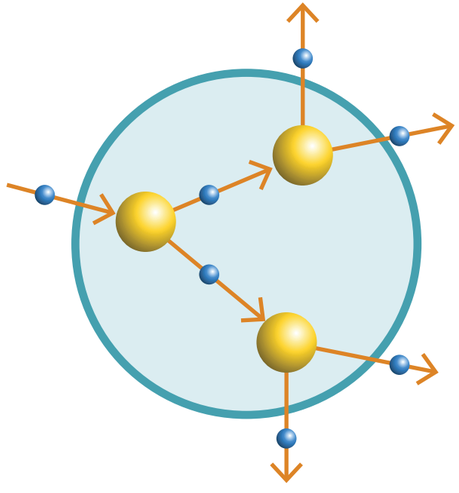
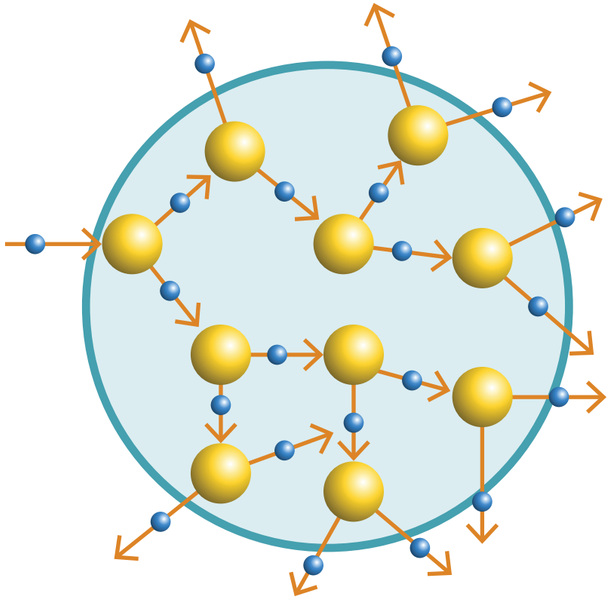


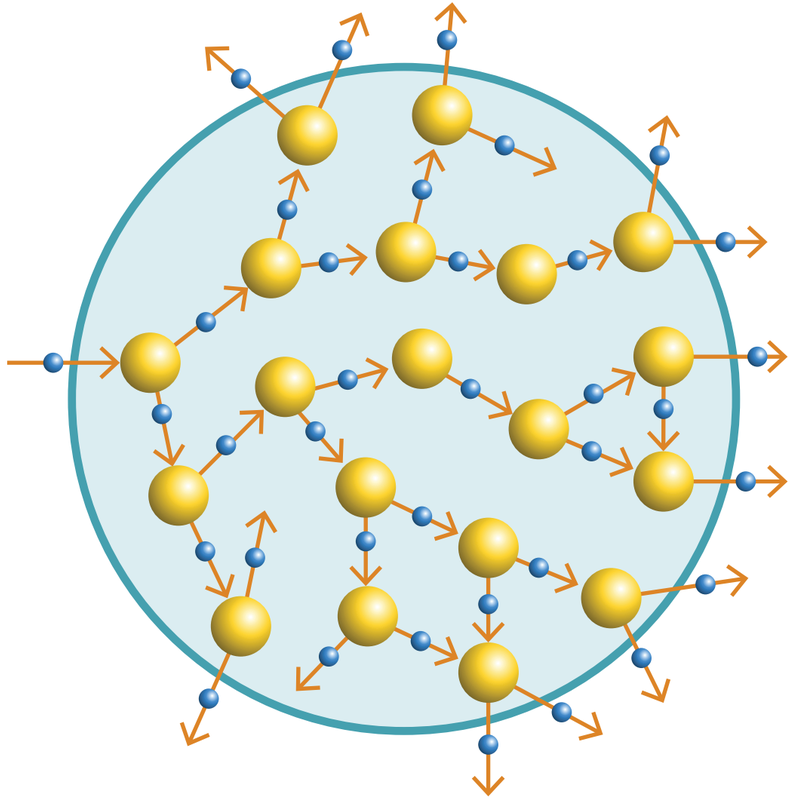
Subcritical mass

Rate of neutron loss
> rate of neutron creation
by fission



Critical mass

Rate of neutron loss
= rate of neutron creation
by fission



Supercritical mass

Rate of neutron loss
< rate of neutron creation
by fission