

KERNFORSCHUNGSZENTRUM

KARLSRUHE

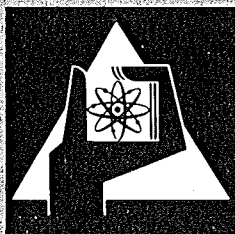
September 1973

KFK 1872

Institut für Neutronenphysik und Reaktortechnik

**Tabellen zur Teilstrahlungs-Pyrometrie nicht-schwarzer
Körper bei 650 nm Wellenlänge**

H.-U. Karow



**GESELLSCHAFT
FÜR
KERNFORSCHUNG M.B.H.**

KARLSRUHE

Als Manuskript vervielfältigt

Für diesen Bericht behalten wir uns alle Rechte vor

GESELLSCHAFT FÜR KERNFORSCHUNG M. B. H.
KARLSRUHE

KERNFORSCHUNGSZENTRUM KARLSRUHE

KFK 1872

Institut für Neutronenphysik und Reaktortechnik

Tabellen zur Teilstrahlungs-Pyrometrie nicht-schwarzer
Körper bei 650 nm Wellenlänge.

H.-U. Karow

Gesellschaft für Kernforschung mbH., Karlsruhe

Kurzfassung

Der Bericht enthält Tabellen für die spektrale Strahldichte des schwarzen Strahlers bei 650 nm Wellenlänge, tabelliert im Bereich 600...3600 C mit 1 C Schrittweite.

Die Tabelle dient hauptsächlich zur schnellen Ermittlung der wahren Temperatur eines Körpers aus seiner durch Rotlichtfilter gemessenen schwarzen Teilstrahlungstemperatur bei bekanntem Emissionsgrad des betreffenden Körpers.

Tables for Use in Pyrometry of Non-Black Bodies at
650 nm Wavelength

Abstract

This report contains tables for the spectral radiation density of the black body at 650 nm wavelength, listed in the range 600...3600 C with 1 C steps.

The tables will primarily be used for quick evaluation of the true temperature of a body from his black temperature, measured through a red filter. The emissivity of the body must be known.

Erläuterungen

Die pyrometrische Temperaturmessung erfolgt i.a. über die relative Messung der "schwarzen Teilstrahlung" des betreffenden Körpers in einem quasi-monochromatischen Spektralbereich der "wirksamen Wellenlänge" λ /1, 2/. Zur Eingrenzung dieses Wellenlängenbereichs wird meistens ein Rotlichtfilter (z.B. Schott RG2, Corning G24) mit der wirksamen Wellenlänge $\lambda \approx 650$ nm verwendet.

Den allgemeinen Zusammenhang zwischen der gemessenen schwarzen Teilstrahlungstemperatur T_S^λ und der gesuchten wahren Temperatur T_W des Strahlers gibt das Kirchhoff'sche Gesetz:

$$(1) \quad L_S^\lambda (T_S^\lambda) = \varepsilon_\lambda \cdot L_S^\lambda (T_W)$$

= spektrale Strahldichte im Wellenlängenbereich um λ

ε_λ = spektrales Emissionsvermögen.

Mit dem Planck'schen Strahlungsgesetz

$$(2) \quad L_S^\lambda (T) = \frac{2 \cdot 5,953 \cdot 10^{-17} \text{ W} \cdot \text{m}^2}{\lambda^5} \cdot \frac{1}{\text{sr} \cdot \exp(a/\lambda T) - 1}$$

$a = c_0 \cdot h/k$
 $= 0,01438 \text{ mK}$

ergibt sich die wahre Temperatur T_W dann implizit aus:

$$(3) \quad \ln \varepsilon_\lambda = \ln \frac{\exp(a/\lambda T_W) - 1}{\exp(a/\lambda T_S^\lambda) - 1} \approx \frac{a}{\lambda} \left(\frac{1}{T_W} - \frac{1}{T_S^\lambda} \right)$$

Zur schnellen und genauen Ermittlung der wahren Temperatur T_W aus der gemessenen Teilstrahlungstemperatur T_S^λ erweist sich die obige Gleichung (3) aber als unpraktisch, falls nicht ein entsprechend programmierter Kleinrechner zur Verfügung steht. Deshalb wurde die nachstehende Tabelle errechnet. Sie enthält (in der 3. Spalte) die (unpolarisierte) spektrale Strahldichte $L_S^{650nm}(T)$ eines schwarzen Strahlers bei 650 nm gemäß dem Planck'schen Gesetz (2) in $\text{Watt/cm}^2 \cdot \text{nm} \cdot \text{sr}$. Die beiden ersten Spalten geben die zugehörige Temperatur in C und K an. Der Temperaturbereich ist 600...3600 C.

Zur Bestimmung der gesuchten wahren Temperatur eines Körpers verfährt man nach folgender

Anleitung zur Benutzung der Tabellen:

Man sucht in den beiden ersten Spalten die durch Rotlichtfilter gemessene schwarze Temperatur des Körpers auf, dividiert die zugehörige Teilstrahlungsdichte der 3. Spalte durch den Emissionsgrad $\epsilon(650 \text{ nm})$ des Körpers und liest die zu dieser Strahlungsdichte gehörende wahre Temperatur T_W wieder aus der Tabelle ab.

Literatur:

- /1/ F. KOHLRAUSCH: Praktische Physik, Stuttgart 1968.
- /2/ J. EULER, R. LUDWIG: Arbeitsmethoden der optischen Pyrometrie, Karlsruhe 1960.

T= 600 C	TA= 873.15 K	L= 1.01728E-09	Watt/cm ² ·nm·sr
T= 601	TA= 874.15	L= 1.04720E-09	
T= 602	TA= 875.15	L= 1.07793E-09	
T= 603	TA= 876.15	L= 1.10948E-09	
T= 604	TA= 877.15	L= 1.14189E-09	
T= 605	TA= 878.15	L= 1.17516E-09	
T= 606	TA= 879.15	L= 1.20931E-09	
T= 607	TA= 880.15	L= 1.24439E-09	
T= 608	TA= 881.15	L= 1.28040E-09	
T= 609	TA= 882.15	L= 1.31737E-09	
T= 610	TA= 883.15	L= 1.35531E-09	
T= 611	TA= 884.15	L= 1.39426E-09	
T= 612	TA= 885.15	L= 1.43424E-09	
T= 613	TA= 886.15	L= 1.47527E-09	
T= 614	TA= 887.15	L= 1.51737E-09	
T= 615	TA= 888.15	L= 1.56058E-09	
T= 616	TA= 889.15	L= 1.60492E-09	
T= 617	TA= 890.15	L= 1.65041E-09	
T= 618	TA= 891.15	L= 1.69708E-09	
T= 619	TA= 892.15	L= 1.74497E-09	
T= 620	TA= 893.15	L= 1.79410E-09	
T= 621	TA= 894.15	L= 1.84450E-09	
T= 622	TA= 895.15	L= 1.89619E-09	
T= 623	TA= 896.15	L= 1.94921E-09	
T= 624	TA= 897.15	L= 2.00358E-09	
T= 625	TA= 898.15	L= 2.05936E-09	
T= 626	TA= 899.15	L= 2.11655E-09	
T= 627	TA= 900.15	L= 2.17520E-09	
T= 628	TA= 901.15	L= 2.23535E-09	
T= 629	TA= 902.15	L= 2.29701E-09	
T= 630	TA= 903.15	L= 2.36023E-09	
T= 631	TA= 904.15	L= 2.42505E-09	
T= 632	TA= 905.15	L= 2.49151E-09	
T= 633	TA= 906.15	L= 2.55962E-09	
T= 634	TA= 907.15	L= 2.62944E-09	
T= 635	TA= 908.15	L= 2.70101E-09	
T= 636	TA= 909.15	L= 2.77436E-09	
T= 637	TA= 910.15	L= 2.84954E-09	
T= 638	TA= 911.15	L= 2.92658E-09	
T= 639	TA= 912.15	L= 3.00553E-09	
T= 640	TA= 913.15	L= 3.08642E-09	
T= 641	TA= 914.15	L= 3.16932E-09	
T= 642	TA= 915.15	L= 3.25426E-09	
T= 643	TA= 916.15	L= 3.34126E-09	
T= 644	TA= 917.15	L= 3.43040E-09	
T= 645	TA= 918.15	L= 3.52172E-09	
T= 646	TA= 919.15	L= 3.61526E-09	
T= 647	TA= 920.15	L= 3.71107E-09	
T= 648	TA= 921.15	L= 3.80921E-09	
T= 649	TA= 922.15	L= 3.90973E-09	

T= 650	TA= 923.15	L= 4.01266E-09
T= 651	TA= 924.15	L= 4.11808E-09
T= 652	TA= 925.15	L= 4.22601E-09
T= 653	TA= 926.15	L= 4.33656E-09
T= 654	TA= 927.15	L= 4.44974E-09
T= 655	TA= 928.15	L= 4.56561E-09
T= 656	TA= 929.15	L= 4.68427E-09
T= 657	TA= 930.15	L= 4.80572E-09
T= 658	TA= 931.15	L= 4.93005E-09
T= 659	TA= 932.15	L= 5.05733E-09
T= 660	TA= 933.15	L= 5.18759E-09
T= 661	TA= 934.15	L= 5.32093E-09
T= 662	TA= 935.15	L= 5.45741E-09
T= 663	TA= 936.15	L= 5.59709E-09
T= 664	TA= 937.15	L= 5.74001E-09
T= 665	TA= 938.15	L= 5.88627E-09
T= 666	TA= 939.15	L= 6.03594E-09
T= 667	TA= 940.15	L= 6.18912E-09
T= 668	TA= 941.15	L= 6.34578E-09
T= 669	TA= 942.15	L= 6.50610E-09
T= 670	TA= 943.15	L= 6.67012E-09
T= 671	TA= 944.15	L= 6.83791E-09
T= 672	TA= 945.15	L= 7.00959E-09
T= 673	TA= 946.15	L= 7.18512E-09
T= 674	TA= 947.15	L= 7.36470E-09
T= 675	TA= 948.15	L= 7.54841E-09
T= 676	TA= 949.15	L= 7.73625E-09
T= 677	TA= 950.15	L= 7.92838E-09
T= 678	TA= 951.15	L= 8.12486E-09
T= 679	TA= 952.15	L= 8.32581E-09
T= 680	TA= 953.15	L= 8.53123E-09
T= 681	TA= 954.15	L= 8.74131E-09
T= 682	TA= 955.15	L= 8.95614E-09
T= 683	TA= 956.15	L= 9.17571E-09
T= 684	TA= 957.15	L= 9.40021E-09
T= 685	TA= 958.15	L= 9.62975E-09
T= 686	TA= 959.15	L= 9.86437E-09
T= 687	TA= 960.15	L= 1.01042E-08
T= 688	TA= 961.15	L= 1.03494E-08
T= 689	TA= 962.15	L= 1.05999E-08
T= 690	TA= 963.15	L= 1.08560E-08
T= 691	TA= 964.15	L= 1.11177E-08
T= 692	TA= 965.15	L= 1.13853E-08
T= 693	TA= 966.15	L= 1.16586E-08
T= 694	TA= 967.15	L= 1.19379E-08
T= 695	TA= 968.15	L= 1.22233E-08
T= 696	TA= 969.15	L= 1.25149E-08
T= 697	TA= 970.15	L= 1.28129E-08
T= 698	TA= 971.15	L= 1.31174E-08
T= 699	TA= 972.15	L= 1.34284E-08

T= 700	TA= 973.15	L= 1.37461E-08
T= 701	TA= 974.15	L= 1.40706E-08
T= 702	TA= 975.15	L= 1.44021E-08
T= 703	TA= 976.15	L= 1.47408E-08
T= 704	TA= 977.15	L= 1.50867E-08
T= 705	TA= 978.15	L= 1.54400E-08
T= 706	TA= 979.15	L= 1.58008E-08
T= 707	TA= 980.15	L= 1.61692E-08
T= 708	TA= 981.15	L= 1.65455E-08
T= 709	TA= 982.15	L= 1.69297E-08
T= 710	TA= 983.15	L= 1.73220E-08
T= 711	TA= 984.15	L= 1.77227E-08
T= 712	TA= 985.15	L= 1.81318E-08
T= 713	TA= 986.15	L= 1.85494E-08
T= 714	TA= 987.15	L= 1.89758E-08
T= 715	TA= 988.15	L= 1.94110E-08
T= 716	TA= 989.15	L= 1.98555E-08
T= 717	TA= 990.15	L= 2.03091E-08
T= 718	TA= 991.15	L= 2.07720E-08
T= 719	TA= 992.15	L= 2.12447E-08
T= 720	TA= 993.15	L= 2.17271E-08
T= 721	TA= 994.15	L= 2.22193E-08
T= 722	TA= 995.15	L= 2.27219E-08
T= 723	TA= 996.15	L= 2.32346E-08
T= 724	TA= 997.15	L= 2.37578E-08
T= 725	TA= 998.15	L= 2.42919E-08
T= 726	TA= 999.15	L= 2.48368E-08
T= 727	TA= 1000.15	L= 2.53927E-08
T= 728	TA= 1001.15	L= 2.59600E-08
T= 729	TA= 1002.15	L= 2.65389E-08
T= 730	TA= 1003.15	L= 2.71294E-08
T= 731	TA= 1004.15	L= 2.77318E-08
T= 732	TA= 1005.15	L= 2.83463E-08
T= 733	TA= 1006.15	L= 2.89732E-08
T= 734	TA= 1007.15	L= 2.96127E-08
T= 735	TA= 1008.15	L= 3.02650E-08
T= 736	TA= 1009.15	L= 3.09303E-08
T= 737	TA= 1010.15	L= 3.16089E-08
T= 738	TA= 1011.15	L= 3.23009E-08
T= 739	TA= 1012.15	L= 3.30068E-08
T= 740	TA= 1013.15	L= 3.37267E-08
T= 741	TA= 1014.15	L= 3.44608E-08
T= 742	TA= 1015.15	L= 3.52092E-08
T= 743	TA= 1016.15	L= 3.59725E-08
T= 744	TA= 1017.15	L= 3.67508E-08
T= 745	TA= 1018.15	L= 3.75443E-08
T= 746	TA= 1019.15	L= 3.83533E-08
T= 747	TA= 1020.15	L= 3.91783E-08
T= 748	TA= 1021.15	L= 4.00191E-08
T= 749	TA= 1022.15	L= 4.08764E-08

T= 750	TA= 1023.15	L= 4.17504E-08
T= 751	TA= 1024.15	L= 4.26411E-08
T= 752	TA= 1025.15	L= 4.35491E-08
T= 753	TA= 1026.15	L= 4.44748E-08
T= 754	TA= 1027.15	L= 4.54181E-08
T= 755	TA= 1028.15	L= 4.63797E-08
T= 756	TA= 1029.15	L= 4.73595E-08
T= 757	TA= 1030.15	L= 4.83582E-08
T= 758	TA= 1031.15	L= 4.93759E-08
T= 759	TA= 1032.15	L= 5.04130E-08
T= 760	TA= 1033.15	L= 5.14698E-08
T= 761	TA= 1034.15	L= 5.25466E-08
T= 762	TA= 1035.15	L= 5.36439E-08
T= 763	TA= 1036.15	L= 5.47619E-08
T= 764	TA= 1037.15	L= 5.59009E-08
T= 765	TA= 1038.15	L= 5.70614E-08
T= 766	TA= 1039.15	L= 5.82435E-08
T= 767	TA= 1040.15	L= 5.94479E-08
T= 768	TA= 1041.15	L= 6.06749E-08
T= 769	TA= 1042.15	L= 6.19247E-08
T= 770	TA= 1043.15	L= 6.31979E-08
T= 771	TA= 1044.15	L= 6.44945E-08
T= 772	TA= 1045.15	L= 6.58152E-08
T= 773	TA= 1046.15	L= 6.71607E-08
T= 774	TA= 1047.15	L= 6.85309E-08
T= 775	TA= 1048.15	L= 6.99259E-08
T= 776	TA= 1049.15	L= 7.13470E-08
T= 777	TA= 1050.15	L= 7.27941E-08
T= 778	TA= 1051.15	L= 7.42678E-08
T= 779	TA= 1052.15	L= 7.57681E-08
T= 780	TA= 1053.15	L= 7.72961E-08
T= 781	TA= 1054.15	L= 7.88520E-08
T= 782	TA= 1055.15	L= 8.04360E-08
T= 783	TA= 1056.15	L= 8.20488E-08
T= 784	TA= 1057.15	L= 8.36910E-08
T= 785	TA= 1058.15	L= 8.53626E-08
T= 786	TA= 1059.15	L= 8.70645E-08
T= 787	TA= 1060.15	L= 8.87965E-08
T= 788	TA= 1061.15	L= 9.05602E-08
T= 789	TA= 1062.15	L= 9.23552E-08
T= 790	TA= 1063.15	L= 9.41826E-08
T= 791	TA= 1064.15	L= 9.60423E-08
T= 792	TA= 1065.15	L= 9.79351E-08
T= 793	TA= 1066.15	L= 9.98618E-08
T= 794	TA= 1067.15	L= 1.01823E-07
T= 795	TA= 1068.15	L= 1.03818E-07
T= 796	TA= 1069.15	L= 1.05849E-07
T= 797	TA= 1070.15	L= 1.07915E-07
T= 798	TA= 1071.15	L= 1.10019E-07
T= 799	TA= 1072.15	L= 1.12158E-07

T= 800	TA= 1073.15	L= 1.14336E-07
T= 801	TA= 1074.15	L= 1.16551E-07
T= 802	TA= 1075.15	L= 1.18806E-07
T= 803	TA= 1076.15	L= 1.21099E-07
T= 804	TA= 1077.15	L= 1.23432E-07
T= 805	TA= 1078.15	L= 1.25806E-07
T= 806	TA= 1079.15	L= 1.28222E-07
T= 807	TA= 1080.15	L= 1.30678E-07
T= 808	TA= 1081.15	L= 1.33177E-07
T= 809	TA= 1082.15	L= 1.35720E-07
T= 810	TA= 1083.15	L= 1.38306E-07
T= 811	TA= 1084.15	L= 1.40936E-07
T= 812	TA= 1085.15	L= 1.43611E-07
T= 813	TA= 1086.15	L= 1.46332E-07
T= 814	TA= 1087.15	L= 1.49100E-07
T= 815	TA= 1088.15	L= 1.51914E-07
T= 816	TA= 1089.15	L= 1.54776E-07
T= 817	TA= 1090.15	L= 1.57688E-07
T= 818	TA= 1091.15	L= 1.60648E-07
T= 819	TA= 1092.15	L= 1.63658E-07
T= 820	TA= 1093.15	L= 1.66719E-07
T= 821	TA= 1094.15	L= 1.69831E-07
T= 822	TA= 1095.15	L= 1.72996E-07
T= 823	TA= 1096.15	L= 1.76213E-07
T= 824	TA= 1097.15	L= 1.79485E-07
T= 825	TA= 1098.15	L= 1.82811E-07
T= 826	TA= 1099.15	L= 1.86193E-07
T= 827	TA= 1100.15	L= 1.89630E-07
T= 828	TA= 1101.15	L= 1.93126E-07
T= 829	TA= 1102.15	L= 1.96678E-07
T= 830	TA= 1103.15	L= 2.00289E-07
T= 831	TA= 1104.15	L= 2.03961E-07
T= 832	TA= 1105.15	L= 2.07692E-07
T= 833	TA= 1106.15	L= 2.11485E-07
T= 834	TA= 1107.15	L= 2.15340E-07
T= 835	TA= 1108.15	L= 2.19259E-07
T= 836	TA= 1109.15	L= 2.23240E-07
T= 837	TA= 1110.15	L= 2.27287E-07
T= 838	TA= 1111.15	L= 2.31401E-07
T= 839	TA= 1112.15	L= 2.35580E-07
T= 840	TA= 1113.15	L= 2.39828E-07
T= 841	TA= 1114.15	L= 2.44145E-07
T= 842	TA= 1115.15	L= 2.48531E-07
T= 843	TA= 1116.15	L= 2.52987E-07
T= 844	TA= 1117.15	L= 2.57516E-07
T= 845	TA= 1118.15	L= 2.62118E-07
T= 846	TA= 1119.15	L= 2.66794E-07
T= 847	TA= 1120.15	L= 2.71543E-07
T= 848	TA= 1121.15	L= 2.76370E-07
T= 849	TA= 1122.15	L= 2.81271E-07

T= 850	TA= 1123.15	L= 2.86253E-07
T= 851	TA= 1124.15	L= 2.91313E-07
T= 852	TA= 1125.15	L= 2.96453E-07
T= 853	TA= 1126.15	L= 3.01674E-07
T= 854	TA= 1127.15	L= 3.06978E-07
T= 855	TA= 1128.15	L= 3.12366E-07
T= 856	TA= 1129.15	L= 3.17837E-07
T= 857	TA= 1130.15	L= 3.23396E-07
T= 858	TA= 1131.15	L= 3.29041E-07
T= 859	TA= 1132.15	L= 3.34775E-07
T= 860	TA= 1133.15	L= 3.40598E-07
T= 861	TA= 1134.15	L= 3.46512E-07
T= 862	TA= 1135.15	L= 3.52518E-07
T= 863	TA= 1136.15	L= 3.58617E-07
T= 864	TA= 1137.15	L= 3.64811E-07
T= 865	TA= 1138.15	L= 3.71101E-07
T= 866	TA= 1139.15	L= 3.77487E-07
T= 867	TA= 1140.15	L= 3.83972E-07
T= 868	TA= 1141.15	L= 3.90556E-07
T= 869	TA= 1142.15	L= 3.97243E-07
T= 870	TA= 1143.15	L= 4.04031E-07
T= 871	TA= 1144.15	L= 4.10923E-07
T= 872	TA= 1145.15	L= 4.17919E-07
T= 873	TA= 1146.15	L= 4.25023E-07
T= 874	TA= 1147.15	L= 4.32235E-07
T= 875	TA= 1148.15	L= 4.39556E-07
T= 876	TA= 1149.15	L= 4.46989E-07
T= 877	TA= 1150.15	L= 4.54535E-07
T= 878	TA= 1151.15	L= 4.62193E-07
T= 879	TA= 1152.15	L= 4.69968E-07
T= 880	TA= 1153.15	L= 4.77859E-07
T= 881	TA= 1154.15	L= 4.85868E-07
T= 882	TA= 1155.15	L= 4.93998E-07
T= 883	TA= 1156.15	L= 5.02249E-07
T= 884	TA= 1157.15	L= 5.10624E-07
T= 885	TA= 1158.15	L= 5.19123E-07
T= 886	TA= 1159.15	L= 5.27748E-07
T= 887	TA= 1160.15	L= 5.36504E-07
T= 888	TA= 1161.15	L= 5.45386E-07
T= 889	TA= 1162.15	L= 5.54400E-07
T= 890	TA= 1163.15	L= 5.63549E-07
T= 891	TA= 1164.15	L= 5.72832E-07
T= 892	TA= 1165.15	L= 5.82251E-07
T= 893	TA= 1166.15	L= 5.91808E-07
T= 894	TA= 1167.15	L= 6.01507E-07
T= 895	TA= 1168.15	L= 6.11347E-07
T= 896	TA= 1169.15	L= 6.21331E-07
T= 897	TA= 1170.15	L= 6.31459E-07
T= 898	TA= 1171.15	L= 6.41736E-07
T= 899	TA= 1172.15	L= 6.52162E-07

