

converted to the cubic form under these conditions.

Rhobohedral  $\text{Lu}_2\text{S}_3$  was partially converted to the cubic form under these conditions.

It is interesting to note that Gschneidner has published a chart which lists the known RB and  $\text{RB}_2$  type compounds where R is a rare earth element and B is any other element (8). The chart shows several other series that could be extended by the high pressure techniques used in this study.