

Table A2: The small-signal gain coefficients (α in cm^{-1} , with only values exceeding 0.005 cm^{-1} listed) at the central frequency for Ne-like ions of Kr, Xe, W, and U in the ion source have been investigated over seven electron densities, ρ (in cm^{-3}), ranging from 1×10^{19} to 1×10^{22} . For the four ions, the lowest 75, 75, 61, and 61 energy levels, respectively, are included in the collisional-radiative model. The study focuses on wavelengths (λ in nm) shorter than 10 nm, within the X-ray range. The columns “ Z ”, “ j ”, “ i ”, and “ $T(\text{K})$ ” represent the nuclear charge number, the upper and lower energy level indices (as defined in Table 1) of a potential laser transition, and the incident electron energy in Kelvin, respectively. The datasets provided herein are comprehensive, with $a \pm b$ denoting $a \times 10^{\pm b}$.

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	17	3	9.612	$2.088 + 07$	$1.000 + 19$	0.020
36	17	3	9.612	$2.206 + 07$	$1.000 + 19$	0.023
36	17	3	9.612	$2.323 + 07$	$1.000 + 19$	0.022
36	17	3	9.612	$2.441 + 07$	$1.000 + 19$	0.021
36	17	3	9.612	$2.559 + 07$	$1.000 + 19$	0.021
36	17	3	9.612	$2.677 + 07$	$1.000 + 19$	0.020
36	17	3	9.612	$2.795 + 07$	$1.000 + 19$	0.019
36	17	3	9.612	$3.569 + 07$	$1.000 + 19$	0.017
36	17	3	9.612	$5.098 + 07$	$1.000 + 19$	0.013
36	17	3	9.612	$2.088 + 07$	$3.162 + 19$	0.117
36	17	3	9.612	$2.206 + 07$	$3.162 + 19$	0.132
36	17	3	9.612	$2.323 + 07$	$3.162 + 19$	0.128
36	17	3	9.612	$2.441 + 07$	$3.162 + 19$	0.120
36	17	3	9.612	$2.559 + 07$	$3.162 + 19$	0.118
36	17	3	9.612	$2.677 + 07$	$3.162 + 19$	0.111
36	17	3	9.612	$2.795 + 07$	$3.162 + 19$	0.109
36	17	3	9.612	$3.569 + 07$	$3.162 + 19$	0.098
36	17	3	9.612	$5.098 + 07$	$3.162 + 19$	0.080
36	17	3	9.612	$1.699 + 08$	$3.162 + 19$	0.033
36	17	3	9.612	$1.020 + 09$	$3.162 + 19$	0.008
36	17	3	9.612	$2.088 + 07$	$1.000 + 20$	0.487
36	17	3	9.612	$2.206 + 07$	$1.000 + 20$	0.546
36	17	3	9.612	$2.323 + 07$	$1.000 + 20$	0.528
36	17	3	9.612	$2.441 + 07$	$1.000 + 20$	0.492
36	17	3	9.612	$2.559 + 07$	$1.000 + 20$	0.485
36	17	3	9.612	$2.677 + 07$	$1.000 + 20$	0.453
36	17	3	9.612	$2.795 + 07$	$1.000 + 20$	0.446
36	17	3	9.612	$3.569 + 07$	$1.000 + 20$	0.413
36	17	3	9.612	$5.098 + 07$	$1.000 + 20$	0.352
36	17	3	9.612	$1.699 + 08$	$1.000 + 20$	0.165
36	17	3	9.612	$1.020 + 09$	$1.000 + 20$	0.048
36	17	3	9.612	$2.088 + 07$	$3.162 + 20$	1.637
36	17	3	9.612	$2.206 + 07$	$3.162 + 20$	1.822
36	17	3	9.612	$2.323 + 07$	$3.162 + 20$	1.761
36	17	3	9.612	$2.441 + 07$	$3.162 + 20$	1.634
36	17	3	9.612	$2.559 + 07$	$3.162 + 20$	1.616
36	17	3	9.612	$2.677 + 07$	$3.162 + 20$	1.488
36	17	3	9.612	$2.795 + 07$	$3.162 + 20$	1.463
36	17	3	9.612	$3.569 + 07$	$3.162 + 20$	1.389
36	17	3	9.612	$5.098 + 07$	$3.162 + 20$	1.220
36	17	3	9.612	$1.699 + 08$	$3.162 + 20$	0.615
36	17	3	9.612	$1.020 + 09$	$3.162 + 20$	0.197
36	17	3	9.612	$2.088 + 07$	$1.000 + 21$	4.765
36	17	3	9.612	$2.206 + 07$	$1.000 + 21$	5.290
36	17	3	9.612	$2.323 + 07$	$1.000 + 21$	5.102
36	17	3	9.612	$2.441 + 07$	$1.000 + 21$	4.719
36	17	3	9.612	$2.559 + 07$	$1.000 + 21$	4.691
36	17	3	9.612	$2.677 + 07$	$1.000 + 21$	4.192
36	17	3	9.612	$2.795 + 07$	$1.000 + 21$	4.114
36	17	3	9.612	$3.569 + 07$	$1.000 + 21$	4.014
36	17	3	9.612	$5.098 + 07$	$1.000 + 21$	3.623
36	17	3	9.612	$1.699 + 08$	$1.000 + 21$	1.917
36	17	3	9.612	$1.020 + 09$	$1.000 + 21$	0.651
36	17	3	9.612	$2.088 + 07$	$3.162 + 21$	11.896
36	17	3	9.612	$2.206 + 07$	$3.162 + 21$	13.231
36	17	3	9.612	$2.323 + 07$	$3.162 + 21$	12.653

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	17	3	9.612	2.441 + 07	3.162 + 21	11.567
36	17	3	9.612	2.559 + 07	3.162 + 21	11.588
36	17	3	9.612	2.677 + 07	3.162 + 21	9.767
36	17	3	9.612	2.795 + 07	3.162 + 21	9.506
36	17	3	9.612	3.569 + 07	3.162 + 21	9.645
36	17	3	9.612	5.098 + 07	3.162 + 21	9.016
36	17	3	9.612	1.699 + 08	3.162 + 21	5.010
36	17	3	9.612	1.020 + 09	3.162 + 21	1.788
36	17	3	9.612	2.088 + 07	1.000 + 22	25.270
36	17	3	9.612	2.206 + 07	1.000 + 22	28.036
36	17	3	9.612	2.323 + 07	1.000 + 22	26.193
36	17	3	9.612	2.441 + 07	1.000 + 22	23.239
36	17	3	9.612	2.559 + 07	1.000 + 22	23.488
36	17	3	9.612	2.677 + 07	1.000 + 22	18.055
36	17	3	9.612	2.795 + 07	1.000 + 22	17.156
36	17	3	9.612	3.569 + 07	1.000 + 22	18.176
36	17	3	9.612	5.098 + 07	1.000 + 22	17.528
36	17	3	9.612	1.699 + 08	1.000 + 22	10.022
36	17	3	9.612	1.020 + 09	1.000 + 22	3.737
36	31	17	7.570	1.970 + 07	3.162 + 21	0.143
36	31	17	7.570	1.970 + 07	1.000 + 22	1.296
36	34	27	7.219	2.088 + 07	3.162 + 20	0.026
36	34	27	7.219	2.206 + 07	3.162 + 20	0.028
36	34	27	7.219	2.323 + 07	3.162 + 20	0.031
36	34	27	7.219	2.441 + 07	3.162 + 20	0.045
36	34	27	7.219	2.559 + 07	3.162 + 20	0.041
36	34	27	7.219	2.677 + 07	3.162 + 20	0.041
36	34	27	7.219	2.795 + 07	3.162 + 20	0.040
36	34	27	7.219	3.569 + 07	3.162 + 20	0.026
36	34	27	7.219	5.098 + 07	3.162 + 20	0.014
36	34	27	7.219	1.970 + 07	1.000 + 21	0.038
36	34	27	7.219	2.088 + 07	1.000 + 21	0.206
36	34	27	7.219	2.206 + 07	1.000 + 21	0.213
36	34	27	7.219	2.323 + 07	1.000 + 21	0.233
36	34	27	7.219	2.441 + 07	1.000 + 21	0.302
36	34	27	7.219	2.559 + 07	1.000 + 21	0.281
36	34	27	7.219	2.677 + 07	1.000 + 21	0.287
36	34	27	7.219	2.795 + 07	1.000 + 21	0.281
36	34	27	7.219	3.569 + 07	1.000 + 21	0.194
36	34	27	7.219	5.098 + 07	1.000 + 21	0.113
36	34	27	7.219	1.699 + 08	1.000 + 21	0.026
36	34	27	7.219	1.970 + 07	3.162 + 21	0.248
36	34	27	7.219	2.088 + 07	3.162 + 21	1.184
36	34	27	7.219	2.206 + 07	3.162 + 21	1.130
36	34	27	7.219	2.323 + 07	3.162 + 21	1.237
36	34	27	7.219	2.441 + 07	3.162 + 21	1.508
36	34	27	7.219	2.559 + 07	3.162 + 21	1.417
36	34	27	7.219	2.677 + 07	3.162 + 21	1.460
36	34	27	7.219	2.795 + 07	3.162 + 21	1.438
36	34	27	7.219	3.569 + 07	3.162 + 21	1.056
36	34	27	7.219	5.098 + 07	3.162 + 21	0.677
36	34	27	7.219	1.699 + 08	3.162 + 21	0.205
36	34	27	7.219	1.020 + 09	3.162 + 21	0.047
36	34	27	7.219	1.970 + 07	1.000 + 22	1.299
36	34	27	7.219	2.088 + 07	1.000 + 22	5.099
36	34	27	7.219	2.206 + 07	1.000 + 22	4.111
36	34	27	7.219	2.323 + 07	1.000 + 22	4.596
36	34	27	7.219	2.441 + 07	1.000 + 22	5.504
36	34	27	7.219	2.559 + 07	1.000 + 22	5.209
36	34	27	7.219	2.677 + 07	1.000 + 22	5.392
36	34	27	7.219	2.795 + 07	1.000 + 22	5.313
36	34	27	7.219	3.569 + 07	1.000 + 22	4.094
36	34	27	7.219	5.098 + 07	1.000 + 22	2.837
36	34	27	7.219	1.699 + 08	1.000 + 22	1.070
36	34	27	7.219	1.020 + 09	1.000 + 22	0.308
36	35	27	7.186	2.441 + 07	1.000 + 20	0.008
36	35	27	7.186	2.559 + 07	1.000 + 20	0.008
36	35	27	7.186	2.677 + 07	1.000 + 20	0.008
36	35	27	7.186	2.795 + 07	1.000 + 20	0.007

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	35	27	7.186	$1.970 + 07$	$3.162 + 20$	0.007
36	35	27	7.186	$2.088 + 07$	$3.162 + 20$	0.041
36	35	27	7.186	$2.206 + 07$	$3.162 + 20$	0.044
36	35	27	7.186	$2.323 + 07$	$3.162 + 20$	0.048
36	35	27	7.186	$2.441 + 07$	$3.162 + 20$	0.072
36	35	27	7.186	$2.559 + 07$	$3.162 + 20$	0.067
36	35	27	7.186	$2.677 + 07$	$3.162 + 20$	0.067
36	35	27	7.186	$2.795 + 07$	$3.162 + 20$	0.065
36	35	27	7.186	$3.569 + 07$	$3.162 + 20$	0.045
36	35	27	7.186	$5.098 + 07$	$3.162 + 20$	0.026
36	35	27	7.186	$1.699 + 08$	$3.162 + 20$	0.007
36	35	27	7.186	$1.970 + 07$	$1.000 + 21$	0.057
36	35	27	7.186	$2.088 + 07$	$1.000 + 21$	0.300
36	35	27	7.186	$2.206 + 07$	$1.000 + 21$	0.307
36	35	27	7.186	$2.323 + 07$	$1.000 + 21$	0.338
36	35	27	7.186	$2.441 + 07$	$1.000 + 21$	0.452
36	35	27	7.186	$2.559 + 07$	$1.000 + 21$	0.423
36	35	27	7.186	$2.677 + 07$	$1.000 + 21$	0.434
36	35	27	7.186	$2.795 + 07$	$1.000 + 21$	0.423
36	35	27	7.186	$3.569 + 07$	$1.000 + 21$	0.302
36	35	27	7.186	$5.098 + 07$	$1.000 + 21$	0.187
36	35	27	7.186	$1.699 + 08$	$1.000 + 21$	0.054
36	35	27	7.186	$1.020 + 09$	$1.000 + 21$	0.012
36	35	27	7.186	$1.970 + 07$	$3.162 + 21$	0.373
36	35	27	7.186	$2.088 + 07$	$3.162 + 21$	1.738
36	35	27	7.186	$2.206 + 07$	$3.162 + 21$	1.638
36	35	27	7.186	$2.323 + 07$	$3.162 + 21$	1.815
36	35	27	7.186	$2.441 + 07$	$3.162 + 21$	2.261
36	35	27	7.186	$2.559 + 07$	$3.162 + 21$	2.133
36	35	27	7.186	$2.677 + 07$	$3.162 + 21$	2.202
36	35	27	7.186	$2.795 + 07$	$3.162 + 21$	2.157
36	35	27	7.186	$3.569 + 07$	$3.162 + 21$	1.609
36	35	27	7.186	$5.098 + 07$	$3.162 + 21$	1.064
36	35	27	7.186	$1.699 + 08$	$3.162 + 21$	0.354
36	35	27	7.186	$1.020 + 09$	$3.162 + 21$	0.090
36	35	27	7.186	$1.970 + 07$	$1.000 + 22$	2.011
36	35	27	7.186	$2.088 + 07$	$1.000 + 22$	7.751
36	35	27	7.186	$2.206 + 07$	$1.000 + 22$	6.185
36	35	27	7.186	$2.323 + 07$	$1.000 + 22$	7.005
36	35	27	7.186	$2.441 + 07$	$1.000 + 22$	8.506
36	35	27	7.186	$2.559 + 07$	$1.000 + 22$	8.071
36	35	27	7.186	$2.677 + 07$	$1.000 + 22$	8.368
36	35	27	7.186	$2.795 + 07$	$1.000 + 22$	8.207
36	35	27	7.186	$3.569 + 07$	$1.000 + 22$	6.380
36	35	27	7.186	$5.098 + 07$	$1.000 + 22$	4.495
36	35	27	7.186	$1.699 + 08$	$1.000 + 22$	1.754
36	35	27	7.186	$1.020 + 09$	$1.000 + 22$	0.509
36	30	13	7.162	$1.970 + 07$	$1.000 + 22$	0.017
36	31	13	7.120	$1.970 + 07$	$1.000 + 22$	0.005
36	35	26	6.865	$1.970 + 07$	$3.162 + 21$	0.071
36	35	26	6.865	$1.970 + 07$	$1.000 + 22$	0.540
36	35	25	6.808	$1.970 + 07$	$3.162 + 21$	0.012
36	35	25	6.808	$1.970 + 07$	$1.000 + 22$	0.301
36	36	26	6.797	$1.970 + 07$	$1.000 + 21$	0.128
36	36	26	6.797	$1.970 + 07$	$3.162 + 21$	0.855
36	36	26	6.797	$2.088 + 07$	$3.162 + 21$	0.065
36	36	26	6.797	$1.970 + 07$	$1.000 + 22$	3.724
36	36	26	6.797	$2.088 + 07$	$1.000 + 22$	3.165
36	36	26	6.797	$2.441 + 07$	$1.000 + 22$	2.313
36	36	26	6.797	$2.559 + 07$	$1.000 + 22$	1.752
36	36	26	6.797	$2.677 + 07$	$1.000 + 22$	3.133
36	37	27	6.795	$2.441 + 07$	$1.000 + 20$	0.014
36	37	27	6.795	$2.559 + 07$	$1.000 + 20$	0.013
36	37	27	6.795	$2.677 + 07$	$1.000 + 20$	0.013
36	37	27	6.795	$2.795 + 07$	$1.000 + 20$	0.013
36	37	27	6.795	$3.569 + 07$	$1.000 + 20$	0.013
36	37	27	6.795	$5.098 + 07$	$1.000 + 20$	0.011
36	37	27	6.795	$1.699 + 08$	$1.000 + 20$	0.006
36	37	27	6.795	$2.088 + 07$	$3.162 + 20$	0.018

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	37	27	6.795	2.206 + 07	3.162 + 20	0.021
36	37	27	6.795	2.323 + 07	3.162 + 20	0.028
36	37	27	6.795	2.441 + 07	3.162 + 20	0.099
36	37	27	6.795	2.559 + 07	3.162 + 20	0.099
36	37	27	6.795	2.677 + 07	3.162 + 20	0.097
36	37	27	6.795	2.795 + 07	3.162 + 20	0.096
36	37	27	6.795	3.569 + 07	3.162 + 20	0.093
36	37	27	6.795	5.098 + 07	3.162 + 20	0.086
36	37	27	6.795	1.699 + 08	3.162 + 20	0.046
36	37	27	6.795	1.020 + 09	3.162 + 20	0.012
36	37	27	6.795	1.970 + 07	1.000 + 21	0.024
36	37	27	6.795	2.088 + 07	1.000 + 21	0.130
36	37	27	6.795	2.206 + 07	1.000 + 21	0.137
36	37	27	6.795	2.323 + 07	1.000 + 21	0.180
36	37	27	6.795	2.441 + 07	1.000 + 21	0.535
36	37	27	6.795	2.559 + 07	1.000 + 21	0.535
36	37	27	6.795	2.677 + 07	1.000 + 21	0.522
36	37	27	6.795	2.795 + 07	1.000 + 21	0.517
36	37	27	6.795	3.569 + 07	1.000 + 21	0.507
36	37	27	6.795	5.098 + 07	1.000 + 21	0.479
36	37	27	6.795	1.699 + 08	1.000 + 21	0.281
36	37	27	6.795	1.020 + 09	1.000 + 21	0.082
36	37	27	6.795	1.970 + 07	3.162 + 21	0.161
36	37	27	6.795	2.088 + 07	3.162 + 21	0.767
36	37	27	6.795	2.206 + 07	3.162 + 21	0.688
36	37	27	6.795	2.323 + 07	3.162 + 21	0.917
36	37	27	6.795	2.441 + 07	3.162 + 21	2.201
36	37	27	6.795	2.559 + 07	3.162 + 21	2.192
36	37	27	6.795	2.677 + 07	3.162 + 21	2.137
36	37	27	6.795	2.795 + 07	3.162 + 21	2.105
36	37	27	6.795	3.569 + 07	3.162 + 21	2.040
36	37	27	6.795	5.098 + 07	3.162 + 21	1.923
36	37	27	6.795	1.699 + 08	3.162 + 21	1.199
36	37	27	6.795	1.020 + 09	3.162 + 21	0.399
36	37	27	6.795	1.970 + 07	1.000 + 22	1.018
36	37	27	6.795	2.088 + 07	1.000 + 22	3.915
36	37	27	6.795	2.206 + 07	1.000 + 22	2.755
36	37	27	6.795	2.323 + 07	1.000 + 22	3.804
36	37	27	6.795	2.441 + 07	1.000 + 22	7.520
36	37	27	6.795	2.559 + 07	1.000 + 22	7.435
36	37	27	6.795	2.677 + 07	1.000 + 22	7.267
36	37	27	6.795	2.795 + 07	1.000 + 22	7.096
36	37	27	6.795	3.569 + 07	1.000 + 22	6.645
36	37	27	6.795	5.098 + 07	1.000 + 22	6.041
36	37	27	6.795	1.699 + 08	1.000 + 22	3.712
36	37	27	6.795	1.020 + 09	1.000 + 22	1.340
36	36	25	6.742	1.970 + 07	1.000 + 21	0.038
36	36	25	6.742	1.970 + 07	3.162 + 21	0.461
36	36	25	6.742	1.970 + 07	1.000 + 22	2.360
36	36	25	6.742	2.088 + 07	1.000 + 22	2.698
36	36	25	6.742	2.441 + 07	1.000 + 22	0.934
36	36	25	6.742	2.559 + 07	1.000 + 22	0.813
36	36	25	6.742	2.677 + 07	1.000 + 22	1.918
36	34	24	6.733	1.970 + 07	3.162 + 21	0.271
36	34	24	6.733	1.970 + 07	1.000 + 22	1.737
36	35	24	6.705	1.970 + 07	3.162 + 21	0.159
36	35	24	6.705	1.970 + 07	1.000 + 22	1.194
36	32	14	6.694	1.970 + 07	3.162 + 20	0.008
36	32	14	6.694	1.970 + 07	1.000 + 21	0.117
36	32	14	6.694	1.970 + 07	3.162 + 21	0.703
36	32	14	6.694	1.970 + 07	1.000 + 22	3.035
36	32	14	6.694	2.441 + 07	1.000 + 22	0.464
36	32	14	6.694	2.559 + 07	1.000 + 22	0.085
36	32	14	6.694	2.677 + 07	1.000 + 22	1.495
36	28	7	6.693	2.441 + 07	1.000 + 20	0.007
36	28	7	6.693	2.559 + 07	1.000 + 20	0.006
36	28	7	6.693	2.677 + 07	1.000 + 20	0.008
36	28	7	6.693	1.970 + 07	3.162 + 20	0.020
36	28	7	6.693	2.088 + 07	3.162 + 20	0.015