T= 900	TA= 1173.15	L= 6.62738E-07
T= 901	TA= 1174.15	L= 6.73470E-07
T= 902	TA= 1175.15	L= 6.84356E-07
T= 903	TA= 1176.15	L= 6.95397E-07
T= 904	TA= 1177.15	L= 7.06596E-07
T= 905	TA= 1178.15	L= 7.17960E-07
T= 906	TA= 1179.15	L= 7.29485E-07
T= 907	TA= 1180.15	L= 7.41174E-07
T= 908	TA= 1181.15	L= 7.53033E-07
T= 909	TA= 1182.15	L= 7.65056E-07
T= 910	TA= 1183.15	L= 7.77256E-07
T= 911	TA= 1184.15	L= 7.89625E-07
T= 912	TA= 1185.15	L= 8.02171E-07
T= 913	TA= 1186.15	L= 8.14896E-07
T= 914	TA= 1187.15	L= 8.27798E-07
T= 915	TA= 1188.15	L= 8.40884E-07
T= 916	TA= 1189.15	L= 8.54157E-07
T= 917	TA= 1190.15	L= 8.67610E-07
T= 918	TA= 1191.15	L= 8.81258E-07
T= 919	TA= 1192.15	L= 8.95093E-07
T= 920	TA= 1193.15	L= 9.09128E-07
T= 921	TA= 1194.15	L= 9.23353E-07
T= 922	TA= 1195.15	L= 9.37774E-07
T= 923	TA= 1196.15	L= 9.52400E-07
T= 924	TA= 1197.15	L= 9.67229E-07
T= 925	TA= 1198.15	L= 9.82262E-07
T= 926	TA= 1199.15	L= 9.97506E-07
T= 927	TA= 1200.15	L= 1.01296E-06
T= 928	TA= 1201.15	L= 1.02862E-06
T= 929	TA= 1202.15	L= 1.04450E-06
T= 930	TA= 1203.15	L= 1.06060E-06
T= 931	TA= 1204.15	L= 1.07692E-06
T= 932	TA= 1205.15	L= 1.09347E-06
T= 933	TA= 1206.15	L= 1.11024E-06
T= 934	TA= 1207.15	L= 1.12724E-06
T= 935	TA= 1208.15	L= 1.14446E-06
T= 936	TA= 1209.15	L= 1.16193E-06
T= 937	TA= 1210.15	L= 1.17963E-06
T= 938	TA= 1211.15	L= 1.19757E-06
T= 939	TA= 1212.15	L= 1.21575E-06
T= 940	TA= 1213.15	L= 1.23418E-06
T= 941	TA= 1214.15	L= 1.25286E-06
T= 942	TA= 1215.15	L= 1.27179E-06
T= 943	TA= 1216.15	L= 1.29097E-06
T= 944	TA= 1217.15	L= 1.31041E-06
T= 945	TA= 1218.15	L= 1.33010E-06
T= 946	TA= 1219.15	L= 1.35007E-06
T= 947	TA= 1220.15	L= 1.37030E-06
T= 948	TA= 1221.15	L= 1.39079E-06
T= 949	TA= 1222.15	L= 1.41156E-06

T= 950	TA= 1223.15	L= 1.43261E-06
T= 951	TA= 1224.15	L= 1.45393E-06
T= 952	TA= 1225.15	L= 1.47554E-06
T= 953	TA= 1226.15	L= 1.49743E-06
T= 954	TA= 1227.15	L= 1.51961E-06
T= 955	TA= 1228.15	L= 1.54208E-06
T= 956	TA= 1229.15	L= 1.56485E-06
T= 957	TA= 1230.15	L= 1.58791E-06
T= 958	TA= 1231.15	L= 1.61128E-06
T= 959	TA= 1232.15	L= 1.63494E-06
T= 960	TA= 1233.15	L= 1.65893E-06
T= 961	TA= 1234.15	L= 1.68322E-06
T= 962	TA= 1235.15	L= 1.70782E-06
T= 963	TA= 1236.15	L= 1.73275E-06
T= 964	TA= 1237.15	L= 1.75800E-06
T= 965	TA= 1238.15	L= 1.78358E-06
T= 966	TA= 1239.15	L= 1.80948E-06
T= 967	TA= 1240.15	L= 1.83572E-06
T= 968	TA= 1241.15	L= 1.86229E-06
T= 969	TA= 1242.15	L= 1.88921E-06
T= 970	TA= 1243.15	L= 1.91647E-06
T= 971	TA= 1244.15	L= 1.94408E-06
T= 972	TA= 1245.15	L= 1.97204E-06
T= 973	TA= 1246.15	L= 2.00036E-06
T= 974	TA= 1247.15	L= 2.02904E-06
T= 975	TA= 1248.15	L= 2.05808E-06
T= 976	TA= 1249.15	L= 2.08749E-06
T= 977	TA= 1250.15	L= 2.11728E-06
T= 978	TA= 1251.15	L= 2.14743E-06
T= 979	TA= 1252.15	L= 2.17797E-06
T= 980	TA= 1253.15	L= 2.20890E-06
T= 981	TA= 1254.15	L= 2.24021E-06
T= 982	TA= 1255.15	L= 2.27191E-06
T= 983	TA= 1256.15	L= 2.30403E-06
T= 984	TA= 1257.15	L= 2.33652E-06
T= 985	TA= 1258.15	L= 2.36944E-06
T= 986	TA= 1259.15	L= 2.40276E-06
T= 987	TA= 1260.15	L= 2.43649E-06
T= 988	TA= 1261.15	L= 2.47065E-06
T= 989	TA= 1262.15	L= 2.50523E-06
T= 990	TA= 1263.15	L= 2.54023E-06
T= 991	TA= 1264.15	L= 2.57567E-06
T= 992	TA= 1265.15	L= 2.61155E-06
T= 993	TA= 1266.15	L= 2.64787E-06
T= 994	TA= 1267.15	L= 2.68463E-06
T= 995	TA= 1268.15	L= 2.72185E-06
T= 996	TA= 1269.15	L= 2.75952E-06
T= 997	TA= 1270.15	L= 2.79765E-06
T= 998	TA= 1271.15	L= 2.83625E-06
T= 999	TA= 1272.15	L= 2.87533E-06

T= 1000	TA= 1273.15	L= 2.91486E-06
T= 1001	TA= 1274.15	L= 2.95488E-06
T= 1002	TA= 1275.15	L= 2.99540E-06
T= 1003	TA= 1276.15	L= 3.03640E-06
T= 1004	TA= 1277.15	L= 3.07790E-06
T= 1005	TA= 1278.15	L= 3.11989E-06
T= 1006	TA= 1279.15	L= 3.16240E-06
T= 1007	TA= 1280.15	L= 3.20542E-06
T= 1008	TA= 1281.15	L= 3.24895E-06
T= 1009	TA= 1282.15	L= 3.29299E-06
T= 1010	TA= 1283.15	L= 3.33757E-06
T= 1011	TA= 1284.15	L= 3.38270E-06
T= 1012	TA= 1285.15	L= 3.42834E-06
T= 1013	TA= 1286.15	L= 3.47454E-06
T= 1014	TA= 1287.15	L= 3.52128E-06
T= 1015	TA= 1288.15	L= 3.56858E-06
T= 1016	TA= 1289.15	L= 3.61644E-06
T= 1017	TA= 1290.15	L= 3.66487E-06
T= 1018	TA= 1291.15	L= 3.71386E-06
T= 1019	TA= 1292.15	L= 3.76344E-06
T= 1020	TA= 1293.15	L= 3.81359E-06
T= 1021	TA= 1294.15	L= 3.86435E-06
T= 1022	TA= 1295.15	L= 3.91569E-06
T= 1023	TA= 1296.15	L= 3.96762E-06
T= 1024	TA= 1297.15	L= 4.02018E-06
T= 1025	TA= 1298.15	L= 4.07335E-06
T= 1026	TA= 1299.15	L= 4.12714E-06
T= 1027	TA= 1300.15	L= 4.18154E-06
T= 1028	TA= 1301.15	L= 4.23659E-06
T= 1029	TA= 1302.15	L= 4.29227E-06
T= 1030	TA= 1303.15	L= 4.34860E-06
T= 1031	TA= 1304.15	L= 4.40557E-06
T= 1032	TA= 1305.15	L= 4.46320E-06
T= 1033	TA= 1306.15	L= 4.52150E-06
T= 1034	TA= 1307.15	L= 4.58048E-06
T= 1035	TA= 1308.15	L= 4.64013E-06
T= 1036	TA= 1309.15	L= 4.70045E-06
T= 1037	TA= 1310.15	L= 4.76147E-06
T= 1038	TA= 1311.15	L= 4.82320E-06
T= 1039	TA= 1312.15	L= 4.88561E-06
T= 1040	TA= 1313.15	L= 4.94874E-06
T= 1041	TA= 1314.15	L= 5.01260E-06
T= 1042	TA= 1315.15	L= 5.07716E-06
T= 1043	TA= 1316.15	L= 5.14249E-06
T= 1044	TA= 1317.15	L= 5.20853E-06
T= 1045	TA= 1318.15	L= 5.27534E-06
T= 1046	TA= 1319.15	L= 5.34287E-06
T= 1047	TA= 1320.15	L= 5.41118E-06
T= 1048	TA= 1321.15	L= 5.48025E-06
T= 1049	TA= 1322.15	L= 5.55010E-06

T= 1050	TA= 1323.15	L= 5.62074E-06
T= 1051	TA= 1324.15	L= 5.69215E-06
T= 1052	TA= 1325.15	L= 5.76438E-06
T= 1053	TA= 1326.15	L= 5.83741E-06
T= 1054	TA= 1327.15	L= 5.91125E-06
T= 1055	TA= 1328.15	L= 5.98590E-06
T= 1056	TA= 1329.15	L= 6.06139E-06
T= 1057	TA= 1330.15	L= 6.13771E-06
T= 1058	TA= 1331.15	L= 6.21489E-06
T= 1059	TA= 1332.15	L= 6.29291E-06
T= 1060	TA= 1333.15	L= 6.37178E-06
T= 1061	TA= 1334.15	L= 6.45153E-06
T= 1062	TA= 1335.15	L= 6.53216E-06
T= 1063	TA= 1336.15	L= 6.61367E-06
T= 1064	TA= 1337.15	L= 6.69607E-06
T= 1065	TA= 1338.15	L= 6.77938E-06
T= 1066	TA= 1339.15	L= 6.86359E-06
T= 1067	TA= 1340.15	L= 6.94872E-06
T= 1068	TA= 1341.15	L= 7.03479E-06
T= 1069	TA= 1342.15	L= 7.12179E-06
T= 1070	TA= 1343.15	L= 7.20972E-06
T= 1071	TA= 1344.15	L= 7.29860E-06
T= 1072	TA= 1345.15	L= 7.38845E-06
T= 1073	TA= 1346.15	L= 7.47928E-06
T= 1074	TA= 1347.15	L= 7.57108E-06
T= 1075	TA= 1348.15	L= 7.66386E-06
T= 1076	TA= 1349.15	L= 7.75766E-06
T= 1077	TA= 1350.15	L= 7.85247E-06
T= 1078	TA= 1351.15	L= 7.94827E-06
T= 1079	TA= 1352.15	L= 8.04509E-06
T= 1080	TA= 1353.15	L= 8.14296E-06
T= 1081	TA= 1354.15	L= 8.24189E-06
T= 1082	TA= 1355.15	L= 8.34182E-06
T= 1083	TA= 1356.15	L= 8.44288E-06
T= 1084	TA= 1357.15	L= 8.54497E-06
T= 1085	TA= 1358.15	L= 8.64812E-06
T= 1086	TA= 1359.15	L= 8.75240E-06
T= 1087	TA= 1360.15	L= 8.85777E-06
T= 1088	TA= 1361.15	L= 8.96423E-06
T= 1089	TA= 1362.15	L= 9.07184E-06
T= 1090	TA= 1363.15	L= 9.18060E-06
T= 1091	TA= 1364.15	L= 9.29046E-06
T= 1092	TA= 1365.15	L= 9.40151E-06
T= 1093	TA= 1366.15	L= 9.51367E-06
T= 1094	TA= 1367.15	L= 9.62701E-06
T= 1095	TA= 1368.15	L= 9.74158E-06
T= 1096	TA= 1369.15	L= 9.85732E-06
T= 1097	TA= 1370.15	L= 9.97423E-06
T= 1098	TA= 1371.15	L= 1.00924E-05
T= 1099	TA= 1372.15	L= 1.02118E-05

T= 1100	TA= 1373.15	L= 1.03324E-05
T= 1101	TA= 1374.15	L= 1.04542E-05
T= 1102	TA= 1375.15	L= 1.05773E-05
T= 1103	TA= 1376.15	L= 1.07017E-05
T= 1104	TA= 1377.15	L= 1.08274E-05
T= 1105	TA= 1378.15	L= 1.09544E-05
T= 1106	TA= 1379.15	L= 1.10826E-05
T= 1107	TA= 1380.15	L= 1.12121E-05
T= 1108	TA= 1381.15	L= 1.13430E-05
T= 1109	TA= 1382.15	L= 1.14752E-05
T= 1110	TA= 1383.15	L= 1.16088E-05
T= 1111	TA= 1384.15	L= 1.17437E-05
T= 1112	TA= 1385.15	L= 1.18800E-05
T= 1113	TA= 1386.15	L= 1.20177E-05
T= 1114	TA= 1387.15	L= 1.21568E-05
T= 1115	TA= 1388.15	L= 1.22972E-05
T= 1116	TA= 1389.15	L= 1.24391E-05
T= 1117	TA= 1390.15	L= 1.25825E-05
T= 1118	TA= 1391.15	L= 1.27272E-05
T= 1119	TA= 1392.15	L= 1.28735E-05
T= 1120	TA= 1393.15	L= 1.30211E-05
T= 1121	TA= 1394.15	L= 1.31703E-05
T= 1122	TA= 1395.15	L= 1.33209E-05
T= 1123	TA= 1396.15	L= 1.34731E-05
T= 1124	TA= 1397.15	L= 1.36268E-05
T= 1125	TA= 1398.15	L= 1.37820E-05
T= 1126	TA= 1399.15	L= 1.39387E-05
T= 1127	TA= 1400.15	L= 1.40970E-05
T= 1128	TA= 1401.15	L= 1.42569E-05
T= 1129	TA= 1402.15	L= 1.44184E-05
T= 1130	TA= 1403.15	L= 1.45814E-05
T= 1131	TA= 1404.15	L= 1.47461E-05
T= 1132	TA= 1405.15	L= 1.49124E-05
T= 1133	TA= 1406.15	L= 1.50802E-05
T= 1134	TA= 1407.15	L= 1.52498E-05
T= 1135	TA= 1408.15	L= 1.54210E-05
T= 1136	TA= 1409.15	L= 1.55939E-05
T= 1137	TA= 1410.15	L= 1.57685E-05
T= 1138	TA= 1411.15	L= 1.59448E-05
T= 1139	TA= 1412.15	L= 1.61228E-05
T= 1140	TA= 1413.15	L= 1.63025E-05
T= 1141	TA= 1414.15	L= 1.64840E-05
T= 1142	TA= 1415.15	L= 1.66672E-05
T= 1143	TA= 1416.15	L= 1.68522E-05
T= 1144	TA= 1417.15	L= 1.70391E-05
T= 1145	TA= 1418.15	L= 1.72276E-05
T= 1146	TA= 1419.15	L= 1.74181E-05
T= 1147	TA= 1420.15	L= 1.76103E-05
T= 1148	TA= 1421.15	L= 1.78044E-05
T= 1149	TA= 1422.15	L= 1.80003E-05

T= 1150	TA= 1423.15	L= 1.81982E-05
T= 1151	TA= 1424.15	L= 1.83979E-05
T= 1152	TA= 1425.15	L= 1.85996E-05
T= 1153	TA= 1426.15	L= 1.88031E-05
T= 1154	TA= 1427.15	L= 1.90086E-05
T= 1155	TA= 1428.15	L= 1.92160E-05
T= 1156	TA= 1429.15	L= 1.94255E-05
T= 1157	TA= 1430.15	L= 1.96369E-05
T= 1158	TA= 1431.15	L= 1.98503E-05
T= 1159	TA= 1432.15	L= 2.00657E-05
T= 1160	TA= 1433.15	L= 2.02832E-05
T= 1161	TA= 1434.15	L= 2.05026E-05
T= 1162	TA= 1435.15	L= 2.07242E-05
T= 1163	TA= 1436.15	L= 2.09479E-05
T= 1164	TA= 1437.15	L= 2.11736E-05
T= 1165	TA= 1438.15	L= 2.14014E-05
T= 1166	TA= 1439.15	L= 2.16314E-05
T= 1167	TA= 1440.15	L= 2.18636E-05
T= 1168	TA= 1441.15	L= 2.20979E-05
T= 1169	TA= 1442.15	L= 2.23343E-05
T= 1170	TA= 1443.15	L= 2.25730E-05
T= 1171	TA= 1444.15	L= 2.28139E-05
T= 1172	TA= 1445.15	L= 2.30570E-05
T= 1173	TA= 1446.15	L= 2.33024E-05
T= 1174	TA= 1447.15	L= 2.35500E-05
T= 1175	TA= 1448.15	L= 2.37999E-05
T= 1176	TA= 1449.15	L= 2.40522E-05
T= 1177	TA= 1450.15	L= 2.43067E-05
T= 1178	TA= 1451.15	L= 2.45636E-05
T= 1179	TA= 1452.15	L= 2.48228E-05
T= 1180	TA= 1453.15	L= 2.50845E-05
T= 1181	TA= 1454.15	L= 2.53484E-05
T= 1182	TA= 1455.15	L= 2.56148E-05
T= 1183	TA= 1456.15	L= 2.58837E-05
T= 1184	TA= 1457.15	L= 2.61550E-05
T= 1185	TA= 1458.15	L= 2.64287E-05
T= 1186	TA= 1459.15	L= 2.67049E-05
T= 1187	TA= 1460.15	L= 2.69837E-05
T= 1188	TA= 1461.15	L= 2.72650E-05
T= 1189	TA= 1462.15	L= 2.75488E-05
T= 1190	TA= 1463.15	L= 2.78352E-05
T= 1191	TA= 1464.15	L= 2.81241E-05
T= 1192	TA= 1465.15	L= 2.84156E-05
T= 1193	TA= 1466.15	L= 2.87098E-05
T= 1194	TA= 1467.15	L= 2.90065E-05
T= 1195	TA= 1468.15	L= 2.93060E-05
T= 1196	TA= 1469.15	L= 2.96082E-05
T= 1197	TA= 1470.15	L= 2.99130E-05
T= 1198	TA= 1471.15	L= 3.02205E-05
T= 1199	TA= 1472.15	L= 3.05308E-05

T= 1200	TA= 1473.15	L= 3.08439E-05
T= 1201	TA= 1474.15	L= 3.11597E-05
T= 1202	TA= 1475.15	L= 3.14782E-05
T= 1203	TA= 1476.15	L= 3.17997E-05
T= 1204	TA= 1477.15	L= 3.21240E-05
T= 1205	TA= 1478.15	L= 3.24511E-05
T= 1206	TA= 1479.15	L= 3.27812E-05
T= 1207	TA= 1480.15	L= 3.31141E-05
T= 1208	TA= 1481.15	L= 3.34500E-05
T= 1209	TA= 1482.15	L= 3.37887E-05
T= 1210	TA= 1483.15	L= 3.41305E-05
T= 1211	TA= 1484.15	L= 3.44752E-05
T= 1212	TA= 1485.15	L= 3.48230E-05
T= 1213	TA= 1486.15	L= 3.51738E-05
T= 1214	TA= 1487.15	L= 3.55277E-05
T= 1215	TA= 1488.15	L= 3.58846E-05
T= 1216	TA= 1489.15	L= 3.62447E-05
T= 1217	TA= 1490.15	L= 3.66078E-05
T= 1218	TA= 1491.15	L= 3.69741E-05
T= 1219	TA= 1492.15	L= 3.73435E-05
T= 1220	TA= 1493.15	L= 3.77162E-05
T= 1221	TA= 1494.15	L= 3.80921E-05
T= 1222	TA= 1495.15	L= 3.84711E-05
T= 1223	TA= 1496.15	L= 3.88534E-05
T= 1224	TA= 1497.15	L= 3.92392E-05
T= 1225	TA= 1498.15	L= 3.96281E-05
T= 1226	TA= 1499.15	L= 4.00203E-05
T= 1227	TA= 1500.15	L= 4.04160E-05
T= 1228	TA= 1501.15	L= 4.08150E-05
T= 1229	TA= 1502.15	L= 4.12175E-05
T= 1230	TA= 1503.15	L= 4.16232E-05
T= 1231	TA= 1504.15	L= 4.20326E-05
T= 1232	TA= 1505.15	L= 4.24452E-05
T= 1233	TA= 1506.15	L= 4.28615E-05
T= 1234	TA= 1507.15	L= 4.32813E-05
T= 1235	TA= 1508.15	L= 4.37046E-05
T= 1236	TA= 1509.15	L= 4.41315E-05
T= 1237	TA= 1510.15	L= 4.45619E-05
T= 1238	TA= 1511.15	L= 4.49960E-05
T= 1239	TA= 1512.15	L= 4.54338E-05
T= 1240	TA= 1513.15	L= 4.58751E-05
T= 1241	TA= 1514.15	L= 4.63204E-05
T= 1242	TA= 1515.15	L= 4.67692E-05
T= 1243	TA= 1516.15	L= 4.72218E-05
T= 1244	TA= 1517.15	L= 4.76781E-05
T= 1245	TA= 1518.15	L= 4.81383E-05
T= 1246	TA= 1519.15	L= 4.86022E-05
T= 1247	TA= 1520.15	L= 4.90700E-05
T= 1248	TA= 1521.15	L= 4.95419E-05
T= 1249	TA= 1522.15	L= 5.00174E-05

