



FIG. 10.35 $J_c(B)$ curves measured for two binary Nb_3Sn superconductors in the as-cooled strain state: Sample 1 has an initial compressive strain $\epsilon_0 = -0.4\%$, and Sample 2 has a smaller initial compressive prestrain of $\epsilon_0 = -0.18\%$. The dashed curve shows the data for Sample 1 transformed to $\epsilon_0 = -0.18\%$ strain by using the strain scaling law, thus enabling a comparison to be made with the data of Sample 2 on an equal basis, i.e., at the same intrinsic strain level.