

Fig. 3-21. Dispersion curves in copper (Cu) along the dashed lines shown for the first Brillouin zone in Fig. 3-19. Data are from E. C. Svensson, B. N. Brockhouse, and J. M. Rowe, *Phys. Rev.* **155**, 619 (1967).

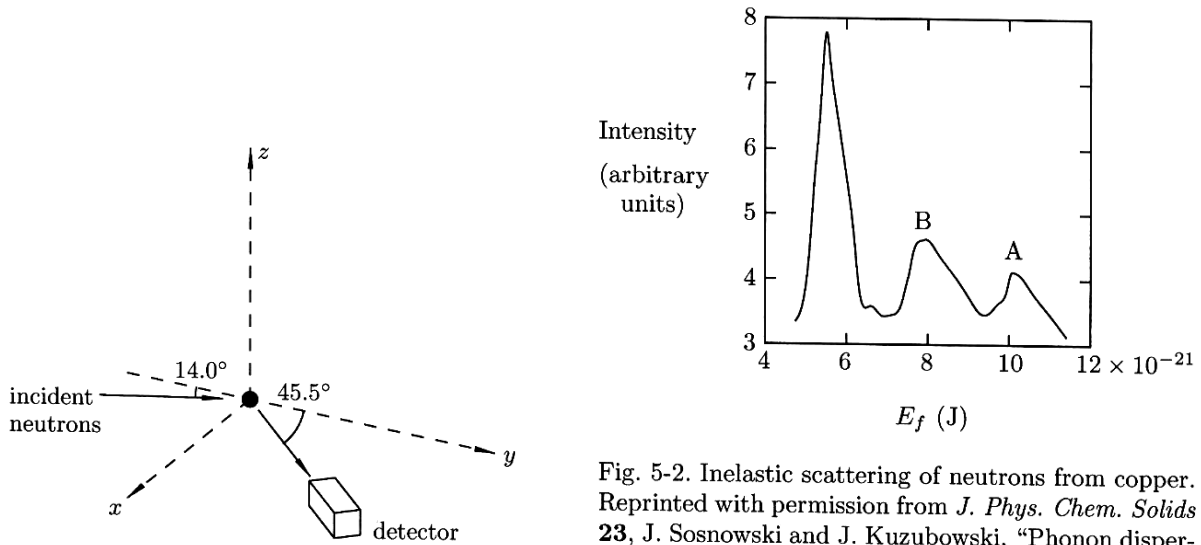


Fig. 5-3. Directions of incident and scattered neutrons for the spectrum in Fig. 5-2.

Fig. 5-2. Inelastic scattering of neutrons from copper. Reprinted with permission from *J. Phys. Chem. Solids* **23**, J. Sosnowski and J. Kuzubowski, "Phonon dispersion relations for copper single crystal in the [100] direction," Copyright 1962, Pergamon Press, Ltd.