



FIG. 4.19 Critical-current density as a function of magnetic field at various temperatures from 77 K to 4.2 K for a $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ current lead (from Watanabe et al. 1996). Data were obtained with the magnetic field applied in the least favorable orientation, perpendicular to the axis of the lead.