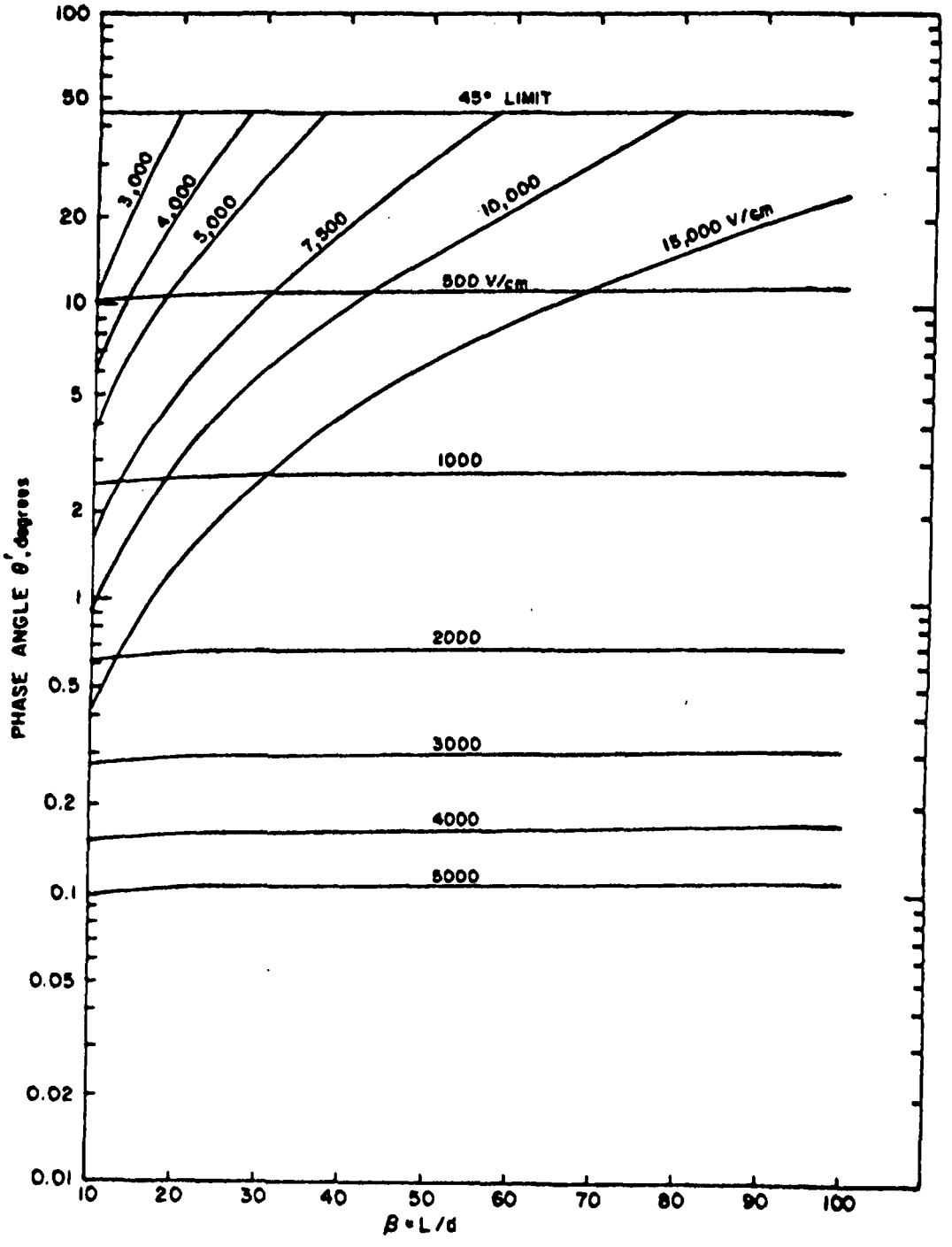

Figure 1 – Phase lag between the fiber axis and rotating electric field vector as a function of fiber length-to-diameter ratio and field intensity for $\omega = 2\pi \cdot 400\ sec^{-1}$, $\eta = 1.8 \times 10^{-4}$ poise, and, $\epsilon = 5$ (equations 10 and 11). Nearly horizontal curves are for conductive fibers, curves in upper left are for dielectric fibers.

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