Interparticle separation (R) [a_0]

$(3/4\pi\rho)^{1/3}$

$10^{15}\,\mathrm{cm}^{-3}$ $10^{12}\,\mathrm{cm}^{-3}$

λ_{dB}

$1\,\mu\mathrm{K}$ $100\,\mathrm{nK}$

Optical lattices

R_{vdW}

Sr resonant scattering

QGM

PAS

ULRRM

$n = 20$ $n = 100$

3-body loss ($R \simeq 0$)

Interparticle separation (R) [nm]