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	28	7	6.693	2.206 + 07	3.162 + 20	0.007
36	28	7	6.693	2.323 + 07	3.162 + 20	0.026
36	28	7	6.693	2.441 + 07	3.162 + 20	0.046
36	28	7	6.693	2.559 + 07	3.162 + 20	0.039
36	28	7	6.693	2.677 + 07	3.162 + 20	0.053
36	28	7	6.693	2.795 + 07	3.162 + 20	0.031
36	28	7	6.693	1.970 + 07	1.000 + 21	0.116
36	28	7	6.693	2.323 + 07	1.000 + 21	0.007
36	28	7	6.693	2.441 + 07	1.000 + 21	0.163
36	28	7	6.693	2.559 + 07	1.000 + 21	0.130
36	28	7	6.693	2.677 + 07	1.000 + 21	0.221
36	28	7	6.693	2.795 + 07	1.000 + 21	0.084
36	28	7	6.693	1.970 + 07	3.162 + 21	0.528
36	28	7	6.693	2.441 + 07	3.162 + 21	0.063
36	28	7	6.693	2.677 + 07	3.162 + 21	0.397
36	28	7	6.693	1.970 + 07	1.000 + 22	2.109
36	28	7	6.693	2.441 + 07	1.000 + 22	0.162
36	28	7	6.693	2.677 + 07	1.000 + 22	1.214
36	32	13	6.646	1.970 + 07	1.000 + 21	0.024
36	32	13	6.646	1.970 + 07	3.162 + 21	0.349
36	32	13	6.646	1.970 + 07	1.000 + 22	1.888
36	32	13	6.646	2.088 + 07	1.000 + 22	0.438
36	32	13	6.646	2.441 + 07	1.000 + 22	0.608
36	32	13	6.646	2.559 + 07	1.000 + 22	0.517
36	32	13	6.646	2.677 + 07	1.000 + 22	1.426
36	36	24	6.641	1.970 + 07	3.162 + 21	0.005
36	36	24	6.641	1.970 + 07	1.000 + 22	0.024
36	36	24	6.641	2.088 + 07	1.000 + 22	0.035
36	36	24	6.641	2.441 + 07	1.000 + 22	0.034
36	36	24	6.641	2.559 + 07	1.000 + 22	0.031
36	36	24	6.641	2.677 + 07	1.000 + 22	0.039
36	36	24	6.641	2.795 + 07	1.000 + 22	0.013
36	30	12	6.636	1.970 + 07	1.000 + 21	0.034
36	30	12	6.636	1.970 + 07	3.162 + 21	0.251
36	30	12	6.636	1.970 + 07	1.000 + 22	1.220
36	30	12	6.636	2.088 + 07	1.000 + 22	0.135
36	30	12	6.636	2.441 + 07	1.000 + 22	0.782
36	30	12	6.636	2.559 + 07	1.000 + 22	0.669
36	30	12	6.636	2.677 + 07	1.000 + 22	1.142
36	28	6	6.631	1.970 + 07	3.162 + 21	0.046
36	28	6	6.631	1.970 + 07	1.000 + 22	0.677
36	31	12	6.600	1.970 + 07	1.000 + 22	0.597
36	37	26	6.507	1.699 + 08	1.000 + 21	0.245
36	37	26	6.507	5.098 + 07	3.162 + 21	0.707
36	37	26	6.507	1.699 + 08	3.162 + 21	1.733
36	37	26	6.507	1.020 + 09	3.162 + 21	0.455
36	37	26	6.507	5.098 + 07	1.000 + 22	3.232
36	37	26	6.507	1.699 + 08	1.000 + 22	5.146
36	37	26	6.507	1.020 + 09	1.000 + 22	1.553
36	37	25	6.456	1.699 + 08	3.162 + 20	0.009
36	37	25	6.456	5.098 + 07	1.000 + 21	0.034
36	37	25	6.456	1.699 + 08	1.000 + 21	0.173
36	37	25	6.456	1.020 + 09	1.000 + 21	0.036
36	37	25	6.456	5.098 + 07	3.162 + 21	0.393
36	37	25	6.456	1.699 + 08	3.162 + 21	0.803
36	37	25	6.456	1.020 + 09	3.162 + 21	0.249
36	37	25	6.456	5.098 + 07	1.000 + 22	1.621
36	37	25	6.456	1.699 + 08	1.000 + 22	2.234
36	37	25	6.456	1.020 + 09	1.000 + 22	0.747
36	37	24	6.363	1.699 + 08	3.162 + 20	0.014
36	37	24	6.363	5.098 + 07	1.000 + 21	0.124
36	37	24	6.363	1.699 + 08	1.000 + 21	0.153
36	37	24	6.363	1.020 + 09	1.000 + 21	0.035
36	37	24	6.363	5.098 + 07	3.162 + 21	0.528
36	37	24	6.363	1.699 + 08	3.162 + 21	0.660
36	37	24	6.363	1.020 + 09	3.162 + 21	0.208
36	37	24	6.363	2.441 + 07	1.000 + 22	0.350
36	37	24	6.363	2.559 + 07	1.000 + 22	0.669
36	37	24	6.363	2.677 + 07	1.000 + 22	0.357

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	37	24	6.363	3.569 + 07	1.000 + 22	0.476
36	37	24	6.363	5.098 + 07	1.000 + 22	1.621
36	37	24	6.363	1.699 + 08	1.000 + 22	1.784
36	37	24	6.363	1.020 + 09	1.000 + 22	0.604
36	29	7	6.316	2.206 + 07	3.162 + 19	0.006
36	29	7	6.316	2.323 + 07	3.162 + 19	0.013
36	29	7	6.316	2.441 + 07	3.162 + 19	0.012
36	29	7	6.316	2.559 + 07	3.162 + 19	0.012
36	29	7	6.316	2.677 + 07	3.162 + 19	0.011
36	29	7	6.316	2.795 + 07	3.162 + 19	0.010
36	29	7	6.316	3.569 + 07	3.162 + 19	0.009
36	29	7	6.316	5.098 + 07	3.162 + 19	0.008
36	29	7	6.316	2.206 + 07	1.000 + 20	0.036
36	29	7	6.316	2.323 + 07	1.000 + 20	0.076
36	29	7	6.316	2.441 + 07	1.000 + 20	0.071
36	29	7	6.316	2.559 + 07	1.000 + 20	0.070
36	29	7	6.316	2.677 + 07	1.000 + 20	0.065
36	29	7	6.316	2.795 + 07	1.000 + 20	0.061
36	29	7	6.316	3.569 + 07	1.000 + 20	0.057
36	29	7	6.316	5.098 + 07	1.000 + 20	0.049
36	29	7	6.316	1.699 + 08	1.000 + 20	0.021
36	29	7	6.316	2.206 + 07	3.162 + 20	0.137
36	29	7	6.316	2.323 + 07	3.162 + 20	0.320
36	29	7	6.316	2.441 + 07	3.162 + 20	0.301
36	29	7	6.316	2.559 + 07	3.162 + 20	0.300
36	29	7	6.316	2.677 + 07	3.162 + 20	0.275
36	29	7	6.316	2.795 + 07	3.162 + 20	0.257
36	29	7	6.316	3.569 + 07	3.162 + 20	0.251
36	29	7	6.316	5.098 + 07	3.162 + 20	0.226
36	29	7	6.316	1.699 + 08	3.162 + 20	0.109
36	29	7	6.316	1.020 + 09	3.162 + 20	0.030
36	29	7	6.316	2.206 + 07	1.000 + 21	0.275
36	29	7	6.316	2.323 + 07	1.000 + 21	0.931
36	29	7	6.316	2.441 + 07	1.000 + 21	0.891
36	29	7	6.316	2.559 + 07	1.000 + 21	0.899
36	29	7	6.316	2.677 + 07	1.000 + 21	0.808
36	29	7	6.316	2.795 + 07	1.000 + 21	0.719
36	29	7	6.316	3.569 + 07	1.000 + 21	0.756
36	29	7	6.316	5.098 + 07	1.000 + 21	0.726
36	29	7	6.316	1.699 + 08	1.000 + 21	0.401
36	29	7	6.316	1.020 + 09	1.000 + 21	0.126
36	29	7	6.316	2.323 + 07	3.162 + 21	1.863
36	29	7	6.316	2.441 + 07	3.162 + 21	1.894
36	29	7	6.316	2.559 + 07	3.162 + 21	1.951
36	29	7	6.316	2.677 + 07	3.162 + 21	1.659
36	29	7	6.316	2.795 + 07	3.162 + 21	1.283
36	29	7	6.316	3.569 + 07	3.162 + 21	1.530
36	29	7	6.316	5.098 + 07	3.162 + 21	1.616
36	29	7	6.316	1.699 + 08	3.162 + 21	0.999
36	29	7	6.316	1.020 + 09	3.162 + 21	0.347
36	29	7	6.316	2.323 + 07	1.000 + 22	3.491
36	29	7	6.316	2.441 + 07	1.000 + 22	4.119
36	29	7	6.316	2.559 + 07	1.000 + 22	4.276
36	29	7	6.316	2.677 + 07	1.000 + 22	3.422
36	29	7	6.316	2.795 + 07	1.000 + 22	2.194
36	29	7	6.316	3.569 + 07	1.000 + 22	2.792
36	29	7	6.316	5.098 + 07	1.000 + 22	3.048
36	29	7	6.316	1.699 + 08	1.000 + 22	1.822
36	29	7	6.316	1.020 + 09	1.000 + 22	0.574
36	32	12	6.190	1.970 + 07	1.000 + 22	0.016
36	32	12	6.190	2.088 + 07	1.000 + 22	0.012
36	32	12	6.190	2.441 + 07	1.000 + 22	0.020
36	32	12	6.190	2.559 + 07	1.000 + 22	0.018
36	32	12	6.190	2.677 + 07	1.000 + 22	0.025
36	32	12	6.190	2.795 + 07	1.000 + 22	0.009
36	34	23	5.615	2.441 + 07	1.000 + 20	0.007
36	34	23	5.615	2.559 + 07	1.000 + 20	0.006
36	34	23	5.615	2.677 + 07	1.000 + 20	0.006
36	34	23	5.615	2.795 + 07	1.000 + 20	0.006

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	34	23	5.615	1.970 + 07	3.162 + 20	0.006
36	34	23	5.615	2.088 + 07	3.162 + 20	0.034
36	34	23	5.615	2.206 + 07	3.162 + 20	0.039
36	34	23	5.615	2.323 + 07	3.162 + 20	0.043
36	34	23	5.615	2.441 + 07	3.162 + 20	0.062
36	34	23	5.615	2.559 + 07	3.162 + 20	0.057
36	34	23	5.615	2.677 + 07	3.162 + 20	0.057
36	34	23	5.615	2.795 + 07	3.162 + 20	0.056
36	34	23	5.615	3.569 + 07	3.162 + 20	0.036
36	34	23	5.615	5.098 + 07	3.162 + 20	0.019
36	34	23	5.615	1.970 + 07	1.000 + 21	0.052
36	34	23	5.615	2.088 + 07	1.000 + 21	0.263
36	34	23	5.615	2.206 + 07	1.000 + 21	0.294
36	34	23	5.615	2.323 + 07	1.000 + 21	0.322
36	34	23	5.615	2.441 + 07	1.000 + 21	0.418
36	34	23	5.615	2.559 + 07	1.000 + 21	0.389
36	34	23	5.615	2.677 + 07	1.000 + 21	0.396
36	34	23	5.615	2.795 + 07	1.000 + 21	0.389
36	34	23	5.615	3.569 + 07	1.000 + 21	0.267
36	34	23	5.615	5.098 + 07	1.000 + 21	0.154
36	34	23	5.615	1.699 + 08	1.000 + 21	0.033
36	34	23	5.615	1.020 + 09	1.000 + 21	0.005
36	34	23	5.615	1.970 + 07	3.162 + 21	0.332
36	34	23	5.615	2.088 + 07	3.162 + 21	1.428
36	34	23	5.615	2.206 + 07	3.162 + 21	1.536
36	34	23	5.615	2.323 + 07	3.162 + 21	1.689
36	34	23	5.615	2.441 + 07	3.162 + 21	2.069
36	34	23	5.615	2.559 + 07	3.162 + 21	1.943
36	34	23	5.615	2.677 + 07	3.162 + 21	1.988
36	34	23	5.615	2.795 + 07	3.162 + 21	1.967
36	34	23	5.615	3.569 + 07	3.162 + 21	1.437
36	34	23	5.615	5.098 + 07	3.162 + 21	0.911
36	34	23	5.615	1.699 + 08	3.162 + 21	0.263
36	34	23	5.615	1.020 + 09	3.162 + 21	0.058
36	34	23	5.615	1.970 + 07	1.000 + 22	1.644
36	34	23	5.615	2.088 + 07	1.000 + 22	5.331
36	34	23	5.615	2.206 + 07	1.000 + 22	5.355
36	34	23	5.615	2.323 + 07	1.000 + 22	6.065
36	34	23	5.615	2.441 + 07	1.000 + 22	7.336
36	34	23	5.615	2.559 + 07	1.000 + 22	6.933
36	34	23	5.615	2.677 + 07	1.000 + 22	7.081
36	34	23	5.615	2.795 + 07	1.000 + 22	7.053
36	34	23	5.615	3.569 + 07	1.000 + 22	5.398
36	34	23	5.615	5.098 + 07	1.000 + 22	3.690
36	34	23	5.615	1.699 + 08	1.000 + 22	1.332
36	34	23	5.615	1.020 + 09	1.000 + 22	0.366
36	35	23	5.595	2.441 + 07	1.000 + 20	0.006
36	35	23	5.595	2.559 + 07	1.000 + 20	0.005
36	35	23	5.595	2.677 + 07	1.000 + 20	0.005
36	35	23	5.595	2.795 + 07	1.000 + 20	0.005
36	35	23	5.595	1.970 + 07	3.162 + 20	0.005
36	35	23	5.595	2.088 + 07	3.162 + 20	0.027
36	35	23	5.595	2.206 + 07	3.162 + 20	0.030
36	35	23	5.595	2.323 + 07	3.162 + 20	0.033
36	35	23	5.595	2.441 + 07	3.162 + 20	0.050
36	35	23	5.595	2.559 + 07	3.162 + 20	0.046
36	35	23	5.595	2.677 + 07	3.162 + 20	0.047
36	35	23	5.595	2.795 + 07	3.162 + 20	0.045
36	35	23	5.595	3.569 + 07	3.162 + 20	0.031
36	35	23	5.595	5.098 + 07	3.162 + 20	0.018
36	35	23	5.595	1.970 + 07	1.000 + 21	0.039
36	35	23	5.595	2.088 + 07	1.000 + 21	0.191
36	35	23	5.595	2.206 + 07	1.000 + 21	0.212
36	35	23	5.595	2.323 + 07	1.000 + 21	0.234
36	35	23	5.595	2.441 + 07	1.000 + 21	0.313
36	35	23	5.595	2.559 + 07	1.000 + 21	0.293
36	35	23	5.595	2.677 + 07	1.000 + 21	0.300
36	35	23	5.595	2.795 + 07	1.000 + 21	0.293
36	35	23	5.595	3.569 + 07	1.000 + 21	0.208

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	35	23	5.595	5.098 + 07	1.000 + 21	0.128
36	35	23	5.595	1.699 + 08	1.000 + 21	0.036
36	35	23	5.595	1.020 + 09	1.000 + 21	0.008
36	35	23	5.595	1.970 + 07	3.162 + 21	0.250
36	35	23	5.595	2.088 + 07	3.162 + 21	1.040
36	35	23	5.595	2.206 + 07	3.162 + 21	1.112
36	35	23	5.595	2.323 + 07	3.162 + 21	1.239
36	35	23	5.595	2.441 + 07	3.162 + 21	1.552
36	35	23	5.595	2.559 + 07	3.162 + 21	1.463
36	35	23	5.595	2.677 + 07	3.162 + 21	1.500
36	35	23	5.595	2.795 + 07	3.162 + 21	1.476
36	35	23	5.595	3.569 + 07	3.162 + 21	1.096
36	35	23	5.595	5.098 + 07	3.162 + 21	0.717
36	35	23	5.595	1.699 + 08	3.162 + 21	0.230
36	35	23	5.595	1.020 + 09	3.162 + 21	0.056
36	35	23	5.595	1.970 + 07	1.000 + 22	1.274
36	35	23	5.595	2.088 + 07	1.000 + 22	4.029
36	35	23	5.595	2.206 + 07	1.000 + 22	4.023
36	35	23	5.595	2.323 + 07	1.000 + 22	4.623
36	35	23	5.595	2.441 + 07	1.000 + 22	5.675
36	35	23	5.595	2.559 + 07	1.000 + 22	5.378
36	35	23	5.595	2.677 + 07	1.000 + 22	5.502
36	35	23	5.595	2.795 + 07	1.000 + 22	5.453
36	35	23	5.595	3.569 + 07	1.000 + 22	4.213
36	35	23	5.595	5.098 + 07	1.000 + 22	2.932
36	35	23	5.595	1.699 + 08	1.000 + 22	1.101
36	35	23	5.595	1.020 + 09	1.000 + 22	0.306
36	30	9	5.425	2.441 + 07	1.000 + 22	0.043
36	30	9	5.425	2.559 + 07	1.000 + 22	0.024
36	37	23	5.355	2.323 + 07	1.000 + 20	0.005
36	37	23	5.355	2.441 + 07	1.000 + 20	0.024
36	37	23	5.355	2.559 + 07	1.000 + 20	0.024
36	37	23	5.355	2.677 + 07	1.000 + 20	0.023
36	37	23	5.355	2.795 + 07	1.000 + 20	0.023
36	37	23	5.355	3.569 + 07	1.000 + 20	0.022
36	37	23	5.355	5.098 + 07	1.000 + 20	0.020
36	37	23	5.355	1.699 + 08	1.000 + 20	0.010
36	37	23	5.355	1.970 + 07	3.162 + 20	0.005
36	37	23	5.355	2.088 + 07	3.162 + 20	0.028
36	37	23	5.355	2.206 + 07	3.162 + 20	0.036
36	37	23	5.355	2.323 + 07	3.162 + 20	0.048
36	37	23	5.355	2.441 + 07	3.162 + 20	0.174
36	37	23	5.355	2.559 + 07	3.162 + 20	0.173
36	37	23	5.355	2.677 + 07	3.162 + 20	0.169
36	37	23	5.355	2.795 + 07	3.162 + 20	0.167
36	37	23	5.355	3.569 + 07	3.162 + 20	0.163
36	37	23	5.355	5.098 + 07	3.162 + 20	0.150
36	37	23	5.355	1.699 + 08	3.162 + 20	0.080
36	37	23	5.355	1.020 + 09	3.162 + 20	0.020
36	37	23	5.355	1.970 + 07	1.000 + 21	0.040
36	37	23	5.355	2.088 + 07	1.000 + 21	0.187
36	37	23	5.355	2.206 + 07	1.000 + 21	0.232
36	37	23	5.355	2.323 + 07	1.000 + 21	0.309
36	37	23	5.355	2.441 + 07	1.000 + 21	0.932
36	37	23	5.355	2.559 + 07	1.000 + 21	0.931
36	37	23	5.355	2.677 + 07	1.000 + 21	0.906
36	37	23	5.355	2.795 + 07	1.000 + 21	0.898
36	37	23	5.355	3.569 + 07	1.000 + 21	0.881
36	37	23	5.355	5.098 + 07	1.000 + 21	0.834
36	37	23	5.355	1.699 + 08	1.000 + 21	0.488
36	37	23	5.355	1.020 + 09	1.000 + 21	0.142
36	37	23	5.355	1.970 + 07	3.162 + 21	0.259
36	37	23	5.355	2.088 + 07	3.162 + 21	0.977
36	37	23	5.355	2.206 + 07	3.162 + 21	1.128
36	37	23	5.355	2.323 + 07	3.162 + 21	1.536
36	37	23	5.355	2.441 + 07	3.162 + 21	3.789
36	37	23	5.355	2.559 + 07	3.162 + 21	3.774
36	37	23	5.355	2.677 + 07	3.162 + 21	3.655
36	37	23	5.355	2.795 + 07	3.162 + 21	3.613

