

## Ag – At (Silver – Astatine)

### Phase diagram

The solubility of At in solid (Ag) is about  $10^{-5}$  at% [68 Gul]. The solubility in liquid Ag is not known. If there is supposed a freezing point depression of Ag up to about  $10^{-3}$  K, the concentration of At should be  $10^{-3}$  at%. Some remarks have been given by Okamoto in [Massalski].

### References

- [68 Gul] Gulyaev, B.B., Dvorshkaya, G.F., in: “Phase Diagrams of Metallic Systems”, Savitskii, E.M. (ed.), Nauka Publ., Moscow (1968)
- [Massalski] Massalski, T.B. (Editor-in-Chief): “Binary Alloy Phase Diagrams”, Second Edition, The Materials Information Society, ASM International, Materials Park, Ohio (1992)