T= 1250	TA= 1523.15	L= 5.04970E-05
T= 1251	TA= 1524.15	L= 5.09805E-05
T= 1252	TA= 1525.15	L= 5.14680E-05
T= 1253	TA= 1526.15	L= 5.19596E-05
T= 1254	TA= 1527.15	L= 5.24551E-05
T= 1255	TA= 1528.15	L= 5.29547E-05
T= 1256	TA= 1529.15	L= 5.34585E-05
T= 1257	TA= 1530.15	L= 5.39662E-05
T= 1258	TA= 1531.15	L= 5.44782E-05
T= 1259	TA= 1532.15	L= 5.49945E-05
T= 1260	TA= 1533.15	L= 5.55149E-05
T= 1261	TA= 1534.15	L= 5.60395E-05
T= 1262	TA= 1535.15	L= 5.65683E-05
T= 1263	TA= 1536.15	L= 5.71015E-05
T= 1264	TA= 1537.15	L= 5.76391E-05
T= 1265	TA= 1538.15	L= 5.81810E-05
T= 1266	TA= 1539.15	L= 5.87272E-05
T= 1267	TA= 1540.15	L= 5.92777E-05
T= 1268	TA= 1541.15	L= 5.98328E-05
T= 1269	TA= 1542.15	L= 6.03923E-05
T= 1270	TA= 1543.15	L= 6.09564E-05
T= 1271	TA= 1544.15	L= 6.15251E-05
T= 1272	TA= 1545.15	L= 6.20981E-05
T= 1273	TA= 1546.15	L= 6.26758E-05
T= 1274	TA= 1547.15	L= 6.32582E-05
T= 1275	TA= 1548.15	L= 6.38451E-05
T= 1276	TA= 1549.15	L= 6.44367E-05
T= 1277	TA= 1550.15	L= 6.50332E-05
T= 1278	TA= 1551.15	L= 6.56342E-05
T= 1279	TA= 1552.15	L= 6.62402E-05
T= 1280	TA= 1553.15	L= 6.68508E-05
T= 1281	TA= 1554.15	L= 6.74663E-05
T= 1282	TA= 1555.15	L= 6.80867E-05
T= 1283	TA= 1556.15	L= 6.87119E-05
T= 1284	TA= 1557.15	L= 6.93423E-05
T= 1285	TA= 1558.15	L= 6.99774E-05
T= 1286	TA= 1559.15	L= 7.06176E-05
T= 1287	TA= 1560.15	L= 7.12626E-05
T= 1288	TA= 1561.15	L= 7.19129E-05
T= 1289	TA= 1562.15	L= 7.25682E-05
T= 1290	TA= 1563.15	L= 7.32288E-05
T= 1291	TA= 1564.15	L= 7.38944E-05
T= 1292	TA= 1565.15	L= 7.45651E-05
T= 1293	TA= 1566.15	L= 7.52412E-05
T= 1294	TA= 1567.15	L= 7.59223E-05
T= 1295	TA= 1568.15	L= 7.66089E-05
T= 1296	TA= 1569.15	L= 7.73008E-05
T= 1297	TA= 1570.15	L= 7.79980E-05
T= 1298	TA= 1571.15	L= 7.87007E-05
T= 1299	TA= 1572.15	L= 7.94087E-05

T= 1300	TA= 1573.15	L= 8.01222E-05
T= 1301	TA= 1574.15	L= 8.08413E-05
T= 1302	TA= 1575.15	L= 8.15657E-05
T= 1303	TA= 1576.15	L= 8.22958E-05
T= 1304	TA= 1577.15	L= 8.30315E-05
T= 1305	TA= 1578.15	L= 8.37729E-05
T= 1306	TA= 1579.15	L= 8.45198E-05
T= 1307	TA= 1580.15	L= 8.52725E-05
T= 1308	TA= 1581.15	L= 8.60307E-05
T= 1309	TA= 1582.15	L= 8.67950E-05
T= 1310	TA= 1583.15	L= 8.75652E-05
T= 1311	TA= 1584.15	L= 8.83410E-05
T= 1312	TA= 1585.15	L= 8.91228E-05
T= 1313	TA= 1586.15	L= 8.99102E-05
T= 1314	TA= 1587.15	L= 9.07040E-05
T= 1315	TA= 1588.15	L= 9.15034E-05
T= 1316	TA= 1589.15	L= 9.23091E-05
T= 1317	TA= 1590.15	L= 9.31207E-05
T= 1318	TA= 1591.15	L= 9.39386E-05
T= 1319	TA= 1592.15	L= 9.47626E-05
T= 1320	TA= 1593.15	L= 9.55926E-05
T= 1321	TA= 1594.15	L= 9.64291E-05
T= 1322	TA= 1595.15	L= 9.72716E-05
T= 1323	TA= 1596.15	L= 9.81204E-05
T= 1324	TA= 1597.15	L= 9.89756E-05
T= 1325	TA= 1598.15	L= 9.98372E-05
T= 1326	TA= 1599.15	L= 1.00705E-04
T= 1327	TA= 1600.15	L= 1.01580E-04
T= 1328	TA= 1601.15	L= 1.02461E-04
T= 1329	TA= 1602.15	L= 1.03348E-04
T= 1330	TA= 1603.15	L= 1.04242E-04
T= 1331	TA= 1604.15	L= 1.05142E-04
T= 1332	TA= 1605.15	L= 1.06050E-04
T= 1333	TA= 1606.15	L= 1.06964E-04
T= 1334	TA= 1607.15	L= 1.07884E-04
T= 1335	TA= 1608.15	L= 1.08812E-04
T= 1336	TA= 1609.15	L= 1.09746E-04
T= 1337	TA= 1610.15	L= 1.10687E-04
T= 1338	TA= 1611.15	L= 1.11635E-04
T= 1339	TA= 1612.15	L= 1.12590E-04
T= 1340	TA= 1613.15	L= 1.13552E-04
T= 1341	TA= 1614.15	L= 1.14521E-04
T= 1342	TA= 1615.15	L= 1.15497E-04
T= 1343	TA= 1616.15	L= 1.16480E-04
T= 1344	TA= 1617.15	L= 1.17470E-04
T= 1345	TA= 1618.15	L= 1.18467E-04
T= 1346	TA= 1619.15	L= 1.19472E-04
T= 1347	TA= 1620.15	L= 1.20484E-04
T= 1348	TA= 1621.15	L= 1.21503E-04
T= 1349	TA= 1622.15	L= 1.22529E-04

T= 1350	TA= 1623.15	L= 1.23563E-04
T= 1351	TA= 1624.15	L= 1.24604E-04
T= 1352	TA= 1625.15	L= 1.25653E-04
T= 1353	TA= 1626.15	L= 1.26710E-04
T= 1354	TA= 1627.15	L= 1.27773E-04
T= 1355	TA= 1628.15	L= 1.28845E-04
T= 1356	TA= 1629.15	L= 1.29924E-04
T= 1357	TA= 1630.15	L= 1.31011E-04
T= 1358	TA= 1631.15	L= 1.32105E-04
T= 1359	TA= 1632.15	L= 1.33208E-04
T= 1360	TA= 1633.15	L= 1.34318E-04
T= 1361	TA= 1634.15	L= 1.35436E-04
T= 1362	TA= 1635.15	L= 1.36562E-04
T= 1363	TA= 1636.15	L= 1.37696E-04
T= 1364	TA= 1637.15	L= 1.38838E-04
T= 1365	TA= 1638.15	L= 1.39988E-04
T= 1366	TA= 1639.15	L= 1.41146E-04
T= 1367	TA= 1640.15	L= 1.42312E-04
T= 1368	TA= 1641.15	L= 1.43487E-04
T= 1369	TA= 1642.15	L= 1.44669E-04
T= 1370	TA= 1643.15	L= 1.45860E-04
T= 1371	TA= 1644.15	L= 1.47060E-04
T= 1372	TA= 1645.15	L= 1.48268E-04
T= 1373	TA= 1646.15	L= 1.49484E-04
T= 1374	TA= 1647.15	L= 1.50708E-04
T= 1375	TA= 1648.15	L= 1.51941E-04
T= 1376	TA= 1649.15	L= 1.53183E-04
T= 1377	TA= 1650.15	L= 1.54434E-04
T= 1378	TA= 1651.15	L= 1.55692E-04
T= 1379	TA= 1652.15	L= 1.56961E-04
T= 1380	TA= 1653.15	L= 1.58237E-04
T= 1381	TA= 1654.15	L= 1.59522E-04
T= 1382	TA= 1655.15	L= 1.60816E-04
T= 1383	TA= 1656.15	L= 1.62120E-04
T= 1384	TA= 1657.15	L= 1.63432E-04
T= 1385	TA= 1658.15	L= 1.64753E-04
T= 1386	TA= 1659.15	L= 1.66083E-04
T= 1387	TA= 1660.15	L= 1.67422E-04
T= 1388	TA= 1661.15	L= 1.68771E-04
T= 1389	TA= 1662.15	L= 1.70129E-04
T= 1390	TA= 1663.15	L= 1.71496E-04
T= 1391	TA= 1664.15	L= 1.72872E-04
T= 1392	TA= 1665.15	L= 1.74257E-04
T= 1393	TA= 1666.15	L= 1.75653E-04
T= 1394	TA= 1667.15	L= 1.77057E-04
T= 1395	TA= 1668.15	L= 1.78471E-04
T= 1396	TA= 1669.15	L= 1.79895E-04
T= 1397	TA= 1670.15	L= 1.81328E-04
T= 1398	TA= 1671.15	L= 1.82771E-04
T= 1399	TA= 1672.15	L= 1.84224E-04

T= 1400	TA= 1673.15	L= 1.85687E-04
T= 1401	TA= 1674.15	L= 1.87159E-04
T= 1402	TA= 1675.15	L= 1.88641E-04
T= 1403	TA= 1676.15	L= 1.90133E-04
T= 1404	TA= 1677.15	L= 1.91635E-04
T= 1405	TA= 1678.15	L= 1.93148E-04
T= 1406	TA= 1679.15	L= 1.94670E-04
T= 1407	TA= 1680.15	L= 1.96203E-04
T= 1408	TA= 1681.15	L= 1.97745E-04
T= 1409	TA= 1682.15	L= 1.99298E-04
T= 1410	TA= 1683.15	L= 2.00862E-04
T= 1411	TA= 1684.15	L= 2.02435E-04
T= 1412	TA= 1685.15	L= 2.04019E-04
T= 1413	TA= 1686.15	L= 2.05614E-04
T= 1414	TA= 1687.15	L= 2.07220E-04
T= 1415	TA= 1688.15	L= 2.08836E-04
T= 1416	TA= 1689.15	L= 2.10462E-04
T= 1417	TA= 1690.15	L= 2.12099E-04
T= 1418	TA= 1691.15	L= 2.13747E-04
T= 1419	TA= 1692.15	L= 2.15406E-04
T= 1420	TA= 1693.15	L= 2.17076E-04
T= 1421	TA= 1694.15	L= 2.18757E-04
T= 1422	TA= 1695.15	L= 2.20448E-04
T= 1423	TA= 1696.15	L= 2.22151E-04
T= 1424	TA= 1697.15	L= 2.23865E-04
T= 1425	TA= 1698.15	L= 2.25590E-04
T= 1426	TA= 1699.15	L= 2.27327E-04
T= 1427	TA= 1700.15	L= 2.29074E-04
T= 1428	TA= 1701.15	L= 2.30832E-04
T= 1429	TA= 1702.15	L= 2.32603E-04
T= 1430	TA= 1703.15	L= 2.34385E-04
T= 1431	TA= 1704.15	L= 2.36178E-04
T= 1432	TA= 1705.15	L= 2.37983E-04
T= 1433	TA= 1706.15	L= 2.39800E-04
T= 1434	TA= 1707.15	L= 2.41629E-04
T= 1435	TA= 1708.15	L= 2.43468E-04
T= 1436	TA= 1709.15	L= 2.45320E-04
T= 1437	TA= 1710.15	L= 2.47184E-04
T= 1438	TA= 1711.15	L= 2.49060E-04
T= 1439	TA= 1712.15	L= 2.50948E-04
T= 1440	TA= 1713.15	L= 2.52848E-04
T= 1441	TA= 1714.15	L= 2.54760E-04
T= 1442	TA= 1715.15	L= 2.56684E-04
T= 1443	TA= 1716.15	L= 2.58620E-04
T= 1444	TA= 1717.15	L= 2.60569E-04
T= 1445	TA= 1718.15	L= 2.62531E-04
T= 1446	TA= 1719.15	L= 2.64504E-04
T= 1447	TA= 1720.15	L= 2.66491E-04
T= 1448	TA= 1721.15	L= 2.68489E-04
T= 1449	TA= 1722.15	L= 2.70501E-04

T= 1450	TA= 1723.15	L= 2.72525E-04
T= 1451	TA= 1724.15	L= 2.74562E-04
T= 1452	TA= 1725.15	L= 2.76612E-04
T= 1453	TA= 1726.15	L= 2.78674E-04
T= 1454	TA= 1727.15	L= 2.80749E-04
T= 1455	TA= 1728.15	L= 2.82839E-04
T= 1456	TA= 1729.15	L= 2.84940E-04
T= 1457	TA= 1730.15	L= 2.87056E-04
T= 1458	TA= 1731.15	L= 2.89183E-04
T= 1459	TA= 1732.15	L= 2.91325E-04
T= 1460	TA= 1733.15	L= 2.93479E-04
T= 1461	TA= 1734.15	L= 2.95648E-04
T= 1462	TA= 1735.15	L= 2.97830E-04
T= 1463	TA= 1736.15	L= 3.00025E-04
T= 1464	TA= 1737.15	L= 3.02233E-04
T= 1465	TA= 1738.15	L= 3.04456E-04
T= 1466	TA= 1739.15	L= 3.06693E-04
T= 1467	TA= 1740.15	L= 3.08942E-04
T= 1468	TA= 1741.15	L= 3.11207E-04
T= 1469	TA= 1742.15	L= 3.13485E-04
T= 1470	TA= 1743.15	L= 3.15777E-04
T= 1471	TA= 1744.15	L= 3.18083E-04
T= 1472	TA= 1745.15	L= 3.20403E-04
T= 1473	TA= 1746.15	L= 3.22738E-04
T= 1474	TA= 1747.15	L= 3.25087E-04
T= 1475	TA= 1748.15	L= 3.27450E-04
T= 1476	TA= 1749.15	L= 3.29828E-04
T= 1477	TA= 1750.15	L= 3.32220E-04
T= 1478	TA= 1751.15	L= 3.34627E-04
T= 1479	TA= 1752.15	L= 3.37048E-04
T= 1480	TA= 1753.15	L= 3.39485E-04
T= 1481	TA= 1754.15	L= 3.41935E-04
T= 1482	TA= 1755.15	L= 3.44401E-04
T= 1483	TA= 1756.15	L= 3.46882E-04
T= 1484	TA= 1757.15	L= 3.49377E-04
T= 1485	TA= 1758.15	L= 3.51889E-04
T= 1486	TA= 1759.15	L= 3.54415E-04
T= 1487	TA= 1760.15	L= 3.56956E-04
T= 1488	TA= 1761.15	L= 3.59512E-04
T= 1489	TA= 1762.15	L= 3.62085E-04
T= 1490	TA= 1763.15	L= 3.64672E-04
T= 1491	TA= 1764.15	L= 3.67275E-04
T= 1492	TA= 1765.15	L= 3.69894E-04
T= 1493	TA= 1766.15	L= 3.72528E-04
T= 1494	TA= 1767.15	L= 3.75179E-04
T= 1495	TA= 1768.15	L= 3.77844E-04
T= 1496	TA= 1769.15	L= 3.80526E-04
T= 1497	TA= 1770.15	L= 3.83224E-04
T= 1498	TA= 1771.15	L= 3.85937E-04
T= 1499	TA= 1772.15	L= 3.88667E-04

T= 1500	TA= 1773.15	L= 3.91413E-04
T= 1501	TA= 1774.15	L= 3.94175E-04
T= 1502	TA= 1775.15	L= 3.96954E-04
T= 1503	TA= 1776.15	L= 3.99749E-04
T= 1504	TA= 1777.15	L= 4.02560E-04
T= 1505	TA= 1778.15	L= 4.05389E-04
T= 1506	TA= 1779.15	L= 4.08234E-04
T= 1507	TA= 1780.15	L= 4.11095E-04
T= 1508	TA= 1781.15	L= 4.13974E-04
T= 1509	TA= 1782.15	L= 4.16869E-04
T= 1510	TA= 1783.15	L= 4.19781E-04
T= 1511	TA= 1784.15	L= 4.22711E-04
T= 1512	TA= 1785.15	L= 4.25657E-04
T= 1513	TA= 1786.15	L= 4.28621E-04
T= 1514	TA= 1787.15	L= 4.31601E-04
T= 1515	TA= 1788.15	L= 4.34599E-04
T= 1516	TA= 1789.15	L= 4.37615E-04
T= 1517	TA= 1790.15	L= 4.40649E-04
T= 1518	TA= 1791.15	L= 4.43699E-04
T= 1519	TA= 1792.15	L= 4.46767E-04
T= 1520	TA= 1793.15	L= 4.49854E-04
T= 1521	TA= 1794.15	L= 4.52959E-04
T= 1522	TA= 1795.15	L= 4.56080E-04
T= 1523	TA= 1796.15	L= 4.59221E-04
T= 1524	TA= 1797.15	L= 4.62378E-04
T= 1525	TA= 1798.15	L= 4.65554E-04
T= 1526	TA= 1799.15	L= 4.68749E-04
T= 1527	TA= 1800.15	L= 4.71962E-04
T= 1528	TA= 1801.15	L= 4.75194E-04
T= 1529	TA= 1802.15	L= 4.78443E-04
T= 1530	TA= 1803.15	L= 4.81712E-04
T= 1531	TA= 1804.15	L= 4.84999E-04
T= 1532	TA= 1805.15	L= 4.88305E-04
T= 1533	TA= 1806.15	L= 4.91629E-04
T= 1534	TA= 1807.15	L= 4.94973E-04
T= 1535	TA= 1808.15	L= 4.98335E-04
T= 1536	TA= 1809.15	L= 5.01717E-04
T= 1537	TA= 1810.15	L= 5.05118E-04
T= 1538	TA= 1811.15	L= 5.08538E-04
T= 1539	TA= 1812.15	L= 5.11978E-04
T= 1540	TA= 1813.15	L= 5.15436E-04
T= 1541	TA= 1814.15	L= 5.18915E-04
T= 1542	TA= 1815.15	L= 5.22411E-04
T= 1543	TA= 1816.15	L= 5.25931E-04
T= 1544	TA= 1817.15	L= 5.29468E-04
T= 1545	TA= 1818.15	L= 5.33024E-04
T= 1546	TA= 1819.15	L= 5.36602E-04
T= 1547	TA= 1820.15	L= 5.40199E-04
T= 1548	TA= 1821.15	L= 5.43817E-04
T= 1549	TA= 1822.15	L= 5.47456E-04

T= 1550	TA= 1823.15	L= 5.51113E-04
T= 1551	TA= 1824.15	L= 5.54791E-04
T= 1552	TA= 1825.15	L= 5.58488E-04
T= 1553	TA= 1826.15	L= 5.62209E-04
T= 1554	TA= 1827.15	L= 5.65950E-04
T= 1555	TA= 1828.15	L= 5.69709E-04
T= 1556	TA= 1829.15	L= 5.73492E-04
T= 1557	TA= 1830.15	L= 5.77294E-04
T= 1558	TA= 1831.15	L= 5.81117E-04
T= 1559	TA= 1832.15	L= 5.84963E-04
T= 1560	TA= 1833.15	L= 5.88827E-04
T= 1561	TA= 1834.15	L= 5.92715E-04
T= 1562	TA= 1835.15	L= 5.96625E-04
T= 1563	TA= 1836.15	L= 6.00554E-04
T= 1564	TA= 1837.15	L= 6.04506E-04
T= 1565	TA= 1838.15	L= 6.08478E-04
T= 1566	TA= 1839.15	L= 6.12473E-04
T= 1567	TA= 1840.15	L= 6.16489E-04
T= 1568	TA= 1841.15	L= 6.20529E-04
T= 1569	TA= 1842.15	L= 6.24590E-04
T= 1570	TA= 1843.15	L= 6.28673E-04
T= 1571	TA= 1844.15	L= 6.32779E-04
T= 1572	TA= 1845.15	L= 6.36906E-04
T= 1573	TA= 1846.15	L= 6.41056E-04
T= 1574	TA= 1847.15	L= 6.45227E-04
T= 1575	TA= 1848.15	L= 6.49422E-04
T= 1576	TA= 1849.15	L= 6.53642E-04
T= 1577	TA= 1850.15	L= 6.57881E-04
T= 1578	TA= 1851.15	L= 6.62145E-04
T= 1579	TA= 1852.15	L= 6.66432E-04
T= 1580	TA= 1853.15	L= 6.70740E-04
T= 1581	TA= 1854.15	L= 6.75073E-04
T= 1582	TA= 1855.15	L= 6.79430E-04
T= 1583	TA= 1856.15	L= 6.83808E-04
T= 1584	TA= 1857.15	L= 6.88210E-04
T= 1585	TA= 1858.15	L= 6.92637E-04
T= 1586	TA= 1859.15	L= 6.97087E-04
T= 1587	TA= 1860.15	L= 7.01560E-04
T= 1588	TA= 1861.15	L= 7.06058E-04
T= 1589	TA= 1862.15	L= 7.10579E-04
T= 1590	TA= 1863.15	L= 7.15126E-04
T= 1591	TA= 1864.15	L= 7.19695E-04
T= 1592	TA= 1865.15	L= 7.24288E-04
T= 1593	TA= 1866.15	L= 7.28905E-04
T= 1594	TA= 1867.15	L= 7.33549E-04
T= 1595	TA= 1868.15	L= 7.38217E-04
T= 1596	TA= 1869.15	L= 7.42909E-04
T= 1597	TA= 1870.15	L= 7.47625E-04
T= 1598	TA= 1871.15	L= 7.52366E-04
T= 1599	TA= 1872.15	L= 7.57134E-04

T= 1600	TA= 1873.15	L= 7.61926E-04
T= 1601	TA= 1874.15	L= 7.66742E-04
T= 1602	TA= 1875.15	L= 7.71584E-04
T= 1603	TA= 1876.15	L= 7.76451E-04
T= 1604	TA= 1877.15	L= 7.81343E-04
T= 1605	TA= 1878.15	L= 7.86263E-04
T= 1606	TA= 1879.15	L= 7.91208E-04
T= 1607	TA= 1880.15	L= 7.96177E-04
T= 1608	TA= 1881.15	L= 8.01171E-04
T= 1609	TA= 1882.15	L= 8.06193E-04
T= 1610	TA= 1883.15	L= 8.11242E-04
T= 1611	TA= 1884.15	L= 8.16316E-04
T= 1612	TA= 1885.15	L= 8.21417E-04
T= 1613	TA= 1886.15	L= 8.26543E-04
T= 1614	TA= 1887.15	L= 8.31695E-04
T= 1615	TA= 1888.15	L= 8.36875E-04
T= 1616	TA= 1889.15	L= 8.42083E-04
T= 1617	TA= 1890.15	L= 8.47316E-04
T= 1618	TA= 1891.15	L= 8.52577E-04
T= 1619	TA= 1892.15	L= 8.57864E-04
T= 1620	TA= 1893.15	L= 8.63179E-04
T= 1621	TA= 1894.15	L= 8.68520E-04
T= 1622	TA= 1895.15	L= 8.73890E-04
T= 1623	TA= 1896.15	L= 8.79286E-04
T= 1624	TA= 1897.15	L= 8.84711E-04
T= 1625	TA= 1898.15	L= 8.90162E-04
T= 1626	TA= 1899.15	L= 8.95641E-04
T= 1627	TA= 1900.15	L= 9.01150E-04
T= 1628	TA= 1901.15	L= 9.06686E-04
T= 1629	TA= 1902.15	L= 9.12250E-04
T= 1630	TA= 1903.15	L= 9.17842E-04
T= 1631	TA= 1904.15	L= 9.23460E-04
T= 1632	TA= 1905.15	L= 9.29111E-04
T= 1633	TA= 1906.15	L= 9.34788E-04
T= 1634	TA= 1907.15	L= 9.40493E-04
T= 1635	TA= 1908.15	L= 9.46230E-04
T= 1636	TA= 1909.15	L= 9.51995E-04
T= 1637	TA= 1910.15	L= 9.57787E-04
T= 1638	TA= 1911.15	L= 9.63606E-04
T= 1639	TA= 1912.15	L= 9.69459E-04
T= 1640	TA= 1913.15	L= 9.75339E-04
T= 1641	TA= 1914.15	L= 9.81250E-04
T= 1642	TA= 1915.15	L= 9.87189E-04
T= 1643	TA= 1916.15	L= 9.93158E-04
T= 1644	TA= 1917.15	L= 9.99159E-04
T= 1645	TA= 1918.15	L= 1.00519E-03
T= 1646	TA= 1919.15	L= 1.01125E-03
T= 1647	TA= 1920.15	L= 1.01733E-03
T= 1648	TA= 1921.15	L= 1.02345E-03
T= 1649	TA= 1922.15	L= 1.02960E-03

