

# Au-Hf (Gold-Hafnium)

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The Au-Hf phase diagram in [Massalski2], which was adopted from [1984Oka], was schematically drawn by assuming a close similarity to the Au-Zr system.

[2000Lom] determined the Au-Hf phase diagram experimentally ([2000Oka]), as shown with dashed lines in Fig. 1. [2003Du] thermodynamically assessed the Au-Hf system based on the data of [2000Lom]. The result is shown with solid lines in Fig. 1. The diagram of [2003Du] is expected to be a good representation of the experimental data of [2000Lom].

## References

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- 2000Lom:** M. Lomello-Tafin, P. Galez, P. Feschotte, and J.L. Jorda, The Hf-Au System, *J. Alloys Compd.*, Vol 296, 2000, p 103-111
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- 2003Du:** Z. Du and L. Yang, Thermodynamic Assessment of the Au-Hf System, *J. Alloys Compd.*, Vol 353, 2003, p 213-216

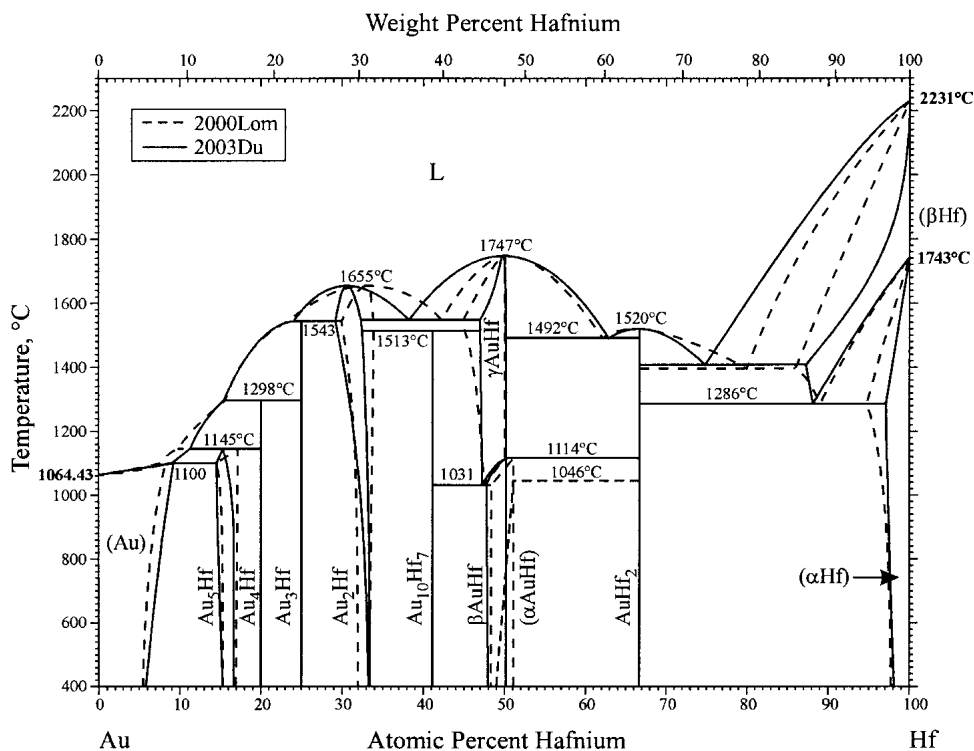


Fig. 1 Au-Hf phase diagram