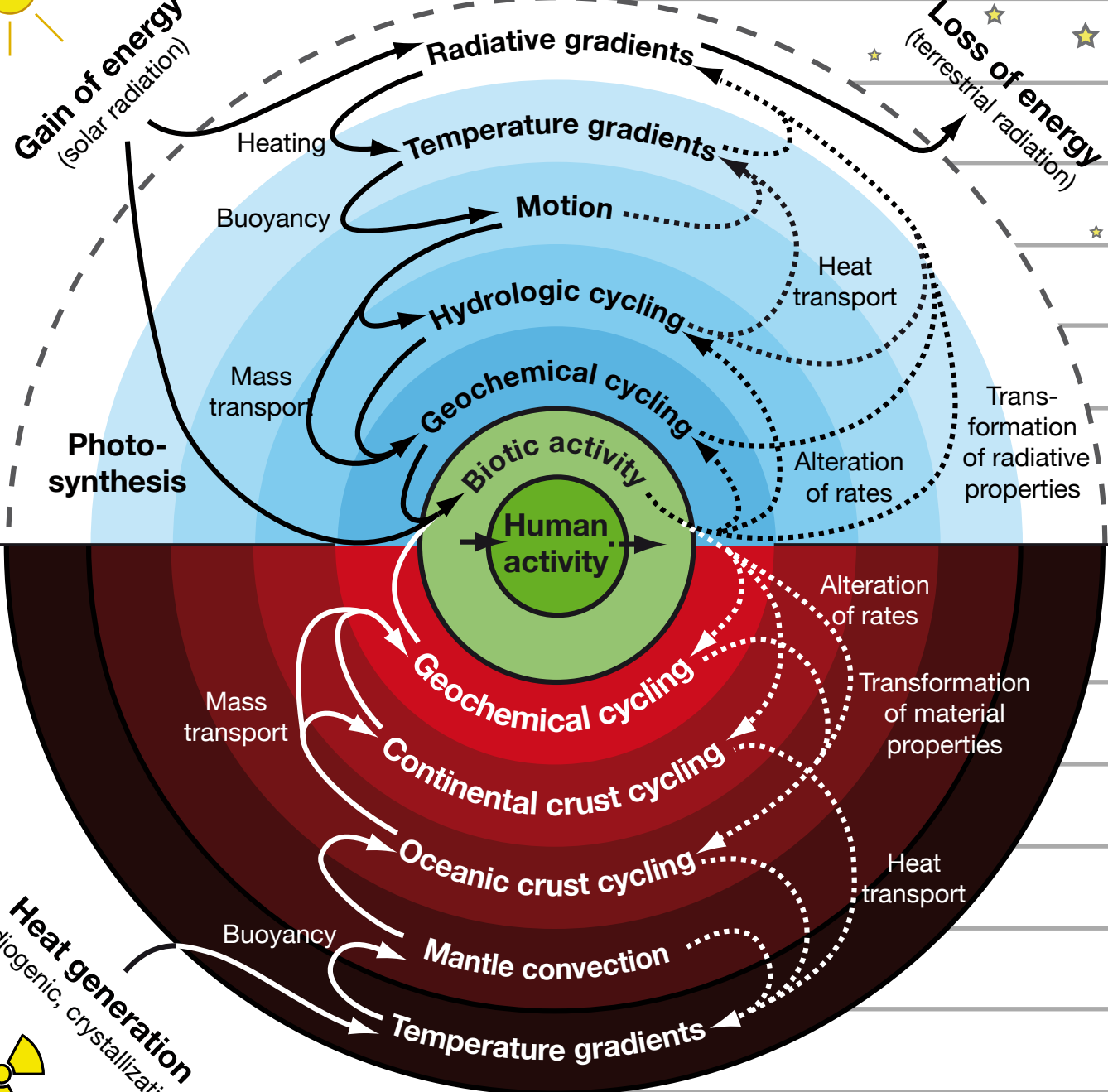


Associated forms of energy



Gain of energy
(solar radiation)

Loss of energy
(terrestrial radiation)



Radiative

Thermal

Kinetic

Potential, chemical, kinetic

Chemical

Chemical

Chemical

Potential, kinetic

Kinetic

Kinetic

Thermal



Heat generation
(radiogenic, crystallization)

Radiative gradients

Temperature gradients

Heating

Buoyancy

Motion

Heat transport

Hydrologic cycling

Mass transport

Geochemical cycling

Biotic activity

Human activity

Alteration of rates

Transformation of radiative properties

Alteration of rates

Transformation of material properties

Continental crust cycling

Oceanic crust cycling

Heat transport

Mantle convection

Buoyancy

Temperature gradients