



Change in density profile as a ${}^7\text{Li}$ bosonic gas and a ${}^6\text{Li}$ fermionic gas are cooled towards absolute zero. The bosonic gas reduces to a narrow distribution corresponding to the low-energy condensate, while the fermionic gas saturates to a larger distribution due to the outwards Pauli pressure imposed by the fermions. Reproduced from apod.nas.gov with permission from A. G. Truscott and R. G. Hulet, and corresponding to the experiment in

A. G. Truscott, K. E. Strecker, W. I. McAlexander, G. B. Partridge, R. G. Hulet, *Science* **291**, 2570 (2001)