Table 1

Transition	T (K)	W (nm)	d (nm)
	5000.	0.287E-01	-0.623E-02
	10000.	0.201E-01	-0.449E-02
$5s^1D-5p^1D^0$	20000.	0.140E-01	-0.324E-02
	30000.	0.114E-01	-0.266E-02
$<\lambda>=$ 349.89 nm	40000.	0.987E-02	-0.228E-02
	50000.	0.889E-02	-0.204E-02
	5000.	0.208E-01	-0.411E-02
	10000.	0.146E-01	-0.295E-02
$5s^1D-5p^1P^0$	20000.	0.102E-01	-0.213E-02
	30000.	0.824E-02	-0.174E-02
$<\lambda>=$ 269.91 nm	40000.	0.714E-02	-0.149E-02
	50000.	0.642E-02	-0.133E-02
	5000.	0.179E-01	-0.294E-02
	10000.	0.125E-01	-0.211E-02
$5s^1D-5p^1F^0$	20000.	0.875E-02	-0.152E-02
	30000.	0.709E-02	-0.124E-02
$<\lambda>=$ 266.51 nm	40000.	0.614E-02	-0.106E-02
	50000.	0.552E-02	-0.939E-03
	5000.	0.210E-01	-0.175E-02
	10000.	0.148E-01	-0.114E-02
$5p^1P^0-5d^1S$	20000.	0.106E-01	-0.611E-03
	30000.	0.892E-02	-0.268E-03
$<\lambda>=$ 194.43 nm	40000.	0.803E-02	-0.522E-07
	50000.	0.748E-02	0.219E-03
	5000.	0.255E-01	-0.335E-02
	10000.	0.178E-01	-0.233E-02
$5p^1P^0-5d^1P$	20000.	0.125E-01	-0.157E-02
	30000.	0.102E-01	-0.119E-02
$<\lambda>=$ 230.22 nm	40000.	0.901E-02	-0.913E-03
	50000.	0.824E-02	-0.647E-03
	5000.	0.232E-01	-0.227E-02
	10000.	0.163E-01	-0.153E-02
$5p^1P^0-5d^1D$	20000.	0.115E-01	-0.929E-03
	30000.	0.962E-02	-0.562E-03
$<\lambda>=$ 212.07 nm	40000.	0.858E-02	-0.279E-03
	50000.	0.794E-02	-0.329E-04
	5000.	0.323E-01	0.146E-01
	10000.	0.226E-01	0.106E-01
$5p^1P^0-6s^1D$	20000.	0.160E-01	0.761E-02
	30000.	0.135E-01	0.652E-02
$<\lambda>=$ 225.29 nm	40000.	0.123E-01	0.588E-02
	50000.	0.115E-01	0.547E-02

Table 1, continued

Transition	T (K)	W (nm)	d (nm)
	5000.	0.161E-01	-0.243E-02
	10000.	0.113E-01	-0.169E-02
$5p^1D^0 - 5d^1P$	20000.	0.789E-02	-0.114E-02
	30000.	0.649E-02	-0.864E-03
$< \lambda >= 192.66$ nm	40000.	0.572E-02	-0.666E-03
	50000.	0.525E-02	-0.478E-03
	5000.	0.151E-01	-0.171E-02
	10000.	0.106E-01	-0.115E-02
$5p^1D^0 - 5d^1D$	20000.	0.755E-02	-0.701E-03
	30000.	0.632E-02	-0.432E-03
$< \lambda >= 179.78$ nm	40000.	0.565E-02	-0.224E-03
	50000.	0.525E-02	-0.449E-04
	5000.	0.169E-01	-0.245E-02
	10000.	0.118E-01	-0.170E-02
$5p^1D^0 - 5d^1F$	20000.	0.830E-02	-0.114E-02
	30000.	0.682E-02	-0.862E-03
$< \lambda >= 200.26$ nm	40000.	0.601E-02	-0.661E-03
	50000.	0.551E-02	-0.457E-03
	5000.	0.211E-01	0.102E-01
	10000.	0.147E-01	0.742E-02
$5p^1D^0 - 6s^1D$	20000.	0.105E-01	0.533E-02
	30000.	0.889E-02	0.456E-02
$< \lambda >= 189.19$ nm	40000.	0.808E-02	0.412E-02
	50000.	0.762E-02	0.384E-02
	5000.	0.221E-01	-0.301E-02
	10000.	0.155E-01	-0.206E-02
$5p^1F^0 - 5d^1D$	20000.	0.110E-01	-0.131E-02
	30000.	0.920E-02	-0.873E-03
$< \lambda >= 214.22$ nm	40000.	0.822E-02	-0.545E-03
	50000.	0.763E-02	-0.267E-03
	5000.	0.259E-01	-0.440E-02
	10000.	0.181E-01	-0.308E-02
$5p^1F^0 - 5d^1F$	20000.	0.127E-01	-0.210E-02
	30000.	0.104E-01	-0.162E-02
$< \lambda >= 243.94$ nm	40000.	0.918E-02	-0.128E-02
	50000.	0.840E-02	-0.941E-03
	5000.	0.217E-01	-0.306E-02
	10000.	0.152E-01	-0.210E-02
$5p^1F^0 - 5d^1G$	20000.	0.108E-01	-0.135E-02
	30000.	0.900E-02	-0.906E-03
$< \lambda >= 208.16$ nm	40000.	0.804E-02	-0.602E-03
	50000.	0.745E-02	-0.323E-03
	5000.	0.312E-01	0.141E-01
	10000.	0.218E-01	0.103E-01
$5p^1F^0 - 6s^1D$	20000.	0.155E-01	0.737E-02
	30000.	0.131E-01	0.632E-02
$< \lambda >= 227.72$ nm	40000.	0.119E-01	0.571E-02
	50000.	0.112E-01	0.533E-02

