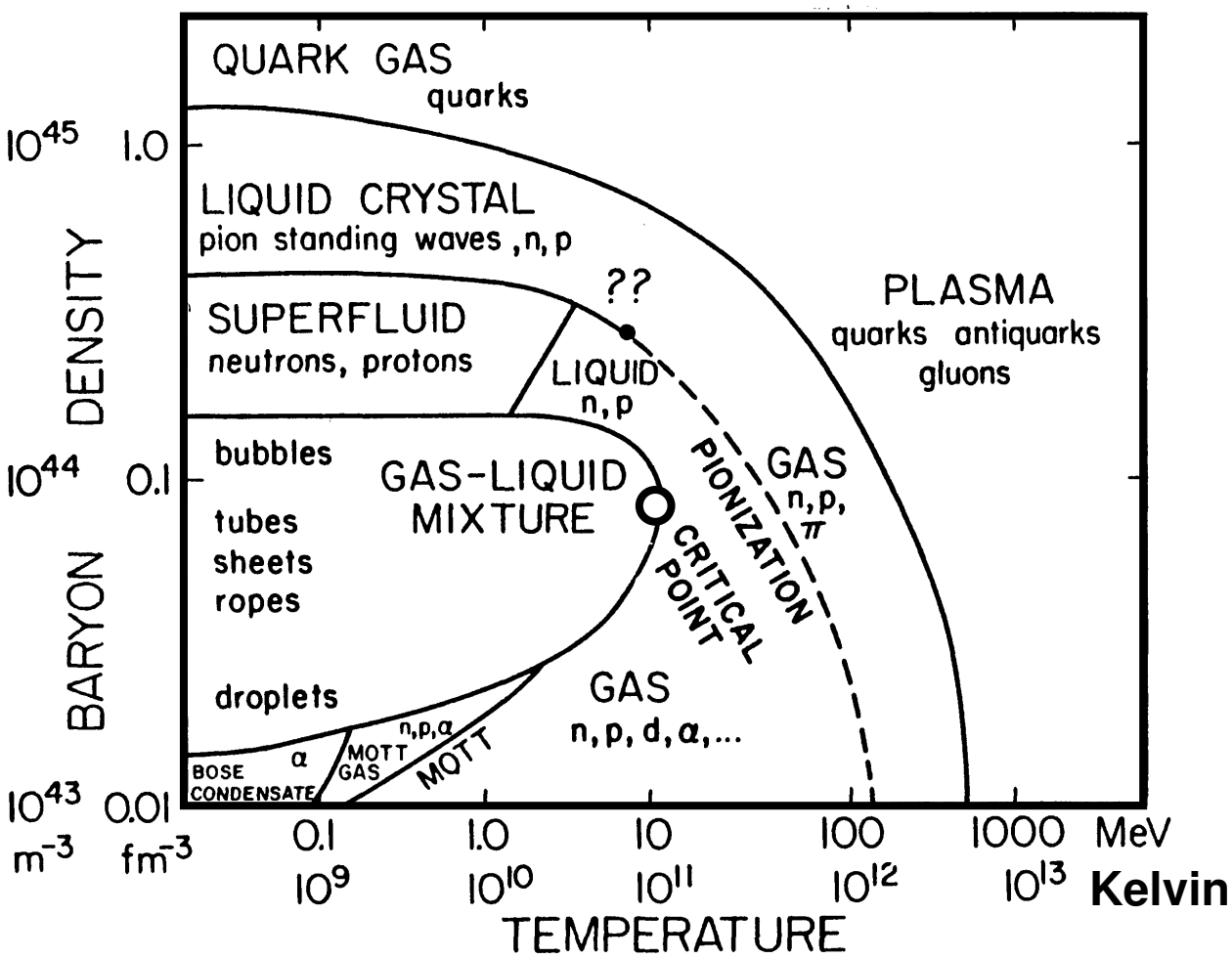
QUARK GAS
quarks
LIQUID CRYSTAL
pion standing waves , n, p
??
SUPERFLUID
neutrons, protons
LIQUID
n, p
PLASMA
quarks antiquarks
gluons
bubbles
tubes
sheets
ropes
GAS-LIQUID
MIXTURE
PIONIZATION
CRITICAL
POINT
GAS
n, p, π
droplets
GAS
n, p, d, α, ...
n,p,α
MOTT
GAS
MOTT
α
BOSE
CONDENSATE
10^45 1.0
10^44 0.1
10^43 0.01
BARYON DENSITY
m^-3 fm^-3
0.1 1.0 10 100 1000 MeV
10^9 10^10 10^11 10^12 10^13 Kelvin
TEMPERATURE