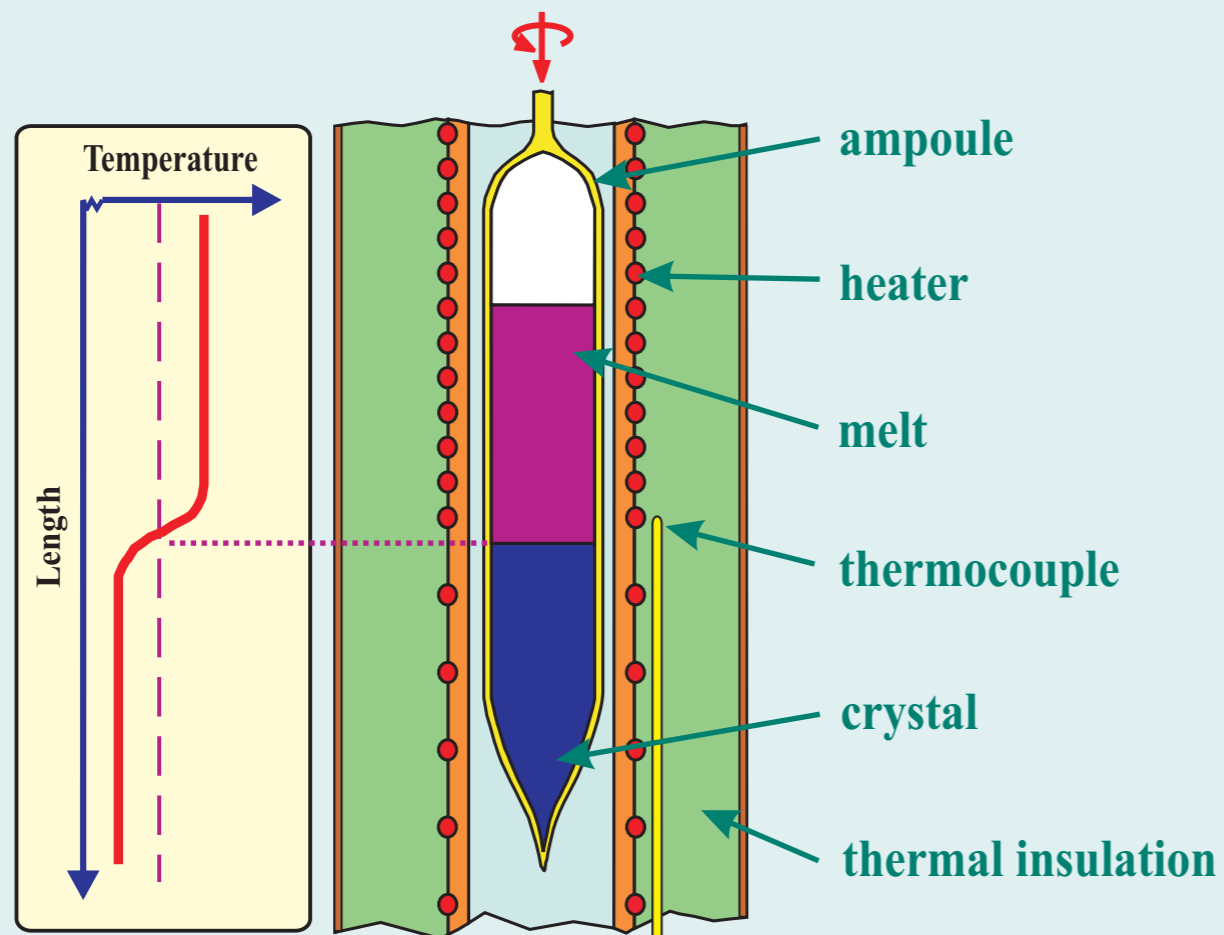


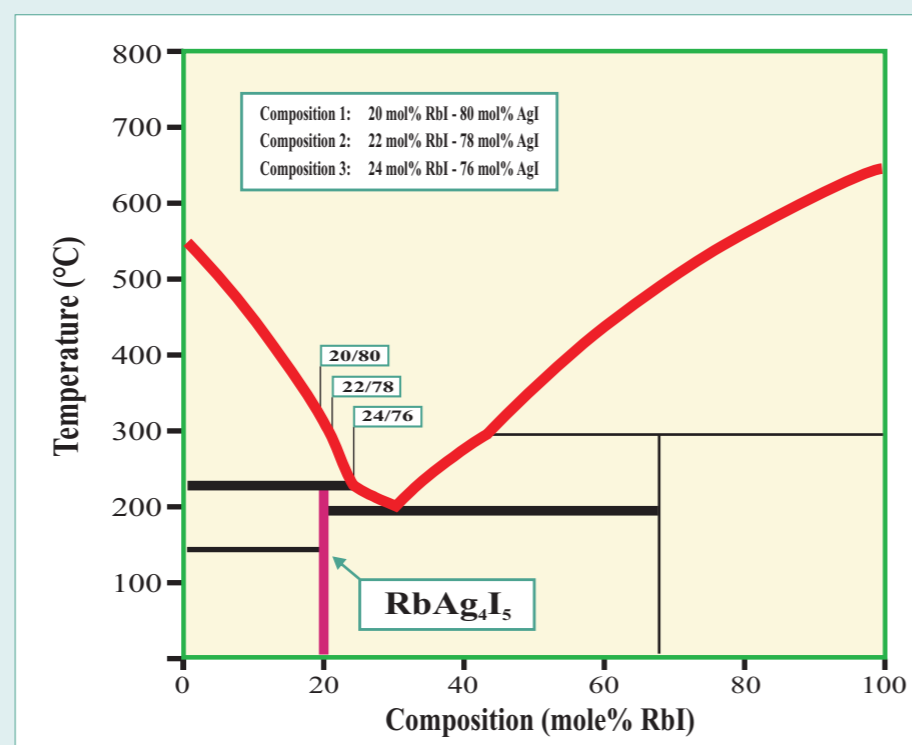
# The Bridgman-Stockbarger Method



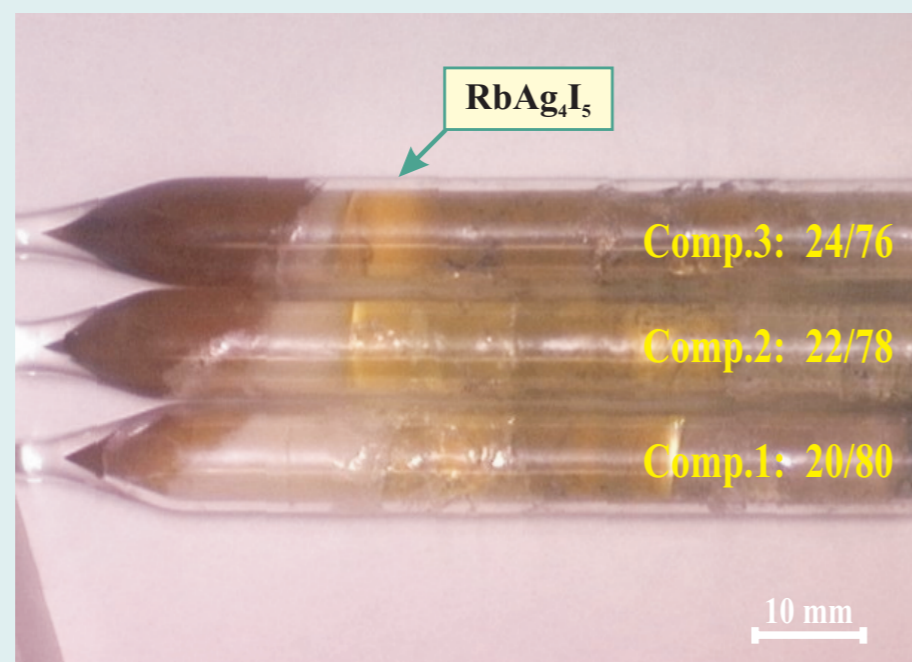
1. Sealing the starting materials in an ampoule
2. Melting
3. Crystal growth by passing the ampoule through the temperature gradient zone

## Crystals grown:

**As, Ag, LiI, SiAs, SnAs, PrCl<sub>3</sub>,  
LaCl<sub>3</sub>, AgI<sub>0.3</sub>Br<sub>0.7</sub>, Ag<sub>6</sub>Ge<sub>10</sub>P<sub>12</sub>,  
AuTe<sub>2</sub>, CsMnBr, Cu<sub>12</sub>Sb<sub>4</sub>S<sub>13</sub> etc.**



Phase diagram of the RbI+AgI system



RbAg<sub>4</sub>I<sub>5</sub> single crystals obtained by the Bridgman method



Growth equipment