Map of the concentration of Th on the lunar near-side surface (Lawrence et al., 2000; Gillis et al., 2000) with the locations of the Apollo and Luna landing sites (A11, L24, etc.) and nearside basins (from Fig. 2.3 of Vaniman et al. (1991). The seven youngest basins, from oldest to youngest, are Tranquillitatis, Nectaris, Humorum, Crisium, Serenitatis, Imbrium, and Orientale (Wilhelms, 1987).