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	37	23	5.355	3.569 + 07	3.162 + 21	3.510
36	37	23	5.355	5.098 + 07	3.162 + 21	3.314
36	37	23	5.355	1.699 + 08	3.162 + 21	2.066
36	37	23	5.355	1.020 + 09	3.162 + 21	0.687
36	37	23	5.355	1.970 + 07	1.000 + 22	1.503
36	37	23	5.355	2.088 + 07	1.000 + 22	3.980
36	37	23	5.355	2.206 + 07	1.000 + 22	4.177
36	37	23	5.355	2.323 + 07	1.000 + 22	6.066
36	37	23	5.355	2.441 + 07	1.000 + 22	12.582
36	37	23	5.355	2.559 + 07	1.000 + 22	12.452
36	37	23	5.355	2.677 + 07	1.000 + 22	11.985
36	37	23	5.355	2.795 + 07	1.000 + 22	11.814
36	37	23	5.355	3.569 + 07	1.000 + 22	11.113
36	37	23	5.355	5.098 + 07	1.000 + 22	10.143
36	37	23	5.355	1.699 + 08	1.000 + 22	6.247
36	37	23	5.355	1.020 + 09	1.000 + 22	2.248
36	36	21	5.218	2.441 + 07	1.000 + 22	0.017
36	28	3	5.196	2.206 + 07	3.162 + 20	0.018
36	28	3	5.196	2.323 + 07	3.162 + 20	0.025
36	28	3	5.196	2.441 + 07	3.162 + 20	0.032
36	28	3	5.196	2.559 + 07	3.162 + 20	0.028
36	28	3	5.196	2.677 + 07	3.162 + 20	0.022
36	28	3	5.196	2.795 + 07	3.162 + 20	0.022
36	28	3	5.196	3.569 + 07	3.162 + 20	0.007
36	28	3	5.196	2.206 + 07	1.000 + 21	0.027
36	28	3	5.196	2.323 + 07	1.000 + 21	0.088
36	28	3	5.196	2.441 + 07	1.000 + 21	0.156
36	28	3	5.196	2.559 + 07	1.000 + 21	0.138
36	28	3	5.196	2.677 + 07	1.000 + 21	0.090
36	28	3	5.196	2.795 + 07	1.000 + 21	0.095
36	28	3	5.196	3.569 + 07	1.000 + 21	0.030
36	28	3	5.196	2.441 + 07	3.162 + 21	0.297
36	28	3	5.196	2.559 + 07	3.162 + 21	0.252
36	28	3	5.196	2.795 + 07	3.162 + 21	0.017
36	28	3	5.196	2.441 + 07	1.000 + 22	0.238
36	28	3	5.196	2.559 + 07	1.000 + 22	0.149
36	32	9	5.124	2.441 + 07	1.000 + 22	0.420
36	32	9	5.124	2.559 + 07	1.000 + 22	0.381
36	32	9	5.124	2.677 + 07	1.000 + 22	0.026
36	32	9	5.124	2.795 + 07	1.000 + 22	0.059
36	37	22	5.107	1.699 + 08	3.162 + 21	0.863
36	37	22	5.107	1.020 + 09	3.162 + 21	0.082
36	37	22	5.107	1.699 + 08	1.000 + 22	3.466
36	37	22	5.107	1.020 + 09	1.000 + 22	0.864
36	37	21	5.045	1.699 + 08	1.000 + 21	0.124
36	37	21	5.045	5.098 + 07	3.162 + 21	0.593
36	37	21	5.045	1.699 + 08	3.162 + 21	1.559
36	37	21	5.045	1.020 + 09	3.162 + 21	0.347
36	37	21	5.045	5.098 + 07	1.000 + 22	3.217
36	37	21	5.045	1.699 + 08	1.000 + 22	5.005
36	37	21	5.045	1.020 + 09	1.000 + 22	1.461
36	37	20	4.982	1.699 + 08	1.000 + 21	0.013
36	37	20	4.982	1.699 + 08	3.162 + 21	0.146
36	37	20	4.982	1.020 + 09	3.162 + 21	0.035
36	37	20	4.982	1.699 + 08	1.000 + 22	0.450
36	37	20	4.982	1.020 + 09	1.000 + 22	0.134
36	37	18	4.970	1.699 + 08	3.162 + 21	0.549
36	37	18	4.970	1.020 + 09	3.162 + 21	0.061
36	37	18	4.970	1.699 + 08	1.000 + 22	2.067
36	37	18	4.970	1.020 + 09	1.000 + 22	0.512
36	29	3	4.965	2.206 + 07	3.162 + 19	0.011
36	29	3	4.965	2.323 + 07	3.162 + 19	0.023
36	29	3	4.965	2.441 + 07	3.162 + 19	0.022
36	29	3	4.965	2.559 + 07	3.162 + 19	0.021
36	29	3	4.965	2.677 + 07	3.162 + 19	0.020
36	29	3	4.965	2.795 + 07	3.162 + 19	0.019
36	29	3	4.965	3.569 + 07	3.162 + 19	0.017
36	29	3	4.965	5.098 + 07	3.162 + 19	0.014
36	29	3	4.965	1.699 + 08	3.162 + 19	0.005

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	29	3	4.965	2.206 + 07	1.000 + 20	0.067
36	29	3	4.965	2.323 + 07	1.000 + 20	0.140
36	29	3	4.965	2.441 + 07	1.000 + 20	0.130
36	29	3	4.965	2.559 + 07	1.000 + 20	0.129
36	29	3	4.965	2.677 + 07	1.000 + 20	0.118
36	29	3	4.965	2.795 + 07	1.000 + 20	0.113
36	29	3	4.965	3.569 + 07	1.000 + 20	0.106
36	29	3	4.965	5.098 + 07	1.000 + 20	0.090
36	29	3	4.965	1.699 + 08	1.000 + 20	0.038
36	29	3	4.965	1.020 + 09	1.000 + 20	0.009
36	29	3	4.965	2.206 + 07	3.162 + 20	0.269
36	29	3	4.965	2.323 + 07	3.162 + 20	0.603
36	29	3	4.965	2.441 + 07	3.162 + 20	0.562
36	29	3	4.965	2.559 + 07	3.162 + 20	0.560
36	29	3	4.965	2.677 + 07	3.162 + 20	0.499
36	29	3	4.965	2.795 + 07	3.162 + 20	0.479
36	29	3	4.965	3.569 + 07	3.162 + 20	0.471
36	29	3	4.965	5.098 + 07	3.162 + 20	0.423
36	29	3	4.965	1.699 + 08	3.162 + 20	0.204
36	29	3	4.965	1.020 + 09	3.162 + 20	0.055
36	29	3	4.965	2.206 + 07	1.000 + 21	0.619
36	29	3	4.965	2.323 + 07	1.000 + 21	1.813
36	29	3	4.965	2.441 + 07	1.000 + 21	1.715
36	29	3	4.965	2.559 + 07	1.000 + 21	1.732
36	29	3	4.965	2.677 + 07	1.000 + 21	1.450
36	29	3	4.965	2.795 + 07	1.000 + 21	1.380
36	29	3	4.965	3.569 + 07	1.000 + 21	1.462
36	29	3	4.965	5.098 + 07	1.000 + 21	1.408
36	29	3	4.965	1.699 + 08	1.000 + 21	0.766
36	29	3	4.965	1.020 + 09	1.000 + 21	0.237
36	29	3	4.965	2.206 + 07	3.162 + 21	0.154
36	29	3	4.965	2.323 + 07	3.162 + 21	3.815
36	29	3	4.965	2.441 + 07	3.162 + 21	3.787
36	29	3	4.965	2.559 + 07	3.162 + 21	3.913
36	29	3	4.965	2.677 + 07	3.162 + 21	2.780
36	29	3	4.965	2.795 + 07	3.162 + 21	2.557
36	29	3	4.965	3.569 + 07	3.162 + 21	3.140
36	29	3	4.965	5.098 + 07	3.162 + 21	3.356
36	29	3	4.965	1.699 + 08	3.162 + 21	2.033
36	29	3	4.965	1.020 + 09	3.162 + 21	0.682
36	29	3	4.965	2.323 + 07	1.000 + 22	6.834
36	29	3	4.965	2.441 + 07	1.000 + 22	7.775
36	29	3	4.965	2.559 + 07	1.000 + 22	8.167
36	29	3	4.965	2.677 + 07	1.000 + 22	4.603
36	29	3	4.965	2.795 + 07	1.000 + 22	3.874
36	29	3	4.965	3.569 + 07	1.000 + 22	5.563
36	29	3	4.965	5.098 + 07	1.000 + 22	6.425
36	29	3	4.965	1.699 + 08	1.000 + 22	3.904
36	29	3	4.965	1.020 + 09	1.000 + 22	1.211
36	37	16	4.897	1.699 + 08	1.000 + 21	0.007
36	37	16	4.897	1.699 + 08	3.162 + 21	0.024
36	37	16	4.897	1.020 + 09	3.162 + 21	0.008
36	37	16	4.897	1.699 + 08	1.000 + 22	0.059
36	37	16	4.897	1.020 + 09	1.000 + 22	0.020
36	37	7	3.774	3.569 + 07	3.162 + 21	0.006
36	37	7	3.774	5.098 + 07	3.162 + 21	0.009
36	37	7	3.774	1.699 + 08	3.162 + 21	0.008
36	37	7	3.774	2.441 + 07	1.000 + 22	0.005
36	37	7	3.774	2.559 + 07	1.000 + 22	0.008
36	37	7	3.774	2.677 + 07	1.000 + 22	0.006
36	37	7	3.774	3.569 + 07	1.000 + 22	0.008
36	37	7	3.774	5.098 + 07	1.000 + 22	0.016
36	37	7	3.774	1.699 + 08	1.000 + 22	0.018
36	37	7	3.774	1.020 + 09	1.000 + 22	0.007
36	37	3	3.247	2.559 + 07	3.162 + 21	0.005
36	37	3	3.247	3.569 + 07	3.162 + 21	0.006
36	37	3	3.247	5.098 + 07	3.162 + 21	0.009
36	37	3	3.247	1.699 + 08	3.162 + 21	0.008
36	37	3	3.247	2.441 + 07	1.000 + 22	0.005

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	37	3	3.247	2.559 + 07	1.000 + 22	0.008
36	37	3	3.247	3.569 + 07	1.000 + 22	0.008
36	37	3	3.247	5.098 + 07	1.000 + 22	0.017
36	37	3	3.247	1.699 + 08	1.000 + 22	0.017
36	37	3	3.247	1.020 + 09	1.000 + 22	0.006
36	41	27	3.051	2.088 + 07	1.000 + 22	0.008
36	43	27	3.013	1.970 + 07	3.162 + 21	0.006
36	43	27	3.013	2.088 + 07	3.162 + 21	0.014
36	43	27	3.013	1.970 + 07	1.000 + 22	0.057
36	43	27	3.013	2.088 + 07	1.000 + 22	0.131
36	56	27	2.746	2.088 + 07	3.162 + 21	0.013
36	56	27	2.746	1.970 + 07	1.000 + 22	0.036
36	56	27	2.746	2.088 + 07	1.000 + 22	0.099
36	58	27	2.743	2.088 + 07	1.000 + 21	0.010
36	58	27	2.743	1.970 + 07	3.162 + 21	0.033
36	58	27	2.743	2.088 + 07	3.162 + 21	0.104
36	58	27	2.743	1.970 + 07	1.000 + 22	0.304
36	58	27	2.743	2.088 + 07	1.000 + 22	0.807
36	61	27	2.737	1.970 + 07	3.162 + 21	0.039
36	61	27	2.737	2.088 + 07	3.162 + 21	0.013
36	61	27	2.737	1.970 + 07	1.000 + 22	0.515
36	61	27	2.737	2.088 + 07	1.000 + 22	0.748
36	40	23	2.727	1.970 + 07	1.000 + 22	0.033
36	41	23	2.722	1.970 + 07	1.000 + 22	0.008
36	43	23	2.692	1.970 + 07	3.162 + 21	0.019
36	43	23	2.692	1.970 + 07	1.000 + 22	0.181
36	64	27	2.689	1.970 + 07	3.162 + 21	0.005
36	64	27	2.689	2.088 + 07	3.162 + 21	0.009
36	64	27	2.689	1.970 + 07	1.000 + 22	0.070
36	64	27	2.689	2.088 + 07	1.000 + 22	0.151
36	65	27	2.657	2.088 + 07	3.162 + 21	0.007
36	65	27	2.657	1.970 + 07	1.000 + 22	0.034
36	65	27	2.657	2.088 + 07	1.000 + 22	0.082
36	66	27	2.654	2.088 + 07	1.000 + 22	0.007
36	67	27	2.654	2.795 + 07	3.162 + 20	0.010
36	67	27	2.654	3.569 + 07	3.162 + 20	0.009
36	67	27	2.654	5.098 + 07	3.162 + 20	0.007
36	67	27	2.654	2.795 + 07	1.000 + 21	0.032
36	67	27	2.654	3.569 + 07	1.000 + 21	0.030
36	67	27	2.654	5.098 + 07	1.000 + 21	0.024
36	67	27	2.654	1.699 + 08	1.000 + 21	0.009
36	67	27	2.654	2.795 + 07	3.162 + 21	0.031
36	67	27	2.654	3.569 + 07	3.162 + 21	0.018
36	67	27	2.654	1.970 + 07	1.000 + 22	0.050
36	67	27	2.654	2.088 + 07	1.000 + 22	0.044
36	45	23	2.643	2.677 + 07	3.162 + 20	0.011
36	45	23	2.643	2.795 + 07	3.162 + 20	0.011
36	45	23	2.643	3.569 + 07	3.162 + 20	0.011
36	45	23	2.643	5.098 + 07	3.162 + 20	0.009
36	45	23	2.643	2.677 + 07	1.000 + 21	0.036
36	45	23	2.643	2.795 + 07	1.000 + 21	0.038
36	45	23	2.643	3.569 + 07	1.000 + 21	0.035
36	45	23	2.643	5.098 + 07	1.000 + 21	0.030
36	45	23	2.643	1.699 + 08	1.000 + 21	0.012
36	45	23	2.643	1.970 + 07	3.162 + 21	0.006
36	45	23	2.643	2.677 + 07	3.162 + 21	0.037
36	45	23	2.643	2.795 + 07	3.162 + 21	0.053
36	45	23	2.643	3.569 + 07	3.162 + 21	0.038
36	45	23	2.643	5.098 + 07	3.162 + 21	0.019
36	45	23	2.643	1.970 + 07	1.000 + 22	0.072
36	56	23	2.477	1.970 + 07	3.162 + 21	0.012
36	56	23	2.477	1.970 + 07	1.000 + 22	0.098
36	58	23	2.474	1.970 + 07	1.000 + 21	0.011
36	58	23	2.474	1.970 + 07	3.162 + 21	0.124
36	58	23	2.474	1.970 + 07	1.000 + 22	1.050
36	61	23	2.470	1.970 + 07	1.000 + 21	0.006
36	61	23	2.470	1.970 + 07	3.162 + 21	0.116
36	61	23	2.470	1.970 + 07	1.000 + 22	2.448
36	73	27	2.442	1.970 + 07	3.162 + 21	0.054

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
36	73	27	2.442	1.970 + 07	1.000 + 22	1.686
54	21	17	9.878	5.623 + 07	3.162 + 19	0.023
54	21	17	9.878	5.964 + 07	3.162 + 19	0.022
54	21	17	9.878	6.306 + 07	3.162 + 19	0.020
54	21	17	9.878	6.647 + 07	3.162 + 19	0.020
54	21	17	9.878	6.988 + 07	3.162 + 19	0.019
54	21	17	9.878	7.330 + 07	3.162 + 19	0.019
54	21	17	9.878	9.334 + 07	3.162 + 19	0.016
54	21	17	9.878	1.333 + 08	3.162 + 19	0.012
54	21	17	9.878	5.623 + 07	1.000 + 20	0.170
54	21	17	9.878	5.964 + 07	1.000 + 20	0.161
54	21	17	9.878	6.306 + 07	1.000 + 20	0.154
54	21	17	9.878	6.647 + 07	1.000 + 20	0.148
54	21	17	9.878	6.988 + 07	1.000 + 20	0.141
54	21	17	9.878	7.330 + 07	1.000 + 20	0.141
54	21	17	9.878	9.334 + 07	1.000 + 20	0.121
54	21	17	9.878	1.333 + 08	1.000 + 20	0.094
54	21	17	9.878	4.445 + 08	1.000 + 20	0.037
54	21	17	9.878	2.667 + 09	1.000 + 20	0.010
54	21	17	9.878	5.623 + 07	3.162 + 20	0.929
54	21	17	9.878	5.964 + 07	3.162 + 20	0.884
54	21	17	9.878	6.306 + 07	3.162 + 20	0.839
54	21	17	9.878	6.647 + 07	3.162 + 20	0.816
54	21	17	9.878	6.988 + 07	3.162 + 20	0.774
54	21	17	9.878	7.330 + 07	3.162 + 20	0.777
54	21	17	9.878	9.334 + 07	3.162 + 20	0.685
54	21	17	9.878	1.333 + 08	3.162 + 20	0.554
54	21	17	9.878	4.445 + 08	3.162 + 20	0.239
54	21	17	9.878	2.667 + 09	3.162 + 20	0.070
54	21	17	9.878	5.282 + 07	1.000 + 21	0.006
54	21	17	9.878	5.623 + 07	1.000 + 21	3.665
54	21	17	9.878	5.964 + 07	1.000 + 21	3.471
54	21	17	9.878	6.306 + 07	1.000 + 21	3.271
54	21	17	9.878	6.647 + 07	1.000 + 21	3.204
54	21	17	9.878	6.988 + 07	1.000 + 21	3.004
54	21	17	9.878	7.330 + 07	1.000 + 21	3.028
54	21	17	9.878	9.334 + 07	1.000 + 21	2.763
54	21	17	9.878	1.333 + 08	1.000 + 21	2.329
54	21	17	9.878	4.445 + 08	1.000 + 21	1.118
54	21	17	9.878	2.667 + 09	1.000 + 21	0.356
54	21	17	9.878	5.282 + 07	3.162 + 21	0.026
54	21	17	9.878	5.623 + 07	3.162 + 21	11.975
54	21	17	9.878	5.964 + 07	3.162 + 21	11.265
54	21	17	9.878	6.306 + 07	3.162 + 21	10.532
54	21	17	9.878	6.647 + 07	3.162 + 21	10.363
54	21	17	9.878	6.988 + 07	3.162 + 21	9.571
54	21	17	9.878	7.330 + 07	3.162 + 21	9.672
54	21	17	9.878	9.334 + 07	3.162 + 21	9.031
54	21	17	9.878	1.333 + 08	3.162 + 21	7.828
54	21	17	9.878	4.445 + 08	3.162 + 21	3.998
54	21	17	9.878	2.667 + 09	3.162 + 21	1.340
54	21	17	9.878	4.940 + 07	1.000 + 22	0.011
54	21	17	9.878	5.282 + 07	1.000 + 22	0.064
54	21	17	9.878	5.623 + 07	1.000 + 22	36.540
54	21	17	9.878	5.964 + 07	1.000 + 22	34.220
54	21	17	9.878	6.306 + 07	1.000 + 22	31.850
54	21	17	9.878	6.647 + 07	1.000 + 22	31.419
54	21	17	9.878	6.988 + 07	1.000 + 22	28.578
54	21	17	9.878	7.330 + 07	1.000 + 22	28.904
54	21	17	9.878	9.334 + 07	1.000 + 22	27.331
54	21	17	9.878	1.333 + 08	1.000 + 22	24.038
54	21	17	9.878	4.445 + 08	1.000 + 22	12.608
54	21	17	9.878	2.667 + 09	1.000 + 22	4.308
54	15	8	9.660	5.282 + 07	1.000 + 20	0.008
54	15	8	9.660	5.623 + 07	1.000 + 20	0.008
54	15	8	9.660	6.306 + 07	1.000 + 20	0.012
54	15	8	9.660	6.647 + 07	1.000 + 20	0.011
54	15	8	9.660	6.988 + 07	1.000 + 20	0.009
54	15	8	9.660	7.330 + 07	1.000 + 20	0.008

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	15	8	9.660	9.334 + 07	1.000 + 20	0.007
54	15	8	9.660	1.333 + 08	1.000 + 20	0.006
54	15	8	9.660	5.282 + 07	3.162 + 20	0.054
54	15	8	9.660	5.623 + 07	3.162 + 20	0.049
54	15	8	9.660	5.964 + 07	3.162 + 20	0.032
54	15	8	9.660	6.306 + 07	3.162 + 20	0.073
54	15	8	9.660	6.647 + 07	3.162 + 20	0.069
54	15	8	9.660	6.988 + 07	3.162 + 20	0.058
54	15	8	9.660	7.330 + 07	3.162 + 20	0.054
54	15	8	9.660	9.334 + 07	3.162 + 20	0.049
54	15	8	9.660	1.333 + 08	3.162 + 20	0.044
54	15	8	9.660	4.445 + 08	3.162 + 20	0.024
54	15	8	9.660	2.667 + 09	3.162 + 20	0.008
54	15	8	9.660	5.282 + 07	1.000 + 21	0.190
54	15	8	9.660	5.623 + 07	1.000 + 21	0.172
54	15	8	9.660	5.964 + 07	1.000 + 21	0.100
54	15	8	9.660	6.306 + 07	1.000 + 21	0.260
54	15	8	9.660	6.647 + 07	1.000 + 21	0.249
54	15	8	9.660	6.988 + 07	1.000 + 21	0.200
54	15	8	9.660	7.330 + 07	1.000 + 21	0.188
54	15	8	9.660	9.334 + 07	1.000 + 21	0.190
54	15	8	9.660	1.333 + 08	1.000 + 21	0.187
54	15	8	9.660	4.445 + 08	1.000 + 21	0.126
54	15	8	9.660	2.667 + 09	1.000 + 21	0.045
54	15	8	9.660	5.282 + 07	3.162 + 21	0.329
54	15	8	9.660	5.623 + 07	3.162 + 21	0.280
54	15	8	9.660	5.964 + 07	3.162 + 21	0.043
54	15	8	9.660	6.306 + 07	3.162 + 21	0.486
54	15	8	9.660	6.647 + 07	3.162 + 21	0.474
54	15	8	9.660	6.988 + 07	3.162 + 21	0.271
54	15	8	9.660	7.330 + 07	3.162 + 21	0.260
54	15	8	9.660	9.334 + 07	3.162 + 21	0.361
54	15	8	9.660	1.333 + 08	3.162 + 21	0.455
54	15	8	9.660	4.445 + 08	3.162 + 21	0.400
54	15	8	9.660	2.667 + 09	3.162 + 21	0.162
54	15	8	9.660	5.282 + 07	1.000 + 22	0.018
54	15	8	9.660	6.306 + 07	1.000 + 22	0.217
54	15	8	9.660	6.647 + 07	1.000 + 22	0.212
54	15	8	9.660	9.334 + 07	1.000 + 22	0.082
54	15	8	9.660	1.333 + 08	1.000 + 22	0.552
54	15	8	9.660	4.445 + 08	1.000 + 22	0.831
54	15	8	9.660	2.667 + 09	1.000 + 22	0.381
54	36	32	9.488	6.306 + 07	3.162 + 20	0.009
54	36	32	9.488	6.647 + 07	3.162 + 20	0.008
54	36	32	9.488	6.988 + 07	3.162 + 20	0.006
54	36	32	9.488	7.330 + 07	3.162 + 20	0.005
54	36	32	9.488	6.306 + 07	1.000 + 21	0.094
54	36	32	9.488	6.647 + 07	1.000 + 21	0.084
54	36	32	9.488	6.988 + 07	1.000 + 21	0.065
54	36	32	9.488	7.330 + 07	1.000 + 21	0.057
54	36	32	9.488	9.334 + 07	1.000 + 21	0.031
54	36	32	9.488	1.333 + 08	1.000 + 21	0.011
54	36	32	9.488	5.282 + 07	3.162 + 21	0.215
54	36	32	9.488	5.623 + 07	3.162 + 21	0.210
54	36	32	9.488	6.306 + 07	3.162 + 21	0.859
54	36	32	9.488	6.647 + 07	3.162 + 21	0.774
54	36	32	9.488	6.988 + 07	3.162 + 21	0.667
54	36	32	9.488	7.330 + 07	3.162 + 21	0.604
54	36	32	9.488	9.334 + 07	3.162 + 21	0.363
54	36	32	9.488	1.333 + 08	3.162 + 21	0.161
54	36	32	9.488	4.445 + 08	3.162 + 21	0.011
54	36	32	9.488	4.940 + 07	1.000 + 22	0.040
54	36	32	9.488	5.282 + 07	1.000 + 22	2.607
54	36	32	9.488	5.623 + 07	1.000 + 22	2.609
54	36	32	9.488	5.964 + 07	1.000 + 22	1.366
54	36	32	9.488	6.306 + 07	1.000 + 22	6.103
54	36	32	9.488	6.647 + 07	1.000 + 22	5.555
54	36	32	9.488	6.988 + 07	1.000 + 22	5.188
54	36	32	9.488	7.330 + 07	1.000 + 22	4.844

