表-34  $\delta$  (Fix)



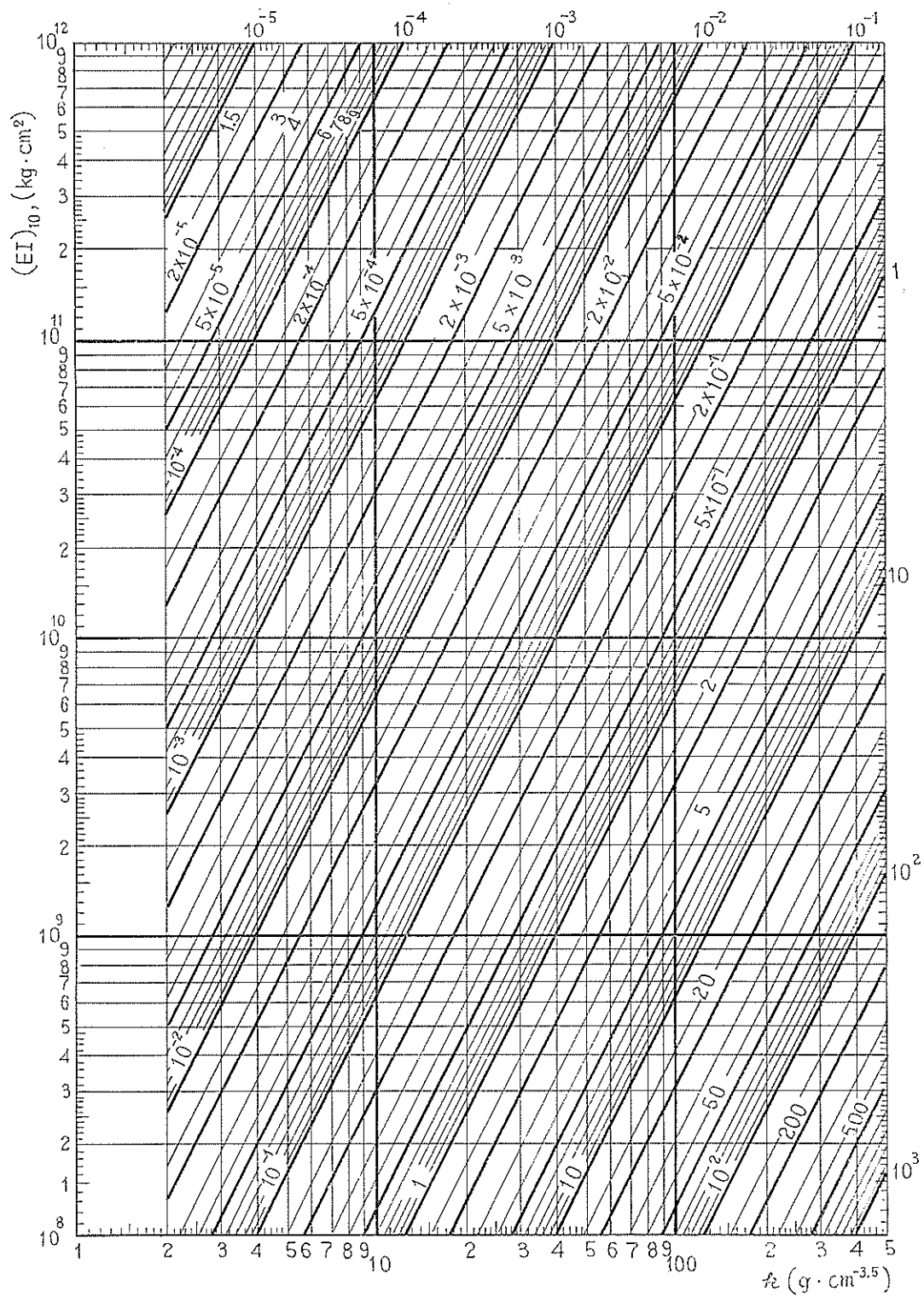
圖表—35  $\frac{T_{10}}{\beta}$



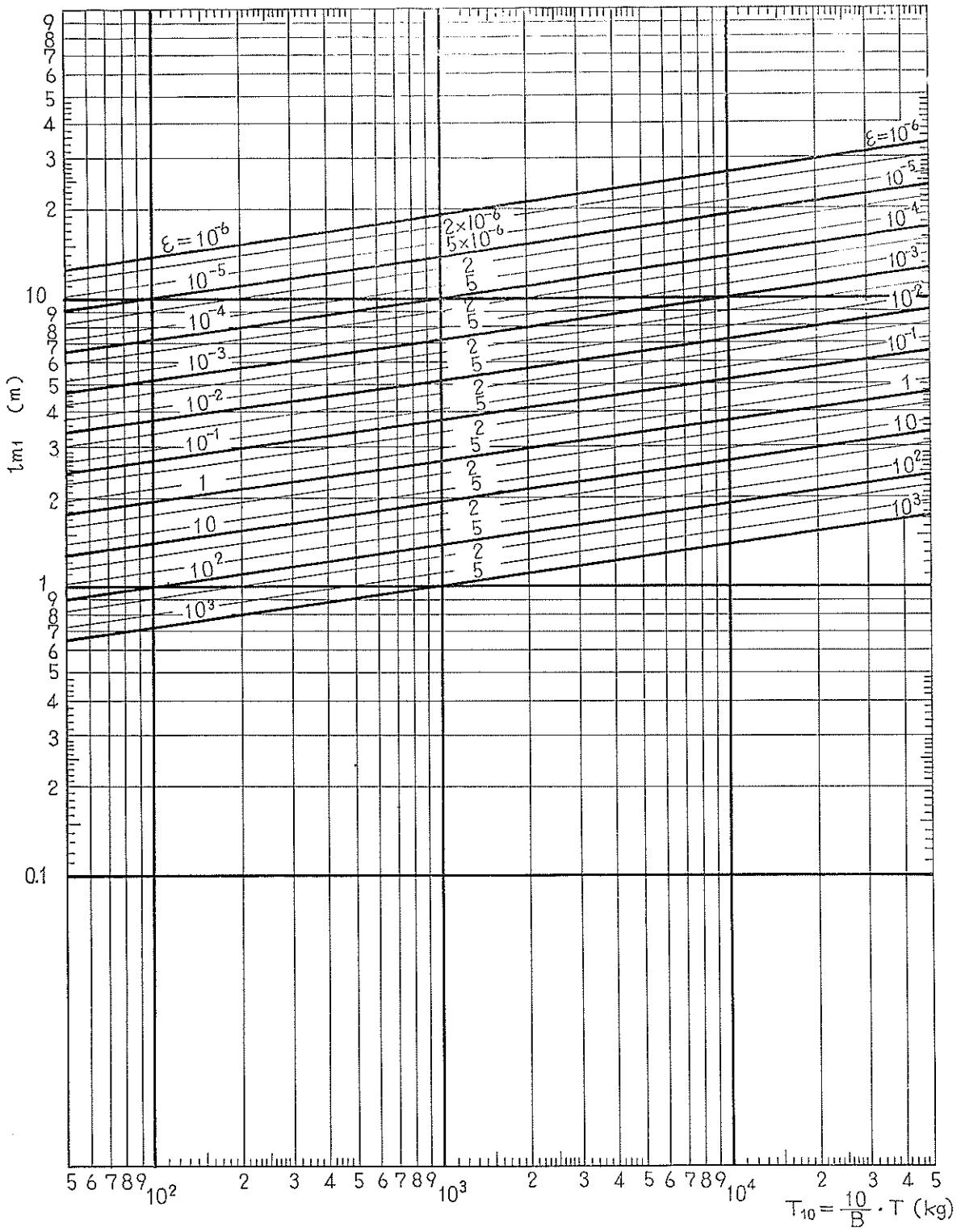
图表—36  $(\frac{T_{10}}{\beta})^{\frac{1}{\delta}}$



图表-37  $M_{max}, M_{max-1}, M_{max-t}$



图表—38 e



图表—39  $l_{m1}$



港湾技術研究所報告 第2巻3号 附表

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