Table 1, continued

Transition	T (K)	W (nm)	d (nm)
	5000.	0.143E-01	-0.148E-02
	10000.	0.100E-01	-0.106E-02
$5s^3D - 5p^3P^0$	20000.	0.698E-02	-0.759E-03
	30000.	0.566E-02	-0.619E-03
$< \lambda >= 243.74$ nm	40000.	0.489E-02	-0.524E-03
	50000.	0.439E-02	-0.454E-03
	5000.	0.160E-01	-0.283E-02
	10000.	0.112E-01	-0.203E-02
$5s^3D - 5p^3D^0$	20000.	0.783E-02	-0.146E-02
	30000.	0.634E-02	-0.120E-02
$< \lambda >= 265.72$ nm	40000.	0.548E-02	-0.103E-02
	50000.	0.492E-02	-0.904E-03
	5000.	0.162E-01	-0.269E-02
	10000.	0.114E-01	-0.193E-02
$5s^3D - 5p^3F^0$	20000.	0.792E-02	-0.139E-02
	30000.	0.641E-02	-0.114E-02
$< \lambda >= 266.12$ nm	40000.	0.554E-02	-0.977E-03
	50000.	0.497E-02	-0.859E-03
	5000.	0.208E-01	-0.407E-02
	10000.	0.146E-01	-0.285E-02
$5p^3P^0 - 5d^3S$	20000.	0.102E-01	-0.196E-02
	30000.	0.840E-02	-0.151E-02
$< \lambda >= 213.25$ nm	40000.	0.741E-02	-0.120E-02
	50000.	0.679E-02	-0.919E-03
	5000.	0.196E-01	-0.309E-02
	10000.	0.137E-01	-0.213E-02
$5p^3P^0 - 5d^3P$	20000.	0.974E-02	-0.139E-02
	30000.	0.812E-02	-0.981E-03
$< \lambda >= 200.62$ nm	40000.	0.724E-02	-0.660E-03
	50000.	0.670E-02	-0.403E-03
	5000.	0.205E-01	-0.482E-02
	10000.	0.143E-01	-0.341E-02
$5p^3P^0 - 5d^3D$	20000.	0.100E-01	-0.239E-02
	30000.	0.817E-02	-0.191E-02
$< \lambda >= 225.73$ nm	40000.	0.715E-02	-0.158E-02
	50000.	0.652E-02	-0.133E-02
	5000.	0.283E-01	0.122E-01
	10000.	0.198E-01	0.889E-02
$5p^3P^0 - 6s^3D$	20000.	0.140E-01	0.637E-02
	30000.	0.117E-01	0.543E-02
$< \lambda >= 221.66$ nm	40000.	0.106E-01	0.493E-02
	50000.	0.994E-02	0.456E-02
	5000.	0.168E-01	-0.212E-02
	10000.	0.118E-01	-0.144E-02
$5p^3D^0 - 5d^3P$	20000.	0.833E-02	-0.913E-03
	30000.	0.695E-02	-0.606E-03
$< \lambda >= 187.83$ nm	40000.	0.621E-02	-0.357E-03
	50000.	0.575E-02	-0.156E-03

