



FIG. 10.8 Critical Lorentz-force density F_L of several high-field superconductors fitted by using the general pinning-force parameters of Eqs. (10.9-10.11): p , q , B and k (from Ekin 1981b). The Kramer model (Kramer 1973), which predicts $p = 0.5$ and $q = 2.0$, has limited applicability and works only for some high-field superconductors, such as *binary* Nb₃Sn.