T= 1650	TA= 1923.15	L= 1.03579E-03
T= 1651	TA= 1924.15	L= 1.04200E-03
T= 1652	TA= 1925.15	L= 1.04824E-03
T= 1653	TA= 1926.15	L= 1.05451E-03
T= 1654	TA= 1927.15	L= 1.06082E-03
T= 1655	TA= 1928.15	L= 1.06715E-03
T= 1656	TA= 1929.15	L= 1.07352E-03
T= 1657	TA= 1930.15	L= 1.07991E-03
T= 1658	TA= 1931.15	L= 1.08634E-03
T= 1659	TA= 1932.15	L= 1.09280E-03
T= 1660	TA= 1933.15	L= 1.09929E-03
T= 1661	TA= 1934.15	L= 1.10582E-03
T= 1662	TA= 1935.15	L= 1.11237E-03
T= 1663	TA= 1936.15	L= 1.11896E-03
T= 1664	TA= 1937.15	L= 1.12558E-03
T= 1665	TA= 1938.15	L= 1.13223E-03
T= 1666	TA= 1939.15	L= 1.13892E-03
T= 1667	TA= 1940.15	L= 1.14563E-03
T= 1668	TA= 1941.15	L= 1.15238E-03
T= 1669	TA= 1942.15	L= 1.15917E-03
T= 1670	TA= 1943.15	L= 1.16598E-03
T= 1671	TA= 1944.15	L= 1.17283E-03
T= 1672	TA= 1945.15	L= 1.17971E-03
T= 1673	TA= 1946.15	L= 1.18663E-03
T= 1674	TA= 1947.15	L= 1.19357E-03
T= 1675	TA= 1948.15	L= 1.20055E-03
T= 1676	TA= 1949.15	L= 1.20757E-03
T= 1677	TA= 1950.15	L= 1.21462E-03
T= 1678	TA= 1951.15	L= 1.22170E-03
T= 1679	TA= 1952.15	L= 1.22882E-03
T= 1680	TA= 1953.15	L= 1.23597E-03
T= 1681	TA= 1954.15	L= 1.24315E-03
T= 1682	TA= 1955.15	L= 1.25037E-03
T= 1683	TA= 1956.15	L= 1.25763E-03
T= 1684	TA= 1957.15	L= 1.26492E-03
T= 1685	TA= 1958.15	L= 1.27224E-03
T= 1686	TA= 1959.15	L= 1.27960E-03
T= 1687	TA= 1960.15	L= 1.28699E-03
T= 1688	TA= 1961.15	L= 1.29442E-03
T= 1689	TA= 1962.15	L= 1.30188E-03
T= 1690	TA= 1963.15	L= 1.30938E-03
T= 1691	TA= 1964.15	L= 1.31691E-03
T= 1692	TA= 1965.15	L= 1.32448E-03
T= 1693	TA= 1966.15	L= 1.33209E-03
T= 1694	TA= 1967.15	L= 1.33973E-03
T= 1695	TA= 1968.15	L= 1.34740E-03
T= 1696	TA= 1969.15	L= 1.35512E-03
T= 1697	TA= 1970.15	L= 1.36287E-03
T= 1698	TA= 1971.15	L= 1.37066E-03
T= 1699	TA= 1972.15	L= 1.37848E-03

T= 1700	TA= 1973.15	L= 1.38634E-03
T= 1701	TA= 1974.15	L= 1.39423E-03
T= 1702	TA= 1975.15	L= 1.40217E-03
T= 1703	TA= 1976.15	L= 1.41014E-03
T= 1704	TA= 1977.15	L= 1.41815E-03
T= 1705	TA= 1978.15	L= 1.42619E-03
T= 1706	TA= 1979.15	L= 1.43427E-03
T= 1707	TA= 1980.15	L= 1.44239E-03
T= 1708	TA= 1981.15	L= 1.45055E-03
T= 1709	TA= 1982.15	L= 1.45874E-03
T= 1710	TA= 1983.15	L= 1.46697E-03
T= 1711	TA= 1984.15	L= 1.47525E-03
T= 1712	TA= 1985.15	L= 1.48356E-03
T= 1713	TA= 1986.15	L= 1.49191E-03
T= 1714	TA= 1987.15	L= 1.50029E-03
T= 1715	TA= 1988.15	L= 1.50872E-03
T= 1716	TA= 1989.15	L= 1.51718E-03
T= 1717	TA= 1990.15	L= 1.52568E-03
T= 1718	TA= 1991.15	L= 1.53422E-03
T= 1719	TA= 1992.15	L= 1.54280E-03
T= 1720	TA= 1993.15	L= 1.55142E-03
T= 1721	TA= 1994.15	L= 1.56008E-03
T= 1722	TA= 1995.15	L= 1.56878E-03
T= 1723	TA= 1996.15	L= 1.57752E-03
T= 1724	TA= 1997.15	L= 1.58630E-03
T= 1725	TA= 1998.15	L= 1.59512E-03
T= 1726	TA= 1999.15	L= 1.60398E-03
T= 1727	TA= 2000.15	L= 1.61288E-03
T= 1728	TA= 2001.15	L= 1.62182E-03
T= 1729	TA= 2002.15	L= 1.63080E-03
T= 1730	TA= 2003.15	L= 1.63982E-03
T= 1731	TA= 2004.15	L= 1.64888E-03
T= 1732	TA= 2005.15	L= 1.65798E-03
T= 1733	TA= 2006.15	L= 1.66712E-03
T= 1734	TA= 2007.15	L= 1.67631E-03
T= 1735	TA= 2008.15	L= 1.68554E-03
T= 1736	TA= 2009.15	L= 1.69480E-03
T= 1737	TA= 2010.15	L= 1.70411E-03
T= 1738	TA= 2011.15	L= 1.71346E-03
T= 1739	TA= 2012.15	L= 1.72286E-03
T= 1740	TA= 2013.15	L= 1.73229E-03
T= 1741	TA= 2014.15	L= 1.74177E-03
T= 1742	TA= 2015.15	L= 1.75129E-03
T= 1743	TA= 2016.15	L= 1.76085E-03
T= 1744	TA= 2017.15	L= 1.77046E-03
T= 1745	TA= 2018.15	L= 1.78010E-03
T= 1746	TA= 2019.15	L= 1.78980E-03
T= 1747	TA= 2020.15	L= 1.79953E-03
T= 1748	TA= 2021.15	L= 1.80931E-03
T= 1749	TA= 2022.15	L= 1.81913E-03

T= 1750	TA= 2023.15	L= 1.82899E-03
T= 1751	TA= 2024.15	L= 1.83890E-03
T= 1752	TA= 2025.15	L= 1.84885E-03
T= 1753	TA= 2026.15	L= 1.85885E-03
T= 1754	TA= 2027.15	L= 1.86889E-03
T= 1755	TA= 2028.15	L= 1.87897E-03
T= 1756	TA= 2029.15	L= 1.88910E-03
T= 1757	TA= 2030.15	L= 1.89927E-03
T= 1758	TA= 2031.15	L= 1.90949E-03
T= 1759	TA= 2032.15	L= 1.91975E-03
T= 1760	TA= 2033.15	L= 1.93005E-03
T= 1761	TA= 2034.15	L= 1.94041E-03
T= 1762	TA= 2035.15	L= 1.95080E-03
T= 1763	TA= 2036.15	L= 1.96125E-03
T= 1764	TA= 2037.15	L= 1.97174E-03
T= 1765	TA= 2038.15	L= 1.98227E-03
T= 1766	TA= 2039.15	L= 1.99285E-03
T= 1767	TA= 2040.15	L= 2.00348E-03
T= 1768	TA= 2041.15	L= 2.01415E-03
T= 1769	TA= 2042.15	L= 2.02487E-03
T= 1770	TA= 2043.15	L= 2.03563E-03
T= 1771	TA= 2044.15	L= 2.04644E-03
T= 1772	TA= 2045.15	L= 2.05730E-03
T= 1773	TA= 2046.15	L= 2.06821E-03
T= 1774	TA= 2047.15	L= 2.07916E-03
T= 1775	TA= 2048.15	L= 2.09016E-03
T= 1776	TA= 2049.15	L= 2.10121E-03
T= 1777	TA= 2050.15	L= 2.11230E-03
T= 1778	TA= 2051.15	L= 2.12344E-03
T= 1779	TA= 2052.15	L= 2.13463E-03
T= 1780	TA= 2053.15	L= 2.14587E-03
T= 1781	TA= 2054.15	L= 2.15715E-03
T= 1782	TA= 2055.15	L= 2.16849E-03
T= 1783	TA= 2056.15	L= 2.17987E-03
T= 1784	TA= 2057.15	L= 2.19130E-03
T= 1785	TA= 2058.15	L= 2.20278E-03
T= 1786	TA= 2059.15	L= 2.21431E-03
T= 1787	TA= 2060.15	L= 2.22589E-03
T= 1788	TA= 2061.15	L= 2.23752E-03
T= 1789	TA= 2062.15	L= 2.24920E-03
T= 1790	TA= 2063.15	L= 2.26092E-03
T= 1791	TA= 2064.15	L= 2.27270E-03
T= 1792	TA= 2065.15	L= 2.28452E-03
T= 1793	TA= 2066.15	L= 2.29640E-03
T= 1794	TA= 2067.15	L= 2.30832E-03
T= 1795	TA= 2068.15	L= 2.32030E-03
T= 1796	TA= 2069.15	L= 2.33233E-03
T= 1797	TA= 2070.15	L= 2.34441E-03
T= 1798	TA= 2071.15	L= 2.35653E-03
T= 1799	TA= 2072.15	L= 2.36871E-03

T= 1800	TA= 2073.15	L= 2.38094E-03
T= 1801	TA= 2074.15	L= 2.39322E-03
T= 1802	TA= 2075.15	L= 2.40556E-03
T= 1803	TA= 2076.15	L= 2.41794E-03
T= 1804	TA= 2077.15	L= 2.43038E-03
T= 1805	TA= 2078.15	L= 2.44287E-03
T= 1806	TA= 2079.15	L= 2.45541E-03
T= 1807	TA= 2080.15	L= 2.46800E-03
T= 1808	TA= 2081.15	L= 2.48064E-03
T= 1809	TA= 2082.15	L= 2.49334E-03
T= 1810	TA= 2083.15	L= 2.50609E-03
T= 1811	TA= 2084.15	L= 2.51890E-03
T= 1812	TA= 2085.15	L= 2.53175E-03
T= 1813	TA= 2086.15	L= 2.54466E-03
T= 1814	TA= 2087.15	L= 2.55762E-03
T= 1815	TA= 2088.15	L= 2.57064E-03
T= 1816	TA= 2089.15	L= 2.58371E-03
T= 1817	TA= 2090.15	L= 2.59683E-03
T= 1818	TA= 2091.15	L= 2.61001E-03
T= 1819	TA= 2092.15	L= 2.62324E-03
T= 1820	TA= 2093.15	L= 2.63653E-03
T= 1821	TA= 2094.15	L= 2.64987E-03
T= 1822	TA= 2095.15	L= 2.66326E-03
T= 1823	TA= 2096.15	L= 2.67671E-03
T= 1824	TA= 2097.15	L= 2.69022E-03
T= 1825	TA= 2098.15	L= 2.70378E-03
T= 1826	TA= 2099.15	L= 2.71740E-03
T= 1827	TA= 2100.15	L= 2.73107E-03
T= 1828	TA= 2101.15	L= 2.74479E-03
T= 1829	TA= 2102.15	L= 2.75857E-03
T= 1830	TA= 2103.15	L= 2.77241E-03
T= 1831	TA= 2104.15	L= 2.78631E-03
T= 1832	TA= 2105.15	L= 2.80026E-03
T= 1833	TA= 2106.15	L= 2.81426E-03
T= 1834	TA= 2107.15	L= 2.82833E-03
T= 1835	TA= 2108.15	L= 2.84245E-03
T= 1836	TA= 2109.15	L= 2.85663E-03
T= 1837	TA= 2110.15	L= 2.87087E-03
T= 1838	TA= 2111.15	L= 2.88516E-03
T= 1839	TA= 2112.15	L= 2.89951E-03
T= 1840	TA= 2113.15	L= 2.91392E-03
T= 1841	TA= 2114.15	L= 2.92839E-03
T= 1842	TA= 2115.15	L= 2.94290E-03
T= 1843	TA= 2116.15	L= 2.95749E-03
T= 1844	TA= 2117.15	L= 2.97213E-03
T= 1845	TA= 2118.15	L= 2.98683E-03
T= 1846	TA= 2119.15	L= 3.00158E-03
T= 1847	TA= 2120.15	L= 3.01640E-03
T= 1848	TA= 2121.15	L= 3.03128E-03
T= 1849	TA= 2122.15	L= 3.04622E-03

T= 1850	TA= 2123.15	L= 3.06121E-03
T= 1851	TA= 2124.15	L= 3.07626E-03
T= 1852	TA= 2125.15	L= 3.09137E-03
T= 1853	TA= 2126.15	L= 3.10655E-03
T= 1854	TA= 2127.15	L= 3.12178E-03
T= 1855	TA= 2128.15	L= 3.13708E-03
T= 1856	TA= 2129.15	L= 3.15243E-03
T= 1857	TA= 2130.15	L= 3.16785E-03
T= 1858	TA= 2131.15	L= 3.18332E-03
T= 1859	TA= 2132.15	L= 3.19886E-03
T= 1860	TA= 2133.15	L= 3.21446E-03
T= 1861	TA= 2134.15	L= 3.23012E-03
T= 1862	TA= 2135.15	L= 3.24584E-03
T= 1863	TA= 2136.15	L= 3.26163E-03
T= 1864	TA= 2137.15	L= 3.27746E-03
T= 1865	TA= 2138.15	L= 3.29338E-03
T= 1866	TA= 2139.15	L= 3.30934E-03
T= 1867	TA= 2140.15	L= 3.32537E-03
T= 1868	TA= 2141.15	L= 3.34147E-03
T= 1869	TA= 2142.15	L= 3.35762E-03
T= 1870	TA= 2143.15	L= 3.37384E-03
T= 1871	TA= 2144.15	L= 3.39013E-03
T= 1872	TA= 2145.15	L= 3.40647E-03
T= 1873	TA= 2146.15	L= 3.42288E-03
T= 1874	TA= 2147.15	L= 3.43935E-03
T= 1875	TA= 2148.15	L= 3.45589E-03
T= 1876	TA= 2149.15	L= 3.47249E-03
T= 1877	TA= 2150.15	L= 3.48916E-03
T= 1878	TA= 2151.15	L= 3.50589E-03
T= 1879	TA= 2152.15	L= 3.52268E-03
T= 1880	TA= 2153.15	L= 3.53954E-03
T= 1881	TA= 2154.15	L= 3.55646E-03
T= 1882	TA= 2155.15	L= 3.57345E-03
T= 1883	TA= 2156.15	L= 3.59050E-03
T= 1884	TA= 2157.15	L= 3.60762E-03
T= 1885	TA= 2158.15	L= 3.62481E-03
T= 1886	TA= 2159.15	L= 3.64206E-03
T= 1887	TA= 2160.15	L= 3.65938E-03
T= 1888	TA= 2161.15	L= 3.67676E-03
T= 1889	TA= 2162.15	L= 3.69421E-03
T= 1890	TA= 2163.15	L= 3.71173E-03
T= 1891	TA= 2164.15	L= 3.72931E-03
T= 1892	TA= 2165.15	L= 3.74696E-03
T= 1893	TA= 2166.15	L= 3.76467E-03
T= 1894	TA= 2167.15	L= 3.78246E-03
T= 1895	TA= 2168.15	L= 3.80031E-03
T= 1896	TA= 2169.15	L= 3.81823E-03
T= 1897	TA= 2170.15	L= 3.83622E-03
T= 1898	TA= 2171.15	L= 3.85428E-03
T= 1899	TA= 2172.15	L= 3.87240E-03

T= 1900	TA= 2173.15	L= 3.89059E-03
T= 1901	TA= 2174.15	L= 3.90885E-03
T= 1902	TA= 2175.15	L= 3.92718E-03
T= 1903	TA= 2176.15	L= 3.94558E-03
T= 1904	TA= 2177.15	L= 3.96405E-03
T= 1905	TA= 2178.15	L= 3.98258E-03
T= 1906	TA= 2179.15	L= 4.00119E-03
T= 1907	TA= 2180.15	L= 4.01986E-03
T= 1908	TA= 2181.15	L= 4.03861E-03
T= 1909	TA= 2182.15	L= 4.05743E-03
T= 1910	TA= 2183.15	L= 4.07631E-03
T= 1911	TA= 2184.15	L= 4.09528E-03
T= 1912	TA= 2185.15	L= 4.11430E-03
T= 1913	TA= 2186.15	L= 4.13340E-03
T= 1914	TA= 2187.15	L= 4.15257E-03
T= 1915	TA= 2188.15	L= 4.17181E-03
T= 1916	TA= 2189.15	L= 4.19112E-03
T= 1917	TA= 2190.15	L= 4.21051E-03
T= 1918	TA= 2191.15	L= 4.22996E-03
T= 1919	TA= 2192.15	L= 4.24949E-03
T= 1920	TA= 2193.15	L= 4.26909E-03
T= 1921	TA= 2194.15	L= 4.28876E-03
T= 1922	TA= 2195.15	L= 4.30851E-03
T= 1923	TA= 2196.15	L= 4.32833E-03
T= 1924	TA= 2197.15	L= 4.34821E-03
T= 1925	TA= 2198.15	L= 4.36818E-03
T= 1926	TA= 2199.15	L= 4.38822E-03
T= 1927	TA= 2200.15	L= 4.40833E-03
T= 1928	TA= 2201.15	L= 4.42852E-03
T= 1929	TA= 2202.15	L= 4.44877E-03
T= 1930	TA= 2203.15	L= 4.46911E-03
T= 1931	TA= 2204.15	L= 4.48951E-03
T= 1932	TA= 2205.15	L= 4.51000E-03
T= 1933	TA= 2206.15	L= 4.53055E-03
T= 1934	TA= 2207.15	L= 4.55118E-03
T= 1935	TA= 2208.15	L= 4.57189E-03
T= 1936	TA= 2209.15	L= 4.59268E-03
T= 1937	TA= 2210.15	L= 4.61353E-03
T= 1938	TA= 2211.15	L= 4.63446E-03
T= 1939	TA= 2212.15	L= 4.65547E-03
T= 1940	TA= 2213.15	L= 4.67656E-03
T= 1941	TA= 2214.15	L= 4.69772E-03
T= 1942	TA= 2215.15	L= 4.71896E-03
T= 1943	TA= 2216.15	L= 4.74028E-03
T= 1944	TA= 2217.15	L= 4.76166E-03
T= 1945	TA= 2218.15	L= 4.78314E-03
T= 1946	TA= 2219.15	L= 4.80468E-03
T= 1947	TA= 2220.15	L= 4.82631E-03
T= 1948	TA= 2221.15	L= 4.84801E-03
T= 1949	TA= 2222.15	L= 4.86980E-03

T= 1950	TA= 2223.15	L= 4.89164E-03
T= 1951	TA= 2224.15	L= 4.91358E-03
T= 1952	TA= 2225.15	L= 4.93560E-03
T= 1953	TA= 2226.15	L= 4.95769E-03
T= 1954	TA= 2227.15	L= 4.97986E-03
T= 1955	TA= 2228.15	L= 5.00211E-03
T= 1956	TA= 2229.15	L= 5.02445E-03
T= 1957	TA= 2230.15	L= 5.04686E-03
T= 1958	TA= 2231.15	L= 5.06935E-03
T= 1959	TA= 2232.15	L= 5.09192E-03
T= 1960	TA= 2233.15	L= 5.11456E-03
T= 1961	TA= 2234.15	L= 5.13730E-03
T= 1962	TA= 2235.15	L= 5.16011E-03
T= 1963	TA= 2236.15	L= 5.18301E-03
T= 1964	TA= 2237.15	L= 5.20597E-03
T= 1965	TA= 2238.15	L= 5.22903E-03
T= 1966	TA= 2239.15	L= 5.25216E-03
T= 1967	TA= 2240.15	L= 5.27537E-03
T= 1968	TA= 2241.15	L= 5.29868E-03
T= 1969	TA= 2242.15	L= 5.32206E-03
T= 1970	TA= 2243.15	L= 5.34552E-03
T= 1971	TA= 2244.15	L= 5.36906E-03
T= 1972	TA= 2245.15	L= 5.39269E-03
T= 1973	TA= 2246.15	L= 5.41640E-03
T= 1974	TA= 2247.15	L= 5.44020E-03
T= 1975	TA= 2248.15	L= 5.46407E-03
T= 1976	TA= 2249.15	L= 5.48804E-03
T= 1977	TA= 2250.15	L= 5.51208E-03
T= 1978	TA= 2251.15	L= 5.53621E-03
T= 1979	TA= 2252.15	L= 5.56042E-03
T= 1980	TA= 2253.15	L= 5.58471E-03
T= 1981	TA= 2254.15	L= 5.60910E-03
T= 1982	TA= 2255.15	L= 5.63356E-03
T= 1983	TA= 2256.15	L= 5.65811E-03
T= 1984	TA= 2257.15	L= 5.68274E-03
T= 1985	TA= 2258.15	L= 5.70747E-03
T= 1986	TA= 2259.15	L= 5.73227E-03
T= 1987	TA= 2260.15	L= 5.75717E-03
T= 1988	TA= 2261.15	L= 5.78215E-03
T= 1989	TA= 2262.15	L= 5.80720E-03
T= 1990	TA= 2263.15	L= 5.83236E-03
T= 1991	TA= 2264.15	L= 5.85759E-03
T= 1992	TA= 2265.15	L= 5.88292E-03
T= 1993	TA= 2266.15	L= 5.90833E-03
T= 1994	TA= 2267.15	L= 5.93382E-03
T= 1995	TA= 2268.15	L= 5.95941E-03
T= 1996	TA= 2269.15	L= 5.98508E-03
T= 1997	TA= 2270.15	L= 6.01084E-03
T= 1998	TA= 2271.15	L= 6.03669E-03
T= 1999	TA= 2272.15	L= 6.06262E-03

