

Interparticle separation [a_0]

10^1

10^2

10^3

10^4

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

$$10^{15} \text{ cm}^{-3} \quad 10^{12} \text{ cm}^{-3}$$

λ_{dB}

$$1 \mu\text{K} \quad 100 \text{ nK}$$

Optical lattices

R_{vdW}

Sr resonant scattering

QGM

PAS

ULRRM

$n = 20$

$n = 100$

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

10^0

10^1

10^2

10^3

Interparticle separation [nm]