JPEDAV (2004) 25:486-487
DOI: 10.1361/15477030420944
1547-7037/$19.00 ©ASM International

Rh-Zr (Rhodium-Zirconium)

H. Okamoto

The Rh-Zr phase diagram shown in [Massalski2] was a preliminary version of [1993Ari] (dashed lines in Fig. 1). This diagram was assessed based on several references, but the key feature was adopted from [1988Jor].

Solid lines in Fig. 1 show the Rh-Zr phase diagram obtained by thermodynamic modeling by [2004Du]. The phase boundary data of the model are based on [1988Jor]. The calculated phase diagram is believed to be a thermodynamically consistent presentation of the experimental data observed by [1988Jor]. Figures 2 and 3 are enlarged sections of Fig. 1.

References

1988Jor: J.L. Jorda, T. Graf, L.Schellenberg, J. Muller, K. Cenzual, J.C. Gachon, and J. Hertz, Phase Relations, Thermochemistry and Superconductivity in the Zr-Rh System, *J. Less-Common Met.,* Vol 136, 1988, p 313-328

1993Ari: D. Arias and J.P. Abriata, The Rh-Zr (Rhodium-Zirconium) System, *J. Phase Equilibria,* Vol 14 (No. 1), 1993, p 110-117

2004Du: Z. Du, Thermodynamic Modeling of the Rh-Zr System, *Z. Metallkd.,* Vol 95 (No. 2), 2004, p 70-75

