

**Figure 10.4.** The Schmidt number dependence,  $n$ , derived from gas exchange of He and CH<sub>4</sub> in a wind tunnel experiment as a function of the friction velocity,  $U_w^*$  (the wind speed extrapolated to the air-water interface via the drag coefficient). The break in the exponent from 0.7 to 0.5 occurs at the transition from a smooth surface to one dominated by capillary waves. Redrawn from Jahne *et al.* (1987).

