TABLE III

Activation Volumes for High Temperature Creep in Metals

Material	Structure	V_d (cm^3/mole)	V_d/Ω
Na	bcc	9.8[a]	.41
K	bcc	25.0[b]	.53
P	cubic	30.1[c+]	.44
		12.3[d]	
Pb	fcc	13.9[e]	.76
Al	fcc	13.5[f]	1.3
In	fct	12.0[+]	.76
Zn	hcp	5.95[g+]	.65
Cd	hcp	8.2[g+]	.63
Sn	tet.	5.12[h+]	.32

a A. L. Ruoff, unpublished results.

b C. R. Kohler and A. L. Ruoff, J. Appl. Phys. 36, 244 (1965).

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d K. L.DeVries, G. S. Baker and P. Gibbs, J. Appl. Phys. 34, 2254 (1963).

e B. M. Butcher and A. L. Ruoff, J. Appl. Phys. 32, 2036 (1961).

f See Reference 4.

g K. L. DeVries and P. Gibbs, J. Appl. Phys. 34, 3119 (1963).

h L. DeVries, G. S. Baker and P. Gibbs, J. Appl. Phys. 34, 2258 (1963).

+ Apparent Value.