Transition	T (K)	w (nm)
$5s^4P_{1/2}-5p^4S^0_{3/2}$	5000.	.451E-01
	10000.	.312E-01
	20000.	.218E-01
$\lambda = 414.63$ nm	30000.	.182E-01
	40000.	.166E-01
	50000.	.157E-01
$5s^4P_{3/2}-5p^4S^0_{3/2}$	5000.	.346E-01
	10000.	.240E-01
	20000.	.168E-01
$\lambda = 375.42$ nm	30000.	.140E-01
	40000.	.126E-01
	50000.	.120E-01
$5s^4P_{5/2}-5p^4S^0_{3/2}$	5000.	.293E-01
	10000.	.203E-01
	20000.	.142E-01
$\lambda = 346.01$ nm	30000.	.118E-01
	40000.	.107E-01
	50000.	.101E-01
$5s^4P_{1/2}-5p^4P^0_{1/2}$	5000.	.802E-01
	10000.	.556E-01
	20000.	.387E-01
$\lambda = 549.95$ nm	30000.	.321E-01
	40000.	.288E-01
	50000.	.272E-01
$5s^4P_{1/2}-5p^4P^0_{3/2}$	5000.	.924E-01
	10000.	.640E-01
	20000.	.446E-01
$\lambda = 599.22$ nm	30000.	.370E-01
	40000.	.333E-01
	50000.	.315E-01
$5s^4P_{3/2}-5p^4P^0_{1/2}$	5000.	.580E-01
	10000.	.402E-01
	20000.	.280E-01
$\lambda = 483.21$ nm	30000.	.231E-01
	40000.	.207E-01
	50000.	.195E-01
$5s^4P_{3/2}-5p^4P^0_{3/2}$	5000.	.653E-01
	10000.	.452E-01
	20000.	.315E-01
$\lambda = 520.83$ nm	30000.	.260E-01
	40000.	.234E-01
	50000.	.220E-01
$5s^4P_{3/2}-5p^4P^0_{5/2}$	5000.	.678E-01
	10000.	.470E-01
	20000.	.327E-01
$\lambda = 530.87$ nm	30000.	.270E-01
	40000.	.241E-01
	50000.	.226E-01

Table 1. (continued)

Transition	T (K)	w (nm)
$5s^4P_{5/2} - 5p^4P^0_{3/2}$ $\lambda = 465.89$ nm	5000.	.521E-01
	10000.	.361E-01
	20000.	.251E-01
	30000.	.207E-01
	40000.	.186E-01
	50000.	.175E-01
$5s^4P_{5/2} - 5p^4P^0_{5/2}$ $\lambda = 473.90$ nm	5000.	.539E-01
	10000.	.374E-01
	20000.	.260E-01
	30000.	.214E-01
	40000.	.191E-01
	50000.	.179E-01
$5s^4P_{1/2} - 5p^4D^0_{1/2}$ $\lambda = 443.17$ nm	5000.	.504E-01
	10000.	.349E-01
	20000.	.244E-01
	30000.	.202E-01
	40000.	.183E-01
	50000.	.173E-01
$5s^4P_{1/2} - 5p^4D^0_{3/2}$ $\lambda = 481.18$ nm	5000.	.574E-01
	10000.	.397E-01
	20000.	.277E-01
	30000.	.229E-01
	40000.	.207E-01
	50000.	.196E-01
$5s^4P_{3/2} - 5p^4D^0_{1/2}$ $\lambda = 398.79$ nm	5000.	.382E-01
	10000.	.265E-01
	20000.	.184E-01
	30000.	.153E-01
	40000.	.137E-01
	50000.	.130E-01
$5s^4P_{3/2} - 5p^4D^0_{3/2}$ $\lambda = 429.29$ nm	5000.	.426E-01
	10000.	.295E-01
	20000.	.205E-01
	30000.	.170E-01
	40000.	.152E-01
	50000.	.144E-01
$5s^4P_{3/2} - 5p^4D^0_{5/2}$ $\lambda = 476.54$ nm	5000.	.568E-01
	10000.	.394E-01
	20000.	.274E-01
	30000.	.226E-01
	40000.	.202E-01
	50000.	.191E-01
$5s^4P_{5/2} - 5p^4D^0_{3/2}$ $\lambda = 391.26$ nm	5000.	.353E-01
	10000.	.245E-01
	20000.	.170E-01
	30000.	.140E-01
	40000.	.126E-01
	50000.	.119E-01

Table 1. (continued)

