



**Fig. 9.17** Typical variation of wind speeds with height in the surface layer for different static stabilities, plotted on (a) linear and (b) semi-log graphs. From *Meteorology for Scientists and Engineers*, A Technical Companion Book to C. Donald Ahrens' *Meteorology Today*, 2nd Ed., by Stull, p. 77. Copyright 2000. Reprinted with permission of Brooks/Cole, a division of Thomson Learning: [www.thomsonrights.com](http://www.thomsonrights.com). Fax 800-730-2215; and from R. B. Stull, *An Introduction to Boundary Layer Meteorology*, Kluwer Academic Publishers, Dordrecht, The Netherlands, 1988, Fig. 9.5, p. 377, Copyright 1988 Kluwer Academic Publishers, with kind permission of Springer Science and Business Media.]