



Fig. 4 Percentage deviation of experimental thermal expansion data

to 1 per cent higher. Since selected values of the thermal expansion coefficient in the high temperature region are derived from the length

change measurements then the agreement with the values of Glazov must be considered to be reasonable.

References

- 1 R. E. Bedford, G. Bonnier, A. Maas and F. Pavase, *Metrologia*, 1996, **33**, 133
- 2 J. W. Arblaster, *Platinum Metals Rev.*, 1997, **41**, (1), 12
- 3 H. D. Erling, *Ann. Phys. (Leipzig)*, 1939, **34**, 136
- 4 G. W. White and A. T. Pawlowicz, *J. Low Temp. Phys.*, 1970, **2**, 631
- 5 G. K. White, Private Communication, 9 December 1988
- 6 G. T. Furukawa, M. L. Reilly and G. S. Gallagher, *J. Phys. Chem. Ref. Data*, 1974, **3**, 163
- 7 J. W. Arblaster, *Calphad*, 1995, **19**, 357
- 8 R. G. Ross and W. Hume-Rothery, *J. Less Common Metals*, 1963, **5**, 258
- 9 R. H. Schröder, N. Schmitz-Pranghe and R. Kohlhaas, *Z. Metallkde.*, 1972, **63**, 12
- 10 J. Donohue, "The Structures of the Elements", John Wiley and Sons, New York, 1974
- 11 E. R. Cohen and B. N. Taylor, CODATA Bulletin No. 63, November 1986
- 12 E. A. Owen and J. Iball, *Philos. Mag.*, 1932, **13**, 1020
- 13 E. A. Owen and L. Yates, *Philos. Mag.*, 1933, **15**, 472
- 14 H. E. Swanson, R. K. Fuyat and G. M. Ugrinic, *Natl. Bur. Stand. Circ.*, 539, Vol. III, June 1954
- 15 E. Anderson and W. Hume-Rothery, *J. Less Common Metals*, 1960, **2**, 19
- 16 M. Černohorsky, *Acta Cryst.*, 1960, **13**, 823
- 17 R. R. Pawar, *Current Sci. (India)*, 1968, **37**, 224
- 18 H. P. Singh, *Acta Cryst.*, 1968, **A24**, 469
- 19 Commission on Atomic Weights and Isotopic Abundances, *Pure & Appl. Chem.*, 1996, **68**, 2339
- 20 H. L. Laquer, United States Atomic Energy Commission Rept. AEC-D-3076, 1952
- 21 W. H. Swanger, *J. Res. Natl. Bur. Stand.*, 1929, **3**, 1029
- 22 H. Holzmann, Sieberts Festschrift zum 50 Jahr Bestehen der Platinschmelze, 1931, 149
- 23 H. Ebert, *Phys. Z.*, 1938, **39**, 6
- 24 E. Raub, H. Beeskow and D. Menzel, *Z. Metallkde.*, 1959, **50**, 428
- 25 E. S. Bale, *Platinum Metals Rev.*, 1958, **2**, (2), 61
- 26 Y. S. Touloukian, R. K. Kirby, R. E. Taylor and P. D. Desai, "Thermal Expansion - Metallic Elements and Alloys", Thermophysical Properties of Matter, Vol. 12, eds. Y. S. Touloukian and C. Y. Ho, IFI/Plenum, New York, 1975
- 27 A. S. Darling, *Platinum Metals Rev.*, 1963, **7**, (4), 144
- 28 S. Valentiner and J. Wallot, *Ann. Phys. (Leipzig)*, 1915, **46**, 837
- 29 S. Yu. Glazov, *Teplofiz. Vys. Temp.*, 1988, **26**, 501 (*High Temp.*, 1988, **26**, 367)

Crystallographic Properties of Platinum

In the January 1997 issue of *Platinum Metals Review*, on page 18, in Figure 4, the percentage deviation of experimental thermal expansion data, the label on the vertical axis should have been $100[\alpha(\text{exp}) - \alpha(\text{cal})]/\alpha(\text{cal})$.