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	36	32	9.488	9.334 + 07	1.000 + 22	3.088
54	36	32	9.488	1.333 + 08	1.000 + 22	1.526
54	36	32	9.488	4.445 + 08	1.000 + 22	0.217
54	36	32	9.488	2.667 + 09	1.000 + 22	0.046
54	27	23	9.363	5.964 + 07	1.000 + 20	0.006
54	27	23	9.363	6.306 + 07	1.000 + 20	0.005
54	27	23	9.363	5.623 + 07	3.162 + 20	0.018
54	27	23	9.363	5.964 + 07	3.162 + 20	0.046
54	27	23	9.363	6.306 + 07	3.162 + 20	0.041
54	27	23	9.363	6.647 + 07	3.162 + 20	0.036
54	27	23	9.363	6.988 + 07	3.162 + 20	0.032
54	27	23	9.363	7.330 + 07	3.162 + 20	0.037
54	27	23	9.363	9.334 + 07	3.162 + 20	0.020
54	27	23	9.363	1.333 + 08	3.162 + 20	0.006
54	27	23	9.363	5.282 + 07	1.000 + 21	0.019
54	27	23	9.363	5.623 + 07	1.000 + 21	0.109
54	27	23	9.363	5.964 + 07	1.000 + 21	0.247
54	27	23	9.363	6.306 + 07	1.000 + 21	0.220
54	27	23	9.363	6.647 + 07	1.000 + 21	0.197
54	27	23	9.363	6.988 + 07	1.000 + 21	0.173
54	27	23	9.363	7.330 + 07	1.000 + 21	0.211
54	27	23	9.363	9.334 + 07	1.000 + 21	0.120
54	27	23	9.363	1.333 + 08	1.000 + 21	0.042
54	27	23	9.363	4.940 + 07	3.162 + 21	0.005
54	27	23	9.363	5.282 + 07	3.162 + 21	0.107
54	27	23	9.363	5.623 + 07	3.162 + 21	0.442
54	27	23	9.363	5.964 + 07	3.162 + 21	0.937
54	27	23	9.363	6.306 + 07	3.162 + 21	0.840
54	27	23	9.363	6.647 + 07	3.162 + 21	0.758
54	27	23	9.363	6.988 + 07	3.162 + 21	0.668
54	27	23	9.363	7.330 + 07	3.162 + 21	0.822
54	27	23	9.363	9.334 + 07	3.162 + 21	0.487
54	27	23	9.363	1.333 + 08	3.162 + 21	0.185
54	27	23	9.363	4.940 + 07	1.000 + 22	0.027
54	27	23	9.363	5.282 + 07	1.000 + 22	0.479
54	27	23	9.363	5.623 + 07	1.000 + 22	1.506
54	27	23	9.363	5.964 + 07	1.000 + 22	3.053
54	27	23	9.363	6.306 + 07	1.000 + 22	2.767
54	27	23	9.363	6.647 + 07	1.000 + 22	2.507
54	27	23	9.363	6.988 + 07	1.000 + 22	2.221
54	27	23	9.363	7.330 + 07	1.000 + 22	2.731
54	27	23	9.363	9.334 + 07	1.000 + 22	1.671
54	27	23	9.363	1.333 + 08	1.000 + 22	0.675
54	14	6	9.355	5.282 + 07	3.162 + 21	2.928
54	14	6	9.355	5.623 + 07	3.162 + 21	3.001
54	14	6	9.355	5.964 + 07	3.162 + 21	2.600
54	14	6	9.355	6.306 + 07	3.162 + 21	3.458
54	14	6	9.355	6.647 + 07	3.162 + 21	3.059
54	14	6	9.355	6.988 + 07	3.162 + 21	1.568
54	14	6	9.355	7.330 + 07	3.162 + 21	1.405
54	14	6	9.355	9.334 + 07	3.162 + 21	0.467
54	14	6	9.355	5.282 + 07	1.000 + 22	14.101
54	14	6	9.355	5.623 + 07	1.000 + 22	14.521
54	14	6	9.355	5.964 + 07	1.000 + 22	13.914
54	14	6	9.355	6.306 + 07	1.000 + 22	15.971
54	14	6	9.355	6.647 + 07	1.000 + 22	14.632
54	14	6	9.355	6.988 + 07	1.000 + 22	12.072
54	14	6	9.355	7.330 + 07	1.000 + 22	11.388
54	14	6	9.355	9.334 + 07	1.000 + 22	7.224
54	14	6	9.355	1.333 + 08	1.000 + 22	3.192
54	9	4	9.341	5.282 + 07	1.000 + 22	0.008
54	9	4	9.341	5.623 + 07	1.000 + 22	0.007
54	9	4	9.341	5.964 + 07	1.000 + 22	0.007
54	9	4	9.341	6.306 + 07	1.000 + 22	0.006
54	9	4	9.341	6.647 + 07	1.000 + 22	0.006
54	9	4	9.341	9.334 + 07	1.000 + 22	0.005
54	9	4	9.341	1.333 + 08	1.000 + 22	0.006
54	28	23	9.172	5.964 + 07	1.000 + 20	0.029
54	28	23	9.172	6.306 + 07	1.000 + 20	0.031

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	28	23	9.172	6.647 + 07	1.000 + 20	0.029
54	28	23	9.172	6.988 + 07	1.000 + 20	0.027
54	28	23	9.172	7.330 + 07	1.000 + 20	0.025
54	28	23	9.172	9.334 + 07	1.000 + 20	0.019
54	28	23	9.172	1.333 + 08	1.000 + 20	0.014
54	28	23	9.172	4.445 + 08	1.000 + 20	0.006
54	28	23	9.172	5.282 + 07	3.162 + 20	0.006
54	28	23	9.172	5.964 + 07	3.162 + 20	0.186
54	28	23	9.172	6.306 + 07	3.162 + 20	0.200
54	28	23	9.172	6.647 + 07	3.162 + 20	0.188
54	28	23	9.172	6.988 + 07	3.162 + 20	0.173
54	28	23	9.172	7.330 + 07	3.162 + 20	0.160
54	28	23	9.172	9.334 + 07	3.162 + 20	0.125
54	28	23	9.172	1.333 + 08	3.162 + 20	0.093
54	28	23	9.172	4.445 + 08	3.162 + 20	0.042
54	28	23	9.172	2.667 + 09	3.162 + 20	0.013
54	28	23	9.172	5.282 + 07	1.000 + 21	0.072
54	28	23	9.172	5.623 + 07	1.000 + 21	0.044
54	28	23	9.172	5.964 + 07	1.000 + 21	0.897
54	28	23	9.172	6.306 + 07	1.000 + 21	0.962
54	28	23	9.172	6.647 + 07	1.000 + 21	0.909
54	28	23	9.172	6.988 + 07	1.000 + 21	0.841
54	28	23	9.172	7.330 + 07	1.000 + 21	0.796
54	28	23	9.172	9.334 + 07	1.000 + 21	0.635
54	28	23	9.172	1.333 + 08	1.000 + 21	0.486
54	28	23	9.172	4.445 + 08	1.000 + 21	0.236
54	28	23	9.172	2.667 + 09	1.000 + 21	0.079
54	28	23	9.172	4.940 + 07	3.162 + 21	0.024
54	28	23	9.172	5.282 + 07	3.162 + 21	0.498
54	28	23	9.172	5.623 + 07	3.162 + 21	0.529
54	28	23	9.172	5.964 + 07	3.162 + 21	3.487
54	28	23	9.172	6.306 + 07	3.162 + 21	3.792
54	28	23	9.172	6.647 + 07	3.162 + 21	3.599
54	28	23	9.172	6.988 + 07	3.162 + 21	3.345
54	28	23	9.172	7.330 + 07	3.162 + 21	3.265
54	28	23	9.172	9.334 + 07	3.162 + 21	2.645
54	28	23	9.172	1.333 + 08	3.162 + 21	2.054
54	28	23	9.172	4.445 + 08	3.162 + 21	1.052
54	28	23	9.172	2.667 + 09	3.162 + 21	0.374
54	28	23	9.172	4.940 + 07	1.000 + 22	0.142
54	28	23	9.172	5.282 + 07	1.000 + 22	2.566
54	28	23	9.172	5.623 + 07	1.000 + 22	2.815
54	28	23	9.172	5.964 + 07	1.000 + 22	12.132
54	28	23	9.172	6.306 + 07	1.000 + 22	13.652
54	28	23	9.172	6.647 + 07	1.000 + 22	13.028
54	28	23	9.172	6.988 + 07	1.000 + 22	12.175
54	28	23	9.172	7.330 + 07	1.000 + 22	12.325
54	28	23	9.172	9.334 + 07	1.000 + 22	10.080
54	28	23	9.172	1.333 + 08	1.000 + 22	7.885
54	28	23	9.172	4.445 + 08	1.000 + 22	4.113
54	28	23	9.172	2.667 + 09	1.000 + 22	1.497
54	16	8	9.169	6.306 + 07	1.000 + 20	0.023
54	16	8	9.169	6.647 + 07	1.000 + 20	0.023
54	16	8	9.169	6.988 + 07	1.000 + 20	0.014
54	16	8	9.169	7.330 + 07	1.000 + 20	0.014
54	16	8	9.169	9.334 + 07	1.000 + 20	0.016
54	16	8	9.169	1.333 + 08	1.000 + 20	0.016
54	16	8	9.169	4.445 + 08	1.000 + 20	0.009
54	16	8	9.169	5.282 + 07	3.162 + 20	0.065
54	16	8	9.169	5.623 + 07	3.162 + 20	0.085
54	16	8	9.169	5.964 + 07	3.162 + 20	0.077
54	16	8	9.169	6.306 + 07	3.162 + 20	0.226
54	16	8	9.169	6.647 + 07	3.162 + 20	0.217
54	16	8	9.169	6.988 + 07	3.162 + 20	0.177
54	16	8	9.169	7.330 + 07	3.162 + 20	0.170
54	16	8	9.169	9.334 + 07	3.162 + 20	0.152
54	16	8	9.169	1.333 + 08	3.162 + 20	0.133
54	16	8	9.169	4.445 + 08	3.162 + 20	0.072
54	16	8	9.169	2.667 + 09	3.162 + 20	0.022

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	16	8	9.169	5.282 + 07	1.000 + 21	0.739
54	16	8	9.169	5.623 + 07	1.000 + 21	0.841
54	16	8	9.169	5.964 + 07	1.000 + 21	0.845
54	16	8	9.169	6.306 + 07	1.000 + 21	1.497
54	16	8	9.169	6.647 + 07	1.000 + 21	1.427
54	16	8	9.169	6.988 + 07	1.000 + 21	1.337
54	16	8	9.169	7.330 + 07	1.000 + 21	1.284
54	16	8	9.169	9.334 + 07	1.000 + 21	1.054
54	16	8	9.169	1.333 + 08	1.000 + 21	0.836
54	16	8	9.169	4.445 + 08	1.000 + 21	0.428
54	16	8	9.169	2.667 + 09	1.000 + 21	0.139
54	16	8	9.169	4.940 + 07	3.162 + 21	0.057
54	16	8	9.169	5.282 + 07	3.162 + 21	3.746
54	16	8	9.169	5.623 + 07	3.162 + 21	4.156
54	16	8	9.169	5.964 + 07	3.162 + 21	4.271
54	16	8	9.169	6.306 + 07	3.162 + 21	6.375
54	16	8	9.169	6.647 + 07	3.162 + 21	6.085
54	16	8	9.169	6.988 + 07	3.162 + 21	5.999
54	16	8	9.169	7.330 + 07	3.162 + 21	5.811
54	16	8	9.169	9.334 + 07	3.162 + 21	4.760
54	16	8	9.169	1.333 + 08	3.162 + 21	3.712
54	16	8	9.169	4.445 + 08	3.162 + 21	1.934
54	16	8	9.169	2.667 + 09	3.162 + 21	0.677
54	16	8	9.169	4.940 + 07	1.000 + 22	0.212
54	16	8	9.169	5.282 + 07	1.000 + 22	12.278
54	16	8	9.169	5.623 + 07	1.000 + 22	13.655
54	16	8	9.169	5.964 + 07	1.000 + 22	14.124
54	16	8	9.169	6.306 + 07	1.000 + 22	19.346
54	16	8	9.169	6.647 + 07	1.000 + 22	18.529
54	16	8	9.169	6.988 + 07	1.000 + 22	18.752
54	16	8	9.169	7.330 + 07	1.000 + 22	18.219
54	16	8	9.169	9.334 + 07	1.000 + 22	15.062
54	16	8	9.169	1.333 + 08	1.000 + 22	11.850
54	16	8	9.169	4.445 + 08	1.000 + 22	6.514
54	16	8	9.169	2.667 + 09	1.000 + 22	2.454
54	27	22	9.160	5.964 + 07	1.000 + 21	0.402
54	27	22	9.160	6.306 + 07	1.000 + 21	0.374
54	27	22	9.160	6.647 + 07	1.000 + 21	0.335
54	27	22	9.160	6.988 + 07	1.000 + 21	0.282
54	27	22	9.160	5.282 + 07	3.162 + 21	0.074
54	27	22	9.160	5.964 + 07	3.162 + 21	2.462
54	27	22	9.160	6.306 + 07	3.162 + 21	2.320
54	27	22	9.160	6.647 + 07	3.162 + 21	2.121
54	27	22	9.160	6.988 + 07	3.162 + 21	1.856
54	27	22	9.160	7.330 + 07	3.162 + 21	1.247
54	27	22	9.160	9.334 + 07	3.162 + 21	0.779
54	27	22	9.160	1.333 + 08	3.162 + 21	0.382
54	27	22	9.160	4.445 + 08	3.162 + 21	0.041
54	27	22	9.160	4.940 + 07	1.000 + 22	0.049
54	27	22	9.160	5.282 + 07	1.000 + 22	0.892
54	27	22	9.160	5.623 + 07	1.000 + 22	0.953
54	27	22	9.160	5.964 + 07	1.000 + 22	9.503
54	27	22	9.160	6.306 + 07	1.000 + 22	9.170
54	27	22	9.160	6.647 + 07	1.000 + 22	8.460
54	27	22	9.160	6.988 + 07	1.000 + 22	7.520
54	27	22	9.160	7.330 + 07	1.000 + 22	6.545
54	27	22	9.160	9.334 + 07	1.000 + 22	4.425
54	27	22	9.160	1.333 + 08	1.000 + 22	2.481
54	27	22	9.160	4.445 + 08	1.000 + 22	0.600
54	27	22	9.160	2.667 + 09	1.000 + 22	0.102
54	15	7	9.067	5.282 + 07	1.000 + 20	0.005
54	15	7	9.067	5.623 + 07	1.000 + 20	0.006
54	15	7	9.067	6.306 + 07	1.000 + 20	0.018
54	15	7	9.067	6.647 + 07	1.000 + 20	0.017
54	15	7	9.067	6.988 + 07	1.000 + 20	0.006
54	15	7	9.067	7.330 + 07	1.000 + 20	0.006
54	15	7	9.067	9.334 + 07	1.000 + 20	0.007
54	15	7	9.067	1.333 + 08	1.000 + 20	0.007
54	15	7	9.067	5.282 + 07	3.162 + 20	0.094

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	15	7	9.067	5.623 + 07	3.162 + 20	0.100
54	15	7	9.067	5.964 + 07	3.162 + 20	0.088
54	15	7	9.067	6.306 + 07	3.162 + 20	0.181
54	15	7	9.067	6.647 + 07	3.162 + 20	0.171
54	15	7	9.067	6.988 + 07	3.162 + 20	0.118
54	15	7	9.067	7.330 + 07	3.162 + 20	0.112
54	15	7	9.067	9.334 + 07	3.162 + 20	0.096
54	15	7	9.067	1.333 + 08	3.162 + 20	0.081
54	15	7	9.067	4.445 + 08	3.162 + 20	0.038
54	15	7	9.067	2.667 + 09	3.162 + 20	0.008
54	15	7	9.067	4.940 + 07	1.000 + 21	0.010
54	15	7	9.067	5.282 + 07	1.000 + 21	0.866
54	15	7	9.067	5.623 + 07	1.000 + 21	0.885
54	15	7	9.067	5.964 + 07	1.000 + 21	0.833
54	15	7	9.067	6.306 + 07	1.000 + 21	1.286
54	15	7	9.067	6.647 + 07	1.000 + 21	1.218
54	15	7	9.067	6.988 + 07	1.000 + 21	1.078
54	15	7	9.067	7.330 + 07	1.000 + 21	1.027
54	15	7	9.067	9.334 + 07	1.000 + 21	0.825
54	15	7	9.067	1.333 + 08	1.000 + 21	0.638
54	15	7	9.067	4.445 + 08	1.000 + 21	0.301
54	15	7	9.067	2.667 + 09	1.000 + 21	0.078
54	15	7	9.067	4.940 + 07	3.162 + 21	0.101
54	15	7	9.067	5.282 + 07	3.162 + 21	4.548
54	15	7	9.067	5.623 + 07	3.162 + 21	4.598
54	15	7	9.067	5.964 + 07	3.162 + 21	4.442
54	15	7	9.067	6.306 + 07	3.162 + 21	5.998
54	15	7	9.067	6.647 + 07	3.162 + 21	5.702
54	15	7	9.067	6.988 + 07	3.162 + 21	5.523
54	15	7	9.067	7.330 + 07	3.162 + 21	5.283
54	15	7	9.067	9.334 + 07	3.162 + 21	4.233
54	15	7	9.067	1.333 + 08	3.162 + 21	3.249
54	15	7	9.067	4.445 + 08	3.162 + 21	1.622
54	15	7	9.067	2.667 + 09	3.162 + 21	0.505
54	15	7	9.067	4.940 + 07	1.000 + 22	0.428
54	15	7	9.067	5.282 + 07	1.000 + 22	16.584
54	15	7	9.067	5.623 + 07	1.000 + 22	16.641
54	15	7	9.067	5.964 + 07	1.000 + 22	16.113
54	15	7	9.067	6.306 + 07	1.000 + 22	20.090
54	15	7	9.067	6.647 + 07	1.000 + 22	19.137
54	15	7	9.067	6.988 + 07	1.000 + 22	19.380
54	15	7	9.067	7.330 + 07	1.000 + 22	18.507
54	15	7	9.067	9.334 + 07	1.000 + 22	14.904
54	15	7	9.067	1.333 + 08	1.000 + 22	11.415
54	15	7	9.067	4.445 + 08	1.000 + 22	6.011
54	15	7	9.067	2.667 + 09	1.000 + 22	2.095
54	37	33	8.961	6.306 + 07	3.162 + 20	0.039
54	37	33	8.961	6.647 + 07	3.162 + 20	0.038
54	37	33	8.961	6.988 + 07	3.162 + 20	0.037
54	37	33	8.961	7.330 + 07	3.162 + 20	0.037
54	37	33	8.961	9.334 + 07	3.162 + 20	0.035
54	37	33	8.961	1.333 + 08	3.162 + 20	0.031
54	37	33	8.961	4.445 + 08	3.162 + 20	0.015
54	37	33	8.961	5.282 + 07	1.000 + 21	0.033
54	37	33	8.961	5.623 + 07	1.000 + 21	0.039
54	37	33	8.961	5.964 + 07	1.000 + 21	0.053
54	37	33	8.961	6.306 + 07	1.000 + 21	0.365
54	37	33	8.961	6.647 + 07	1.000 + 21	0.362
54	37	33	8.961	6.988 + 07	1.000 + 21	0.351
54	37	33	8.961	7.330 + 07	1.000 + 21	0.347
54	37	33	8.961	9.334 + 07	1.000 + 21	0.330
54	37	33	8.961	1.333 + 08	1.000 + 21	0.295
54	37	33	8.961	4.445 + 08	1.000 + 21	0.146
54	37	33	8.961	2.667 + 09	1.000 + 21	0.042
54	37	33	8.961	4.940 + 07	3.162 + 21	0.020
54	37	33	8.961	5.282 + 07	3.162 + 21	0.471
54	37	33	8.961	5.623 + 07	3.162 + 21	0.552
54	37	33	8.961	5.964 + 07	3.162 + 21	0.684
54	37	33	8.961	6.306 + 07	3.162 + 21	3.190