T= 2000	TA= 2273.15	L= 6.08865E-03
T= 2001	TA= 2274.15	L= 6.11477E-03
T= 2002	TA= 2275.15	L= 6.14097E-03
T= 2003	TA= 2276.15	L= 6.16726E-03
T= 2004	TA= 2277.15	L= 6.19364E-03
T= 2005	TA= 2278.15	L= 6.22012E-03
T= 2006	TA= 2279.15	L= 6.24668E-03
T= 2007	TA= 2280.15	L= 6.27333E-03
T= 2008	TA= 2281.15	L= 6.30008E-03
T= 2009	TA= 2282.15	L= 6.32691E-03
T= 2010	TA= 2283.15	L= 6.35382E-03
T= 2011	TA= 2284.15	L= 6.38084E-03
T= 2012	TA= 2285.15	L= 6.40794E-03
T= 2013	TA= 2286.15	L= 6.43513E-03
T= 2014	TA= 2287.15	L= 6.46241E-03
T= 2015	TA= 2288.15	L= 6.48980E-03
T= 2016	TA= 2289.15	L= 6.51727E-03
T= 2017	TA= 2290.15	L= 6.54483E-03
T= 2018	TA= 2291.15	L= 6.57249E-03
T= 2019	TA= 2292.15	L= 6.60024E-03
T= 2020	TA= 2293.15	L= 6.62806E-03
T= 2021	TA= 2294.15	L= 6.65600E-03
T= 2022	TA= 2295.15	L= 6.68404E-03
T= 2023	TA= 2296.15	L= 6.71215E-03
T= 2024	TA= 2297.15	L= 6.74037E-03
T= 2025	TA= 2298.15	L= 6.76867E-03
T= 2026	TA= 2299.15	L= 6.79707E-03
T= 2027	TA= 2300.15	L= 6.82558E-03
T= 2028	TA= 2301.15	L= 6.85416E-03
T= 2029	TA= 2302.15	L= 6.88284E-03
T= 2030	TA= 2303.15	L= 6.91163E-03
T= 2031	TA= 2304.15	L= 6.94051E-03
T= 2032	TA= 2305.15	L= 6.96947E-03
T= 2033	TA= 2306.15	L= 6.99854E-03
T= 2034	TA= 2307.15	L= 7.02770E-03
T= 2035	TA= 2308.15	L= 7.05696E-03
T= 2036	TA= 2309.15	L= 7.08631E-03
T= 2037	TA= 2310.15	L= 7.11577E-03
T= 2038	TA= 2311.15	L= 7.14531E-03
T= 2039	TA= 2312.15	L= 7.17496E-03
T= 2040	TA= 2313.15	L= 7.20470E-03
T= 2041	TA= 2314.15	L= 7.23454E-03
T= 2042	TA= 2315.15	L= 7.26447E-03
T= 2043	TA= 2316.15	L= 7.29451E-03
T= 2044	TA= 2317.15	L= 7.32464E-03
T= 2045	TA= 2318.15	L= 7.35488E-03
T= 2046	TA= 2319.15	L= 7.38521E-03
T= 2047	TA= 2320.15	L= 7.41564E-03
T= 2048	TA= 2321.15	L= 7.44617E-03
T= 2049	TA= 2322.15	L= 7.47679E-03

T= 2050	TA= 2323.15	L= 7.50752E-03
T= 2051	TA= 2324.15	L= 7.53835E-03
T= 2052	TA= 2325.15	L= 7.56927E-03
T= 2053	TA= 2326.15	L= 7.60031E-03
T= 2054	TA= 2327.15	L= 7.63142E-03
T= 2055	TA= 2328.15	L= 7.66266E-03
T= 2056	TA= 2329.15	L= 7.69398E-03
T= 2057	TA= 2330.15	L= 7.72541E-03
T= 2058	TA= 2331.15	L= 7.75695E-03
T= 2059	TA= 2332.15	L= 7.78858E-03
T= 2060	TA= 2333.15	L= 7.82031E-03
T= 2061	TA= 2334.15	L= 7.85213E-03
T= 2062	TA= 2335.15	L= 7.88407E-03
T= 2063	TA= 2336.15	L= 7.91613E-03
T= 2064	TA= 2337.15	L= 7.94826E-03
T= 2065	TA= 2338.15	L= 7.98052E-03
T= 2066	TA= 2339.15	L= 8.01285E-03
T= 2067	TA= 2340.15	L= 8.04530E-03
T= 2068	TA= 2341.15	L= 8.07787E-03
T= 2069	TA= 2342.15	L= 8.11053E-03
T= 2070	TA= 2343.15	L= 8.14329E-03
T= 2071	TA= 2344.15	L= 8.17616E-03
T= 2072	TA= 2345.15	L= 8.20914E-03
T= 2073	TA= 2346.15	L= 8.24221E-03
T= 2074	TA= 2347.15	L= 8.27538E-03
T= 2075	TA= 2348.15	L= 8.30868E-03
T= 2076	TA= 2349.15	L= 8.34206E-03
T= 2077	TA= 2350.15	L= 8.37556E-03
T= 2078	TA= 2351.15	L= 8.40916E-03
T= 2079	TA= 2352.15	L= 8.44289E-03
T= 2080	TA= 2353.15	L= 8.47669E-03
T= 2081	TA= 2354.15	L= 8.51062E-03
T= 2082	TA= 2355.15	L= 8.54464E-03
T= 2083	TA= 2356.15	L= 8.57878E-03
T= 2084	TA= 2357.15	L= 8.61303E-03
T= 2085	TA= 2358.15	L= 8.64737E-03
T= 2086	TA= 2359.15	L= 8.68183E-03
T= 2087	TA= 2360.15	L= 8.71640E-03
T= 2088	TA= 2361.15	L= 8.75109E-03
T= 2089	TA= 2362.15	L= 8.78586E-03
T= 2090	TA= 2363.15	L= 8.82075E-03
T= 2091	TA= 2364.15	L= 8.85575E-03
T= 2092	TA= 2365.15	L= 8.89088E-03
T= 2093	TA= 2366.15	L= 8.92608E-03
T= 2094	TA= 2367.15	L= 8.96142E-03
T= 2095	TA= 2368.15	L= 8.99686E-03
T= 2096	TA= 2369.15	L= 9.03241E-03
T= 2097	TA= 2370.15	L= 9.06806E-03
T= 2098	TA= 2371.15	L= 9.10383E-03
T= 2099	TA= 2372.15	L= 9.13971E-03

T= 2100	TA= 2373.15	L= 9.17571E-03
T= 2101	TA= 2374.15	L= 9.21180E-03
T= 2102	TA= 2375.15	L= 9.24802E-03
T= 2103	TA= 2376.15	L= 9.28435E-03
T= 2104	TA= 2377.15	L= 9.32079E-03
T= 2105	TA= 2378.15	L= 9.35734E-03
T= 2106	TA= 2379.15	L= 9.39401E-03
T= 2107	TA= 2380.15	L= 9.43079E-03
T= 2108	TA= 2381.15	L= 9.46765E-03
T= 2109	TA= 2382.15	L= 9.50467E-03
T= 2110	TA= 2383.15	L= 9.54178E-03
T= 2111	TA= 2384.15	L= 9.57901E-03
T= 2112	TA= 2385.15	L= 9.61635E-03
T= 2113	TA= 2386.15	L= 9.65380E-03
T= 2114	TA= 2387.15	L= 9.69139E-03
T= 2115	TA= 2388.15	L= 9.72906E-03
T= 2116	TA= 2389.15	L= 9.76686E-03
T= 2117	TA= 2390.15	L= 9.80477E-03
T= 2118	TA= 2391.15	L= 9.84282E-03
T= 2119	TA= 2392.15	L= 9.88097E-03
T= 2120	TA= 2393.15	L= 9.91923E-03
T= 2121	TA= 2394.15	L= 9.95760E-03
T= 2122	TA= 2395.15	L= 9.99610E-03
T= 2123	TA= 2396.15	L= 1.00347E-02
T= 2124	TA= 2397.15	L= 1.00734E-02
T= 2125	TA= 2398.15	L= 1.01123E-02
T= 2126	TA= 2399.15	L= 1.01512E-02
T= 2127	TA= 2400.15	L= 1.01903E-02
T= 2128	TA= 2401.15	L= 1.02295E-02
T= 2129	TA= 2402.15	L= 1.02688E-02
T= 2130	TA= 2403.15	L= 1.03083E-02
T= 2131	TA= 2404.15	L= 1.03478E-02
T= 2132	TA= 2405.15	L= 1.03875E-02
T= 2133	TA= 2406.15	L= 1.04273E-02
T= 2134	TA= 2407.15	L= 1.04672E-02
T= 2135	TA= 2408.15	L= 1.05072E-02
T= 2136	TA= 2409.15	L= 1.05474E-02
T= 2137	TA= 2410.15	L= 1.05876E-02
T= 2138	TA= 2411.15	L= 1.06280E-02
T= 2139	TA= 2412.15	L= 1.06685E-02
T= 2140	TA= 2413.15	L= 1.07092E-02
T= 2141	TA= 2414.15	L= 1.07499E-02
T= 2142	TA= 2415.15	L= 1.07908E-02
T= 2143	TA= 2416.15	L= 1.08318E-02
T= 2144	TA= 2417.15	L= 1.08729E-02
T= 2145	TA= 2418.15	L= 1.09141E-02
T= 2146	TA= 2419.15	L= 1.09555E-02
T= 2147	TA= 2420.15	L= 1.09970E-02
T= 2148	TA= 2421.15	L= 1.10386E-02
T= 2149	TA= 2422.15	L= 1.10803E-02

T= 2150	TA= 2423.15	L= 1.11221E-02
T= 2151	TA= 2424.15	L= 1.11641E-02
T= 2152	TA= 2425.15	L= 1.12062E-02
T= 2153	TA= 2426.15	L= 1.12484E-02
T= 2154	TA= 2427.15	L= 1.12907E-02
T= 2155	TA= 2428.15	L= 1.13332E-02
T= 2156	TA= 2429.15	L= 1.13758E-02
T= 2157	TA= 2430.15	L= 1.14185E-02
T= 2158	TA= 2431.15	L= 1.14614E-02
T= 2159	TA= 2432.15	L= 1.15043E-02
T= 2160	TA= 2433.15	L= 1.15474E-02
T= 2161	TA= 2434.15	L= 1.15907E-02
T= 2162	TA= 2435.15	L= 1.16340E-02
T= 2163	TA= 2436.15	L= 1.16775E-02
T= 2164	TA= 2437.15	L= 1.17211E-02
T= 2165	TA= 2438.15	L= 1.17648E-02
T= 2166	TA= 2439.15	L= 1.18087E-02
T= 2167	TA= 2440.15	L= 1.18526E-02
T= 2168	TA= 2441.15	L= 1.18967E-02
T= 2169	TA= 2442.15	L= 1.19410E-02
T= 2170	TA= 2443.15	L= 1.19853E-02
T= 2171	TA= 2444.15	L= 1.20298E-02
T= 2172	TA= 2445.15	L= 1.20744E-02
T= 2173	TA= 2446.15	L= 1.21192E-02
T= 2174	TA= 2447.15	L= 1.21641E-02
T= 2175	TA= 2448.15	L= 1.22091E-02
T= 2176	TA= 2449.15	L= 1.22542E-02
T= 2177	TA= 2450.15	L= 1.22995E-02
T= 2178	TA= 2451.15	L= 1.23449E-02
T= 2179	TA= 2452.15	L= 1.23904E-02
T= 2180	TA= 2453.15	L= 1.24361E-02
T= 2181	TA= 2454.15	L= 1.24818E-02
T= 2182	TA= 2455.15	L= 1.25278E-02
T= 2183	TA= 2456.15	L= 1.25738E-02
T= 2184	TA= 2457.15	L= 1.26200E-02
T= 2185	TA= 2458.15	L= 1.26663E-02
T= 2186	TA= 2459.15	L= 1.27128E-02
T= 2187	TA= 2460.15	L= 1.27593E-02
T= 2188	TA= 2461.15	L= 1.28061E-02
T= 2189	TA= 2462.15	L= 1.28529E-02
T= 2190	TA= 2463.15	L= 1.28999E-02
T= 2191	TA= 2464.15	L= 1.29470E-02
T= 2192	TA= 2465.15	L= 1.29942E-02
T= 2193	TA= 2466.15	L= 1.30416E-02
T= 2194	TA= 2467.15	L= 1.30891E-02
T= 2195	TA= 2468.15	L= 1.31368E-02
T= 2196	TA= 2469.15	L= 1.31845E-02
T= 2197	TA= 2470.15	L= 1.32325E-02
T= 2198	TA= 2471.15	L= 1.32805E-02
T= 2199	TA= 2472.15	L= 1.33287E-02

T= 2200	TA= 2473.15	L= 1.33770E-02
T= 2201	TA= 2474.15	L= 1.34255E-02
T= 2202	TA= 2475.15	L= 1.34741E-02
T= 2203	TA= 2476.15	L= 1.35228E-02
T= 2204	TA= 2477.15	L= 1.35717E-02
T= 2205	TA= 2478.15	L= 1.36207E-02
T= 2206	TA= 2479.15	L= 1.36698E-02
T= 2207	TA= 2480.15	L= 1.37191E-02
T= 2208	TA= 2481.15	L= 1.37685E-02
T= 2209	TA= 2482.15	L= 1.38181E-02
T= 2210	TA= 2483.15	L= 1.38678E-02
T= 2211	TA= 2484.15	L= 1.39176E-02
T= 2212	TA= 2485.15	L= 1.39676E-02
T= 2213	TA= 2486.15	L= 1.40177E-02
T= 2214	TA= 2487.15	L= 1.40679E-02
T= 2215	TA= 2488.15	L= 1.41183E-02
T= 2216	TA= 2489.15	L= 1.41689E-02
T= 2217	TA= 2490.15	L= 1.42195E-02
T= 2218	TA= 2491.15	L= 1.42703E-02
T= 2219	TA= 2492.15	L= 1.43213E-02
T= 2220	TA= 2493.15	L= 1.43724E-02
T= 2221	TA= 2494.15	L= 1.44236E-02
T= 2222	TA= 2495.15	L= 1.44750E-02
T= 2223	TA= 2496.15	L= 1.45265E-02
T= 2224	TA= 2497.15	L= 1.45781E-02
T= 2225	TA= 2498.15	L= 1.46300E-02
T= 2226	TA= 2499.15	L= 1.46819E-02
T= 2227	TA= 2500.15	L= 1.47340E-02
T= 2228	TA= 2501.15	L= 1.47862E-02
T= 2229	TA= 2502.15	L= 1.48386E-02
T= 2230	TA= 2503.15	L= 1.48911E-02
T= 2231	TA= 2504.15	L= 1.49437E-02
T= 2232	TA= 2505.15	L= 1.49965E-02
T= 2233	TA= 2506.15	L= 1.50495E-02
T= 2234	TA= 2507.15	L= 1.51026E-02
T= 2235	TA= 2508.15	L= 1.51558E-02
T= 2236	TA= 2509.15	L= 1.52092E-02
T= 2237	TA= 2510.15	L= 1.52627E-02
T= 2238	TA= 2511.15	L= 1.53164E-02
T= 2239	TA= 2512.15	L= 1.53702E-02
T= 2240	TA= 2513.15	L= 1.54242E-02
T= 2241	TA= 2514.15	L= 1.54782E-02
T= 2242	TA= 2515.15	L= 1.55325E-02
T= 2243	TA= 2516.15	L= 1.55869E-02
T= 2244	TA= 2517.15	L= 1.56415E-02
T= 2245	TA= 2518.15	L= 1.56962E-02
T= 2246	TA= 2519.15	L= 1.57510E-02
T= 2247	TA= 2520.15	L= 1.58060E-02
T= 2248	TA= 2521.15	L= 1.58611E-02
T= 2249	TA= 2522.15	L= 1.59164E-02

T= 2250	TA= 2523.15	L= 1.59718E-02
T= 2251	TA= 2524.15	L= 1.60274E-02
T= 2252	TA= 2525.15	L= 1.60832E-02
T= 2253	TA= 2526.15	L= 1.61390E-02
T= 2254	TA= 2527.15	L= 1.61951E-02
T= 2255	TA= 2528.15	L= 1.62513E-02
T= 2256	TA= 2529.15	L= 1.63076E-02
T= 2257	TA= 2530.15	L= 1.63641E-02
T= 2258	TA= 2531.15	L= 1.64207E-02
T= 2259	TA= 2532.15	L= 1.64775E-02
T= 2260	TA= 2533.15	L= 1.65344E-02
T= 2261	TA= 2534.15	L= 1.65915E-02
T= 2262	TA= 2535.15	L= 1.66488E-02
T= 2263	TA= 2536.15	L= 1.67061E-02
T= 2264	TA= 2537.15	L= 1.67637E-02
T= 2265	TA= 2538.15	L= 1.68214E-02
T= 2266	TA= 2539.15	L= 1.68793E-02
T= 2267	TA= 2540.15	L= 1.69373E-02
T= 2268	TA= 2541.15	L= 1.69954E-02
T= 2269	TA= 2542.15	L= 1.70538E-02
T= 2270	TA= 2543.15	L= 1.71122E-02
T= 2271	TA= 2544.15	L= 1.71708E-02
T= 2272	TA= 2545.15	L= 1.72296E-02
T= 2273	TA= 2546.15	L= 1.72886E-02
T= 2274	TA= 2547.15	L= 1.73476E-02
T= 2275	TA= 2548.15	L= 1.74069E-02
T= 2276	TA= 2549.15	L= 1.74663E-02
T= 2277	TA= 2550.15	L= 1.75258E-02
T= 2278	TA= 2551.15	L= 1.75855E-02
T= 2279	TA= 2552.15	L= 1.76454E-02
T= 2280	TA= 2553.15	L= 1.77054E-02
T= 2281	TA= 2554.15	L= 1.77656E-02
T= 2282	TA= 2555.15	L= 1.78259E-02
T= 2283	TA= 2556.15	L= 1.78864E-02
T= 2284	TA= 2557.15	L= 1.79471E-02
T= 2285	TA= 2558.15	L= 1.80079E-02
T= 2286	TA= 2559.15	L= 1.80689E-02
T= 2287	TA= 2560.15	L= 1.81300E-02
T= 2288	TA= 2561.15	L= 1.81913E-02
T= 2289	TA= 2562.15	L= 1.82527E-02
T= 2290	TA= 2563.15	L= 1.83143E-02
T= 2291	TA= 2564.15	L= 1.83761E-02
T= 2292	TA= 2565.15	L= 1.84380E-02
T= 2293	TA= 2566.15	L= 1.85001E-02
T= 2294	TA= 2567.15	L= 1.85623E-02
T= 2295	TA= 2568.15	L= 1.86247E-02
T= 2296	TA= 2569.15	L= 1.86873E-02
T= 2297	TA= 2570.15	L= 1.87500E-02
T= 2298	TA= 2571.15	L= 1.88129E-02
T= 2299	TA= 2572.15	L= 1.88759E-02

T= 2300	TA= 2573.15	L= 1.89392E-02
T= 2301	TA= 2574.15	L= 1.90026E-02
T= 2302	TA= 2575.15	L= 1.90661E-02
T= 2303	TA= 2576.15	L= 1.91298E-02
T= 2304	TA= 2577.15	L= 1.91936E-02
T= 2305	TA= 2578.15	L= 1.92577E-02
T= 2306	TA= 2579.15	L= 1.93218E-02
T= 2307	TA= 2580.15	L= 1.93862E-02
T= 2308	TA= 2581.15	L= 1.94507E-02
T= 2309	TA= 2582.15	L= 1.95154E-02
T= 2310	TA= 2583.15	L= 1.95802E-02
T= 2311	TA= 2584.15	L= 1.96453E-02
T= 2312	TA= 2585.15	L= 1.97104E-02
T= 2313	TA= 2586.15	L= 1.97758E-02
T= 2314	TA= 2587.15	L= 1.98413E-02
T= 2315	TA= 2588.15	L= 1.99070E-02
T= 2316	TA= 2589.15	L= 1.99728E-02
T= 2317	TA= 2590.15	L= 2.00388E-02
T= 2318	TA= 2591.15	L= 2.01050E-02
T= 2319	TA= 2592.15	L= 2.01713E-02
T= 2320	TA= 2593.15	L= 2.02379E-02
T= 2321	TA= 2594.15	L= 2.03045E-02
T= 2322	TA= 2595.15	L= 2.03714E-02
T= 2323	TA= 2596.15	L= 2.04384E-02
T= 2324	TA= 2597.15	L= 2.05056E-02
T= 2325	TA= 2598.15	L= 2.05729E-02
T= 2326	TA= 2599.15	L= 2.06405E-02
T= 2327	TA= 2600.15	L= 2.07082E-02
T= 2328	TA= 2601.15	L= 2.07760E-02
T= 2329	TA= 2602.15	L= 2.08441E-02
T= 2330	TA= 2603.15	L= 2.09123E-02
T= 2331	TA= 2604.15	L= 2.09806E-02
T= 2332	TA= 2605.15	L= 2.10492E-02
T= 2333	TA= 2606.15	L= 2.11179E-02
T= 2334	TA= 2607.15	L= 2.11868E-02
T= 2335	TA= 2608.15	L= 2.12558E-02
T= 2336	TA= 2609.15	L= 2.13251E-02
T= 2337	TA= 2610.15	L= 2.13945E-02
T= 2338	TA= 2611.15	L= 2.14640E-02
T= 2339	TA= 2612.15	L= 2.15338E-02
T= 2340	TA= 2613.15	L= 2.16037E-02
T= 2341	TA= 2614.15	L= 2.16738E-02
T= 2342	TA= 2615.15	L= 2.17441E-02
T= 2343	TA= 2616.15	L= 2.18145E-02
T= 2344	TA= 2617.15	L= 2.18851E-02
T= 2345	TA= 2618.15	L= 2.19559E-02
T= 2346	TA= 2619.15	L= 2.20268E-02
T= 2347	TA= 2620.15	L= 2.20980E-02
T= 2348	TA= 2621.15	L= 2.21693E-02
T= 2349	TA= 2622.15	L= 2.22408E-02

