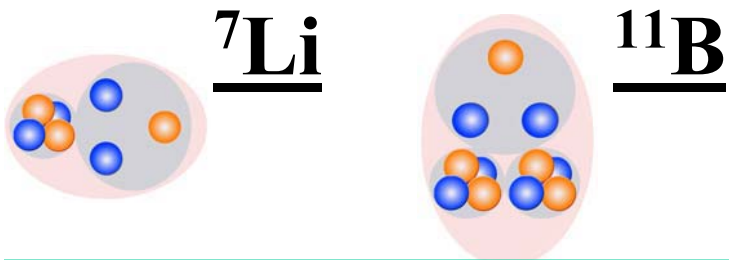


Triton-Alpha Clustering in Light Nuclei



${}^7\text{Li}$ clustering. About 7% of all inelastic interactions of ${}^7\text{Li}$ nuclei are peripheral interactions (80 events), which contain only the charged fragments of a relativistic nucleus.

Half of these events are attributed to a decay of ${}^7\text{Li}$ nucleus to α -particle and a triton(40 events).

The number of decays accompanied by deuterons makes up 30%, and by protons – 20%.

The isotopic composition points to the fact that these events are related to the dissociating structure of α -particle and the triton clusters.

${}^{11}\text{B}$ clustering. Analysis is in progress now.