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	37	33	8.961	6.647 + 07	3.162 + 21	3.160
54	37	33	8.961	6.988 + 07	3.162 + 21	3.052
54	37	33	8.961	7.330 + 07	3.162 + 21	3.021
54	37	33	8.961	9.334 + 07	3.162 + 21	2.868
54	37	33	8.961	1.333 + 08	3.162 + 21	2.582
54	37	33	8.961	4.445 + 08	3.162 + 21	1.316
54	37	33	8.961	2.667 + 09	3.162 + 21	0.387
54	37	33	8.961	4.940 + 07	1.000 + 22	0.212
54	37	33	8.961	5.282 + 07	1.000 + 22	4.444
54	37	33	8.961	5.623 + 07	1.000 + 22	5.119
54	37	33	8.961	5.964 + 07	1.000 + 22	6.041
54	37	33	8.961	6.306 + 07	1.000 + 22	22.884
54	37	33	8.961	6.647 + 07	1.000 + 22	22.713
54	37	33	8.961	6.988 + 07	1.000 + 22	21.909
54	37	33	8.961	7.330 + 07	1.000 + 22	21.755
54	37	33	8.961	9.334 + 07	1.000 + 22	20.856
54	37	33	8.961	1.333 + 08	1.000 + 22	19.102
54	37	33	8.961	4.445 + 08	1.000 + 22	10.337
54	37	33	8.961	2.667 + 09	1.000 + 22	3.184
54	37	32	8.694	6.306 + 07	1.000 + 21	0.007
54	37	32	8.694	6.647 + 07	1.000 + 21	0.008
54	37	32	8.694	6.988 + 07	1.000 + 21	0.007
54	37	32	8.694	7.330 + 07	1.000 + 21	0.007
54	37	32	8.694	9.334 + 07	1.000 + 21	0.009
54	37	32	8.694	1.333 + 08	1.000 + 21	0.010
54	37	32	8.694	4.445 + 08	1.000 + 21	0.006
54	37	32	8.694	6.306 + 07	3.162 + 21	0.040
54	37	32	8.694	6.647 + 07	3.162 + 21	0.047
54	37	32	8.694	6.988 + 07	3.162 + 21	0.037
54	37	32	8.694	7.330 + 07	3.162 + 21	0.039
54	37	32	8.694	9.334 + 07	3.162 + 21	0.061
54	37	32	8.694	1.333 + 08	3.162 + 21	0.074
54	37	32	8.694	4.445 + 08	3.162 + 21	0.047
54	37	32	8.694	2.667 + 09	3.162 + 21	0.014
54	37	32	8.694	6.306 + 07	1.000 + 22	0.155
54	37	32	8.694	6.647 + 07	1.000 + 22	0.207
54	37	32	8.694	6.988 + 07	1.000 + 22	0.127
54	37	32	8.694	7.330 + 07	1.000 + 22	0.150
54	37	32	8.694	9.334 + 07	1.000 + 22	0.339
54	37	32	8.694	1.333 + 08	1.000 + 22	0.477
54	37	32	8.694	4.445 + 08	1.000 + 22	0.342
54	37	32	8.694	2.667 + 09	1.000 + 22	0.109
54	16	6	8.631	4.445 + 08	3.162 + 20	0.009
54	16	6	8.631	4.445 + 08	1.000 + 21	0.050
54	16	6	8.631	2.667 + 09	1.000 + 21	0.019
54	16	6	8.631	4.445 + 08	3.162 + 21	0.242
54	16	6	8.631	2.667 + 09	3.162 + 21	0.091
54	16	6	8.631	4.445 + 08	1.000 + 22	0.925
54	16	6	8.631	2.667 + 09	1.000 + 22	0.366
54	21	11	7.465	5.623 + 07	1.000 + 22	0.006
54	21	11	7.465	5.964 + 07	1.000 + 22	0.006
54	21	11	7.465	6.647 + 07	1.000 + 22	0.005
54	21	11	7.465	9.334 + 07	1.000 + 22	0.005
54	21	11	7.465	1.333 + 08	1.000 + 22	0.005
54	22	19	7.440	5.623 + 07	3.162 + 20	0.020
54	22	19	7.440	5.964 + 07	3.162 + 20	0.029
54	22	19	7.440	6.306 + 07	3.162 + 20	0.026
54	22	19	7.440	6.647 + 07	3.162 + 20	0.024
54	22	19	7.440	6.988 + 07	3.162 + 20	0.021
54	22	19	7.440	7.330 + 07	3.162 + 20	0.029
54	22	19	7.440	9.334 + 07	3.162 + 20	0.018
54	22	19	7.440	1.333 + 08	3.162 + 20	0.009
54	22	19	7.440	5.282 + 07	1.000 + 21	0.014
54	22	19	7.440	5.623 + 07	1.000 + 21	0.103
54	22	19	7.440	5.964 + 07	1.000 + 21	0.149
54	22	19	7.440	6.306 + 07	1.000 + 21	0.136
54	22	19	7.440	6.647 + 07	1.000 + 21	0.124
54	22	19	7.440	6.988 + 07	1.000 + 21	0.112
54	22	19	7.440	7.330 + 07	1.000 + 21	0.153

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	22	19	7.440	9.334 + 07	1.000 + 21	0.098
54	22	19	7.440	1.333 + 08	1.000 + 21	0.051
54	22	19	7.440	4.445 + 08	1.000 + 21	0.010
54	22	19	7.440	5.282 + 07	3.162 + 21	0.079
54	22	19	7.440	5.623 + 07	3.162 + 21	0.415
54	22	19	7.440	5.964 + 07	3.162 + 21	0.585
54	22	19	7.440	6.306 + 07	3.162 + 21	0.540
54	22	19	7.440	6.647 + 07	3.162 + 21	0.497
54	22	19	7.440	6.988 + 07	3.162 + 21	0.449
54	22	19	7.440	7.330 + 07	3.162 + 21	0.601
54	22	19	7.440	9.334 + 07	3.162 + 21	0.404
54	22	19	7.440	1.333 + 08	3.162 + 21	0.222
54	22	19	7.440	4.445 + 08	3.162 + 21	0.053
54	22	19	7.440	2.667 + 09	3.162 + 21	0.019
54	22	19	7.440	4.940 + 07	1.000 + 22	0.021
54	22	19	7.440	5.282 + 07	1.000 + 22	0.361
54	22	19	7.440	5.623 + 07	1.000 + 22	1.440
54	22	19	7.440	5.964 + 07	1.000 + 22	1.999
54	22	19	7.440	6.306 + 07	1.000 + 22	1.878
54	22	19	7.440	6.647 + 07	1.000 + 22	1.737
54	22	19	7.440	6.988 + 07	1.000 + 22	1.575
54	22	19	7.440	7.330 + 07	1.000 + 22	2.065
54	22	19	7.440	9.334 + 07	1.000 + 22	1.434
54	22	19	7.440	1.333 + 08	1.000 + 22	0.832
54	22	19	7.440	4.445 + 08	1.000 + 22	0.227
54	22	19	7.440	2.667 + 09	1.000 + 22	0.083
54	23	19	7.311	5.964 + 07	1.000 + 20	0.007
54	23	19	7.311	6.306 + 07	1.000 + 20	0.007
54	23	19	7.311	6.647 + 07	1.000 + 20	0.007
54	23	19	7.311	6.988 + 07	1.000 + 20	0.006
54	23	19	7.311	7.330 + 07	1.000 + 20	0.008
54	23	19	7.311	9.334 + 07	1.000 + 20	0.005
54	23	19	7.311	5.623 + 07	3.162 + 20	0.044
54	23	19	7.311	5.964 + 07	3.162 + 20	0.064
54	23	19	7.311	6.306 + 07	3.162 + 20	0.061
54	23	19	7.311	6.647 + 07	3.162 + 20	0.057
54	23	19	7.311	6.988 + 07	3.162 + 20	0.052
54	23	19	7.311	7.330 + 07	3.162 + 20	0.065
54	23	19	7.311	9.334 + 07	3.162 + 20	0.046
54	23	19	7.311	1.333 + 08	3.162 + 20	0.030
54	23	19	7.311	4.445 + 08	3.162 + 20	0.011
54	23	19	7.311	5.282 + 07	1.000 + 21	0.033
54	23	19	7.311	5.623 + 07	1.000 + 21	0.303
54	23	19	7.311	5.964 + 07	1.000 + 21	0.425
54	23	19	7.311	6.306 + 07	1.000 + 21	0.407
54	23	19	7.311	6.647 + 07	1.000 + 21	0.381
54	23	19	7.311	6.988 + 07	1.000 + 21	0.349
54	23	19	7.311	7.330 + 07	1.000 + 21	0.433
54	23	19	7.311	9.334 + 07	1.000 + 21	0.315
54	23	19	7.311	1.333 + 08	1.000 + 21	0.211
54	23	19	7.311	4.445 + 08	1.000 + 21	0.082
54	23	19	7.311	2.667 + 09	1.000 + 21	0.027
54	23	19	7.311	4.940 + 07	3.162 + 21	0.013
54	23	19	7.311	5.282 + 07	3.162 + 21	0.253
54	23	19	7.311	5.623 + 07	3.162 + 21	1.492
54	23	19	7.311	5.964 + 07	3.162 + 21	2.035
54	23	19	7.311	6.306 + 07	3.162 + 21	1.964
54	23	19	7.311	6.647 + 07	3.162 + 21	1.847
54	23	19	7.311	6.988 + 07	3.162 + 21	1.695
54	23	19	7.311	7.330 + 07	3.162 + 21	2.098
54	23	19	7.311	9.334 + 07	3.162 + 21	1.577
54	23	19	7.311	1.333 + 08	3.162 + 21	1.090
54	23	19	7.311	4.445 + 08	3.162 + 21	0.460
54	23	19	7.311	2.667 + 09	3.162 + 21	0.159
54	23	19	7.311	4.940 + 07	1.000 + 22	0.079
54	23	19	7.311	5.282 + 07	1.000 + 22	1.345
54	23	19	7.311	5.623 + 07	1.000 + 22	5.724
54	23	19	7.311	5.964 + 07	1.000 + 22	7.700
54	23	19	7.311	6.306 + 07	1.000 + 22	7.593

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	23	19	7.311	6.647 + 07	1.000 + 22	7.163
54	23	19	7.311	6.988 + 07	1.000 + 22	6.598
54	23	19	7.311	7.330 + 07	1.000 + 22	8.162
54	23	19	7.311	9.334 + 07	1.000 + 22	6.264
54	23	19	7.311	1.333 + 08	1.000 + 22	4.439
54	23	19	7.311	4.445 + 08	1.000 + 22	1.976
54	23	19	7.311	2.667 + 09	1.000 + 22	0.712
54	7	3	7.083	5.282 + 07	3.162 + 19	0.006
54	7	3	7.083	5.623 + 07	3.162 + 19	0.006
54	7	3	7.083	5.964 + 07	3.162 + 19	0.005
54	7	3	7.083	6.306 + 07	3.162 + 19	0.006
54	7	3	7.083	6.647 + 07	3.162 + 19	0.006
54	7	3	7.083	6.988 + 07	3.162 + 19	0.007
54	7	3	7.083	7.330 + 07	3.162 + 19	0.007
54	7	3	7.083	5.282 + 07	1.000 + 20	0.051
54	7	3	7.083	5.623 + 07	1.000 + 20	0.048
54	7	3	7.083	5.964 + 07	1.000 + 20	0.044
54	7	3	7.083	6.306 + 07	1.000 + 20	0.053
54	7	3	7.083	6.647 + 07	1.000 + 20	0.049
54	7	3	7.083	6.988 + 07	1.000 + 20	0.063
54	7	3	7.083	7.330 + 07	1.000 + 20	0.059
54	7	3	7.083	9.334 + 07	1.000 + 20	0.041
54	7	3	7.083	1.333 + 08	1.000 + 20	0.026
54	7	3	7.083	4.445 + 08	1.000 + 20	0.009
54	7	3	7.083	4.940 + 07	3.162 + 20	0.007
54	7	3	7.083	5.282 + 07	3.162 + 20	0.361
54	7	3	7.083	5.623 + 07	3.162 + 20	0.340
54	7	3	7.083	5.964 + 07	3.162 + 20	0.320
54	7	3	7.083	6.306 + 07	3.162 + 20	0.376
54	7	3	7.083	6.647 + 07	3.162 + 20	0.347
54	7	3	7.083	6.988 + 07	3.162 + 20	0.446
54	7	3	7.083	7.330 + 07	3.162 + 20	0.416
54	7	3	7.083	9.334 + 07	3.162 + 20	0.295
54	7	3	7.083	1.333 + 08	3.162 + 20	0.190
54	7	3	7.083	4.445 + 08	3.162 + 20	0.074
54	7	3	7.083	2.667 + 09	3.162 + 20	0.026
54	7	3	7.083	4.940 + 07	1.000 + 21	0.048
54	7	3	7.083	5.282 + 07	1.000 + 21	1.963
54	7	3	7.083	5.623 + 07	1.000 + 21	1.858
54	7	3	7.083	5.964 + 07	1.000 + 21	1.770
54	7	3	7.083	6.306 + 07	1.000 + 21	2.031
54	7	3	7.083	6.647 + 07	1.000 + 21	1.891
54	7	3	7.083	6.988 + 07	1.000 + 21	2.373
54	7	3	7.083	7.330 + 07	1.000 + 21	2.225
54	7	3	7.083	9.334 + 07	1.000 + 21	1.624
54	7	3	7.083	1.333 + 08	1.000 + 21	1.085
54	7	3	7.083	4.445 + 08	1.000 + 21	0.454
54	7	3	7.083	2.667 + 09	1.000 + 21	0.169
54	7	3	7.083	4.940 + 07	3.162 + 21	0.222
54	7	3	7.083	5.282 + 07	3.162 + 21	8.179
54	7	3	7.083	5.623 + 07	3.162 + 21	7.778
54	7	3	7.083	5.964 + 07	3.162 + 21	7.438
54	7	3	7.083	6.306 + 07	3.162 + 21	8.306
54	7	3	7.083	6.647 + 07	3.162 + 21	7.777
54	7	3	7.083	6.988 + 07	3.162 + 21	9.585
54	7	3	7.083	7.330 + 07	3.162 + 21	9.029
54	7	3	7.083	9.334 + 07	3.162 + 21	6.772
54	7	3	7.083	1.333 + 08	3.162 + 21	4.665
54	7	3	7.083	4.445 + 08	3.162 + 21	2.087
54	7	3	7.083	2.667 + 09	3.162 + 21	0.816
54	7	3	7.083	4.940 + 07	1.000 + 22	0.641
54	7	3	7.083	5.282 + 07	1.000 + 22	26.940
54	7	3	7.083	5.623 + 07	1.000 + 22	25.688
54	7	3	7.083	5.964 + 07	1.000 + 22	24.446
54	7	3	7.083	6.306 + 07	1.000 + 22	26.468
54	7	3	7.083	6.647 + 07	1.000 + 22	24.867
54	7	3	7.083	6.988 + 07	1.000 + 22	30.595
54	7	3	7.083	7.330 + 07	1.000 + 22	28.901
54	7	3	7.083	9.334 + 07	1.000 + 22	22.106

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	7	3	7.083	1.333 + 08	1.000 + 22	15.562
54	7	3	7.083	4.445 + 08	1.000 + 22	7.376
54	7	3	7.083	2.667 + 09	1.000 + 22	3.022
54	6	2	6.861	5.282 + 07	1.000 + 22	8.025
54	6	2	6.861	5.623 + 07	1.000 + 22	8.037
54	6	2	6.861	5.964 + 07	1.000 + 22	7.871
54	6	2	6.861	6.306 + 07	1.000 + 22	9.504
54	6	2	6.861	6.647 + 07	1.000 + 22	8.614
54	6	2	6.861	6.988 + 07	1.000 + 22	7.099
54	6	2	6.861	7.330 + 07	1.000 + 22	6.608
54	6	2	6.861	9.334 + 07	1.000 + 22	3.061
54	22	18	6.848	5.623 + 07	1.000 + 22	0.013
54	22	18	6.848	5.964 + 07	1.000 + 22	1.318
54	22	18	6.848	6.306 + 07	1.000 + 22	1.122
54	22	18	6.848	6.647 + 07	1.000 + 22	0.996
54	22	18	6.848	6.988 + 07	1.000 + 22	0.738
54	22	18	6.848	7.330 + 07	1.000 + 22	0.415
54	22	18	6.848	9.334 + 07	1.000 + 22	0.078
54	32	26	6.829	5.282 + 07	3.162 + 21	0.132
54	32	26	6.829	5.964 + 07	3.162 + 21	0.035
54	32	26	6.829	6.306 + 07	3.162 + 21	0.235
54	32	26	6.829	6.647 + 07	3.162 + 21	0.213
54	32	26	6.829	6.988 + 07	3.162 + 21	0.189
54	32	26	6.829	7.330 + 07	3.162 + 21	0.155
54	32	26	6.829	9.334 + 07	3.162 + 21	0.092
54	32	26	6.829	1.333 + 08	3.162 + 21	0.040
54	32	26	6.829	4.940 + 07	1.000 + 22	0.049
54	32	26	6.829	5.282 + 07	1.000 + 22	3.537
54	32	26	6.829	5.623 + 07	1.000 + 22	3.032
54	32	26	6.829	5.964 + 07	1.000 + 22	3.463
54	32	26	6.829	6.306 + 07	1.000 + 22	5.232
54	32	26	6.829	6.647 + 07	1.000 + 22	4.850
54	32	26	6.829	6.988 + 07	1.000 + 22	5.029
54	32	26	6.829	7.330 + 07	1.000 + 22	4.757
54	32	26	6.829	9.334 + 07	1.000 + 22	3.320
54	32	26	6.829	1.333 + 08	1.000 + 22	1.985
54	32	26	6.829	4.445 + 08	1.000 + 22	0.508
54	32	26	6.829	2.667 + 09	1.000 + 22	0.102
54	22	17	6.828	5.623 + 07	1.000 + 20	0.012
54	22	17	6.828	5.964 + 07	1.000 + 20	0.017
54	22	17	6.828	6.306 + 07	1.000 + 20	0.016
54	22	17	6.828	6.647 + 07	1.000 + 20	0.014
54	22	17	6.828	6.988 + 07	1.000 + 20	0.013
54	22	17	6.828	7.330 + 07	1.000 + 20	0.018
54	22	17	6.828	9.334 + 07	1.000 + 20	0.010
54	22	17	6.828	5.282 + 07	3.162 + 20	0.008
54	22	17	6.828	5.623 + 07	3.162 + 20	0.083
54	22	17	6.828	5.964 + 07	3.162 + 20	0.123
54	22	17	6.828	6.306 + 07	3.162 + 20	0.112
54	22	17	6.828	6.647 + 07	3.162 + 20	0.101
54	22	17	6.828	6.988 + 07	3.162 + 20	0.091
54	22	17	6.828	7.330 + 07	3.162 + 20	0.125
54	22	17	6.828	9.334 + 07	3.162 + 20	0.077
54	22	17	6.828	1.333 + 08	3.162 + 20	0.037
54	22	17	6.828	4.445 + 08	3.162 + 20	0.006
54	22	17	6.828	5.282 + 07	1.000 + 21	0.061
54	22	17	6.828	5.623 + 07	1.000 + 21	0.441
54	22	17	6.828	5.964 + 07	1.000 + 21	0.634
54	22	17	6.828	6.306 + 07	1.000 + 21	0.581
54	22	17	6.828	6.647 + 07	1.000 + 21	0.530
54	22	17	6.828	6.988 + 07	1.000 + 21	0.478
54	22	17	6.828	7.330 + 07	1.000 + 21	0.650
54	22	17	6.828	9.334 + 07	1.000 + 21	0.419
54	22	17	6.828	1.333 + 08	1.000 + 21	0.216
54	22	17	6.828	4.445 + 08	1.000 + 21	0.042
54	22	17	6.828	2.667 + 09	1.000 + 21	0.014
54	22	17	6.828	4.940 + 07	3.162 + 21	0.017
54	22	17	6.828	5.282 + 07	3.162 + 21	0.342
54	22	17	6.828	5.623 + 07	3.162 + 21	1.776

