

# Au-Zn (Gold-Zinc)

H. Okamoto

The Au-Zn phase diagram in [Massalski2] was redrawn from [1989Oka]. [2003Liu] assessed the Au-Zn system based on data given in [1989Oka] and more recent data reported by [1988Ips] and [1993Pra]. The result is shown in Fig. 1. The diagrams of [1989Oka] and [2003Liu] are different in detail. Experimental work may be needed to clarify the disagreement.

## References

**1988Ips:** H. Ipsen and R. Krachler, The Au-Zn Melting Diagram in the Range of the  $\beta'$ -AuZn Phase, *Scr. Metall.*, 1988, **22**, p 1651-1654

**1989Oka:** H. Okamoto and T.B. Massalski, The Au-Zn (Gold-Zinc) System, *Bull. Alloy Phase Diagrams*, 1989, **10**(1), p 59-69

**1993Pra:** R. Prasad, M. Bienenzie, and F. Sommer, Thermodynamics of Gold-Rich Au-Zn Alloys, *J. Alloys Compd.*, 1993, **200**, p 69-74

**2003Liu:** H.S. Liu, K. Ishida, Z.P. Jin, and Y. Du, Thermodynamic Assessment of the Au-Zn System, *Intermetallics*, 2003, **11**(10), p 987-994

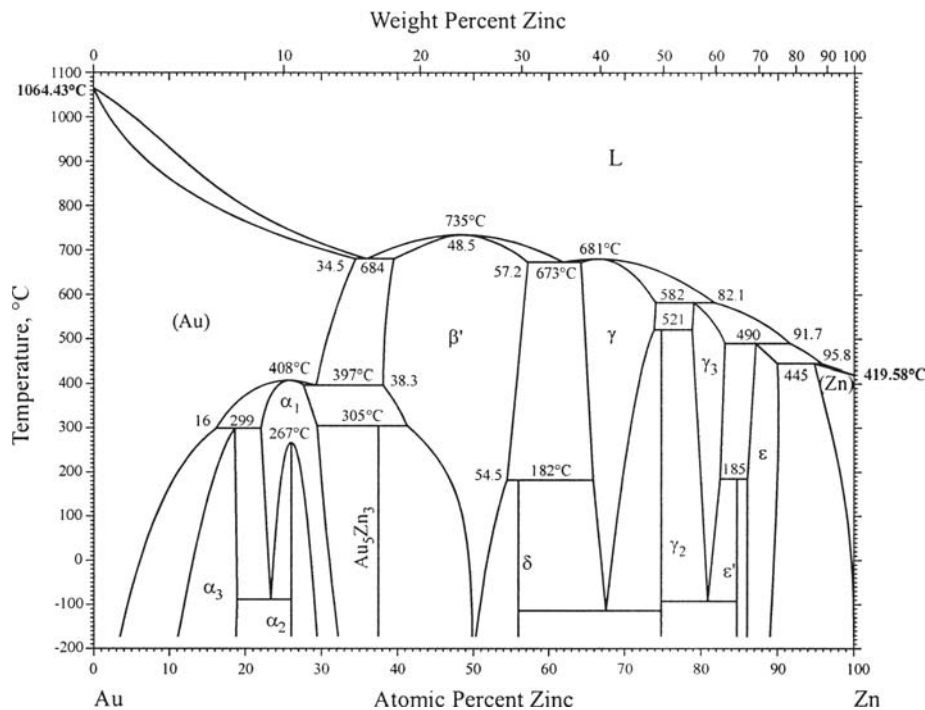


Fig. 1 Au-Zn phase diagram