

## Au – I (Gold – Iodine)

### Crystal structure

Two intermediate phases exist in this system: AuI and AuI<sub>3</sub>. The structure of both phases is tetragonal [Massalski].

Lattice constants for AuI:

$$a = 0.4359 \text{ nm}$$

$$c = 1.3711 \text{ nm}$$

[56 Wei].

### References

- [56 Wei] Weiss, A., Weiss, A.: Z. Naturforschg. **11b** (1956) 604  
[Massalski] Massalski, T.B., (ed.): “Binary Alloy Phase Diagrams”, Second Edition, The Materials Information Society, ASM International, Materials Park, Ohio (1992)