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	22	17	6.828	5.964 + 07	3.162 + 21	2.498
54	22	17	6.828	6.306 + 07	3.162 + 21	2.307
54	22	17	6.828	6.647 + 07	3.162 + 21	2.124
54	22	17	6.828	6.988 + 07	3.162 + 21	1.918
54	22	17	6.828	7.330 + 07	3.162 + 21	2.561
54	22	17	6.828	9.334 + 07	3.162 + 21	1.724
54	22	17	6.828	1.333 + 08	3.162 + 21	0.951
54	22	17	6.828	4.445 + 08	3.162 + 21	0.226
54	22	17	6.828	2.667 + 09	3.162 + 21	0.081
54	22	17	6.828	4.940 + 07	1.000 + 22	0.089
54	22	17	6.828	5.282 + 07	1.000 + 22	1.578
54	22	17	6.828	5.623 + 07	1.000 + 22	6.202
54	22	17	6.828	5.964 + 07	1.000 + 22	8.559
54	22	17	6.828	6.306 + 07	1.000 + 22	8.041
54	22	17	6.828	6.647 + 07	1.000 + 22	7.443
54	22	17	6.828	6.988 + 07	1.000 + 22	6.756
54	22	17	6.828	7.330 + 07	1.000 + 22	8.811
54	22	17	6.828	9.334 + 07	1.000 + 22	6.134
54	22	17	6.828	1.333 + 08	1.000 + 22	3.576
54	22	17	6.828	4.445 + 08	1.000 + 22	0.985
54	22	17	6.828	2.667 + 09	1.000 + 22	0.358
54	8	3	6.759	6.988 + 07	3.162 + 19	0.005
54	8	3	6.759	5.282 + 07	1.000 + 20	0.037
54	8	3	6.759	5.623 + 07	1.000 + 20	0.037
54	8	3	6.759	5.964 + 07	1.000 + 20	0.037
54	8	3	6.759	6.306 + 07	1.000 + 20	0.044
54	8	3	6.759	6.647 + 07	1.000 + 20	0.041
54	8	3	6.759	6.988 + 07	1.000 + 20	0.049
54	8	3	6.759	7.330 + 07	1.000 + 20	0.046
54	8	3	6.759	9.334 + 07	1.000 + 20	0.031
54	8	3	6.759	1.333 + 08	1.000 + 20	0.019
54	8	3	6.759	4.445 + 08	1.000 + 20	0.006
54	8	3	6.759	4.940 + 07	3.162 + 20	0.016
54	8	3	6.759	5.282 + 07	3.162 + 20	0.327
54	8	3	6.759	5.623 + 07	3.162 + 20	0.321
54	8	3	6.759	5.964 + 07	3.162 + 20	0.323
54	8	3	6.759	6.306 + 07	3.162 + 20	0.380
54	8	3	6.759	6.647 + 07	3.162 + 20	0.352
54	8	3	6.759	6.988 + 07	3.162 + 20	0.422
54	8	3	6.759	7.330 + 07	3.162 + 20	0.396
54	8	3	6.759	9.334 + 07	3.162 + 20	0.273
54	8	3	6.759	1.333 + 08	3.162 + 20	0.169
54	8	3	6.759	4.445 + 08	3.162 + 20	0.057
54	8	3	6.759	2.667 + 09	3.162 + 20	0.017
54	8	3	6.759	4.940 + 07	1.000 + 21	0.110
54	8	3	6.759	5.282 + 07	1.000 + 21	2.285
54	8	3	6.759	5.623 + 07	1.000 + 21	2.235
54	8	3	6.759	5.964 + 07	1.000 + 21	2.245
54	8	3	6.759	6.306 + 07	1.000 + 21	2.582
54	8	3	6.759	6.647 + 07	1.000 + 21	2.407
54	8	3	6.759	6.988 + 07	1.000 + 21	2.849
54	8	3	6.759	7.330 + 07	1.000 + 21	2.684
54	8	3	6.759	9.334 + 07	1.000 + 21	1.922
54	8	3	6.759	1.333 + 08	1.000 + 21	1.242
54	8	3	6.759	4.445 + 08	1.000 + 21	0.456
54	8	3	6.759	2.667 + 09	1.000 + 21	0.144
54	8	3	6.759	4.940 + 07	3.162 + 21	0.546
54	8	3	6.759	5.282 + 07	3.162 + 21	11.243
54	8	3	6.759	5.623 + 07	3.162 + 21	10.994
54	8	3	6.759	5.964 + 07	3.162 + 21	10.990
54	8	3	6.759	6.306 + 07	3.162 + 21	12.323
54	8	3	6.759	6.647 + 07	3.162 + 21	11.577
54	8	3	6.759	6.988 + 07	3.162 + 21	13.567
54	8	3	6.759	7.330 + 07	3.162 + 21	12.841
54	8	3	6.759	9.334 + 07	3.162 + 21	9.544
54	8	3	6.759	1.333 + 08	3.162 + 21	6.463
54	8	3	6.759	4.445 + 08	3.162 + 21	2.655
54	8	3	6.759	2.667 + 09	3.162 + 21	0.914
54	8	3	6.759	4.940 + 07	1.000 + 22	1.904

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	8	3	6.759	5.282 + 07	1.000 + 22	40.507
54	8	3	6.759	5.623 + 07	1.000 + 22	39.518
54	8	3	6.759	5.964 + 07	1.000 + 22	39.158
54	8	3	6.759	6.306 + 07	1.000 + 22	42.718
54	8	3	6.759	6.647 + 07	1.000 + 22	40.348
54	8	3	6.759	6.988 + 07	1.000 + 22	47.262
54	8	3	6.759	7.330 + 07	1.000 + 22	44.874
54	8	3	6.759	9.334 + 07	1.000 + 22	34.237
54	8	3	6.759	1.333 + 08	1.000 + 22	23.944
54	8	3	6.759	4.445 + 08	1.000 + 22	10.761
54	8	3	6.759	2.667 + 09	1.000 + 22	4.011
54	23	17	6.719	5.623 + 07	1.000 + 20	0.017
54	23	17	6.719	5.964 + 07	1.000 + 20	0.025
54	23	17	6.719	6.306 + 07	1.000 + 20	0.024
54	23	17	6.719	6.647 + 07	1.000 + 20	0.023
54	23	17	6.719	6.988 + 07	1.000 + 20	0.021
54	23	17	6.719	7.330 + 07	1.000 + 20	0.026
54	23	17	6.719	9.334 + 07	1.000 + 20	0.018
54	23	17	6.719	1.333 + 08	1.000 + 20	0.012
54	23	17	6.719	5.282 + 07	3.162 + 20	0.008
54	23	17	6.719	5.623 + 07	3.162 + 20	0.151
54	23	17	6.719	5.964 + 07	3.162 + 20	0.220
54	23	17	6.719	6.306 + 07	3.162 + 20	0.211
54	23	17	6.719	6.647 + 07	3.162 + 20	0.196
54	23	17	6.719	6.988 + 07	3.162 + 20	0.180
54	23	17	6.719	7.330 + 07	3.162 + 20	0.223
54	23	17	6.719	9.334 + 07	3.162 + 20	0.158
54	23	17	6.719	1.333 + 08	3.162 + 20	0.103
54	23	17	6.719	4.445 + 08	3.162 + 20	0.038
54	23	17	6.719	2.667 + 09	3.162 + 20	0.012
54	23	17	6.719	4.940 + 07	1.000 + 21	0.005
54	23	17	6.719	5.282 + 07	1.000 + 21	0.116
54	23	17	6.719	5.623 + 07	1.000 + 21	1.050
54	23	17	6.719	5.964 + 07	1.000 + 21	1.469
54	23	17	6.719	6.306 + 07	1.000 + 21	1.407
54	23	17	6.719	6.647 + 07	1.000 + 21	1.315
54	23	17	6.719	6.988 + 07	1.000 + 21	1.207
54	23	17	6.719	7.330 + 07	1.000 + 21	1.492
54	23	17	6.719	9.334 + 07	1.000 + 21	1.089
54	23	17	6.719	1.333 + 08	1.000 + 21	0.729
54	23	17	6.719	4.445 + 08	1.000 + 21	0.284
54	23	17	6.719	2.667 + 09	1.000 + 21	0.092
54	23	17	6.719	4.940 + 07	3.162 + 21	0.044
54	23	17	6.719	5.282 + 07	3.162 + 21	0.894
54	23	17	6.719	5.623 + 07	3.162 + 21	5.182
54	23	17	6.719	5.964 + 07	3.162 + 21	7.038
54	23	17	6.719	6.306 + 07	3.162 + 21	6.795
54	23	17	6.719	6.647 + 07	3.162 + 21	6.391
54	23	17	6.719	6.988 + 07	3.162 + 21	5.871
54	23	17	6.719	7.330 + 07	3.162 + 21	7.238
54	23	17	6.719	9.334 + 07	3.162 + 21	5.451
54	23	17	6.719	1.333 + 08	3.162 + 21	3.776
54	23	17	6.719	4.445 + 08	3.162 + 21	1.597
54	23	17	6.719	2.667 + 09	3.162 + 21	0.551
54	23	17	6.719	4.940 + 07	1.000 + 22	0.271
54	23	17	6.719	5.282 + 07	1.000 + 22	4.857
54	23	17	6.719	5.623 + 07	1.000 + 22	20.096
54	23	17	6.719	5.964 + 07	1.000 + 22	26.750
54	23	17	6.719	6.306 + 07	1.000 + 22	26.368
54	23	17	6.719	6.647 + 07	1.000 + 22	24.904
54	23	17	6.719	6.988 + 07	1.000 + 22	22.969
54	23	17	6.719	7.330 + 07	1.000 + 22	28.181
54	23	17	6.719	9.334 + 07	1.000 + 22	21.727
54	23	17	6.719	1.333 + 08	1.000 + 22	15.477
54	23	17	6.719	4.445 + 08	1.000 + 22	6.908
54	23	17	6.719	2.667 + 09	1.000 + 22	2.484
54	10	4	6.381	5.282 + 07	3.162 + 21	0.610
54	10	4	6.381	5.623 + 07	3.162 + 21	0.385
54	10	4	6.381	5.964 + 07	3.162 + 21	0.166

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	10	4	6.381	$5.282 + 07$	$1.000 + 22$	4.342
54	10	4	6.381	$5.623 + 07$	$1.000 + 22$	3.552
54	10	4	6.381	$5.964 + 07$	$1.000 + 22$	2.870
54	10	4	6.381	$6.306 + 07$	$1.000 + 22$	2.258
54	10	4	6.381	$6.647 + 07$	$1.000 + 22$	2.002
54	10	4	6.381	$6.988 + 07$	$1.000 + 22$	1.367
54	10	4	6.381	$7.330 + 07$	$1.000 + 22$	1.144
54	10	4	6.381	$9.334 + 07$	$1.000 + 22$	0.416
54	34	31	6.290	$5.282 + 07$	$1.000 + 21$	0.012
54	34	31	6.290	$5.623 + 07$	$1.000 + 21$	0.013
54	34	31	6.290	$5.964 + 07$	$1.000 + 21$	0.020
54	34	31	6.290	$6.306 + 07$	$1.000 + 21$	0.031
54	34	31	6.290	$6.647 + 07$	$1.000 + 21$	0.028
54	34	31	6.290	$6.988 + 07$	$1.000 + 21$	0.026
54	34	31	6.290	$7.330 + 07$	$1.000 + 21$	0.025
54	34	31	6.290	$9.334 + 07$	$1.000 + 21$	0.014
54	34	31	6.290	$1.333 + 08$	$1.000 + 21$	0.006
54	34	31	6.290	$4.940 + 07$	$3.162 + 21$	0.008
54	34	31	6.290	$5.282 + 07$	$3.162 + 21$	0.187
54	34	31	6.290	$5.623 + 07$	$3.162 + 21$	0.197
54	34	31	6.290	$5.964 + 07$	$3.162 + 21$	0.251
54	34	31	6.290	$6.306 + 07$	$3.162 + 21$	0.338
54	34	31	6.290	$6.647 + 07$	$3.162 + 21$	0.306
54	34	31	6.290	$6.988 + 07$	$3.162 + 21$	0.302
54	34	31	6.290	$7.330 + 07$	$3.162 + 21$	0.286
54	34	31	6.290	$9.334 + 07$	$3.162 + 21$	0.177
54	34	31	6.290	$1.333 + 08$	$3.162 + 21$	0.084
54	34	31	6.290	$4.445 + 08$	$3.162 + 21$	0.007
54	34	31	6.290	$4.940 + 07$	$1.000 + 22$	0.088
54	34	31	6.290	$5.282 + 07$	$1.000 + 22$	1.873
54	34	31	6.290	$5.623 + 07$	$1.000 + 22$	1.926
54	34	31	6.290	$5.964 + 07$	$1.000 + 22$	2.214
54	34	31	6.290	$6.306 + 07$	$1.000 + 22$	2.745
54	34	31	6.290	$6.647 + 07$	$1.000 + 22$	2.511
54	34	31	6.290	$6.988 + 07$	$1.000 + 22$	2.566
54	34	31	6.290	$7.330 + 07$	$1.000 + 22$	2.453
54	34	31	6.290	$9.334 + 07$	$1.000 + 22$	1.615
54	34	31	6.290	$1.333 + 08$	$1.000 + 22$	0.854
54	34	31	6.290	$4.445 + 08$	$1.000 + 22$	0.149
54	34	31	6.290	$2.667 + 09$	$1.000 + 22$	0.028
54	35	31	6.186	$5.964 + 07$	$3.162 + 20$	0.006
54	35	31	6.186	$6.306 + 07$	$3.162 + 20$	0.018
54	35	31	6.186	$6.647 + 07$	$3.162 + 20$	0.017
54	35	31	6.186	$6.988 + 07$	$3.162 + 20$	0.016
54	35	31	6.186	$7.330 + 07$	$3.162 + 20$	0.015
54	35	31	6.186	$9.334 + 07$	$3.162 + 20$	0.012
54	35	31	6.186	$1.333 + 08$	$3.162 + 20$	0.009
54	35	31	6.186	$5.282 + 07$	$1.000 + 21$	0.053
54	35	31	6.186	$5.623 + 07$	$1.000 + 21$	0.050
54	35	31	6.186	$5.964 + 07$	$1.000 + 21$	0.091
54	35	31	6.186	$6.306 + 07$	$1.000 + 21$	0.191
54	35	31	6.186	$6.647 + 07$	$1.000 + 21$	0.180
54	35	31	6.186	$6.988 + 07$	$1.000 + 21$	0.174
54	35	31	6.186	$7.330 + 07$	$1.000 + 21$	0.165
54	35	31	6.186	$9.334 + 07$	$1.000 + 21$	0.128
54	35	31	6.186	$1.333 + 08$	$1.000 + 21$	0.092
54	35	31	6.186	$4.445 + 08$	$1.000 + 21$	0.035
54	35	31	6.186	$2.667 + 09$	$1.000 + 21$	0.009
54	35	31	6.186	$4.940 + 07$	$3.162 + 21$	0.036
54	35	31	6.186	$5.282 + 07$	$3.162 + 21$	0.813
54	35	31	6.186	$5.623 + 07$	$3.162 + 21$	0.796
54	35	31	6.186	$5.964 + 07$	$3.162 + 21$	1.103
54	35	31	6.186	$6.306 + 07$	$3.162 + 21$	1.888
54	35	31	6.186	$6.647 + 07$	$3.162 + 21$	1.778
54	35	31	6.186	$6.988 + 07$	$3.162 + 21$	1.763
54	35	31	6.186	$7.330 + 07$	$3.162 + 21$	1.683
54	35	31	6.186	$9.334 + 07$	$3.162 + 21$	1.298
54	35	31	6.186	$1.333 + 08$	$3.162 + 21$	0.926
54	35	31	6.186	$4.445 + 08$	$3.162 + 21$	0.358

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	35	31	6.186	2.667 + 09	3.162 + 21	0.096
54	35	31	6.186	4.940 + 07	1.000 + 22	0.364
54	35	31	6.186	5.282 + 07	1.000 + 22	7.415
54	35	31	6.186	5.623 + 07	1.000 + 22	7.266
54	35	31	6.186	5.964 + 07	1.000 + 22	8.993
54	35	31	6.186	6.306 + 07	1.000 + 22	13.892
54	35	31	6.186	6.647 + 07	1.000 + 22	13.135
54	35	31	6.186	6.988 + 07	1.000 + 22	13.288
54	35	31	6.186	7.330 + 07	1.000 + 22	12.748
54	35	31	6.186	9.334 + 07	1.000 + 22	9.969
54	35	31	6.186	1.333 + 08	1.000 + 22	7.225
54	35	31	6.186	4.445 + 08	1.000 + 22	3.001
54	35	31	6.186	2.667 + 09	1.000 + 22	0.886
54	12	5	6.159	5.282 + 07	1.000 + 22	8.909
54	12	5	6.159	5.623 + 07	1.000 + 22	8.509
54	12	5	6.159	5.964 + 07	1.000 + 22	9.224
54	12	5	6.159	6.306 + 07	1.000 + 22	12.498
54	12	5	6.159	6.647 + 07	1.000 + 22	11.934
54	12	5	6.159	6.988 + 07	1.000 + 22	10.551
54	12	5	6.159	7.330 + 07	1.000 + 22	10.167
54	12	5	6.159	9.334 + 07	1.000 + 22	8.532
54	12	5	6.159	1.333 + 08	1.000 + 22	6.763
54	12	5	6.159	4.445 + 08	1.000 + 22	3.232
54	12	5	6.159	2.667 + 09	1.000 + 22	0.833
54	24	20	6.097	5.964 + 07	3.162 + 21	0.127
54	24	20	6.097	6.306 + 07	3.162 + 21	0.155
54	24	20	6.097	6.647 + 07	3.162 + 21	0.109
54	24	20	6.097	6.988 + 07	3.162 + 21	0.053
54	24	20	6.097	4.940 + 07	1.000 + 22	0.055
54	24	20	6.097	5.282 + 07	1.000 + 22	1.094
54	24	20	6.097	5.623 + 07	1.000 + 22	3.664
54	24	20	6.097	5.964 + 07	1.000 + 22	5.994
54	24	20	6.097	6.306 + 07	1.000 + 22	5.934
54	24	20	6.097	6.647 + 07	1.000 + 22	5.453
54	24	20	6.097	6.988 + 07	1.000 + 22	4.913
54	24	20	6.097	7.330 + 07	1.000 + 22	3.996
54	24	20	6.097	9.334 + 07	1.000 + 22	2.530
54	24	20	6.097	1.333 + 08	1.000 + 22	1.279
54	24	20	6.097	4.445 + 08	1.000 + 22	0.068
54	13	5	6.035	5.282 + 07	1.000 + 22	4.262
54	13	5	6.035	5.623 + 07	1.000 + 22	3.792
54	13	5	6.035	5.964 + 07	1.000 + 22	3.494
54	13	5	6.035	6.306 + 07	1.000 + 22	3.649
54	13	5	6.035	6.647 + 07	1.000 + 22	3.132
54	13	5	6.035	6.988 + 07	1.000 + 22	3.077
54	13	5	6.035	7.330 + 07	1.000 + 22	2.708
54	13	5	6.035	9.334 + 07	1.000 + 22	0.956
54	9	3	5.638	5.282 + 07	3.162 + 19	0.015
54	9	3	5.638	5.623 + 07	3.162 + 19	0.014
54	9	3	5.638	5.964 + 07	3.162 + 19	0.013
54	9	3	5.638	6.306 + 07	3.162 + 19	0.013
54	9	3	5.638	6.647 + 07	3.162 + 19	0.012
54	9	3	5.638	6.988 + 07	3.162 + 19	0.012
54	9	3	5.638	7.330 + 07	3.162 + 19	0.011
54	9	3	5.638	9.334 + 07	3.162 + 19	0.010
54	9	3	5.638	1.333 + 08	3.162 + 19	0.007
54	9	3	5.638	5.282 + 07	1.000 + 20	0.130
54	9	3	5.638	5.623 + 07	1.000 + 20	0.122
54	9	3	5.638	5.964 + 07	1.000 + 20	0.116
54	9	3	5.638	6.306 + 07	1.000 + 20	0.110
54	9	3	5.638	6.647 + 07	1.000 + 20	0.106
54	9	3	5.638	6.988 + 07	1.000 + 20	0.104
54	9	3	5.638	7.330 + 07	1.000 + 20	0.100
54	9	3	5.638	9.334 + 07	1.000 + 20	0.085
54	9	3	5.638	1.333 + 08	1.000 + 20	0.065
54	9	3	5.638	4.445 + 08	1.000 + 20	0.024
54	9	3	5.638	2.667 + 09	1.000 + 20	0.006
54	9	3	5.638	5.282 + 07	3.162 + 20	0.931
54	9	3	5.638	5.623 + 07	3.162 + 20	0.874

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	9	3	5.638	5.964 + 07	3.162 + 20	0.826
54	9	3	5.638	6.306 + 07	3.162 + 20	0.781
54	9	3	5.638	6.647 + 07	3.162 + 20	0.757
54	9	3	5.638	6.988 + 07	3.162 + 20	0.741
54	9	3	5.638	7.330 + 07	3.162 + 20	0.715
54	9	3	5.638	9.334 + 07	3.162 + 20	0.621
54	9	3	5.638	1.333 + 08	3.162 + 20	0.489
54	9	3	5.638	4.445 + 08	3.162 + 20	0.194
54	9	3	5.638	2.667 + 09	3.162 + 20	0.054
54	9	3	5.638	5.282 + 07	1.000 + 21	4.819
54	9	3	5.638	5.623 + 07	1.000 + 21	4.506
54	9	3	5.638	5.964 + 07	1.000 + 21	4.239
54	9	3	5.638	6.306 + 07	1.000 + 21	3.985
54	9	3	5.638	6.647 + 07	1.000 + 21	3.892
54	9	3	5.638	6.988 + 07	1.000 + 21	3.773
54	9	3	5.638	7.330 + 07	1.000 + 21	3.656
54	9	3	5.638	9.334 + 07	1.000 + 21	3.293
54	9	3	5.638	1.333 + 08	1.000 + 21	2.720
54	9	3	5.638	4.445 + 08	1.000 + 21	1.208
54	9	3	5.638	2.667 + 09	1.000 + 21	0.360
54	9	3	5.638	5.282 + 07	3.162 + 21	18.431
54	9	3	5.638	5.623 + 07	3.162 + 21	17.161
54	9	3	5.638	5.964 + 07	3.162 + 21	16.029
54	9	3	5.638	6.306 + 07	3.162 + 21	14.956
54	9	3	5.638	6.647 + 07	3.162 + 21	14.705
54	9	3	5.638	6.988 + 07	3.162 + 21	14.071
54	9	3	5.638	7.330 + 07	3.162 + 21	13.665
54	9	3	5.638	9.334 + 07	3.162 + 21	12.707
54	9	3	5.638	1.333 + 08	3.162 + 21	10.923
54	9	3	5.638	4.445 + 08	3.162 + 21	5.349
54	9	3	5.638	2.667 + 09	3.162 + 21	1.723
54	9	3	5.638	5.282 + 07	1.000 + 22	58.964
54	9	3	5.638	5.623 + 07	1.000 + 22	54.768
54	9	3	5.638	5.964 + 07	1.000 + 22	50.761
54	9	3	5.638	6.306 + 07	1.000 + 22	47.083
54	9	3	5.638	6.647 + 07	1.000 + 22	46.506
54	9	3	5.638	6.988 + 07	1.000 + 22	43.698
54	9	3	5.638	7.330 + 07	1.000 + 22	42.479
54	9	3	5.638	9.334 + 07	1.000 + 22	40.435
54	9	3	5.638	1.333 + 08	1.000 + 22	35.694
54	9	3	5.638	4.445 + 08	1.000 + 22	18.507
54	9	3	5.638	2.667 + 09	1.000 + 22	6.227
54	15	5	5.583	4.445 + 08	1.000 + 22	0.006
54	37	31	5.417	6.306 + 07	1.000 + 21	0.019
54	37	31	5.417	6.647 + 07	1.000 + 21	0.019
54	37	31	5.417	6.988 + 07	1.000 + 21	0.018
54	37	31	5.417	7.330 + 07	1.000 + 21	0.018
54	37	31	5.417	9.334 + 07	1.000 + 21	0.017
54	37	31	5.417	1.333 + 08	1.000 + 21	0.016
54	37	31	5.417	4.445 + 08	1.000 + 21	0.008
54	37	31	5.417	5.282 + 07	3.162 + 21	0.021
54	37	31	5.417	5.623 + 07	3.162 + 21	0.022
54	37	31	5.417	5.964 + 07	3.162 + 21	0.027
54	37	31	5.417	6.306 + 07	3.162 + 21	0.164
54	37	31	5.417	6.647 + 07	3.162 + 21	0.163
54	37	31	5.417	6.988 + 07	3.162 + 21	0.157
54	37	31	5.417	7.330 + 07	3.162 + 21	0.155
54	37	31	5.417	9.334 + 07	3.162 + 21	0.150
54	37	31	5.417	1.333 + 08	3.162 + 21	0.136
54	37	31	5.417	4.445 + 08	3.162 + 21	0.070
54	37	31	5.417	2.667 + 09	3.162 + 21	0.021
54	37	31	5.417	4.940 + 07	1.000 + 22	0.007
54	37	31	5.417	5.282 + 07	1.000 + 22	0.174
54	37	31	5.417	5.623 + 07	1.000 + 22	0.181
54	37	31	5.417	5.964 + 07	1.000 + 22	0.204
54	37	31	5.417	6.306 + 07	1.000 + 22	1.124
54	37	31	5.417	6.647 + 07	1.000 + 22	1.123
54	37	31	5.417	6.988 + 07	1.000 + 22	1.077
54	37	31	5.417	7.330 + 07	1.000 + 22	1.074