Transition	T (K)	w (nm)
$5s^4P_{5/2} - 5p^4D^0_{5/2}$	5000.	.462E-01
	10000.	.320E-01
	20000.	.223E-01
$\lambda = 430.15$ nm	30000.	.184E-01
	40000.	.164E-01
	50000.	.154E-01
$5s^4P_{5/2} - 5p^4D^0_{7/2}$	5000.	.451E-01
	10000.	.312E-01
	20000.	.217E-01
$\lambda = 435.55$ nm	30000.	.179E-01
	40000.	.159E-01
	50000.	.150E-01
$5s^2P_{1/2} - 5p^2S^0_{1/2}$	5000.	.602E-01
	10000.	.417E-01
	20000.	.291E-01
$\lambda = 468.04$ nm	30000.	.242E-01
	40000.	.220E-01
	50000.	.209E-01
$5s^2P_{3/2} - 5p^2S^0_{1/2}$	5000.	.426E-01
	10000.	.295E-01
	20000.	.205E-01
$\lambda = 418.51$ nm	30000.	.170E-01
	40000.	.154E-01
	50000.	.146E-01
$5s^2P_{1/2} - 5p^2P^0_{1/2}$	5000.	.841E-01
	10000.	.582E-01
	20000.	.406E-01
$\lambda = 552.35$ nm	30000.	.338E-01
	40000.	.306E-01
	50000.	.291E-01
$5s^2P_{1/2} - 5p^2P^0_{3/2}$	5000.	.719E-01
	10000.	.498E-01
	20000.	.347E-01
$\lambda = 522.51$ nm	30000.	.289E-01
	40000.	.261E-01
	50000.	.249E-01
$5s^2P_{3/2} - 5p^2P^0_{1/2}$	5000.	.572E-01
	10000.	.396E-01
	20000.	.276E-01
$\lambda = 484.66$ nm	30000.	.229E-01
	40000.	.206E-01
	50000.	.195E-01

Table 1. (continued)

Transition	T (K)	w (nm)
$5s^2P_{3/2} - 5p^2P^0_{3/2}$	5000.	.493E-01
	10000.	.341E-01
	20000.	.237E-01
$\lambda = 461.53$ nm	30000.	.197E-01
	40000.	.177E-01
	50000.	.168E-01
$5s^2P_{1/2} - 5p^2D^0_{3/2}$	5000.	.525E-01
	10000.	.363E-01
	20000.	.253E-01
$\lambda = 476.24$ nm	30000.	.211E-01
	40000.	.192E-01
	50000.	.183E-01
$5s^2P_{3/2} - 5p^2D^0_{3/2}$	5000.	.361E-01
	10000.	.249E-01
	20000.	.174E-01
$\lambda = 425.06$ nm	30000.	.144E-01
	40000.	.130E-01
	50000.	.124E-01
$5s^2P_{3/2} - 5p^2D^0_{5/2}$	5000.	.489E-01
	10000.	.338E-01
	20000.	.235E-01
$\lambda = 461.91$ nm	30000.	.195E-01
	40000.	.175E-01
	50000.	.166E-01
$5s'^2D_{3/2} - 5p'^2P^0_{1/2}$	5000.	.398E-01
	10000.	.276E-01
	20000.	.194E-01
$\lambda = 405.70$ nm	30000.	.161E-01
	40000.	.145E-01
	50000.	.137E-01
$5s'^2D_{3/2} - 5p'^2P^0_{3/2}$	5000.	.513E-01
	10000.	.367E-01
	20000.	.270E-01
$\lambda = 442.27$ nm	30000.	.230E-01
	40000.	.209E-01
	50000.	.198E-01
$5s'^2D_{5/2} - 5p'^2P^0_{3/2}$	5000.	.529E-01
	10000.	.379E-01
	20000.	.279E-01
$\lambda = 447.50$ nm	30000.	.237E-01
	40000.	.216E-01
	50000.	.204E-01

Table 1. (continued)

Transition	T (K)	w (nm)
$5s'^2D_{3/2} - 5p'^2D^0_{3/2}$ $\lambda = 406.51$ nm	5000.	.399E-01
	10000.	.277E-01
	20000.	.193E-01
	30000.	.159E-01
	40000.	.143E-01
	50000.	.134E-01
$5s'^2D_{3/2} - 5p'^2D^0_{5/2}$ $\lambda = 404.47$ nm	5000.	.390E-01
	10000.	.271E-01
	20000.	.188E-01
	30000.	.155E-01
	40000.	.139E-01
	50000.	.131E-01
$5s'^2D_{5/2} - 5p'^2D^0_{3/2}$ $\lambda = 410.92$ nm	5000.	.411E-01
	10000.	.285E-01
	20000.	.199E-01
	30000.	.164E-01
	40000.	.147E-01
	50000.	.138E-01
$5s'^2D_{5/2} - 5p'^2D^0_{5/2}$ $\lambda = 408.83$ nm	5000.	.402E-01
	10000.	.278E-01
	20000.	.194E-01
	30000.	.160E-01
	40000.	.143E-01
	50000.	.135E-01
$5s'^2D_{3/2} - 5p'^2F^0_{5/2}$ $\lambda = 463.39$ nm	5000.	.604E-01
	10000.	.454E-01
	20000.	.349E-01
	30000.	.296E-01
	40000.	.262E-01
	50000.	.296E-01
$5s'^2D_{5/2} - 5p'^2F^0_{5/2}$ $\lambda = 469.13$ nm	5000.	.623E-01
	10000.	.468E-01
	20000.	.359E-01
	30000.	.305E-01
	40000.	.270E-01
	50000.	.268E-01
$5s'^2D_{5/2} - 5p'^2F^0_{7/2}$ $\lambda = 457.72$ nm	5000.	.526E-01
	10000.	.365E-01
	20000.	.254E-01
	30000.	.209E-01
	40000.	.187E-01
	50000.	.175E-01