

Evaporative Cooling of Sodium Atoms [Phys. Rev. Lett. 74, 5202 (1995)]

Kendall B. Davis, Marc-Oliver Mewes, Michael A. Joffe, Michael R. Andrews, and Wolfgang Ketterle

On page 5204, left column, line 7, "... $m_F = 1$..." should read "... $m_F = -1$...".

On page 5205, left column, line 26, "... does not have magnetic field ..." should read "... does not have zero magnetic field ...".

In addition, a preliminary version of Fig. 1 was printed instead of the final version. Included below is the correct figure.

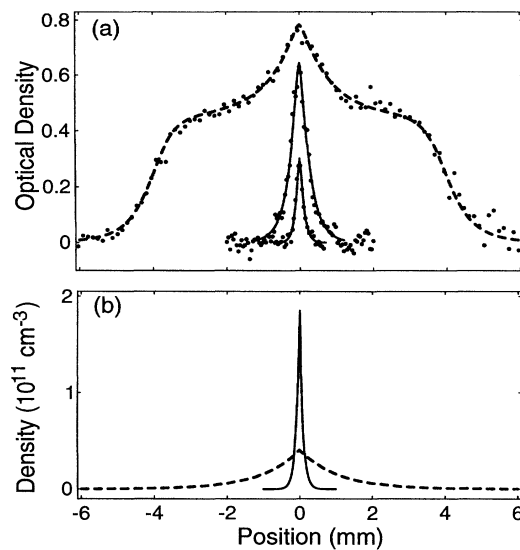


FIG. 2. Optical density (a) and density (b) before and after evaporative cooling. (a) The initial cloud was cooled by adiabatic compression at constant rf frequency (middle trace) and further cooled by decreasing the rf frequency. The lines are fits to the observed profiles. The “bumpy” structure of the initial profile is a result of Zeeman shifts of the transitions used for probing the atoms. (b) Density before and after evaporation as obtained from the fits to the optical density profiles (temperatures are 200 and 17 μK , respectively).