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	37	31	5.417	9.334 + 07	1.000 + 22	1.056
54	37	31	5.417	1.333 + 08	1.000 + 22	0.991
54	37	31	5.417	4.445 + 08	1.000 + 22	0.548
54	37	31	5.417	2.667 + 09	1.000 + 22	0.169
54	16	5	5.415	6.306 + 07	1.000 + 22	0.005
54	31	21	4.366	5.282 + 07	1.000 + 22	0.018
54	35	28	4.272	5.282 + 07	1.000 + 22	0.024
54	34	25	4.234	5.282 + 07	3.162 + 21	0.030
54	34	25	4.234	5.623 + 07	3.162 + 21	0.031
54	34	25	4.234	5.964 + 07	3.162 + 21	0.040
54	34	25	4.234	6.306 + 07	3.162 + 21	0.053
54	34	25	4.234	6.647 + 07	3.162 + 21	0.048
54	34	25	4.234	6.988 + 07	3.162 + 21	0.048
54	34	25	4.234	7.330 + 07	3.162 + 21	0.045
54	34	25	4.234	9.334 + 07	3.162 + 21	0.028
54	34	25	4.234	1.333 + 08	3.162 + 21	0.014
54	34	25	4.234	4.940 + 07	1.000 + 22	0.015
54	34	25	4.234	5.282 + 07	1.000 + 22	0.316
54	34	25	4.234	5.623 + 07	1.000 + 22	0.322
54	34	25	4.234	5.964 + 07	1.000 + 22	0.382
54	34	25	4.234	6.306 + 07	1.000 + 22	0.467
54	34	25	4.234	6.647 + 07	1.000 + 22	0.428
54	34	25	4.234	6.988 + 07	1.000 + 22	0.438
54	34	25	4.234	7.330 + 07	1.000 + 22	0.418
54	34	25	4.234	9.334 + 07	1.000 + 22	0.278
54	34	25	4.234	1.333 + 08	1.000 + 22	0.151
54	34	25	4.234	4.445 + 08	1.000 + 22	0.028
54	34	25	4.234	2.667 + 09	1.000 + 22	0.005
54	35	25	4.187	6.306 + 07	1.000 + 21	0.008
54	35	25	4.187	6.647 + 07	1.000 + 21	0.007
54	35	25	4.187	6.988 + 07	1.000 + 21	0.007
54	35	25	4.187	7.330 + 07	1.000 + 21	0.007
54	35	25	4.187	9.334 + 07	1.000 + 21	0.005
54	35	25	4.187	5.282 + 07	3.162 + 21	0.035
54	35	25	4.187	5.623 + 07	3.162 + 21	0.034
54	35	25	4.187	5.964 + 07	3.162 + 21	0.047
54	35	25	4.187	6.306 + 07	3.162 + 21	0.078
54	35	25	4.187	6.647 + 07	3.162 + 21	0.073
54	35	25	4.187	6.988 + 07	3.162 + 21	0.073
54	35	25	4.187	7.330 + 07	3.162 + 21	0.070
54	35	25	4.187	9.334 + 07	3.162 + 21	0.053
54	35	25	4.187	1.333 + 08	3.162 + 21	0.037
54	35	25	4.187	4.445 + 08	3.162 + 21	0.014
54	35	25	4.187	4.940 + 07	1.000 + 22	0.017
54	35	25	4.187	5.282 + 07	1.000 + 22	0.344
54	35	25	4.187	5.623 + 07	1.000 + 22	0.337
54	35	25	4.187	5.964 + 07	1.000 + 22	0.427
54	35	25	4.187	6.306 + 07	1.000 + 22	0.625
54	35	25	4.187	6.647 + 07	1.000 + 22	0.589
54	35	25	4.187	6.988 + 07	1.000 + 22	0.598
54	35	25	4.187	7.330 + 07	1.000 + 22	0.572
54	35	25	4.187	9.334 + 07	1.000 + 22	0.441
54	35	25	4.187	1.333 + 08	1.000 + 22	0.313
54	35	25	4.187	4.445 + 08	1.000 + 22	0.124
54	35	25	4.187	2.667 + 09	1.000 + 22	0.035
54	26	19	4.143	5.282 + 07	3.162 + 21	0.023
54	26	19	4.143	5.623 + 07	3.162 + 21	0.025
54	26	19	4.143	5.964 + 07	3.162 + 21	0.033
54	26	19	4.143	6.306 + 07	3.162 + 21	0.034
54	26	19	4.143	6.647 + 07	3.162 + 21	0.031
54	26	19	4.143	6.988 + 07	3.162 + 21	0.034
54	26	19	4.143	7.330 + 07	3.162 + 21	0.033
54	26	19	4.143	9.334 + 07	3.162 + 21	0.021
54	26	19	4.143	1.333 + 08	3.162 + 21	0.011
54	26	19	4.143	4.940 + 07	1.000 + 22	0.015
54	26	19	4.143	5.282 + 07	1.000 + 22	0.184
54	26	19	4.143	5.623 + 07	1.000 + 22	0.187
54	26	19	4.143	5.964 + 07	1.000 + 22	0.242
54	26	19	4.143	6.306 + 07	1.000 + 22	0.264

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	26	19	4.143	6.647 + 07	1.000 + 22	0.243
54	26	19	4.143	6.988 + 07	1.000 + 22	0.262
54	26	19	4.143	7.330 + 07	1.000 + 22	0.252
54	26	19	4.143	9.334 + 07	1.000 + 22	0.171
54	26	19	4.143	1.333 + 08	1.000 + 22	0.097
54	26	19	4.143	4.445 + 08	1.000 + 22	0.022
54	27	19	4.105	5.964 + 07	1.000 + 22	0.007
54	27	19	4.105	6.306 + 07	1.000 + 22	0.007
54	27	19	4.105	6.647 + 07	1.000 + 22	0.007
54	27	19	4.105	6.988 + 07	1.000 + 22	0.006
54	27	19	4.105	7.330 + 07	1.000 + 22	0.007
54	27	19	4.105	9.334 + 07	1.000 + 22	0.005
54	36	28	4.042	5.282 + 07	3.162 + 21	0.029
54	36	28	4.042	4.940 + 07	1.000 + 22	0.054
54	36	28	4.042	5.282 + 07	1.000 + 22	0.857
54	36	27	4.006	4.940 + 07	1.000 + 22	0.027
54	36	27	4.006	5.282 + 07	1.000 + 22	0.402
54	34	24	3.995	4.940 + 07	1.000 + 22	0.017
54	34	24	3.995	5.282 + 07	1.000 + 22	0.333
54	32	23	3.983	5.282 + 07	3.162 + 21	0.045
54	32	23	3.983	4.940 + 07	1.000 + 22	0.055
54	32	23	3.983	5.282 + 07	1.000 + 22	0.767
54	35	24	3.953	4.940 + 07	1.000 + 22	0.008
54	35	24	3.953	5.282 + 07	1.000 + 22	0.125
54	26	18	3.952	4.940 + 07	1.000 + 22	0.014
54	32	22	3.946	4.940 + 07	1.000 + 22	0.016
54	32	22	3.946	5.282 + 07	1.000 + 22	0.191
54	26	17	3.946	5.282 + 07	1.000 + 21	0.011
54	26	17	3.946	5.623 + 07	1.000 + 21	0.013
54	26	17	3.946	5.964 + 07	1.000 + 21	0.017
54	26	17	3.946	6.306 + 07	1.000 + 21	0.017
54	26	17	3.946	6.647 + 07	1.000 + 21	0.016
54	26	17	3.946	6.988 + 07	1.000 + 21	0.017
54	26	17	3.946	7.330 + 07	1.000 + 21	0.017
54	26	17	3.946	9.334 + 07	1.000 + 21	0.010
54	26	17	3.946	1.333 + 08	1.000 + 21	0.005
54	26	17	3.946	4.940 + 07	3.162 + 21	0.008
54	26	17	3.946	5.282 + 07	3.162 + 21	0.102
54	26	17	3.946	5.623 + 07	3.162 + 21	0.111
54	26	17	3.946	5.964 + 07	3.162 + 21	0.143
54	26	17	3.946	6.306 + 07	3.162 + 21	0.150
54	26	17	3.946	6.647 + 07	3.162 + 21	0.137
54	26	17	3.946	6.988 + 07	3.162 + 21	0.150
54	26	17	3.946	7.330 + 07	3.162 + 21	0.143
54	26	17	3.946	9.334 + 07	3.162 + 21	0.094
54	26	17	3.946	1.333 + 08	3.162 + 21	0.050
54	26	17	3.946	4.445 + 08	3.162 + 21	0.010
54	26	17	3.946	4.940 + 07	1.000 + 22	0.064
54	26	17	3.946	5.282 + 07	1.000 + 22	0.817
54	26	17	3.946	5.623 + 07	1.000 + 22	0.842
54	26	17	3.946	5.964 + 07	1.000 + 22	1.065
54	26	17	3.946	6.306 + 07	1.000 + 22	1.159
54	26	17	3.946	6.647 + 07	1.000 + 22	1.069
54	26	17	3.946	6.988 + 07	1.000 + 22	1.153
54	26	17	3.946	7.330 + 07	1.000 + 22	1.097
54	26	17	3.946	9.334 + 07	1.000 + 22	0.752
54	26	17	3.946	1.333 + 08	1.000 + 22	0.433
54	26	17	3.946	4.445 + 08	1.000 + 22	0.102
54	26	17	3.946	2.667 + 09	1.000 + 22	0.023
54	30	20	3.942	4.940 + 07	1.000 + 22	0.020
54	30	20	3.942	5.282 + 07	1.000 + 22	0.285
54	29	19	3.892	5.964 + 07	1.000 + 21	0.035
54	29	19	3.892	6.306 + 07	1.000 + 21	0.033
54	29	19	3.892	6.647 + 07	1.000 + 21	0.032
54	29	19	3.892	6.988 + 07	1.000 + 21	0.030
54	29	19	3.892	7.330 + 07	1.000 + 21	0.029
54	29	19	3.892	9.334 + 07	1.000 + 21	0.026
54	29	19	3.892	1.333 + 08	1.000 + 21	0.021
54	29	19	3.892	4.445 + 08	1.000 + 21	0.008

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	29	19	3.892	5.623 + 07	3.162 + 21	0.018
54	29	19	3.892	5.964 + 07	3.162 + 21	0.212
54	29	19	3.892	6.306 + 07	3.162 + 21	0.199
54	29	19	3.892	6.647 + 07	3.162 + 21	0.195
54	29	19	3.892	6.988 + 07	3.162 + 21	0.180
54	29	19	3.892	7.330 + 07	3.162 + 21	0.174
54	29	19	3.892	9.334 + 07	3.162 + 21	0.160
54	29	19	3.892	1.333 + 08	3.162 + 21	0.134
54	29	19	3.892	4.445 + 08	3.162 + 21	0.058
54	29	19	3.892	2.667 + 09	3.162 + 21	0.016
54	29	19	3.892	5.623 + 07	1.000 + 22	0.078
54	29	19	3.892	5.964 + 07	1.000 + 22	0.945
54	29	19	3.892	6.306 + 07	1.000 + 22	0.890
54	29	19	3.892	6.647 + 07	1.000 + 22	0.878
54	29	19	3.892	6.988 + 07	1.000 + 22	0.801
54	29	19	3.892	7.330 + 07	1.000 + 22	0.777
54	29	19	3.892	9.334 + 07	1.000 + 22	0.732
54	29	19	3.892	1.333 + 08	1.000 + 22	0.636
54	29	19	3.892	4.445 + 08	1.000 + 22	0.304
54	29	19	3.892	2.667 + 09	1.000 + 22	0.090
54	37	27	3.857	4.445 + 08	1.000 + 22	0.152
54	37	27	3.857	2.667 + 09	1.000 + 22	0.036
54	37	25	3.819	6.306 + 07	3.162 + 21	0.010
54	37	25	3.819	6.647 + 07	3.162 + 21	0.010
54	37	25	3.819	6.988 + 07	3.162 + 21	0.010
54	37	25	3.819	7.330 + 07	3.162 + 21	0.009
54	37	25	3.819	9.334 + 07	3.162 + 21	0.009
54	37	25	3.819	1.333 + 08	3.162 + 21	0.008
54	37	25	3.819	5.282 + 07	1.000 + 22	0.016
54	37	25	3.819	5.623 + 07	1.000 + 22	0.016
54	37	25	3.819	5.964 + 07	1.000 + 22	0.019
54	37	25	3.819	6.306 + 07	1.000 + 22	0.073
54	37	25	3.819	6.647 + 07	1.000 + 22	0.072
54	37	25	3.819	6.988 + 07	1.000 + 22	0.070
54	37	25	3.819	7.330 + 07	1.000 + 22	0.069
54	37	25	3.819	9.334 + 07	1.000 + 22	0.066
54	37	25	3.819	1.333 + 08	1.000 + 22	0.060
54	37	25	3.819	4.445 + 08	1.000 + 22	0.032
54	37	25	3.819	2.667 + 09	1.000 + 22	0.010
54	29	17	3.718	5.964 + 07	3.162 + 20	0.006
54	29	17	3.718	6.306 + 07	3.162 + 20	0.006
54	29	17	3.718	6.647 + 07	3.162 + 20	0.006
54	29	17	3.718	6.988 + 07	3.162 + 20	0.006
54	29	17	3.718	7.330 + 07	3.162 + 20	0.005
54	29	17	3.718	5.964 + 07	1.000 + 21	0.050
54	29	17	3.718	6.306 + 07	1.000 + 21	0.047
54	29	17	3.718	6.647 + 07	1.000 + 21	0.046
54	29	17	3.718	6.988 + 07	1.000 + 21	0.042
54	29	17	3.718	7.330 + 07	1.000 + 21	0.041
54	29	17	3.718	9.334 + 07	1.000 + 21	0.036
54	29	17	3.718	1.333 + 08	1.000 + 21	0.029
54	29	17	3.718	4.445 + 08	1.000 + 21	0.011
54	29	17	3.718	5.623 + 07	3.162 + 21	0.026
54	29	17	3.718	5.964 + 07	3.162 + 21	0.298
54	29	17	3.718	6.306 + 07	3.162 + 21	0.279
54	29	17	3.718	6.647 + 07	3.162 + 21	0.274
54	29	17	3.718	6.988 + 07	3.162 + 21	0.252
54	29	17	3.718	7.330 + 07	3.162 + 21	0.244
54	29	17	3.718	9.334 + 07	3.162 + 21	0.224
54	29	17	3.718	1.333 + 08	3.162 + 21	0.188
54	29	17	3.718	4.445 + 08	3.162 + 21	0.081
54	29	17	3.718	2.667 + 09	3.162 + 21	0.022
54	29	17	3.718	5.282 + 07	1.000 + 22	0.006
54	29	17	3.718	5.623 + 07	1.000 + 22	0.116
54	29	17	3.718	5.964 + 07	1.000 + 22	1.326
54	29	17	3.718	6.306 + 07	1.000 + 22	1.249
54	29	17	3.718	6.647 + 07	1.000 + 22	1.233
54	29	17	3.718	6.988 + 07	1.000 + 22	1.125
54	29	17	3.718	7.330 + 07	1.000 + 22	1.089

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	29	17	3.718	9.334 + 07	1.000 + 22	1.027
54	29	17	3.718	1.333 + 08	1.000 + 22	0.893
54	29	17	3.718	4.445 + 08	1.000 + 22	0.427
54	29	17	3.718	2.667 + 09	1.000 + 22	0.127
54	37	24	3.624	1.333 + 08	1.000 + 22	0.017
54	37	24	3.624	4.445 + 08	1.000 + 22	0.031
54	37	24	3.624	2.667 + 09	1.000 + 22	0.007
54	21	4	3.385	5.623 + 07	1.000 + 22	0.005
54	21	3	2.734	5.623 + 07	3.162 + 20	0.022
54	21	3	2.734	5.964 + 07	3.162 + 20	0.021
54	21	3	2.734	6.306 + 07	3.162 + 20	0.020
54	21	3	2.734	6.647 + 07	3.162 + 20	0.019
54	21	3	2.734	6.988 + 07	3.162 + 20	0.018
54	21	3	2.734	7.330 + 07	3.162 + 20	0.018
54	21	3	2.734	9.334 + 07	3.162 + 20	0.016
54	21	3	2.734	1.333 + 08	3.162 + 20	0.013
54	21	3	2.734	4.445 + 08	3.162 + 20	0.006
54	21	3	2.734	5.623 + 07	1.000 + 21	0.087
54	21	3	2.734	5.964 + 07	1.000 + 21	0.082
54	21	3	2.734	6.306 + 07	1.000 + 21	0.077
54	21	3	2.734	6.647 + 07	1.000 + 21	0.076
54	21	3	2.734	6.988 + 07	1.000 + 21	0.071
54	21	3	2.734	7.330 + 07	1.000 + 21	0.071
54	21	3	2.734	9.334 + 07	1.000 + 21	0.065
54	21	3	2.734	1.333 + 08	1.000 + 21	0.055
54	21	3	2.734	4.445 + 08	1.000 + 21	0.026
54	21	3	2.734	2.667 + 09	1.000 + 21	0.008
54	21	3	2.734	5.623 + 07	3.162 + 21	0.279
54	21	3	2.734	5.964 + 07	3.162 + 21	0.261
54	21	3	2.734	6.306 + 07	3.162 + 21	0.243
54	21	3	2.734	6.647 + 07	3.162 + 21	0.239
54	21	3	2.734	6.988 + 07	3.162 + 21	0.219
54	21	3	2.734	7.330 + 07	3.162 + 21	0.222
54	21	3	2.734	9.334 + 07	3.162 + 21	0.209
54	21	3	2.734	1.333 + 08	3.162 + 21	0.182
54	21	3	2.734	4.445 + 08	3.162 + 21	0.094
54	21	3	2.734	2.667 + 09	3.162 + 21	0.031
54	21	3	2.734	5.623 + 07	1.000 + 22	0.810
54	21	3	2.734	5.964 + 07	1.000 + 22	0.750
54	21	3	2.734	6.306 + 07	1.000 + 22	0.693
54	21	3	2.734	6.647 + 07	1.000 + 22	0.686
54	21	3	2.734	6.988 + 07	1.000 + 22	0.607
54	21	3	2.734	7.330 + 07	1.000 + 22	0.620
54	21	3	2.734	9.334 + 07	1.000 + 22	0.598
54	21	3	2.734	1.333 + 08	1.000 + 22	0.535
54	21	3	2.734	4.445 + 08	1.000 + 22	0.286
54	21	3	2.734	2.667 + 09	1.000 + 22	0.098
54	22	3	2.433	5.623 + 07	3.162 + 21	0.005
54	22	3	2.433	5.964 + 07	3.162 + 21	0.008
54	22	3	2.433	6.306 + 07	3.162 + 21	0.007
54	22	3	2.433	6.647 + 07	3.162 + 21	0.006
54	22	3	2.433	6.988 + 07	3.162 + 21	0.006
54	22	3	2.433	7.330 + 07	3.162 + 21	0.008
54	22	3	2.433	9.334 + 07	3.162 + 21	0.005
54	22	3	2.433	5.623 + 07	1.000 + 22	0.014
54	22	3	2.433	5.964 + 07	1.000 + 22	0.022
54	22	3	2.433	6.306 + 07	1.000 + 22	0.020
54	22	3	2.433	6.647 + 07	1.000 + 22	0.018
54	22	3	2.433	6.988 + 07	1.000 + 22	0.015
54	22	3	2.433	7.330 + 07	1.000 + 22	0.022
54	22	3	2.433	9.334 + 07	1.000 + 22	0.015
54	22	3	2.433	1.333 + 08	1.000 + 22	0.008
54	34	19	2.096	5.282 + 07	3.162 + 21	0.007
54	34	19	2.096	5.623 + 07	3.162 + 21	0.007
54	34	19	2.096	5.964 + 07	3.162 + 21	0.010
54	34	19	2.096	6.306 + 07	3.162 + 21	0.014
54	34	19	2.096	6.647 + 07	3.162 + 21	0.013
54	34	19	2.096	6.988 + 07	3.162 + 21	0.012
54	34	19	2.096	7.330 + 07	3.162 + 21	0.012

