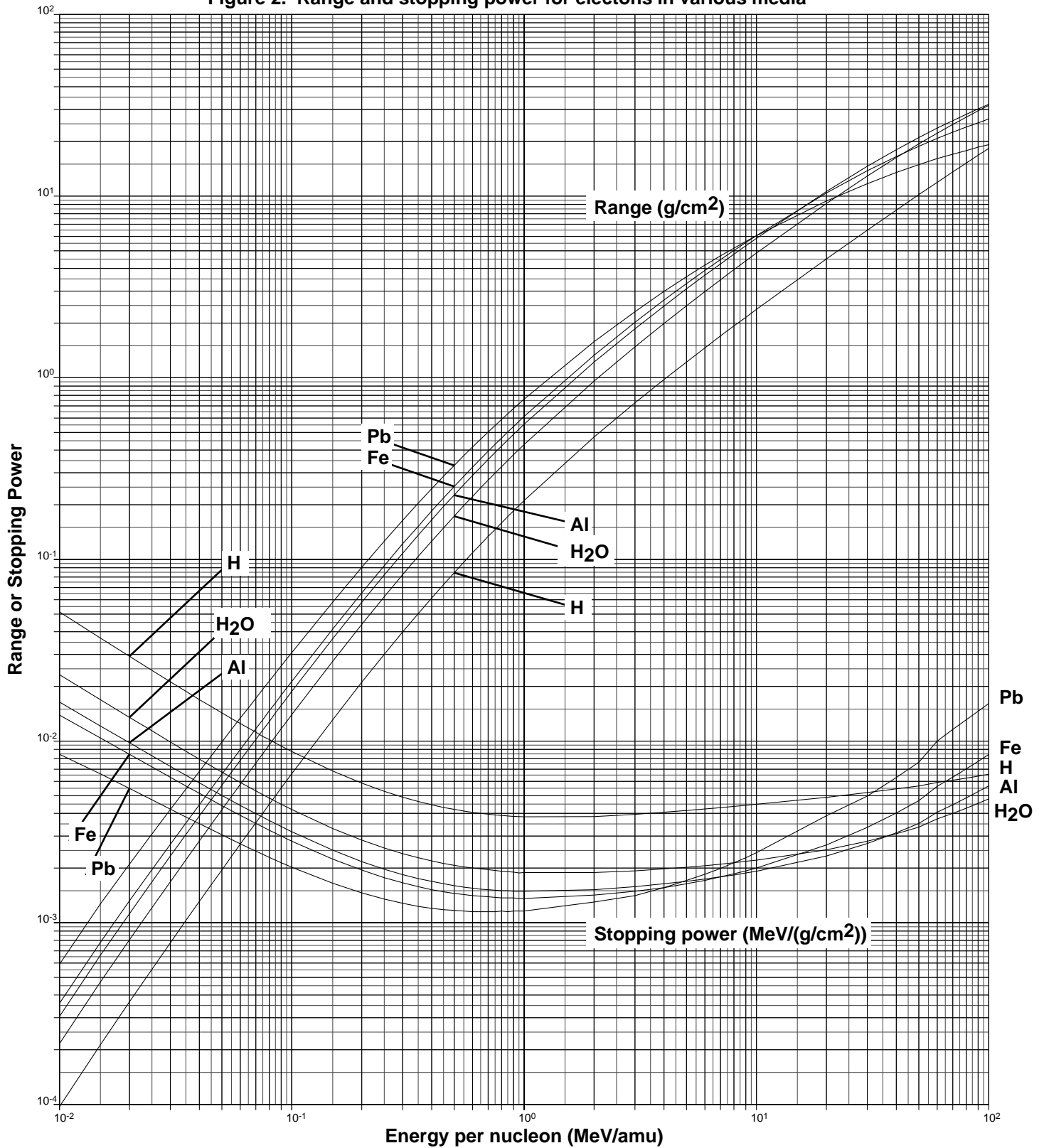


2. Absorption of Electrons in Matter

The range and stopping power for electrons in various media are given in Figure 2. These curves are based on the data of Pages *et al.*¹ Corrections for the density effect and the bremsstrahlung contribution to the stopping power have been included. The ranges are *path lengths*. Because lower energy electrons scatter more readily, range straggling is greater, and average range is shorter.

Figure 2. Range and stopping power for electrons in various media



¹L. Pages, E. Bertel, H. Joffre, and L. Sklavenitis, *Atomic Data Tables* 4, 1 (1972).