T= 2350	TA= 2623.15	L= 2.23125E-02
T= 2351	TA= 2624.15	L= 2.23843E-02
T= 2352	TA= 2625.15	L= 2.24563E-02
T= 2353	TA= 2626.15	L= 2.25285E-02
T= 2354	TA= 2627.15	L= 2.26009E-02
T= 2355	TA= 2628.15	L= 2.26734E-02
T= 2356	TA= 2629.15	L= 2.27461E-02
T= 2357	TA= 2630.15	L= 2.28191E-02
T= 2358	TA= 2631.15	L= 2.28922E-02
T= 2359	TA= 2632.15	L= 2.29654E-02
T= 2360	TA= 2633.15	L= 2.30388E-02
T= 2361	TA= 2634.15	L= 2.31125E-02
T= 2362	TA= 2635.15	L= 2.31863E-02
T= 2363	TA= 2636.15	L= 2.32602E-02
T= 2364	TA= 2637.15	L= 2.33344E-02
T= 2365	TA= 2638.15	L= 2.34087E-02
T= 2366	TA= 2639.15	L= 2.34832E-02
T= 2367	TA= 2640.15	L= 2.35579E-02
T= 2368	TA= 2641.15	L= 2.36328E-02
T= 2369	TA= 2642.15	L= 2.37079E-02
T= 2370	TA= 2643.15	L= 2.37831E-02
T= 2371	TA= 2644.15	L= 2.38585E-02
T= 2372	TA= 2645.15	L= 2.39341E-02
T= 2373	TA= 2646.15	L= 2.40099E-02
T= 2374	TA= 2647.15	L= 2.40859E-02
T= 2375	TA= 2648.15	L= 2.41621E-02
T= 2376	TA= 2649.15	L= 2.42384E-02
T= 2377	TA= 2650.15	L= 2.43149E-02
T= 2378	TA= 2651.15	L= 2.43916E-02
T= 2379	TA= 2652.15	L= 2.44685E-02
T= 2380	TA= 2653.15	L= 2.45456E-02
T= 2381	TA= 2654.15	L= 2.46228E-02
T= 2382	TA= 2655.15	L= 2.47002E-02
T= 2383	TA= 2656.15	L= 2.47779E-02
T= 2384	TA= 2657.15	L= 2.48557E-02
T= 2385	TA= 2658.15	L= 2.49337E-02
T= 2386	TA= 2659.15	L= 2.50118E-02
T= 2387	TA= 2660.15	L= 2.50902E-02
T= 2388	TA= 2661.15	L= 2.51688E-02
T= 2389	TA= 2662.15	L= 2.52475E-02
T= 2390	TA= 2663.15	L= 2.53264E-02
T= 2391	TA= 2664.15	L= 2.54056E-02
T= 2392	TA= 2665.15	L= 2.54848E-02
T= 2393	TA= 2666.15	L= 2.55644E-02
T= 2394	TA= 2667.15	L= 2.56440E-02
T= 2395	TA= 2668.15	L= 2.57239E-02
T= 2396	TA= 2669.15	L= 2.58039E-02
T= 2397	TA= 2670.15	L= 2.58842E-02
T= 2398	TA= 2671.15	L= 2.59646E-02
T= 2399	TA= 2672.15	L= 2.60452E-02

T= 2400	TA= 2673.15	L= 2.61260E-02
T= 2401	TA= 2674.15	L= 2.62070E-02
T= 2402	TA= 2675.15	L= 2.62883E-02
T= 2403	TA= 2676.15	L= 2.63696E-02
T= 2404	TA= 2677.15	L= 2.64512E-02
T= 2405	TA= 2678.15	L= 2.65330E-02
T= 2406	TA= 2679.15	L= 2.66149E-02
T= 2407	TA= 2680.15	L= 2.66970E-02
T= 2408	TA= 2681.15	L= 2.67794E-02
T= 2409	TA= 2682.15	L= 2.68619E-02
T= 2410	TA= 2683.15	L= 2.69447E-02
T= 2411	TA= 2684.15	L= 2.70276E-02
T= 2412	TA= 2685.15	L= 2.71107E-02
T= 2413	TA= 2686.15	L= 2.71940E-02
T= 2414	TA= 2687.15	L= 2.72775E-02
T= 2415	TA= 2688.15	L= 2.73612E-02
T= 2416	TA= 2689.15	L= 2.74450E-02
T= 2417	TA= 2690.15	L= 2.75292E-02
T= 2418	TA= 2691.15	L= 2.76134E-02
T= 2419	TA= 2692.15	L= 2.76979E-02
T= 2420	TA= 2693.15	L= 2.77825E-02
T= 2421	TA= 2694.15	L= 2.78674E-02
T= 2422	TA= 2695.15	L= 2.79524E-02
T= 2423	TA= 2696.15	L= 2.80377E-02
T= 2424	TA= 2697.15	L= 2.81232E-02
T= 2425	TA= 2698.15	L= 2.82088E-02
T= 2426	TA= 2699.15	L= 2.82947E-02
T= 2427	TA= 2700.15	L= 2.83807E-02
T= 2428	TA= 2701.15	L= 2.84670E-02
T= 2429	TA= 2702.15	L= 2.85534E-02
T= 2430	TA= 2703.15	L= 2.86400E-02
T= 2431	TA= 2704.15	L= 2.87269E-02
T= 2432	TA= 2705.15	L= 2.88139E-02
T= 2433	TA= 2706.15	L= 2.89012E-02
T= 2434	TA= 2707.15	L= 2.89886E-02
T= 2435	TA= 2708.15	L= 2.90762E-02
T= 2436	TA= 2709.15	L= 2.91640E-02
T= 2437	TA= 2710.15	L= 2.92521E-02
T= 2438	TA= 2711.15	L= 2.93403E-02
T= 2439	TA= 2712.15	L= 2.94287E-02
T= 2440	TA= 2713.15	L= 2.95174E-02
T= 2441	TA= 2714.15	L= 2.96062E-02
T= 2442	TA= 2715.15	L= 2.96952E-02
T= 2443	TA= 2716.15	L= 2.97845E-02
T= 2444	TA= 2717.15	L= 2.98739E-02
T= 2445	TA= 2718.15	L= 2.99636E-02
T= 2446	TA= 2719.15	L= 3.00534E-02
T= 2447	TA= 2720.15	L= 3.01435E-02
T= 2448	TA= 2721.15	L= 3.02337E-02
T= 2449	TA= 2722.15	L= 3.03242E-02

T= 2450	TA= 2723.15	L= 3.04149E-02
T= 2451	TA= 2724.15	L= 3.05057E-02
T= 2452	TA= 2725.15	L= 3.05968E-02
T= 2453	TA= 2726.15	L= 3.06881E-02
T= 2454	TA= 2727.15	L= 3.07795E-02
T= 2455	TA= 2728.15	L= 3.08712E-02
T= 2456	TA= 2729.15	L= 3.09631E-02
T= 2457	TA= 2730.15	L= 3.10552E-02
T= 2458	TA= 2731.15	L= 3.11475E-02
T= 2459	TA= 2732.15	L= 3.12400E-02
T= 2460	TA= 2733.15	L= 3.13328E-02
T= 2461	TA= 2734.15	L= 3.14257E-02
T= 2462	TA= 2735.15	L= 3.15188E-02
T= 2463	TA= 2736.15	L= 3.16122E-02
T= 2464	TA= 2737.15	L= 3.17057E-02
T= 2465	TA= 2738.15	L= 3.17994E-02
T= 2466	TA= 2739.15	L= 3.18934E-02
T= 2467	TA= 2740.15	L= 3.19876E-02
T= 2468	TA= 2741.15	L= 3.20820E-02
T= 2469	TA= 2742.15	L= 3.21766E-02
T= 2470	TA= 2743.15	L= 3.22713E-02
T= 2471	TA= 2744.15	L= 3.23664E-02
T= 2472	TA= 2745.15	L= 3.24616E-02
T= 2473	TA= 2746.15	L= 3.25571E-02
T= 2474	TA= 2747.15	L= 3.26527E-02
T= 2475	TA= 2748.15	L= 3.27486E-02
T= 2476	TA= 2749.15	L= 3.28446E-02
T= 2477	TA= 2750.15	L= 3.29409E-02
T= 2478	TA= 2751.15	L= 3.30374E-02
T= 2479	TA= 2752.15	L= 3.31341E-02
T= 2480	TA= 2753.15	L= 3.32310E-02
T= 2481	TA= 2754.15	L= 3.33281E-02
T= 2482	TA= 2755.15	L= 3.34255E-02
T= 2483	TA= 2756.15	L= 3.35230E-02
T= 2484	TA= 2757.15	L= 3.36208E-02
T= 2485	TA= 2758.15	L= 3.37188E-02
T= 2486	TA= 2759.15	L= 3.38170E-02
T= 2487	TA= 2760.15	L= 3.39154E-02
T= 2488	TA= 2761.15	L= 3.40140E-02
T= 2489	TA= 2762.15	L= 3.41129E-02
T= 2490	TA= 2763.15	L= 3.42119E-02
T= 2491	TA= 2764.15	L= 3.43112E-02
T= 2492	TA= 2765.15	L= 3.44107E-02
T= 2493	TA= 2766.15	L= 3.45104E-02
T= 2494	TA= 2767.15	L= 3.46103E-02
T= 2495	TA= 2768.15	L= 3.47104E-02
T= 2496	TA= 2769.15	L= 3.48108E-02
T= 2497	TA= 2770.15	L= 3.49114E-02
T= 2498	TA= 2771.15	L= 3.50121E-02
T= 2499	TA= 2772.15	L= 3.51132E-02

T= 2500	TA= 2773.15	L= 3.52144E-02
T= 2501	TA= 2774.15	L= 3.53159E-02
T= 2502	TA= 2775.15	L= 3.54175E-02
T= 2503	TA= 2776.15	L= 3.55194E-02
T= 2504	TA= 2777.15	L= 3.56215E-02
T= 2505	TA= 2778.15	L= 3.57239E-02
T= 2506	TA= 2779.15	L= 3.58264E-02
T= 2507	TA= 2780.15	L= 3.59292E-02
T= 2508	TA= 2781.15	L= 3.60321E-02
T= 2509	TA= 2782.15	L= 3.61353E-02
T= 2510	TA= 2783.15	L= 3.62388E-02
T= 2511	TA= 2784.15	L= 3.63424E-02
T= 2512	TA= 2785.15	L= 3.64463E-02
T= 2513	TA= 2786.15	L= 3.65504E-02
T= 2514	TA= 2787.15	L= 3.66547E-02
T= 2515	TA= 2788.15	L= 3.67592E-02
T= 2516	TA= 2789.15	L= 3.68640E-02
T= 2517	TA= 2790.15	L= 3.69690E-02
T= 2518	TA= 2791.15	L= 3.70742E-02
T= 2519	TA= 2792.15	L= 3.71796E-02
T= 2520	TA= 2793.15	L= 3.72852E-02
T= 2521	TA= 2794.15	L= 3.73912E-02
T= 2522	TA= 2795.15	L= 3.74972E-02
T= 2523	TA= 2796.15	L= 3.76036E-02
T= 2524	TA= 2797.15	L= 3.77102E-02
T= 2525	TA= 2798.15	L= 3.78169E-02
T= 2526	TA= 2799.15	L= 3.79239E-02
T= 2527	TA= 2800.15	L= 3.80311E-02
T= 2528	TA= 2801.15	L= 3.81387E-02
T= 2529	TA= 2802.15	L= 3.82463E-02
T= 2530	TA= 2803.15	L= 3.83542E-02
T= 2531	TA= 2804.15	L= 3.84624E-02
T= 2532	TA= 2805.15	L= 3.85707E-02
T= 2533	TA= 2806.15	L= 3.86793E-02
T= 2534	TA= 2807.15	L= 3.87881E-02
T= 2535	TA= 2808.15	L= 3.88971E-02
T= 2536	TA= 2809.15	L= 3.90065E-02
T= 2537	TA= 2810.15	L= 3.91160E-02
T= 2538	TA= 2811.15	L= 3.92257E-02
T= 2539	TA= 2812.15	L= 3.93357E-02
T= 2540	TA= 2813.15	L= 3.94459E-02
T= 2541	TA= 2814.15	L= 3.95563E-02
T= 2542	TA= 2815.15	L= 3.96670E-02
T= 2543	TA= 2816.15	L= 3.97778E-02
T= 2544	TA= 2817.15	L= 3.98890E-02
T= 2545	TA= 2818.15	L= 4.00003E-02
T= 2546	TA= 2819.15	L= 4.01119E-02
T= 2547	TA= 2820.15	L= 4.02238E-02
T= 2548	TA= 2821.15	L= 4.03358E-02
T= 2549	TA= 2822.15	L= 4.04480E-02

T= 2550	TA= 2823.15	L= 4.05606E-02
T= 2551	TA= 2824.15	L= 4.06733E-02
T= 2552	TA= 2825.15	L= 4.07863E-02
T= 2553	TA= 2826.15	L= 4.08995E-02
T= 2554	TA= 2827.15	L= 4.10130E-02
T= 2555	TA= 2828.15	L= 4.11267E-02
T= 2556	TA= 2829.15	L= 4.12405E-02
T= 2557	TA= 2830.15	L= 4.13547E-02
T= 2558	TA= 2831.15	L= 4.14691E-02
T= 2559	TA= 2832.15	L= 4.15837E-02
T= 2560	TA= 2833.15	L= 4.16986E-02
T= 2561	TA= 2834.15	L= 4.18137E-02
T= 2562	TA= 2835.15	L= 4.19290E-02
T= 2563	TA= 2836.15	L= 4.20446E-02
T= 2564	TA= 2837.15	L= 4.21604E-02
T= 2565	TA= 2838.15	L= 4.22764E-02
T= 2566	TA= 2839.15	L= 4.23927E-02
T= 2567	TA= 2840.15	L= 4.25092E-02
T= 2568	TA= 2841.15	L= 4.26260E-02
T= 2569	TA= 2842.15	L= 4.27429E-02
T= 2570	TA= 2843.15	L= 4.28602E-02
T= 2571	TA= 2844.15	L= 4.29777E-02
T= 2572	TA= 2845.15	L= 4.30953E-02
T= 2573	TA= 2846.15	L= 4.32133E-02
T= 2574	TA= 2847.15	L= 4.33315E-02
T= 2575	TA= 2848.15	L= 4.34500E-02
T= 2576	TA= 2849.15	L= 4.35686E-02
T= 2577	TA= 2850.15	L= 4.36875E-02
T= 2578	TA= 2851.15	L= 4.38067E-02
T= 2579	TA= 2852.15	L= 4.39260E-02
T= 2580	TA= 2853.15	L= 4.40457E-02
T= 2581	TA= 2854.15	L= 4.41656E-02
T= 2582	TA= 2855.15	L= 4.42857E-02
T= 2583	TA= 2856.15	L= 4.44060E-02
T= 2584	TA= 2857.15	L= 4.45267E-02
T= 2585	TA= 2858.15	L= 4.46474E-02
T= 2586	TA= 2859.15	L= 4.47685E-02
T= 2587	TA= 2860.15	L= 4.48899E-02
T= 2588	TA= 2861.15	L= 4.50115E-02
T= 2589	TA= 2862.15	L= 4.51332E-02
T= 2590	TA= 2863.15	L= 4.52553E-02
T= 2591	TA= 2864.15	L= 4.53776E-02
T= 2592	TA= 2865.15	L= 4.55002E-02
T= 2593	TA= 2866.15	L= 4.56230E-02
T= 2594	TA= 2867.15	L= 4.57461E-02
T= 2595	TA= 2868.15	L= 4.58694E-02
T= 2596	TA= 2869.15	L= 4.59929E-02
T= 2597	TA= 2870.15	L= 4.61166E-02
T= 2598	TA= 2871.15	L= 4.62407E-02
T= 2599	TA= 2872.15	L= 4.63650E-02

T= 2600	TA= 2873.15	L= 4.64895E-02
T= 2601	TA= 2874.15	L= 4.66142E-02
T= 2602	TA= 2875.15	L= 4.67393E-02
T= 2603	TA= 2876.15	L= 4.68645E-02
T= 2604	TA= 2877.15	L= 4.69901E-02
T= 2605	TA= 2878.15	L= 4.71158E-02
T= 2606	TA= 2879.15	L= 4.72418E-02
T= 2607	TA= 2880.15	L= 4.73681E-02
T= 2608	TA= 2881.15	L= 4.74946E-02
T= 2609	TA= 2882.15	L= 4.76213E-02
T= 2610	TA= 2883.15	L= 4.77483E-02
T= 2611	TA= 2884.15	L= 4.78757E-02
T= 2612	TA= 2885.15	L= 4.80031E-02
T= 2613	TA= 2886.15	L= 4.81309E-02
T= 2614	TA= 2887.15	L= 4.82589E-02
T= 2615	TA= 2888.15	L= 4.83872E-02
T= 2616	TA= 2889.15	L= 4.85157E-02
T= 2617	TA= 2890.15	L= 4.86445E-02
T= 2618	TA= 2891.15	L= 4.87735E-02
T= 2619	TA= 2892.15	L= 4.89028E-02
T= 2620	TA= 2893.15	L= 4.90323E-02
T= 2621	TA= 2894.15	L= 4.91621E-02
T= 2622	TA= 2895.15	L= 4.92921E-02
T= 2623	TA= 2896.15	L= 4.94224E-02
T= 2624	TA= 2897.15	L= 4.95530E-02
T= 2625	TA= 2898.15	L= 4.96837E-02
T= 2626	TA= 2899.15	L= 4.98148E-02
T= 2627	TA= 2900.15	L= 4.99461E-02
T= 2628	TA= 2901.15	L= 5.00777E-02
T= 2629	TA= 2902.15	L= 5.02095E-02
T= 2630	TA= 2903.15	L= 5.03416E-02
T= 2631	TA= 2904.15	L= 5.04739E-02
T= 2632	TA= 2905.15	L= 5.06065E-02
T= 2633	TA= 2906.15	L= 5.07393E-02
T= 2634	TA= 2907.15	L= 5.08724E-02
T= 2635	TA= 2908.15	L= 5.10058E-02
T= 2636	TA= 2909.15	L= 5.11394E-02
T= 2637	TA= 2910.15	L= 5.12733E-02
T= 2638	TA= 2911.15	L= 5.14074E-02
T= 2639	TA= 2912.15	L= 5.15419E-02
T= 2640	TA= 2913.15	L= 5.16765E-02
T= 2641	TA= 2914.15	L= 5.18114E-02
T= 2642	TA= 2915.15	L= 5.19465E-02
T= 2643	TA= 2916.15	L= 5.20820E-02
T= 2644	TA= 2917.15	L= 5.22177E-02
T= 2645	TA= 2918.15	L= 5.23536E-02
T= 2646	TA= 2919.15	L= 5.24899E-02
T= 2647	TA= 2920.15	L= 5.26263E-02
T= 2648	TA= 2921.15	L= 5.27631E-02
T= 2649	TA= 2922.15	L= 5.29000E-02

T= 2650	TA= 2923.15	L= 5.30373E-02
T= 2651	TA= 2924.15	L= 5.31748E-02
T= 2652	TA= 2925.15	L= 5.33126E-02
T= 2653	TA= 2926.15	L= 5.34507E-02
T= 2654	TA= 2927.15	L= 5.35889E-02
T= 2655	TA= 2928.15	L= 5.37276E-02
T= 2656	TA= 2929.15	L= 5.38663E-02
T= 2657	TA= 2930.15	L= 5.40055E-02
T= 2658	TA= 2931.15	L= 5.41448E-02
T= 2659	TA= 2932.15	L= 5.42844E-02
T= 2660	TA= 2933.15	L= 5.44243E-02
T= 2661	TA= 2934.15	L= 5.45645E-02
T= 2662	TA= 2935.15	L= 5.47050E-02
T= 2663	TA= 2936.15	L= 5.48456E-02
T= 2664	TA= 2937.15	L= 5.49865E-02
T= 2665	TA= 2938.15	L= 5.51277E-02
T= 2666	TA= 2939.15	L= 5.52693E-02
T= 2667	TA= 2940.15	L= 5.54110E-02
T= 2668	TA= 2941.15	L= 5.55531E-02
T= 2669	TA= 2942.15	L= 5.56954E-02
T= 2670	TA= 2943.15	L= 5.58379E-02
T= 2671	TA= 2944.15	L= 5.59807E-02
T= 2672	TA= 2945.15	L= 5.61238E-02
T= 2673	TA= 2946.15	L= 5.62672E-02
T= 2674	TA= 2947.15	L= 5.64108E-02
T= 2675	TA= 2948.15	L= 5.65547E-02
T= 2676	TA= 2949.15	L= 5.66988E-02
T= 2677	TA= 2950.15	L= 5.68432E-02
T= 2678	TA= 2951.15	L= 5.69880E-02
T= 2679	TA= 2952.15	L= 5.71330E-02
T= 2680	TA= 2953.15	L= 5.72781E-02
T= 2681	TA= 2954.15	L= 5.74237E-02
T= 2682	TA= 2955.15	L= 5.75695E-02
T= 2683	TA= 2956.15	L= 5.77155E-02
T= 2684	TA= 2957.15	L= 5.78619E-02
T= 2685	TA= 2958.15	L= 5.80086E-02
T= 2686	TA= 2959.15	L= 5.81553E-02
T= 2687	TA= 2960.15	L= 5.83025E-02
T= 2688	TA= 2961.15	L= 5.84500E-02
T= 2689	TA= 2962.15	L= 5.85976E-02
T= 2690	TA= 2963.15	L= 5.87456E-02
T= 2691	TA= 2964.15	L= 5.88938E-02
T= 2692	TA= 2965.15	L= 5.90424E-02
T= 2693	TA= 2966.15	L= 5.91911E-02
T= 2694	TA= 2967.15	L= 5.93402E-02
T= 2695	TA= 2968.15	L= 5.94896E-02
T= 2696	TA= 2969.15	L= 5.96391E-02
T= 2697	TA= 2970.15	L= 5.97890E-02
T= 2698	TA= 2971.15	L= 5.99392E-02
T= 2699	TA= 2972.15	L= 6.00896E-02

T= 2700	TA= 2973.15	L= 6.02404E-02
T= 2701	TA= 2974.15	L= 6.03913E-02
T= 2702	TA= 2975.15	L= 6.05426E-02
T= 2703	TA= 2976.15	L= 6.06941E-02
T= 2704	TA= 2977.15	L= 6.08460E-02
T= 2705	TA= 2978.15	L= 6.09981E-02
T= 2706	TA= 2979.15	L= 6.11505E-02
T= 2707	TA= 2980.15	L= 6.13031E-02
T= 2708	TA= 2981.15	L= 6.14561E-02
T= 2709	TA= 2982.15	L= 6.16093E-02
T= 2710	TA= 2983.15	L= 6.17628E-02
T= 2711	TA= 2984.15	L= 6.19166E-02
T= 2712	TA= 2985.15	L= 6.20706E-02
T= 2713	TA= 2986.15	L= 6.22249E-02
T= 2714	TA= 2987.15	L= 6.23795E-02
T= 2715	TA= 2988.15	L= 6.25343E-02
T= 2716	TA= 2989.15	L= 6.26896E-02
T= 2717	TA= 2990.15	L= 6.28450E-02
T= 2718	TA= 2991.15	L= 6.30008E-02
T= 2719	TA= 2992.15	L= 6.31568E-02
T= 2720	TA= 2993.15	L= 6.33131E-02
T= 2721	TA= 2994.15	L= 6.34696E-02
T= 2722	TA= 2995.15	L= 6.36265E-02
T= 2723	TA= 2996.15	L= 6.37837E-02
T= 2724	TA= 2997.15	L= 6.39411E-02
T= 2725	TA= 2998.15	L= 6.40988E-02
T= 2726	TA= 2999.15	L= 6.42568E-02
T= 2727	TA= 3000.15	L= 6.44152E-02
T= 2728	TA= 3001.15	L= 6.45737E-02
T= 2729	TA= 3002.15	L= 6.47325E-02
T= 2730	TA= 3003.15	L= 6.48916E-02
T= 2731	TA= 3004.15	L= 6.50511E-02
T= 2732	TA= 3005.15	L= 6.52108E-02
T= 2733	TA= 3006.15	L= 6.53708E-02
T= 2734	TA= 3007.15	L= 6.55311E-02
T= 2735	TA= 3008.15	L= 6.56916E-02
T= 2736	TA= 3009.15	L= 6.58524E-02
T= 2737	TA= 3010.15	L= 6.60136E-02
T= 2738	TA= 3011.15	L= 6.61750E-02
T= 2739	TA= 3012.15	L= 6.63367E-02
T= 2740	TA= 3013.15	L= 6.64988E-02
T= 2741	TA= 3014.15	L= 6.66610E-02
T= 2742	TA= 3015.15	L= 6.68237E-02
T= 2743	TA= 3016.15	L= 6.69864E-02
T= 2744	TA= 3017.15	L= 6.71496E-02
T= 2745	TA= 3018.15	L= 6.73131E-02
T= 2746	TA= 3019.15	L= 6.74768E-02
T= 2747	TA= 3020.15	L= 6.76408E-02
T= 2748	TA= 3021.15	L= 6.78051E-02
T= 2749	TA= 3022.15	L= 6.79697E-02

