

thermally-induced transition

A transition that is induced by a change in temperature. Example: RbNO_3 undergoes three structural transitions below 573 K:

1. trigonal \rightarrow CsCl-type structure at 439 K,
2. CsCl-type \rightarrow hexagonal structure at 501 K, and
3. hexagonal structure \rightarrow NaCl-type structure at 551 K.

Source:

PAC, 1994, 66, 577 (*Definitions of terms relating to phase transitions of the solid state (IUPAC Recommendations 1994)*) on page 592