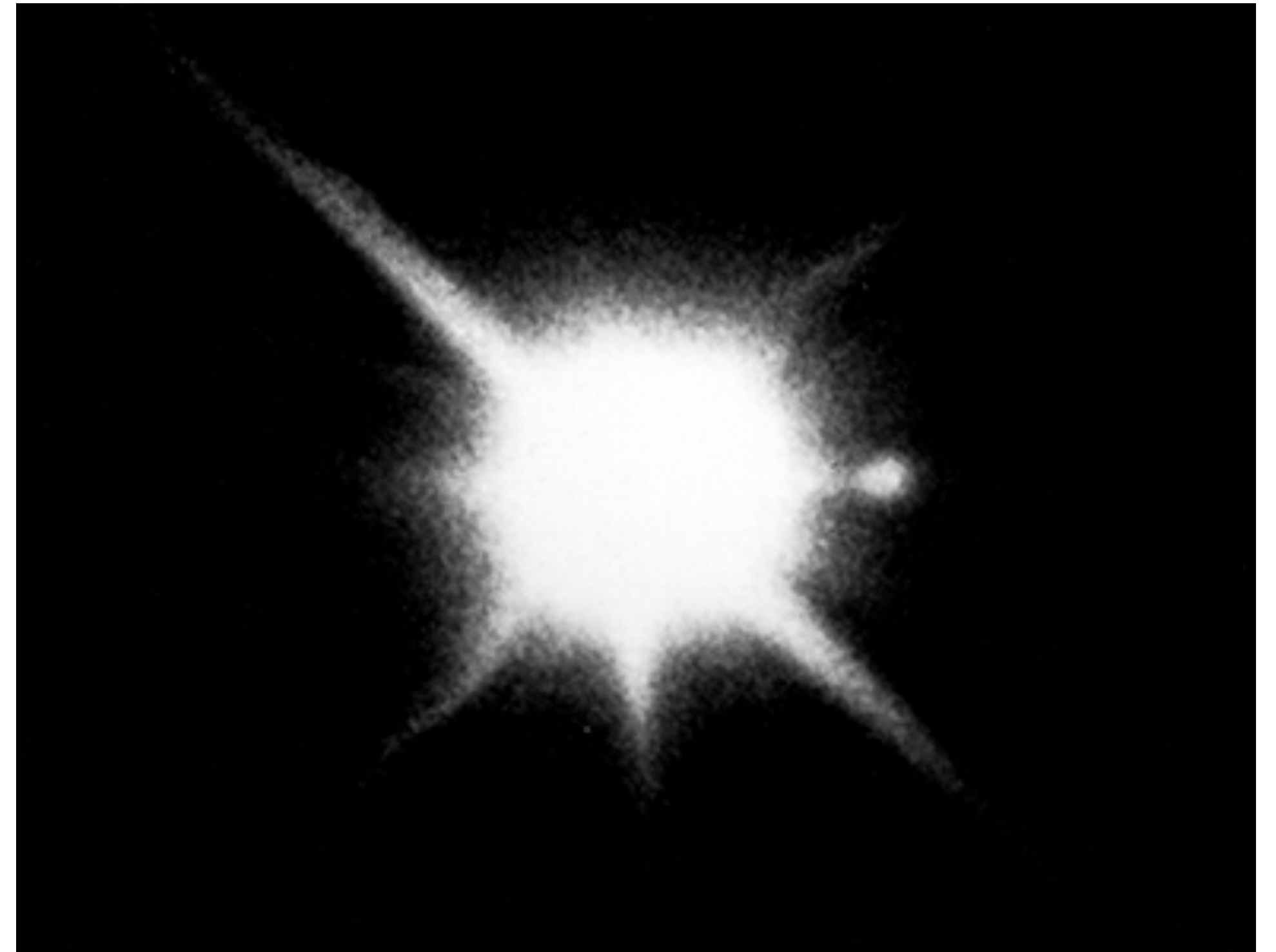


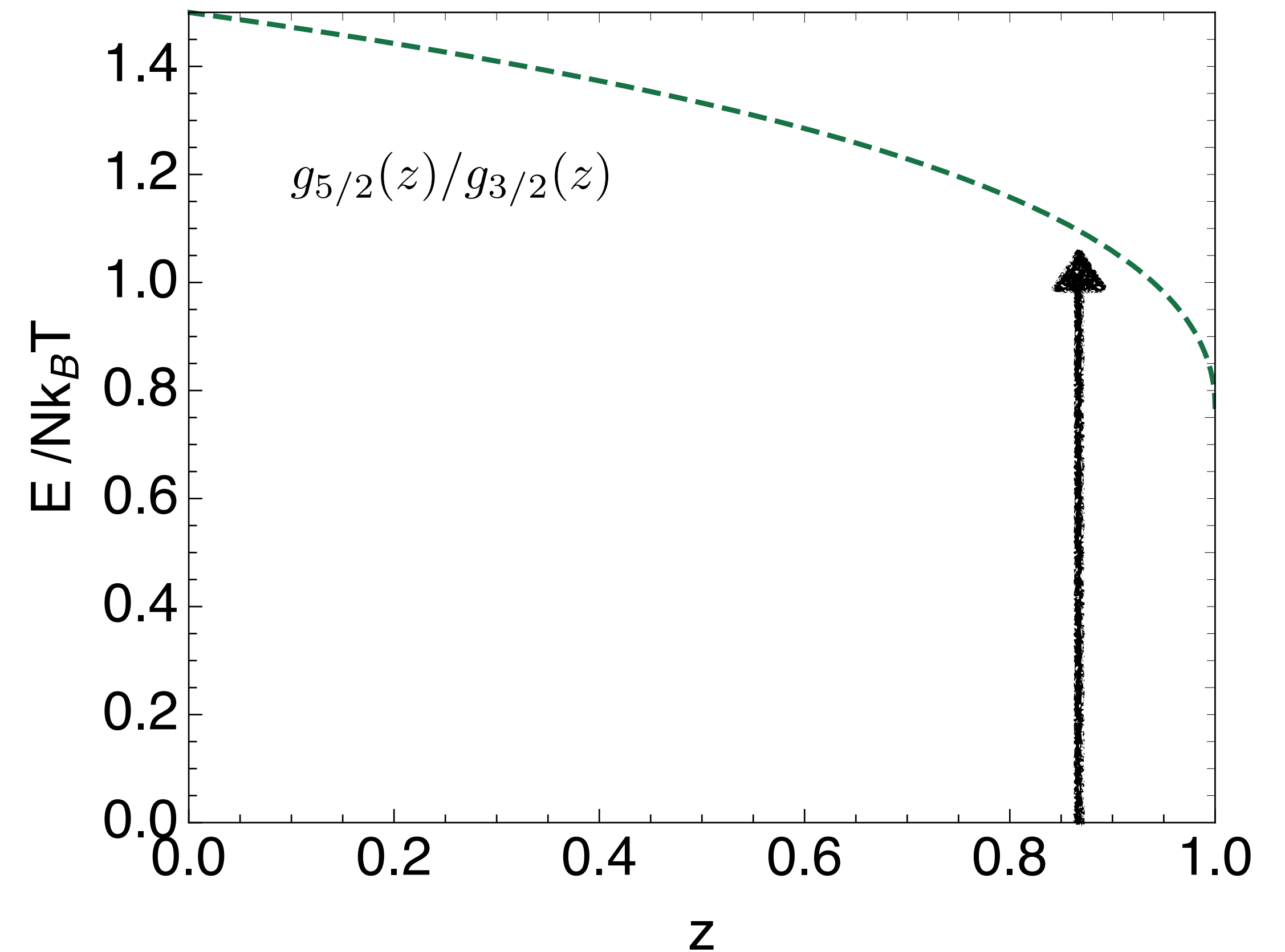
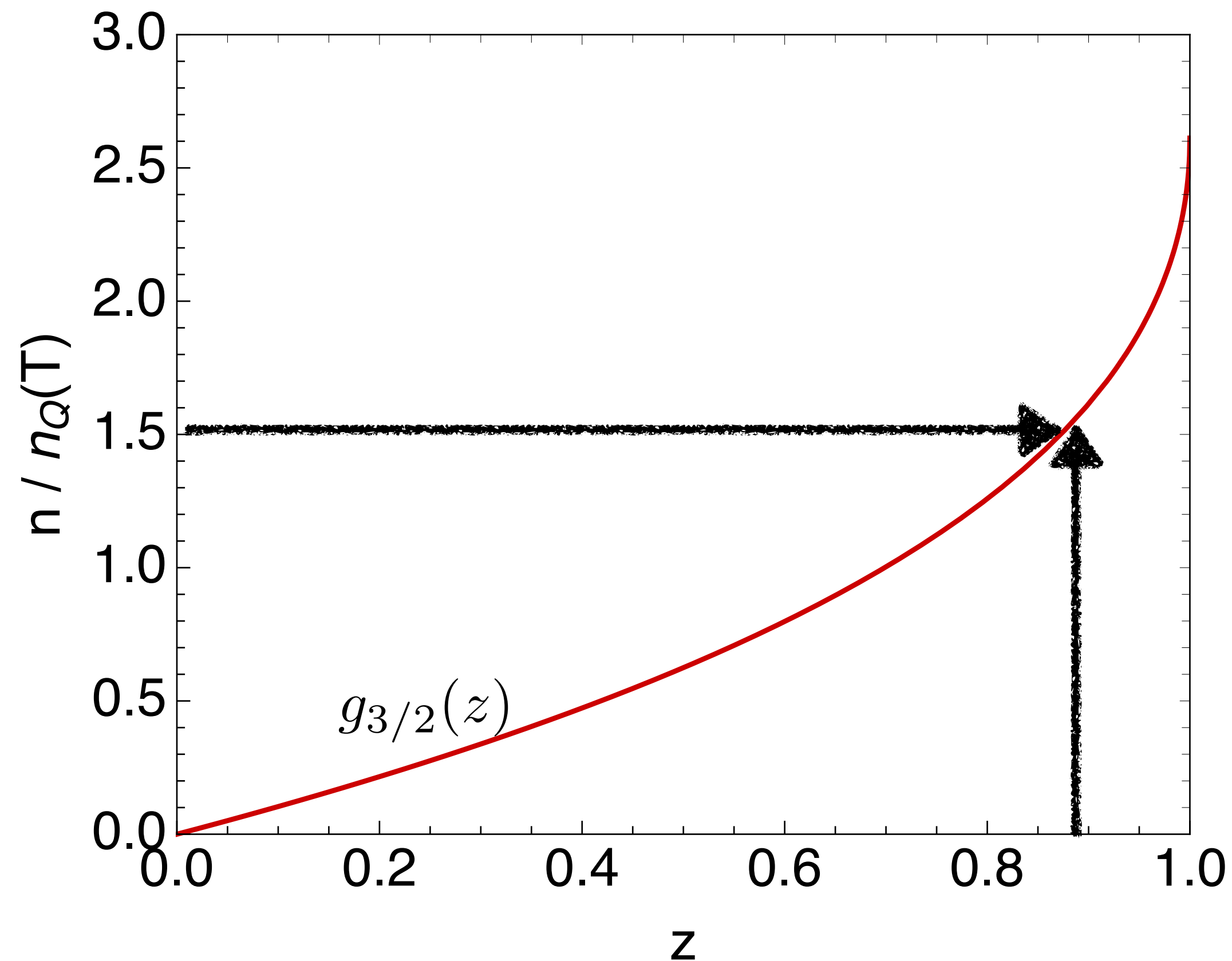
Sirius A and B

Figure 7.12. The double star system Sirius A and B. Sirius A (greatly overexposed in the photo) is the brightest star in our night sky. Its companion, Sirius B, is hotter but very faint, indicating that it must be extremely small—a white dwarf. From the orbital motion of the pair we know that Sirius B has about the same mass as our sun. (UCO/Lick Observatory photo.) Copyright ©2000, Addison-Wesley.



Taken from D. Schoeder

Bose Gas: A Graphical Solution



The density (in units of the concentration) determines the fugacity $z = e^{\beta\mu}$,
which determines $E/Nk_B T$