T= 2750	TA= 3023.15	L= 6.81347E-02
T= 2751	TA= 3024.15	L= 6.82998E-02
T= 2752	TA= 3025.15	L= 6.84653E-02
T= 2753	TA= 3026.15	L= 6.86310E-02
T= 2754	TA= 3027.15	L= 6.87970E-02
T= 2755	TA= 3028.15	L= 6.89635E-02
T= 2756	TA= 3029.15	L= 6.91301E-02
T= 2757	TA= 3030.15	L= 6.92970E-02
T= 2758	TA= 3031.15	L= 6.94642E-02
T= 2759	TA= 3032.15	L= 6.96318E-02
T= 2760	TA= 3033.15	L= 6.97995E-02
T= 2761	TA= 3034.15	L= 6.99677E-02
T= 2762	TA= 3035.15	L= 7.01361E-02
T= 2763	TA= 3036.15	L= 7.03047E-02
T= 2764	TA= 3037.15	L= 7.04737E-02
T= 2765	TA= 3038.15	L= 7.06431E-02
T= 2766	TA= 3039.15	L= 7.08126E-02
T= 2767	TA= 3040.15	L= 7.09825E-02
T= 2768	TA= 3041.15	L= 7.11527E-02
T= 2769	TA= 3042.15	L= 7.13232E-02
T= 2770	TA= 3043.15	L= 7.14939E-02
T= 2771	TA= 3044.15	L= 7.16650E-02
T= 2772	TA= 3045.15	L= 7.18363E-02
T= 2773	TA= 3046.15	L= 7.20080E-02
T= 2774	TA= 3047.15	L= 7.21800E-02
T= 2775	TA= 3048.15	L= 7.23522E-02
T= 2776	TA= 3049.15	L= 7.25248E-02
T= 2777	TA= 3050.15	L= 7.26976E-02
T= 2778	TA= 3051.15	L= 7.28707E-02
T= 2779	TA= 3052.15	L= 7.30442E-02
T= 2780	TA= 3053.15	L= 7.32179E-02
T= 2781	TA= 3054.15	L= 7.33919E-02
T= 2782	TA= 3055.15	L= 7.35663E-02
T= 2783	TA= 3056.15	L= 7.37409E-02
T= 2784	TA= 3057.15	L= 7.39159E-02
T= 2785	TA= 3058.15	L= 7.40911E-02
T= 2786	TA= 3059.15	L= 7.42666E-02
T= 2787	TA= 3060.15	L= 7.44425E-02
T= 2788	TA= 3061.15	L= 7.46186E-02
T= 2789	TA= 3062.15	L= 7.47951E-02
T= 2790	TA= 3063.15	L= 7.49718E-02
T= 2791	TA= 3064.15	L= 7.51489E-02
T= 2792	TA= 3065.15	L= 7.53263E-02
T= 2793	TA= 3066.15	L= 7.55039E-02
T= 2794	TA= 3067.15	L= 7.56819E-02
T= 2795	TA= 3068.15	L= 7.58601E-02
T= 2796	TA= 3069.15	L= 7.60387E-02
T= 2797	TA= 3070.15	L= 7.62176E-02
T= 2798	TA= 3071.15	L= 7.63968E-02
T= 2799	TA= 3072.15	L= 7.65762E-02

T= 2800	TA= 3073.15	L= 7.67559E-02
T= 2801	TA= 3074.15	L= 7.69361E-02
T= 2802	TA= 3075.15	L= 7.71165E-02
T= 2803	TA= 3076.15	L= 7.72972E-02
T= 2804	TA= 3077.15	L= 7.74782E-02
T= 2805	TA= 3078.15	L= 7.76594E-02
T= 2806	TA= 3079.15	L= 7.78410E-02
T= 2807	TA= 3080.15	L= 7.80230E-02
T= 2808	TA= 3081.15	L= 7.82053E-02
T= 2809	TA= 3082.15	L= 7.83877E-02
T= 2810	TA= 3083.15	L= 7.85706E-02
T= 2811	TA= 3084.15	L= 7.87538E-02
T= 2812	TA= 3085.15	L= 7.89373E-02
T= 2813	TA= 3086.15	L= 7.91210E-02
T= 2814	TA= 3087.15	L= 7.93050E-02
T= 2815	TA= 3088.15	L= 7.94895E-02
T= 2816	TA= 3089.15	L= 7.96742E-02
T= 2817	TA= 3090.15	L= 7.98592E-02
T= 2818	TA= 3091.15	L= 8.00445E-02
T= 2819	TA= 3092.15	L= 8.02301E-02
T= 2820	TA= 3093.15	L= 8.04161E-02
T= 2821	TA= 3094.15	L= 8.06022E-02
T= 2822	TA= 3095.15	L= 8.07888E-02
T= 2823	TA= 3096.15	L= 8.09757E-02
T= 2824	TA= 3097.15	L= 8.11629E-02
T= 2825	TA= 3098.15	L= 8.13504E-02
T= 2826	TA= 3099.15	L= 8.15382E-02
T= 2827	TA= 3100.15	L= 8.17263E-02
T= 2828	TA= 3101.15	L= 8.19148E-02
T= 2829	TA= 3102.15	L= 8.21035E-02
T= 2830	TA= 3103.15	L= 8.22925E-02
T= 2831	TA= 3104.15	L= 8.24820E-02
T= 2832	TA= 3105.15	L= 8.26716E-02
T= 2833	TA= 3106.15	L= 8.28616E-02
T= 2834	TA= 3107.15	L= 8.30518E-02
T= 2835	TA= 3108.15	L= 8.32425E-02
T= 2836	TA= 3109.15	L= 8.34335E-02
T= 2837	TA= 3110.15	L= 8.36248E-02
T= 2838	TA= 3111.15	L= 8.38163E-02
T= 2839	TA= 3112.15	L= 8.40082E-02
T= 2840	TA= 3113.15	L= 8.42004E-02
T= 2841	TA= 3114.15	L= 8.43929E-02
T= 2842	TA= 3115.15	L= 8.45857E-02
T= 2843	TA= 3116.15	L= 8.47789E-02
T= 2844	TA= 3117.15	L= 8.49723E-02
T= 2845	TA= 3118.15	L= 8.51661E-02
T= 2846	TA= 3119.15	L= 8.53603E-02
T= 2847	TA= 3120.15	L= 8.55547E-02
T= 2848	TA= 3121.15	L= 8.57495E-02
T= 2849	TA= 3122.15	L= 8.59444E-02

T= 2850	TA= 3123.15	L= 8.61399E-02
T= 2851	TA= 3124.15	L= 8.63356E-02
T= 2852	TA= 3125.15	L= 8.65316E-02
T= 2853	TA= 3126.15	L= 8.67278E-02
T= 2854	TA= 3127.15	L= 8.69245E-02
T= 2855	TA= 3128.15	L= 8.71216E-02
T= 2856	TA= 3129.15	L= 8.73188E-02
T= 2857	TA= 3130.15	L= 8.75165E-02
T= 2858	TA= 3131.15	L= 8.77144E-02
T= 2859	TA= 3132.15	L= 8.79126E-02
T= 2860	TA= 3133.15	L= 8.81113E-02
T= 2861	TA= 3134.15	L= 8.83101E-02
T= 2862	TA= 3135.15	L= 8.85093E-02
T= 2863	TA= 3136.15	L= 8.87088E-02
T= 2864	TA= 3137.15	L= 8.89087E-02
T= 2865	TA= 3138.15	L= 8.91089E-02
T= 2866	TA= 3139.15	L= 8.93094E-02
T= 2867	TA= 3140.15	L= 8.95103E-02
T= 2868	TA= 3141.15	L= 8.97115E-02
T= 2869	TA= 3142.15	L= 8.99129E-02
T= 2870	TA= 3143.15	L= 9.01148E-02
T= 2871	TA= 3144.15	L= 9.03169E-02
T= 2872	TA= 3145.15	L= 9.05194E-02
T= 2873	TA= 3146.15	L= 9.07221E-02
T= 2874	TA= 3147.15	L= 9.09252E-02
T= 2875	TA= 3148.15	L= 9.11287E-02
T= 2876	TA= 3149.15	L= 9.13325E-02
T= 2877	TA= 3150.15	L= 9.15366E-02
T= 2878	TA= 3151.15	L= 9.17410E-02
T= 2879	TA= 3152.15	L= 9.19457E-02
T= 2880	TA= 3153.15	L= 9.21507E-02
T= 2881	TA= 3154.15	L= 9.23561E-02
T= 2882	TA= 3155.15	L= 9.25619E-02
T= 2883	TA= 3156.15	L= 9.27679E-02
T= 2884	TA= 3157.15	L= 9.29742E-02
T= 2885	TA= 3158.15	L= 9.31811E-02
T= 2886	TA= 3159.15	L= 9.33881E-02
T= 2887	TA= 3160.15	L= 9.35954E-02
T= 2888	TA= 3161.15	L= 9.38031E-02
T= 2889	TA= 3162.15	L= 9.40111E-02
T= 2890	TA= 3163.15	L= 9.42194E-02
T= 2891	TA= 3164.15	L= 9.44282E-02
T= 2892	TA= 3165.15	L= 9.46372E-02
T= 2893	TA= 3166.15	L= 9.48466E-02
T= 2894	TA= 3167.15	L= 9.50562E-02
T= 2895	TA= 3168.15	L= 9.52662E-02
T= 2896	TA= 3169.15	L= 9.54766E-02
T= 2897	TA= 3170.15	L= 9.56872E-02
T= 2898	TA= 3171.15	L= 9.58982E-02
T= 2899	TA= 3172.15	L= 9.61095E-02

T= 2900	TA= 3173.15	L= 9.63212E-02
T= 2901	TA= 3174.15	L= 9.65332E-02
T= 2902	TA= 3175.15	L= 9.67455E-02
T= 2903	TA= 3176.15	L= 9.69582E-02
T= 2904	TA= 3177.15	L= 9.71712E-02
T= 2905	TA= 3178.15	L= 9.73845E-02
T= 2906	TA= 3179.15	L= 9.75983E-02
T= 2907	TA= 3180.15	L= 9.78122E-02
T= 2908	TA= 3181.15	L= 9.80265E-02
T= 2909	TA= 3182.15	L= 9.82413E-02
T= 2910	TA= 3183.15	L= 9.84563E-02
T= 2911	TA= 3184.15	L= 9.86716E-02
T= 2912	TA= 3185.15	L= 9.88872E-02
T= 2913	TA= 3186.15	L= 9.91032E-02
T= 2914	TA= 3187.15	L= 9.93197E-02
T= 2915	TA= 3188.15	L= 9.95364E-02
T= 2916	TA= 3189.15	L= 9.97533E-02
T= 2917	TA= 3190.15	L= 9.99707E-02
T= 2918	TA= 3191.15	L= .100188
T= 2919	TA= 3192.15	L= .100406
T= 2920	TA= 3193.15	L= .100625
T= 2921	TA= 3194.15	L= .100844
T= 2922	TA= 3195.15	L= .101063
T= 2923	TA= 3196.15	L= .101282
T= 2924	TA= 3197.15	L= .101502
T= 2925	TA= 3198.15	L= .101722
T= 2926	TA= 3199.15	L= .101942
T= 2927	TA= 3200.15	L= .102163
T= 2928	TA= 3201.15	L= .102384
T= 2929	TA= 3202.15	L= .102605
T= 2930	TA= 3203.15	L= .102827
T= 2931	TA= 3204.15	L= .103049
T= 2932	TA= 3205.15	L= .103272
T= 2933	TA= 3206.15	L= .103495
T= 2934	TA= 3207.15	L= .103718
T= 2935	TA= 3208.15	L= .103941
T= 2936	TA= 3209.15	L= .104165
T= 2937	TA= 3210.15	L= .104389
T= 2938	TA= 3211.15	L= .104614
T= 2939	TA= 3212.15	L= .104839
T= 2940	TA= 3213.15	L= .105064
T= 2941	TA= 3214.15	L= .105289
T= 2942	TA= 3215.15	L= .105515
T= 2943	TA= 3216.15	L= .105741
T= 2944	TA= 3217.15	L= .105968
T= 2945	TA= 3218.15	L= .106195
T= 2946	TA= 3219.15	L= .106422
T= 2947	TA= 3220.15	L= .10665
T= 2948	TA= 3221.15	L= .106878
T= 2949	TA= 3222.15	L= .107106

T= 2950	TA= 3223.15	L= .107335
T= 2951	TA= 3224.15	L= .107564
T= 2952	TA= 3225.15	L= .107793
T= 2953	TA= 3226.15	L= .108022
T= 2954	TA= 3227.15	L= .108253
T= 2955	TA= 3228.15	L= .108483
T= 2956	TA= 3229.15	L= .108714
T= 2957	TA= 3230.15	L= .108945
T= 2958	TA= 3231.15	L= .109176
T= 2959	TA= 3232.15	L= .109408
T= 2960	TA= 3233.15	L= .10964
T= 2961	TA= 3234.15	L= .109873
T= 2962	TA= 3235.15	L= .110105
T= 2963	TA= 3236.15	L= .110338
T= 2964	TA= 3237.15	L= .110572
T= 2965	TA= 3238.15	L= .110806
T= 2966	TA= 3239.15	L= .11104
T= 2967	TA= 3240.15	L= .111274
T= 2968	TA= 3241.15	L= .11151
T= 2969	TA= 3242.15	L= .111745
T= 2970	TA= 3243.15	L= .11198
T= 2971	TA= 3244.15	L= .112216
T= 2972	TA= 3245.15	L= .112453
T= 2973	TA= 3246.15	L= .112689
T= 2974	TA= 3247.15	L= .112926
T= 2975	TA= 3248.15	L= .113164
T= 2976	TA= 3249.15	L= .113401
T= 2977	TA= 3250.15	L= .113639
T= 2978	TA= 3251.15	L= .113878
T= 2979	TA= 3252.15	L= .114117
T= 2980	TA= 3253.15	L= .114356
T= 2981	TA= 3254.15	L= .114595
T= 2982	TA= 3255.15	L= .114835
T= 2983	TA= 3256.15	L= .115075
T= 2984	TA= 3257.15	L= .115316
T= 2985	TA= 3258.15	L= .115557
T= 2986	TA= 3259.15	L= .115798
T= 2987	TA= 3260.15	L= .11604
T= 2988	TA= 3261.15	L= .116282
T= 2989	TA= 3262.15	L= .116524
T= 2990	TA= 3263.15	L= .116767
T= 2991	TA= 3264.15	L= .11701
T= 2992	TA= 3265.15	L= .117253
T= 2993	TA= 3266.15	L= .117497
T= 2994	TA= 3267.15	L= .117741
T= 2995	TA= 3268.15	L= .117986
T= 2996	TA= 3269.15	L= .11823
T= 2997	TA= 3270.15	L= .118476
T= 2998	TA= 3271.15	L= .118721
T= 2999	TA= 3272.15	L= .118967

T= 3000	TA= 3273.15	L= .119214
T= 3001	TA= 3274.15	L= .11946
T= 3002	TA= 3275.15	L= .119707
T= 3003	TA= 3276.15	L= .119954
T= 3004	TA= 3277.15	L= .120202
T= 3005	TA= 3278.15	L= .12045
T= 3006	TA= 3279.15	L= .120699
T= 3007	TA= 3280.15	L= .120948
T= 3008	TA= 3281.15	L= .121197
T= 3009	TA= 3282.15	L= .121446
T= 3010	TA= 3283.15	L= .121696
T= 3011	TA= 3284.15	L= .121946
T= 3012	TA= 3285.15	L= .122197
T= 3013	TA= 3286.15	L= .122448
T= 3014	TA= 3287.15	L= .122699
T= 3015	TA= 3288.15	L= .122951
T= 3016	TA= 3289.15	L= .123203
T= 3017	TA= 3290.15	L= .123456
T= 3018	TA= 3291.15	L= .123708
T= 3019	TA= 3292.15	L= .123961
T= 3020	TA= 3293.15	L= .124215
T= 3021	TA= 3294.15	L= .124469
T= 3022	TA= 3295.15	L= .124723
T= 3023	TA= 3296.15	L= .124978
T= 3024	TA= 3297.15	L= .125233
T= 3025	TA= 3298.15	L= .125488
T= 3026	TA= 3299.15	L= .125744
T= 3027	TA= 3300.15	L= .126
T= 3028	TA= 3301.15	L= .126256
T= 3029	TA= 3302.15	L= .126513
T= 3030	TA= 3303.15	L= .12677
T= 3031	TA= 3304.15	L= .127028
T= 3032	TA= 3305.15	L= .127286
T= 3033	TA= 3306.15	L= .127544
T= 3034	TA= 3307.15	L= .127803
T= 3035	TA= 3308.15	L= .128062
T= 3036	TA= 3309.15	L= .128321
T= 3037	TA= 3310.15	L= .128581
T= 3038	TA= 3311.15	L= .128841
T= 3039	TA= 3312.15	L= .129102
T= 3040	TA= 3313.15	L= .129362
T= 3041	TA= 3314.15	L= .129623
T= 3042	TA= 3315.15	L= .129885
T= 3043	TA= 3316.15	L= .130147
T= 3044	TA= 3317.15	L= .130409
T= 3045	TA= 3318.15	L= .130672
T= 3046	TA= 3319.15	L= .130935
T= 3047	TA= 3320.15	L= .131199
T= 3048	TA= 3321.15	L= .131462
T= 3049	TA= 3322.15	L= .131727

T= 3050	TA= 3323.15	L= .131991
T= 3051	TA= 3324.15	L= .132256
T= 3052	TA= 3325.15	L= .132522
T= 3053	TA= 3326.15	L= .132787
T= 3054	TA= 3327.15	L= .133053
T= 3055	TA= 3328.15	L= .13332
T= 3056	TA= 3329.15	L= .133587
T= 3057	TA= 3330.15	L= .133854
T= 3058	TA= 3331.15	L= .134121
T= 3059	TA= 3332.15	L= .134389
T= 3060	TA= 3333.15	L= .134658
T= 3061	TA= 3334.15	L= .134926
T= 3062	TA= 3335.15	L= .135195
T= 3063	TA= 3336.15	L= .135465
T= 3064	TA= 3337.15	L= .135734
T= 3065	TA= 3338.15	L= .136005
T= 3066	TA= 3339.15	L= .136275
T= 3067	TA= 3340.15	L= .136546
T= 3068	TA= 3341.15	L= .136817
T= 3069	TA= 3342.15	L= .137089
T= 3070	TA= 3343.15	L= .137361
T= 3071	TA= 3344.15	L= .137634
T= 3072	TA= 3345.15	L= .137907
T= 3073	TA= 3346.15	L= .13818
T= 3074	TA= 3347.15	L= .138453
T= 3075	TA= 3348.15	L= .138727
T= 3076	TA= 3349.15	L= .139002
T= 3077	TA= 3350.15	L= .139276
T= 3078	TA= 3351.15	L= .139551
T= 3079	TA= 3352.15	L= .139827
T= 3080	TA= 3353.15	L= .140103
T= 3081	TA= 3354.15	L= .140379
T= 3082	TA= 3355.15	L= .140656
T= 3083	TA= 3356.15	L= .140933
T= 3084	TA= 3357.15	L= .14121
T= 3085	TA= 3358.15	L= .141488
T= 3086	TA= 3359.15	L= .141766
T= 3087	TA= 3360.15	L= .142044
T= 3088	TA= 3361.15	L= .142323
T= 3089	TA= 3362.15	L= .142603
T= 3090	TA= 3363.15	L= .142882
T= 3091	TA= 3364.15	L= .143162
T= 3092	TA= 3365.15	L= .143443
T= 3093	TA= 3366.15	L= .143723
T= 3094	TA= 3367.15	L= .144005
T= 3095	TA= 3368.15	L= .144286
T= 3096	TA= 3369.15	L= .144568
T= 3097	TA= 3370.15	L= .144851
T= 3098	TA= 3371.15	L= .145133
T= 3099	TA= 3372.15	L= .145416

T= 3100	TA= 3373.15	L= .1457
T= 3101	TA= 3374.15	L= .145984
T= 3102	TA= 3375.15	L= .146268
T= 3103	TA= 3376.15	L= .146553
T= 3104	TA= 3377.15	L= .146838
T= 3105	TA= 3378.15	L= .147123
T= 3106	TA= 3379.15	L= .147409
T= 3107	TA= 3380.15	L= .147695
T= 3108	TA= 3381.15	L= .147982
T= 3109	TA= 3382.15	L= .148269
T= 3110	TA= 3383.15	L= .148556
T= 3111	TA= 3384.15	L= .148844
T= 3112	TA= 3385.15	L= .149132
T= 3113	TA= 3386.15	L= .14942
T= 3114	TA= 3387.15	L= .14971
T= 3115	TA= 3388.15	L= .149999
T= 3116	TA= 3389.15	L= .150288
T= 3117	TA= 3390.15	L= .150579
T= 3118	TA= 3391.15	L= .150869
T= 3119	TA= 3392.15	L= .15116
T= 3120	TA= 3393.15	L= .151451
T= 3121	TA= 3394.15	L= .151743
T= 3122	TA= 3395.15	L= .152035
T= 3123	TA= 3396.15	L= .152327
T= 3124	TA= 3397.15	L= .15262
T= 3125	TA= 3398.15	L= .152913
T= 3126	TA= 3399.15	L= .153207
T= 3127	TA= 3400.15	L= .153501
T= 3128	TA= 3401.15	L= .153795
T= 3129	TA= 3402.15	L= .15409
T= 3130	TA= 3403.15	L= .154385
T= 3131	TA= 3404.15	L= .154681
T= 3132	TA= 3405.15	L= .154977
T= 3133	TA= 3406.15	L= .155273
T= 3134	TA= 3407.15	L= .15557
T= 3135	TA= 3408.15	L= .155867
T= 3136	TA= 3409.15	L= .156164
T= 3137	TA= 3410.15	L= .156462
T= 3138	TA= 3411.15	L= .156761
T= 3139	TA= 3412.15	L= .157059
T= 3140	TA= 3413.15	L= .157358
T= 3141	TA= 3414.15	L= .157658
T= 3142	TA= 3415.15	L= .157958
T= 3143	TA= 3416.15	L= .158258
T= 3144	TA= 3417.15	L= .158559
T= 3145	TA= 3418.15	L= .15886
T= 3146	TA= 3419.15	L= .159161
T= 3147	TA= 3420.15	L= .159463
T= 3148	TA= 3421.15	L= .159765
T= 3149	TA= 3422.15	L= .160068

