Inertial Confinement Fusion

• In inertial fusion a set of concentric beams of energy, either in form of laser beams or charged particles (heavy ions) hits a pellet of d-t, it will compress the materials concentrically and heat up the core. The core can then begin the nuclear fusion reaction and ignite, burning the material contained in the pellet.

• Then a new pellet is inserted and the process repeats itself.

• This fusion reactor is simple because the reaction chamber is separated from everything else and the energy “easily” extracted.