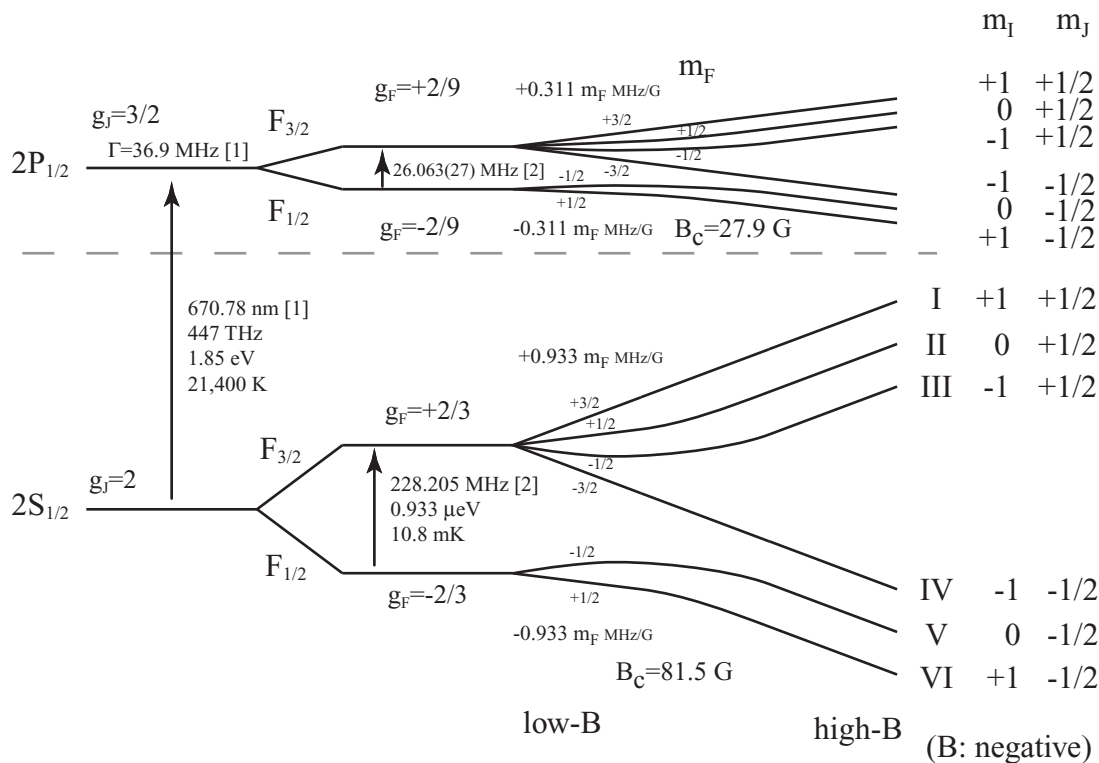


Hyperfine Structure of the ${}^6\text{Li}$ atom

2004.11.23



$g_I = +1 \mu_B$
 $g_S = +2.002319 (\mu_B)$
 $g_I = +0.822047 (\mu_N)$
 $\mu_B = 5.788381 \times 10^{-11} \text{ MeV/T}$
 $\mu_N = 3.152451 \times 10^{-14} \text{ MeV/T}$
 from refs. [3,4]

[1] Handbook of Chemistry and Physics 84th Ed., (CRC Press LLC, 2003, New York), NIST Atomic Transition Probability Tables pp.10-114.

[2] E. Arimoto *et al.*, RMP49(1977)31; H. Orth *et al.*, Abstracts of 4th Int. Conf. on Atomic Physics (1974) pp. 93.

[3] Particle Data Group, Review of Particle Physics, PLB592(2004)1.

[4] Table of Isotopes 8th Ed. 1998 Update, by R.B. Firestone (Wiley Intescience, 1998 New York).