Table 1, continued

Transition	T (K)	W (nm)	d (nm)
	5000.	0.171E-01	-0.343E-02
	10000.	0.120E-01	-0.241E-02
$5p^3D^0 - 5d^3D$	20000.	0.837E-02	-0.168E-02
	30000.	0.684E-02	-0.133E-02
$< \lambda >= 209.66$ nm	40000.	0.599E-02	-0.109E-02
	50000.	0.546E-02	-0.898E-03
	5000.	0.180E-01	-0.227E-02
	10000.	0.126E-01	-0.155E-02
$5p^3D^0 - 5p^3F$	20000.	0.892E-02	-0.991E-03
	30000.	0.742E-02	-0.680E-03
$< \lambda >= 195.30$ nm	40000.	0.661E-02	-0.413E-03
	50000.	0.610E-02	-0.198E-03
	5000.	0.239E-01	0.113E-01
	10000.	0.167E-01	0.820E-02
$5p^3D^0 - 6s^3D$	20000.	0.118E-01	0.588E-02
	30000.	0.995E-02	0.500E-02
$< \lambda >= 206.14$ nm	40000.	0.900E-02	0.453E-02
	50000.	0.844E-02	0.418E-02
	5000.	0.172E-01	-0.351E-02
	10000.	0.120E-01	-0.248E-02
$5p^3F^0 - 5d^3D$	20000.	0.840E-02	-0.172E-02
	30000.	0.686E-02	-0.136E-02
$< \lambda >= 209.42$ nm	40000.	0.601E-02	-0.112E-02
	50000.	0.547E-02	-0.927E-03
	5000.	0.240E-01	0.112E-01
	10000.	0.167E-01	0.811E-02
$5p^3F^0 - 6s^3D$	20000.	0.119E-01	0.582E-02
	30000.	0.996E-02	0.495E-02
$< \lambda >= 205.91$ nm	40000.	0.900E-02	0.449E-02
	50000.	0.845E-02	0.414E-02
	5000.	0.185E-01	-0.281E-02
	10000.	0.129E-01	-0.195E-02
$5p^3F^0 - 5d^3G$	20000.	0.908E-02	-0.131E-02
	30000.	0.748E-02	-0.976E-03
$< \lambda >= 205.24$ nm	40000.	0.661E-02	-0.734E-03
	50000.	0.606E-02	-0.489E-03
	5000.	0.181E-01	-0.234E-02
	10000.	0.127E-01	-0.160E-02
$5p^3F^0 - 5d^3F$	20000.	0.894E-02	-0.103E-02
	30000.	0.744E-02	-0.713E-03
$< \lambda >= 195.09$ nm	40000.	0.662E-02	-0.443E-03
	50000.	0.611E-02	-0.224E-03

Table 2

Transition	T (K)	W (nm)
	5000.	0.765E-02
Zr II	10000.	0.537E-02
$4d5s5pv^2D^o_{3/2}-4d^25sa^2D_{3/2}$	20000.	0.387E-02
	30000.	0.333E-02
λ = 193.85 nm	40000.	0.307E-02
	50000.	0.294E-02
	5000.	0.122E-01
Zr II	10000.	0.859E-02
$4d5s5pv^2F^o_{5/2}-4d^25sb^2G_{7/2}$	20000.	0.626E-02
	30000.	0.546E-02
λ = 232.47 nm	40000.	0.508E-02
	50000.	0.491E-02
	5000.	0.448E-02
Zr III	10000.	0.314E-02
$4d^{2\,3}P_1$ – $4d5p^3P^0_0$	20000.	0.218E-02
	30000.	0.176E-02
λ = 193.725 nm	40000.	0.152E-02
	50000.	0.136E-02
	5000.	0.459E-02
Zr III	10000.	0.321E-02
$4d^{2\,1}G_4$ – $4d5p^1F^0_3$	20000.	0.224E-02
	30000.	0.181E-02
λ = 194.023 nm	40000.	0.156E-02
	50000.	0.140E-02
	5000.	0.474E-02
Zr III	10000.	0.332E-02
$4d^{2\,3}P_2$ – $4d5p^3P^0_2$	20000.	0.231E-02
	30000.	0.187E-02
λ = 194.105 nm	40000.	0.161E-02
	50000.	0.144E-02
	5000.	0.452E-02
Zr III	10000.	0.317E-02
$4d^{2\,3}P_1$ – $4d5p^3P^0_1$	20000.	0.221E-02
	30000.	0.178E-02
λ = 194.657 nm	40000.	0.154E-02
	50000.	0.138E-02