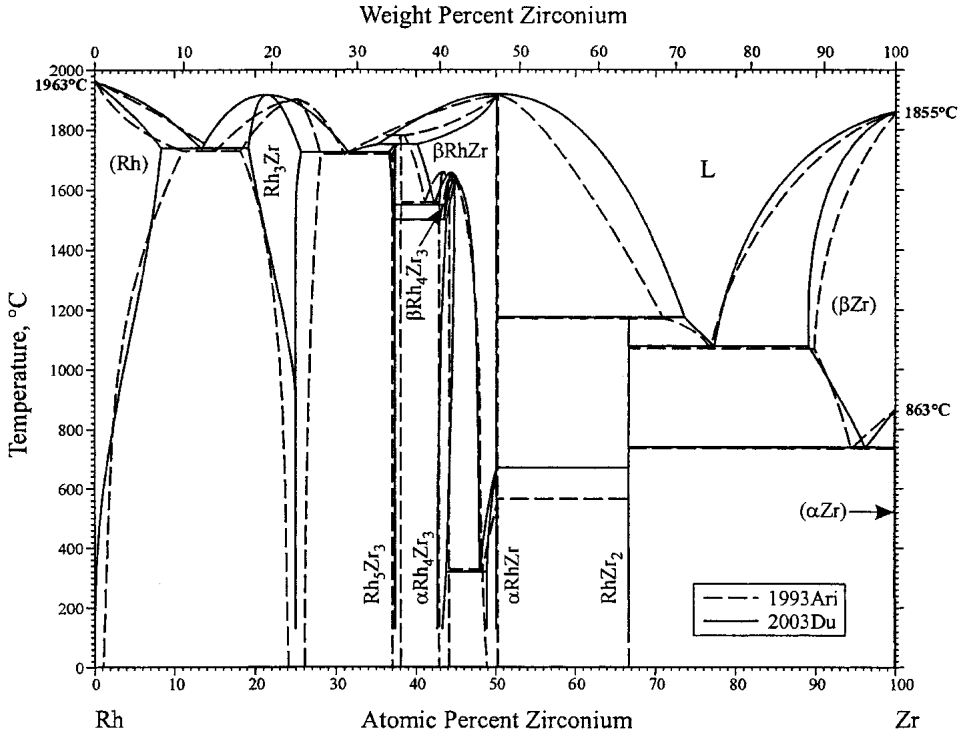

Fig. 1 Rh-Zr phase diagram

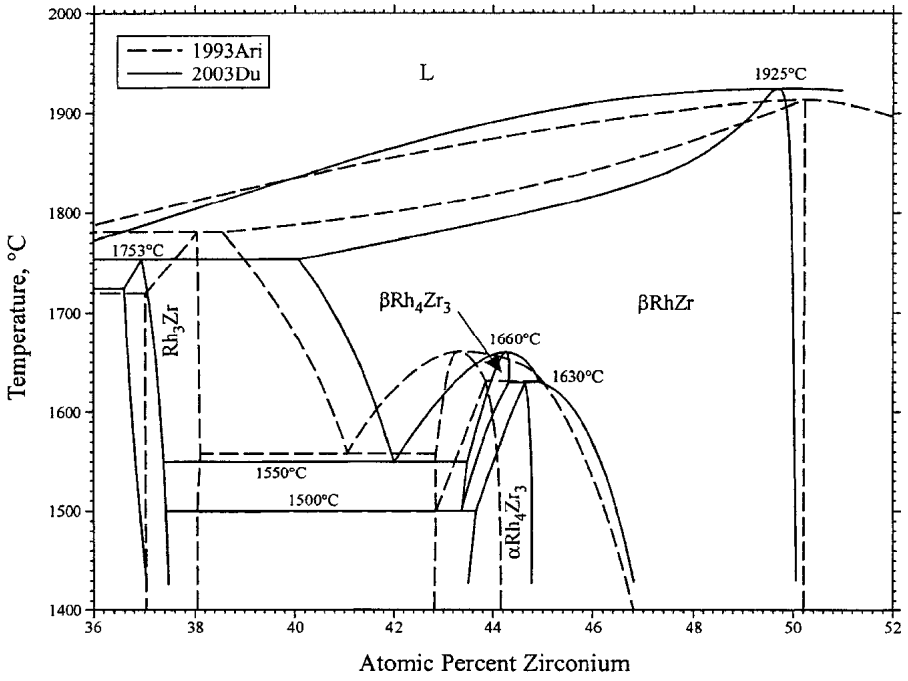

Fig. 2 Enlarged section of Fig. 1 (36-52 at.% Zr)

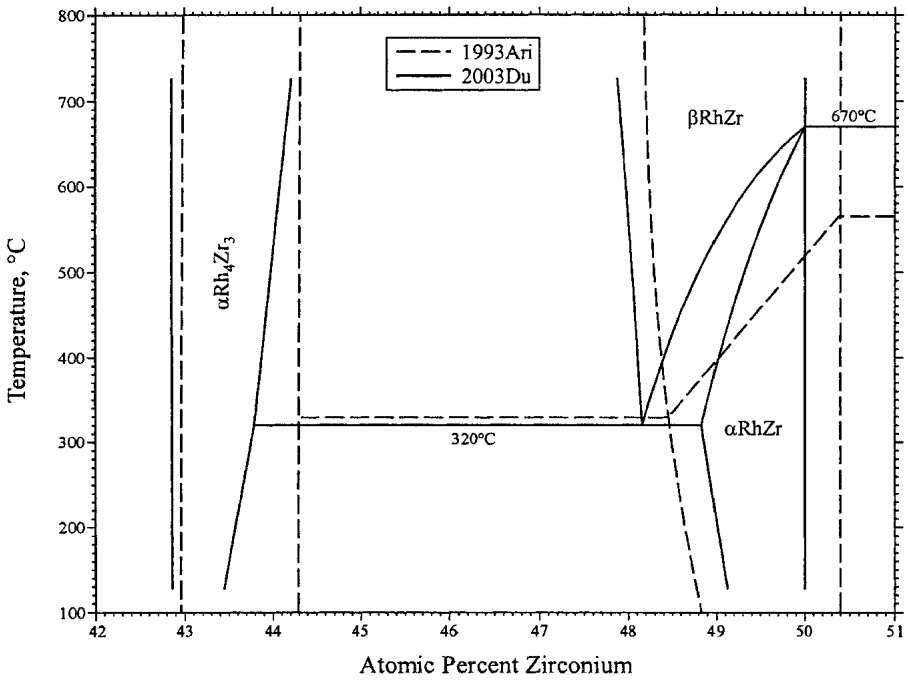

Fig. 3 Enlarged section of Fig. 1 (42-51 at.% Zr)