Degrees of Freedom

Energy (MeV)







quarks, gluons



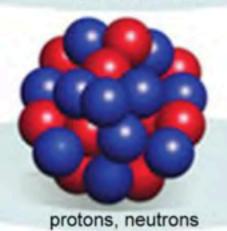
940 neutron mass

constituent quarks



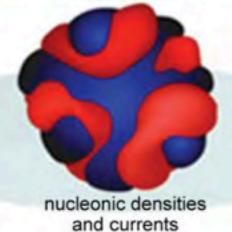
140 pion mass

baryons, mesons



8 proton separation energy in lead

RB



1.12 vibrational state in tin



0.043 rotational state in uranium

collective coordinates