T= 3150	TA= 3423.15	L= .160371
T= 3151	TA= 3424.15	L= .160674
T= 3152	TA= 3425.15	L= .160978
T= 3153	TA= 3426.15	L= .161283
T= 3154	TA= 3427.15	L= .161587
T= 3155	TA= 3428.15	L= .161892
T= 3156	TA= 3429.15	L= .162198
T= 3157	TA= 3430.15	L= .162503
T= 3158	TA= 3431.15	L= .16281
T= 3159	TA= 3432.15	L= .163116
T= 3160	TA= 3433.15	L= .163423
T= 3161	TA= 3434.15	L= .163731
T= 3162	TA= 3435.15	L= .164039
T= 3163	TA= 3436.15	L= .164347
T= 3164	TA= 3437.15	L= .164655
T= 3165	TA= 3438.15	L= .164964
T= 3166	TA= 3439.15	L= .165274
T= 3167	TA= 3440.15	L= .165584
T= 3168	TA= 3441.15	L= .165894
T= 3169	TA= 3442.15	L= .166205
T= 3170	TA= 3443.15	L= .166516
T= 3171	TA= 3444.15	L= .166827
T= 3172	TA= 3445.15	L= .167139
T= 3173	TA= 3446.15	L= .167451
T= 3174	TA= 3447.15	L= .167764
T= 3175	TA= 3448.15	L= .168077
T= 3176	TA= 3449.15	L= .16839
T= 3177	TA= 3450.15	L= .168704
T= 3178	TA= 3451.15	L= .169018
T= 3179	TA= 3452.15	L= .169333
T= 3180	TA= 3453.15	L= .169648
T= 3181	TA= 3454.15	L= .169964
T= 3182	TA= 3455.15	L= .170279
T= 3183	TA= 3456.15	L= .170596
T= 3184	TA= 3457.15	L= .170912
T= 3185	TA= 3458.15	L= .17123
T= 3186	TA= 3459.15	L= .171547
T= 3187	TA= 3460.15	L= .171865
T= 3188	TA= 3461.15	L= .172183
T= 3189	TA= 3462.15	L= .172502
T= 3190	TA= 3463.15	L= .172821
T= 3191	TA= 3464.15	L= .173141
T= 3192	TA= 3465.15	L= .173461
T= 3193	TA= 3466.15	L= .173781
T= 3194	TA= 3467.15	L= .174102
T= 3195	TA= 3468.15	L= .174423
T= 3196	TA= 3469.15	L= .174744
T= 3197	TA= 3470.15	L= .175066
T= 3198	TA= 3471.15	L= .175389
T= 3199	TA= 3472.15	L= .175712

T= 3200	TA= 3473.15	L= .176035
T= 3201	TA= 3474.15	L= .176358
T= 3202	TA= 3475.15	L= .176682
T= 3203	TA= 3476.15	L= .177007
T= 3204	TA= 3477.15	L= .177332
T= 3205	TA= 3478.15	L= .177657
T= 3206	TA= 3479.15	L= .177983
T= 3207	TA= 3480.15	L= .178309
T= 3208	TA= 3481.15	L= .178635
T= 3209	TA= 3482.15	L= .178962
T= 3210	TA= 3483.15	L= .179289
T= 3211	TA= 3484.15	L= .179617
T= 3212	TA= 3485.15	L= .179945
T= 3213	TA= 3486.15	L= .180273
T= 3214	TA= 3487.15	L= .180602
T= 3215	TA= 3488.15	L= .180932
T= 3216	TA= 3489.15	L= .181262
T= 3217	TA= 3490.15	L= .181592
T= 3218	TA= 3491.15	L= .181922
T= 3219	TA= 3492.15	L= .182253
T= 3220	TA= 3493.15	L= .182585
T= 3221	TA= 3494.15	L= .182917
T= 3222	TA= 3495.15	L= .183249
T= 3223	TA= 3496.15	L= .183582
T= 3224	TA= 3497.15	L= .183915
T= 3225	TA= 3498.15	L= .184248
T= 3226	TA= 3499.15	L= .184582
T= 3227	TA= 3500.15	L= .184916
T= 3228	TA= 3501.15	L= .185251
T= 3229	TA= 3502.15	L= .185586
T= 3230	TA= 3503.15	L= .185922
T= 3231	TA= 3504.15	L= .186258
T= 3232	TA= 3505.15	L= .186594
T= 3233	TA= 3506.15	L= .186931
T= 3234	TA= 3507.15	L= .187268
T= 3235	TA= 3508.15	L= .187606
T= 3236	TA= 3509.15	L= .187944
T= 3237	TA= 3510.15	L= .188282
T= 3238	TA= 3511.15	L= .188621
T= 3239	TA= 3512.15	L= .188961
T= 3240	TA= 3513.15	L= .1893
T= 3241	TA= 3514.15	L= .18964
T= 3242	TA= 3515.15	L= .189981
T= 3243	TA= 3516.15	L= .190322
T= 3244	TA= 3517.15	L= .190663
T= 3245	TA= 3518.15	L= .191005
T= 3246	TA= 3519.15	L= .191348
T= 3247	TA= 3520.15	L= .19169
T= 3248	TA= 3521.15	L= .192033
T= 3249	TA= 3522.15	L= .192377

T= 3250	TA= 3523.15	L= .192721
T= 3251	TA= 3524.15	L= .193065
T= 3252	TA= 3525.15	L= .19341
T= 3253	TA= 3526.15	L= .193755
T= 3254	TA= 3527.15	L= .194101
T= 3255	TA= 3528.15	L= .194447
T= 3256	TA= 3529.15	L= .194793
T= 3257	TA= 3530.15	L= .19514
T= 3258	TA= 3531.15	L= .195487
T= 3259	TA= 3532.15	L= .195835
T= 3260	TA= 3533.15	L= .196183
T= 3261	TA= 3534.15	L= .196532
T= 3262	TA= 3535.15	L= .196881
T= 3263	TA= 3536.15	L= .19723
T= 3264	TA= 3537.15	L= .19758
T= 3265	TA= 3538.15	L= .19793
T= 3266	TA= 3539.15	L= .198281
T= 3267	TA= 3540.15	L= .198632
T= 3268	TA= 3541.15	L= .198983
T= 3269	TA= 3542.15	L= .199336
T= 3270	TA= 3543.15	L= .199688
T= 3271	TA= 3544.15	L= .20004
T= 3272	TA= 3545.15	L= .200394
T= 3273	TA= 3546.15	L= .200747
T= 3274	TA= 3547.15	L= .201101
T= 3275	TA= 3548.15	L= .201456
T= 3276	TA= 3549.15	L= .201811
T= 3277	TA= 3550.15	L= .202166
T= 3278	TA= 3551.15	L= .202522
T= 3279	TA= 3552.15	L= .202878
T= 3280	TA= 3553.15	L= .203235
T= 3281	TA= 3554.15	L= .203592
T= 3282	TA= 3555.15	L= .203949
T= 3283	TA= 3556.15	L= .204307
T= 3284	TA= 3557.15	L= .204666
T= 3285	TA= 3558.15	L= .205025
T= 3286	TA= 3559.15	L= .205384
T= 3287	TA= 3560.15	L= .205743
T= 3288	TA= 3561.15	L= .206103
T= 3289	TA= 3562.15	L= .206464
T= 3290	TA= 3563.15	L= .206824
T= 3291	TA= 3564.15	L= .207186
T= 3292	TA= 3565.15	L= .207548
T= 3293	TA= 3566.15	L= .20791
T= 3294	TA= 3567.15	L= .208273
T= 3295	TA= 3568.15	L= .208635
T= 3296	TA= 3569.15	L= .208999
T= 3297	TA= 3570.15	L= .209363
T= 3298	TA= 3571.15	L= .209727
T= 3299	TA= 3572.15	L= .210092

T= 3300	TA= 3573.15	L= .210457
T= 3301	TA= 3574.15	L= .210823
T= 3302	TA= 3575.15	L= .211189
T= 3303	TA= 3576.15	L= .211556
T= 3304	TA= 3577.15	L= .211923
T= 3305	TA= 3578.15	L= .21229
T= 3306	TA= 3579.15	L= .212657
T= 3307	TA= 3580.15	L= .213026
T= 3308	TA= 3581.15	L= .213395
T= 3309	TA= 3582.15	L= .213764
T= 3310	TA= 3583.15	L= .214133
T= 3311	TA= 3584.15	L= .214503
T= 3312	TA= 3585.15	L= .214874
T= 3313	TA= 3586.15	L= .215244
T= 3314	TA= 3587.15	L= .215616
T= 3315	TA= 3588.15	L= .215987
T= 3316	TA= 3589.15	L= .216359
T= 3317	TA= 3590.15	L= .216732
T= 3318	TA= 3591.15	L= .217105
T= 3319	TA= 3592.15	L= .217478
T= 3320	TA= 3593.15	L= .217852
T= 3321	TA= 3594.15	L= .218227
T= 3322	TA= 3595.15	L= .218601
T= 3323	TA= 3596.15	L= .218977
T= 3324	TA= 3597.15	L= .219352
T= 3325	TA= 3598.15	L= .219728
T= 3326	TA= 3599.15	L= .220105
T= 3327	TA= 3600.15	L= .220482
T= 3328	TA= 3601.15	L= .220859
T= 3329	TA= 3602.15	L= .221237
T= 3330	TA= 3603.15	L= .221615
T= 3331	TA= 3604.15	L= .221994
T= 3332	TA= 3605.15	L= .222373
T= 3333	TA= 3606.15	L= .222752
T= 3334	TA= 3607.15	L= .223132
T= 3335	TA= 3608.15	L= .223513
T= 3336	TA= 3609.15	L= .223894
T= 3337	TA= 3610.15	L= .224275
T= 3338	TA= 3611.15	L= .224657
T= 3339	TA= 3612.15	L= .225039
T= 3340	TA= 3613.15	L= .225421
T= 3341	TA= 3614.15	L= .225805
T= 3342	TA= 3615.15	L= .226188
T= 3343	TA= 3616.15	L= .226572
T= 3344	TA= 3617.15	L= .226956
T= 3345	TA= 3618.15	L= .227341
T= 3346	TA= 3619.15	L= .227727
T= 3347	TA= 3620.15	L= .228112
T= 3348	TA= 3621.15	L= .228498
T= 3349	TA= 3622.15	L= .228885

T= 3350	TA= 3623.15	L= .229272
T= 3351	TA= 3624.15	L= .229659
T= 3352	TA= 3625.15	L= .230047
T= 3353	TA= 3626.15	L= .230436
T= 3354	TA= 3627.15	L= .230825
T= 3355	TA= 3628.15	L= .231214
T= 3356	TA= 3629.15	L= .231603
T= 3357	TA= 3630.15	L= .231994
T= 3358	TA= 3631.15	L= .232384
T= 3359	TA= 3632.15	L= .232775
T= 3360	TA= 3633.15	L= .233167
T= 3361	TA= 3634.15	L= .233559
T= 3362	TA= 3635.15	L= .233951
T= 3363	TA= 3636.15	L= .234343
T= 3364	TA= 3637.15	L= .234737
T= 3365	TA= 3638.15	L= .235131
T= 3366	TA= 3639.15	L= .235525
T= 3367	TA= 3640.15	L= .235919
T= 3368	TA= 3641.15	L= .236314
T= 3369	TA= 3642.15	L= .23671
T= 3370	TA= 3643.15	L= .237106
T= 3371	TA= 3644.15	L= .237502
T= 3372	TA= 3645.15	L= .237899
T= 3373	TA= 3646.15	L= .238296
T= 3374	TA= 3647.15	L= .238694
T= 3375	TA= 3648.15	L= .239092
T= 3376	TA= 3649.15	L= .23949
T= 3377	TA= 3650.15	L= .239889
T= 3378	TA= 3651.15	L= .240289
T= 3379	TA= 3652.15	L= .240689
T= 3380	TA= 3653.15	L= .241089
T= 3381	TA= 3654.15	L= .24149
T= 3382	TA= 3655.15	L= .241891
T= 3383	TA= 3656.15	L= .242293
T= 3384	TA= 3657.15	L= .242695
T= 3385	TA= 3658.15	L= .243098
T= 3386	TA= 3659.15	L= .243501
T= 3387	TA= 3660.15	L= .243904
T= 3388	TA= 3661.15	L= .244308
T= 3389	TA= 3662.15	L= .244713
T= 3390	TA= 3663.15	L= .245118
T= 3391	TA= 3664.15	L= .245523
T= 3392	TA= 3665.15	L= .245929
T= 3393	TA= 3666.15	L= .246335
T= 3394	TA= 3667.15	L= .246742
T= 3395	TA= 3668.15	L= .247149
T= 3396	TA= 3669.15	L= .247556
T= 3397	TA= 3670.15	L= .247964
T= 3398	TA= 3671.15	L= .248373
T= 3399	TA= 3672.15	L= .248782

T= 3400	TA= 3673.15	L= .249191
T= 3401	TA= 3674.15	L= .249601
T= 3402	TA= 3675.15	L= .250011
T= 3403	TA= 3676.15	L= .250422
T= 3404	TA= 3677.15	L= .250833
T= 3405	TA= 3678.15	L= .251245
T= 3406	TA= 3679.15	L= .251657
T= 3407	TA= 3680.15	L= .252069
T= 3408	TA= 3681.15	L= .252482
T= 3409	TA= 3682.15	L= .252896
T= 3410	TA= 3683.15	L= .25331
T= 3411	TA= 3684.15	L= .253724
T= 3412	TA= 3685.15	L= .254139
T= 3413	TA= 3686.15	L= .254554
T= 3414	TA= 3687.15	L= .25497
T= 3415	TA= 3688.15	L= .255386
T= 3416	TA= 3689.15	L= .255803
T= 3417	TA= 3690.15	L= .25622
T= 3418	TA= 3691.15	L= .256637
T= 3419	TA= 3692.15	L= .257055
T= 3420	TA= 3693.15	L= .257474
T= 3421	TA= 3694.15	L= .257893
T= 3422	TA= 3695.15	L= .258312
T= 3423	TA= 3696.15	L= .258732
T= 3424	TA= 3697.15	L= .259152
T= 3425	TA= 3698.15	L= .259573
T= 3426	TA= 3699.15	L= .259994
T= 3427	TA= 3700.15	L= .260415
T= 3428	TA= 3701.15	L= .260837
T= 3429	TA= 3702.15	L= .26126
T= 3430	TA= 3703.15	L= .261683
T= 3431	TA= 3704.15	L= .262107
T= 3432	TA= 3705.15	L= .262531
T= 3433	TA= 3706.15	L= .262955
T= 3434	TA= 3707.15	L= .26338
T= 3435	TA= 3708.15	L= .263805
T= 3436	TA= 3709.15	L= .264231
T= 3437	TA= 3710.15	L= .264657
T= 3438	TA= 3711.15	L= .265084
T= 3439	TA= 3712.15	L= .265511
T= 3440	TA= 3713.15	L= .265938
T= 3441	TA= 3714.15	L= .266366
T= 3442	TA= 3715.15	L= .266795
T= 3443	TA= 3716.15	L= .267224
T= 3444	TA= 3717.15	L= .267654
T= 3445	TA= 3718.15	L= .268083
T= 3446	TA= 3719.15	L= .268514
T= 3447	TA= 3720.15	L= .268945
T= 3448	TA= 3721.15	L= .269376
T= 3449	TA= 3722.15	L= .269808

T= 3450	TA= 3723.15	L= .27024
T= 3451	TA= 3724.15	L= .270672
T= 3452	TA= 3725.15	L= .271105
T= 3453	TA= 3726.15	L= .271539
T= 3454	TA= 3727.15	L= .271973
T= 3455	TA= 3728.15	L= .272408
T= 3456	TA= 3729.15	L= .272843
T= 3457	TA= 3730.15	L= .273278
T= 3458	TA= 3731.15	L= .273714
T= 3459	TA= 3732.15	L= .27415
T= 3460	TA= 3733.15	L= .274587
T= 3461	TA= 3734.15	L= .275024
T= 3462	TA= 3735.15	L= .275462
T= 3463	TA= 3736.15	L= .2759
T= 3464	TA= 3737.15	L= .276339
T= 3465	TA= 3738.15	L= .276778
T= 3466	TA= 3739.15	L= .277218
T= 3467	TA= 3740.15	L= .277658
T= 3468	TA= 3741.15	L= .278098
T= 3469	TA= 3742.15	L= .278539
T= 3470	TA= 3743.15	L= .278981
T= 3471	TA= 3744.15	L= .279422
T= 3472	TA= 3745.15	L= .279865
T= 3473	TA= 3746.15	L= .280308
T= 3474	TA= 3747.15	L= .280751
T= 3475	TA= 3748.15	L= .281195
T= 3476	TA= 3749.15	L= .281639
T= 3477	TA= 3750.15	L= .282084
T= 3478	TA= 3751.15	L= .282529
T= 3479	TA= 3752.15	L= .282975
T= 3480	TA= 3753.15	L= .283421
T= 3481	TA= 3754.15	L= .283868
T= 3482	TA= 3755.15	L= .284315
T= 3483	TA= 3756.15	L= .284762
T= 3484	TA= 3757.15	L= .28521
T= 3485	TA= 3758.15	L= .285659
T= 3486	TA= 3759.15	L= .286108
T= 3487	TA= 3760.15	L= .286557
T= 3488	TA= 3761.15	L= .287007
T= 3489	TA= 3762.15	L= .287457
T= 3490	TA= 3763.15	L= .287908
T= 3491	TA= 3764.15	L= .288359
T= 3492	TA= 3765.15	L= .288811
T= 3493	TA= 3766.15	L= .289263
T= 3494	TA= 3767.15	L= .289716
T= 3495	TA= 3768.15	L= .290169
T= 3496	TA= 3769.15	L= .290623
T= 3497	TA= 3770.15	L= .291077
T= 3498	TA= 3771.15	L= .291531
T= 3499	TA= 3772.15	L= .291986

T= 3500	TA= 3773.15	L= .292442
T= 3501	TA= 3774.15	L= .292898
T= 3502	TA= 3775.15	L= .293354
T= 3503	TA= 3776.15	L= .293811
T= 3504	TA= 3777.15	L= .294269
T= 3505	TA= 3778.15	L= .294726
T= 3506	TA= 3779.15	L= .295185
T= 3507	TA= 3780.15	L= .295644
T= 3508	TA= 3781.15	L= .296103
T= 3509	TA= 3782.15	L= .296563
T= 3510	TA= 3783.15	L= .297023
T= 3511	TA= 3784.15	L= .297484
T= 3512	TA= 3785.15	L= .297945
T= 3513	TA= 3786.15	L= .298407
T= 3514	TA= 3787.15	L= .298869
T= 3515	TA= 3788.15	L= .299331
T= 3516	TA= 3789.15	L= .299794
T= 3517	TA= 3790.15	L= .300258
T= 3518	TA= 3791.15	L= .300722
T= 3519	TA= 3792.15	L= .301186
T= 3520	TA= 3793.15	L= .301651
T= 3521	TA= 3794.15	L= .302117
T= 3522	TA= 3795.15	L= .302582
T= 3523	TA= 3796.15	L= .303049
T= 3524	TA= 3797.15	L= .303515
T= 3525	TA= 3798.15	L= .303983
T= 3526	TA= 3799.15	L= .304451
T= 3527	TA= 3800.15	L= .304919
T= 3528	TA= 3801.15	L= .305387
T= 3529	TA= 3802.15	L= .305857
T= 3530	TA= 3803.15	L= .306327
T= 3531	TA= 3804.15	L= .306797
T= 3532	TA= 3805.15	L= .307268
T= 3533	TA= 3806.15	L= .307738
T= 3534	TA= 3807.15	L= .30821
T= 3535	TA= 3808.15	L= .308682
T= 3536	TA= 3809.15	L= .309155
T= 3537	TA= 3810.15	L= .309628
T= 3538	TA= 3811.15	L= .310101
T= 3539	TA= 3812.15	L= .310575
T= 3540	TA= 3813.15	L= .31105
T= 3541	TA= 3814.15	L= .311525
T= 3542	TA= 3815.15	L= .312
T= 3543	TA= 3816.15	L= .312476
T= 3544	TA= 3817.15	L= .312952
T= 3545	TA= 3818.15	L= .313429
T= 3546	TA= 3819.15	L= .313906
T= 3547	TA= 3820.15	L= .314384
T= 3548	TA= 3821.15	L= .314863
T= 3549	TA= 3822.15	L= .315342

T= 3550	TA= 3823.15	L= .315821
T= 3551	TA= 3824.15	L= .3163
T= 3552	TA= 3825.15	L= .316781
T= 3553	TA= 3826.15	L= .317261
T= 3554	TA= 3827.15	L= .317742
T= 3555	TA= 3828.15	L= .318224
T= 3556	TA= 3829.15	L= .318706
T= 3557	TA= 3830.15	L= .319189
T= 3558	TA= 3831.15	L= .319672
T= 3559	TA= 3832.15	L= .320156
T= 3560	TA= 3833.15	L= .32064
T= 3561	TA= 3834.15	L= .321124
T= 3562	TA= 3835.15	L= .321609
T= 3563	TA= 3836.15	L= .322095
T= 3564	TA= 3837.15	L= .322581
T= 3565	TA= 3838.15	L= .323067
T= 3566	TA= 3839.15	L= .323554
T= 3567	TA= 3840.15	L= .324041
T= 3568	TA= 3841.15	L= .324529
T= 3569	TA= 3842.15	L= .325018
T= 3570	TA= 3843.15	L= .325507
T= 3571	TA= 3844.15	L= .325996
T= 3572	TA= 3845.15	L= .326486
T= 3573	TA= 3846.15	L= .326976
T= 3574	TA= 3847.15	L= .327467
T= 3575	TA= 3848.15	L= .327958
T= 3576	TA= 3849.15	L= .32845
T= 3577	TA= 3850.15	L= .328942
T= 3578	TA= 3851.15	L= .329435
T= 3579	TA= 3852.15	L= .329928
T= 3580	TA= 3853.15	L= .330422
T= 3581	TA= 3854.15	L= .330916
T= 3582	TA= 3855.15	L= .331411
T= 3583	TA= 3856.15	L= .331906
T= 3584	TA= 3857.15	L= .332402
T= 3585	TA= 3858.15	L= .332898
T= 3586	TA= 3859.15	L= .333394
T= 3587	TA= 3860.15	L= .333891
T= 3588	TA= 3861.15	L= .334389
T= 3589	TA= 3862.15	L= .334887
T= 3590	TA= 3863.15	L= .335386
T= 3591	TA= 3864.15	L= .335885
T= 3592	TA= 3865.15	L= .336384
T= 3593	TA= 3866.15	L= .336884
T= 3594	TA= 3867.15	L= .337385
T= 3595	TA= 3868.15	L= .337886
T= 3596	TA= 3869.15	L= .338387
T= 3597	TA= 3870.15	L= .338889
T= 3598	TA= 3871.15	L= .339391
T= 3599	TA= 3872.15	L= .339895
T= 3600	TA= 3873.15	L= .340398