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	34	19	2.096	9.334 + 07	3.162 + 21	0.007
54	34	19	2.096	5.282 + 07	1.000 + 22	0.077
54	34	19	2.096	5.623 + 07	1.000 + 22	0.075
54	34	19	2.096	5.964 + 07	1.000 + 22	0.098
54	34	19	2.096	6.306 + 07	1.000 + 22	0.122
54	34	19	2.096	6.647 + 07	1.000 + 22	0.111
54	34	19	2.096	6.988 + 07	1.000 + 22	0.114
54	34	19	2.096	7.330 + 07	1.000 + 22	0.109
54	34	19	2.096	9.334 + 07	1.000 + 22	0.071
54	34	19	2.096	1.333 + 08	1.000 + 22	0.037
54	34	19	2.096	4.445 + 08	1.000 + 22	0.005
54	35	19	2.084	5.964 + 07	3.162 + 21	0.005
54	35	19	2.084	6.306 + 07	3.162 + 21	0.009
54	35	19	2.084	6.647 + 07	3.162 + 21	0.008
54	35	19	2.084	6.988 + 07	3.162 + 21	0.008
54	35	19	2.084	7.330 + 07	3.162 + 21	0.008
54	35	19	2.084	9.334 + 07	3.162 + 21	0.006
54	35	19	2.084	5.282 + 07	1.000 + 22	0.035
54	35	19	2.084	5.623 + 07	1.000 + 22	0.032
54	35	19	2.084	5.964 + 07	1.000 + 22	0.046
54	35	19	2.084	6.306 + 07	1.000 + 22	0.069
54	35	19	2.084	6.647 + 07	1.000 + 22	0.065
54	35	19	2.084	6.988 + 07	1.000 + 22	0.066
54	35	19	2.084	7.330 + 07	1.000 + 22	0.063
54	35	19	2.084	9.334 + 07	1.000 + 22	0.048
54	35	19	2.084	1.333 + 08	1.000 + 22	0.034
54	35	19	2.084	4.445 + 08	1.000 + 22	0.013
54	34	17	2.044	6.306 + 07	3.162 + 21	0.006
54	34	17	2.044	6.647 + 07	3.162 + 21	0.005
54	34	17	2.044	6.988 + 07	3.162 + 21	0.005
54	34	17	2.044	5.282 + 07	1.000 + 22	0.033
54	34	17	2.044	5.623 + 07	1.000 + 22	0.033
54	34	17	2.044	5.964 + 07	1.000 + 22	0.042
54	34	17	2.044	6.306 + 07	1.000 + 22	0.052
54	34	17	2.044	6.647 + 07	1.000 + 22	0.048
54	34	17	2.044	6.988 + 07	1.000 + 22	0.049
54	34	17	2.044	7.330 + 07	1.000 + 22	0.046
54	34	17	2.044	9.334 + 07	1.000 + 22	0.030
54	34	17	2.044	1.333 + 08	1.000 + 22	0.016
54	37	19	1.989	6.306 + 07	1.000 + 21	0.022
54	37	19	1.989	6.647 + 07	1.000 + 21	0.021
54	37	19	1.989	6.988 + 07	1.000 + 21	0.021
54	37	19	1.989	7.330 + 07	1.000 + 21	0.021
54	37	19	1.989	9.334 + 07	1.000 + 21	0.019
54	37	19	1.989	1.333 + 08	1.000 + 21	0.017
54	37	19	1.989	4.445 + 08	1.000 + 21	0.009
54	37	19	1.989	5.282 + 07	3.162 + 21	0.022
54	37	19	1.989	5.623 + 07	3.162 + 21	0.020
54	37	19	1.989	5.964 + 07	3.162 + 21	0.034
54	37	19	1.989	6.306 + 07	3.162 + 21	0.191
54	37	19	1.989	6.647 + 07	3.162 + 21	0.189
54	37	19	1.989	6.988 + 07	3.162 + 21	0.183
54	37	19	1.989	7.330 + 07	3.162 + 21	0.181
54	37	19	1.989	9.334 + 07	3.162 + 21	0.171
54	37	19	1.989	1.333 + 08	3.162 + 21	0.154
54	37	19	1.989	4.445 + 08	3.162 + 21	0.078
54	37	19	1.989	2.667 + 09	3.162 + 21	0.023
54	37	19	1.989	4.940 + 07	1.000 + 22	0.014
54	37	19	1.989	5.282 + 07	1.000 + 22	0.221
54	37	19	1.989	5.623 + 07	1.000 + 22	0.197
54	37	19	1.989	5.964 + 07	1.000 + 22	0.326
54	37	19	1.989	6.306 + 07	1.000 + 22	1.395
54	37	19	1.989	6.647 + 07	1.000 + 22	1.383
54	37	19	1.989	6.988 + 07	1.000 + 22	1.335
54	37	19	1.989	7.330 + 07	1.000 + 22	1.325
54	37	19	1.989	9.334 + 07	1.000 + 22	1.265
54	37	19	1.989	1.333 + 08	1.000 + 22	1.154
54	37	19	1.989	4.445 + 08	1.000 + 22	0.620
54	37	19	1.989	2.667 + 09	1.000 + 22	0.188

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	37	17	1.942	6.306 + 07	1.000 + 21	0.006
54	37	17	1.942	6.647 + 07	1.000 + 21	0.006
54	37	17	1.942	6.988 + 07	1.000 + 21	0.006
54	37	17	1.942	7.330 + 07	1.000 + 21	0.006
54	37	17	1.942	9.334 + 07	1.000 + 21	0.006
54	37	17	1.942	1.333 + 08	1.000 + 21	0.005
54	37	17	1.942	5.282 + 07	3.162 + 21	0.007
54	37	17	1.942	5.623 + 07	3.162 + 21	0.006
54	37	17	1.942	5.964 + 07	3.162 + 21	0.010
54	37	17	1.942	6.306 + 07	3.162 + 21	0.055
54	37	17	1.942	6.647 + 07	3.162 + 21	0.054
54	37	17	1.942	6.988 + 07	3.162 + 21	0.053
54	37	17	1.942	7.330 + 07	3.162 + 21	0.052
54	37	17	1.942	9.334 + 07	3.162 + 21	0.049
54	37	17	1.942	1.333 + 08	3.162 + 21	0.044
54	37	17	1.942	4.445 + 08	3.162 + 21	0.023
54	37	17	1.942	2.667 + 09	3.162 + 21	0.007
54	37	17	1.942	5.282 + 07	1.000 + 22	0.067
54	37	17	1.942	5.623 + 07	1.000 + 22	0.063
54	37	17	1.942	5.964 + 07	1.000 + 22	0.097
54	37	17	1.942	6.306 + 07	1.000 + 22	0.401
54	37	17	1.942	6.647 + 07	1.000 + 22	0.398
54	37	17	1.942	6.988 + 07	1.000 + 22	0.385
54	37	17	1.942	7.330 + 07	1.000 + 22	0.378
54	37	17	1.942	9.334 + 07	1.000 + 22	0.363
54	37	17	1.942	1.333 + 08	1.000 + 22	0.332
54	37	17	1.942	4.445 + 08	1.000 + 22	0.179
54	37	17	1.942	2.667 + 09	1.000 + 22	0.054
54	26	3	1.931	5.964 + 07	3.162 + 21	0.008
54	26	3	1.931	6.306 + 07	3.162 + 21	0.011
54	26	3	1.931	6.647 + 07	3.162 + 21	0.007
54	26	3	1.931	5.964 + 07	1.000 + 22	0.026
54	26	3	1.931	6.306 + 07	1.000 + 22	0.069
54	26	3	1.931	6.647 + 07	1.000 + 22	0.051
54	26	3	1.931	7.330 + 07	1.000 + 22	0.015
54	29	3	1.875	5.964 + 07	3.162 + 20	0.023
54	29	3	1.875	6.306 + 07	3.162 + 20	0.022
54	29	3	1.875	6.647 + 07	3.162 + 20	0.021
54	29	3	1.875	6.988 + 07	3.162 + 20	0.020
54	29	3	1.875	7.330 + 07	3.162 + 20	0.019
54	29	3	1.875	9.334 + 07	3.162 + 20	0.017
54	29	3	1.875	1.333 + 08	3.162 + 20	0.013
54	29	3	1.875	5.623 + 07	1.000 + 21	0.006
54	29	3	1.875	5.964 + 07	1.000 + 21	0.179
54	29	3	1.875	6.306 + 07	1.000 + 21	0.168
54	29	3	1.875	6.647 + 07	1.000 + 21	0.164
54	29	3	1.875	6.988 + 07	1.000 + 21	0.150
54	29	3	1.875	7.330 + 07	1.000 + 21	0.145
54	29	3	1.875	9.334 + 07	1.000 + 21	0.130
54	29	3	1.875	1.333 + 08	1.000 + 21	0.105
54	29	3	1.875	4.445 + 08	1.000 + 21	0.041
54	29	3	1.875	2.667 + 09	1.000 + 21	0.011
54	29	3	1.875	5.623 + 07	3.162 + 21	0.012
54	29	3	1.875	5.964 + 07	3.162 + 21	1.049
54	29	3	1.875	6.306 + 07	3.162 + 21	0.973
54	29	3	1.875	6.647 + 07	3.162 + 21	0.960
54	29	3	1.875	6.988 + 07	3.162 + 21	0.858
54	29	3	1.875	7.330 + 07	3.162 + 21	0.834
54	29	3	1.875	9.334 + 07	3.162 + 21	0.781
54	29	3	1.875	1.333 + 08	3.162 + 21	0.664
54	29	3	1.875	4.445 + 08	3.162 + 21	0.290
54	29	3	1.875	2.667 + 09	3.162 + 21	0.079
54	29	3	1.875	5.964 + 07	1.000 + 22	4.314
54	29	3	1.875	6.306 + 07	1.000 + 22	4.000
54	29	3	1.875	6.647 + 07	1.000 + 22	3.986
54	29	3	1.875	6.988 + 07	1.000 + 22	3.427
54	29	3	1.875	7.330 + 07	1.000 + 22	3.352
54	29	3	1.875	9.334 + 07	1.000 + 22	3.302
54	29	3	1.875	1.333 + 08	1.000 + 22	2.978

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
54	29	3	1.875	4.445 + 08	1.000 + 22	1.467
54	29	3	1.875	2.667 + 09	1.000 + 22	0.434
54	65	25	0.951	7.330 + 07	3.162 + 21	0.006
54	65	25	0.951	9.334 + 07	3.162 + 21	0.006
54	65	25	0.951	7.330 + 07	1.000 + 22	0.034
54	65	25	0.951	9.334 + 07	1.000 + 22	0.030
54	65	25	0.951	1.333 + 08	1.000 + 22	0.024
54	65	25	0.951	4.445 + 08	1.000 + 22	0.008
54	45	19	0.947	6.988 + 07	3.162 + 21	0.010
54	45	19	0.947	7.330 + 07	3.162 + 21	0.010
54	45	19	0.947	9.334 + 07	3.162 + 21	0.009
54	45	19	0.947	1.333 + 08	3.162 + 21	0.007
54	45	19	0.947	6.988 + 07	1.000 + 22	0.051
54	45	19	0.947	7.330 + 07	1.000 + 22	0.049
54	45	19	0.947	9.334 + 07	1.000 + 22	0.045
54	45	19	0.947	1.333 + 08	1.000 + 22	0.037
54	45	19	0.947	4.445 + 08	1.000 + 22	0.015
54	45	17	0.936	6.988 + 07	1.000 + 22	0.009
54	45	17	0.936	7.330 + 07	1.000 + 22	0.008
54	45	17	0.936	9.334 + 07	1.000 + 22	0.008
54	45	17	0.936	1.333 + 08	1.000 + 22	0.006
54	65	19	0.774	7.330 + 07	1.000 + 22	0.012
54	65	19	0.774	9.334 + 07	1.000 + 22	0.011
54	65	19	0.774	1.333 + 08	1.000 + 22	0.008
54	65	17	0.766	7.330 + 07	3.162 + 21	0.010
54	65	17	0.766	9.334 + 07	3.162 + 21	0.009
54	65	17	0.766	1.333 + 08	3.162 + 21	0.007
54	65	17	0.766	7.330 + 07	1.000 + 22	0.043
54	65	17	0.766	9.334 + 07	1.000 + 22	0.041
54	65	17	0.766	1.333 + 08	1.000 + 22	0.033
54	65	17	0.766	4.445 + 08	1.000 + 22	0.009
74	4	3	8.834	1.030 + 08	3.162 + 20	0.011
74	4	3	8.834	1.091 + 08	3.162 + 20	0.024
74	4	3	8.834	1.152 + 08	3.162 + 20	0.025
74	4	3	8.834	1.213 + 08	3.162 + 20	0.026
74	4	3	8.834	1.275 + 08	3.162 + 20	0.031
74	4	3	8.834	1.336 + 08	3.162 + 20	0.028
74	4	3	8.834	1.397 + 08	3.162 + 20	0.036
74	4	3	8.834	1.897 + 08	3.162 + 20	0.020
74	4	3	8.834	2.710 + 08	3.162 + 20	0.011
74	4	3	8.834	9.682 + 07	1.000 + 21	0.008
74	4	3	8.834	1.030 + 08	1.000 + 21	0.064
74	4	3	8.834	1.091 + 08	1.000 + 21	0.144
74	4	3	8.834	1.152 + 08	1.000 + 21	0.143
74	4	3	8.834	1.213 + 08	1.000 + 21	0.152
74	4	3	8.834	1.275 + 08	1.000 + 21	0.178
74	4	3	8.834	1.336 + 08	1.000 + 21	0.166
74	4	3	8.834	1.397 + 08	1.000 + 21	0.210
74	4	3	8.834	1.897 + 08	1.000 + 21	0.122
74	4	3	8.834	2.710 + 08	1.000 + 21	0.068
74	4	3	8.834	9.032 + 08	1.000 + 21	0.019
74	4	3	8.834	5.419 + 09	1.000 + 21	0.007
74	4	3	8.834	9.682 + 07	3.162 + 21	0.037
74	4	3	8.834	1.030 + 08	3.162 + 21	0.281
74	4	3	8.834	1.091 + 08	3.162 + 21	0.621
74	4	3	8.834	1.152 + 08	3.162 + 21	0.598
74	4	3	8.834	1.213 + 08	3.162 + 21	0.634
74	4	3	8.834	1.275 + 08	3.162 + 21	0.751
74	4	3	8.834	1.336 + 08	3.162 + 21	0.703
74	4	3	8.834	1.397 + 08	3.162 + 21	0.888
74	4	3	8.834	1.897 + 08	3.162 + 21	0.533
74	4	3	8.834	2.710 + 08	3.162 + 21	0.306
74	4	3	8.834	9.032 + 08	3.162 + 21	0.094
74	4	3	8.834	5.419 + 09	3.162 + 21	0.036
74	4	3	8.834	9.682 + 07	1.000 + 22	0.135
74	4	3	8.834	1.030 + 08	1.000 + 22	1.056
74	4	3	8.834	1.091 + 08	1.000 + 22	2.248
74	4	3	8.834	1.152 + 08	1.000 + 22	2.121
74	4	3	8.834	1.213 + 08	1.000 + 22	2.234

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	4	3	8.834	1.275 + 08	1.000 + 22	2.645
74	4	3	8.834	1.336 + 08	1.000 + 22	2.490
74	4	3	8.834	1.397 + 08	1.000 + 22	3.113
74	4	3	8.834	1.897 + 08	1.000 + 22	1.941
74	4	3	8.834	2.710 + 08	1.000 + 22	1.165
74	4	3	8.834	9.032 + 08	1.000 + 22	0.392
74	4	3	8.834	5.419 + 09	1.000 + 22	0.153
74	20	19	8.756	1.152 + 08	3.162 + 20	0.017
74	20	19	8.756	1.213 + 08	3.162 + 20	0.040
74	20	19	8.756	1.275 + 08	3.162 + 20	0.037
74	20	19	8.756	1.336 + 08	3.162 + 20	0.033
74	20	19	8.756	1.397 + 08	3.162 + 20	0.030
74	20	19	8.756	1.897 + 08	3.162 + 20	0.015
74	20	19	8.756	2.710 + 08	3.162 + 20	0.006
74	20	19	8.756	1.152 + 08	1.000 + 21	0.108
74	20	19	8.756	1.213 + 08	1.000 + 21	0.248
74	20	19	8.756	1.275 + 08	1.000 + 21	0.230
74	20	19	8.756	1.336 + 08	1.000 + 21	0.209
74	20	19	8.756	1.397 + 08	1.000 + 21	0.190
74	20	19	8.756	1.897 + 08	1.000 + 21	0.099
74	20	19	8.756	2.710 + 08	1.000 + 21	0.044
74	20	19	8.756	1.030 + 08	3.162 + 21	0.012
74	20	19	8.756	1.091 + 08	3.162 + 21	0.027
74	20	19	8.756	1.152 + 08	3.162 + 21	0.479
74	20	19	8.756	1.213 + 08	3.162 + 21	1.086
74	20	19	8.756	1.275 + 08	3.162 + 21	1.019
74	20	19	8.756	1.336 + 08	3.162 + 21	0.932
74	20	19	8.756	1.397 + 08	3.162 + 21	0.847
74	20	19	8.756	1.897 + 08	3.162 + 21	0.460
74	20	19	8.756	2.710 + 08	3.162 + 21	0.211
74	20	19	8.756	9.032 + 08	3.162 + 21	0.015
74	20	19	8.756	9.682 + 07	1.000 + 22	0.010
74	20	19	8.756	1.030 + 08	1.000 + 22	0.068
74	20	19	8.756	1.091 + 08	1.000 + 22	0.157
74	20	19	8.756	1.152 + 08	1.000 + 22	1.632
74	20	19	8.756	1.213 + 08	1.000 + 22	3.579
74	20	19	8.756	1.275 + 08	1.000 + 22	3.397
74	20	19	8.756	1.336 + 08	1.000 + 22	3.122
74	20	19	8.756	1.397 + 08	1.000 + 22	2.834
74	20	19	8.756	1.897 + 08	1.000 + 22	1.596
74	20	19	8.756	2.710 + 08	1.000 + 22	0.763
74	20	19	8.756	9.032 + 08	1.000 + 22	0.069
74	20	19	8.756	5.419 + 09	1.000 + 22	0.016
74	5	3	8.722	1.030 + 08	3.162 + 20	0.006
74	5	3	8.722	1.091 + 08	3.162 + 20	0.012
74	5	3	8.722	1.152 + 08	3.162 + 20	0.012
74	5	3	8.722	1.213 + 08	3.162 + 20	0.012
74	5	3	8.722	1.275 + 08	3.162 + 20	0.015
74	5	3	8.722	1.336 + 08	3.162 + 20	0.014
74	5	3	8.722	1.397 + 08	3.162 + 20	0.017
74	5	3	8.722	1.897 + 08	3.162 + 20	0.010
74	5	3	8.722	2.710 + 08	3.162 + 20	0.006
74	5	3	8.722	9.682 + 07	1.000 + 21	0.006
74	5	3	8.722	1.030 + 08	1.000 + 21	0.057
74	5	3	8.722	1.091 + 08	1.000 + 21	0.125
74	5	3	8.722	1.152 + 08	1.000 + 21	0.117
74	5	3	8.722	1.213 + 08	1.000 + 21	0.121
74	5	3	8.722	1.275 + 08	1.000 + 21	0.154
74	5	3	8.722	1.336 + 08	1.000 + 21	0.144
74	5	3	8.722	1.397 + 08	1.000 + 21	0.170
74	5	3	8.722	1.897 + 08	1.000 + 21	0.105
74	5	3	8.722	2.710 + 08	1.000 + 21	0.066
74	5	3	8.722	9.032 + 08	1.000 + 21	0.023
74	5	3	8.722	5.419 + 09	1.000 + 21	0.009
74	5	3	8.722	9.682 + 07	3.162 + 21	0.051
74	5	3	8.722	1.030 + 08	3.162 + 21	0.511
74	5	3	8.722	1.091 + 08	3.162 + 21	1.097
74	5	3	8.722	1.152 + 08	3.162 + 21	1.023
74	5	3	8.722	1.213 + 08	3.162 + 21	1.045

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	5	3	8.722	1.275 + 08	3.162 + 21	1.321
74	5	3	8.722	1.336 + 08	3.162 + 21	1.242
74	5	3	8.722	1.397 + 08	3.162 + 21	1.469
74	5	3	8.722	1.897 + 08	3.162 + 21	0.928
74	5	3	8.722	2.710 + 08	3.162 + 21	0.588
74	5	3	8.722	9.032 + 08	3.162 + 21	0.217
74	5	3	8.722	5.419 + 09	3.162 + 21	0.085
74	5	3	8.722	9.682 + 07	1.000 + 22	0.353
74	5	3	8.722	1.030 + 08	1.000 + 22	3.523
74	5	3	8.722	1.091 + 08	1.000 + 22	7.356
74	5	3	8.722	1.152 + 08	1.000 + 22	6.850
74	5	3	8.722	1.213 + 08	1.000 + 22	6.970
74	5	3	8.722	1.275 + 08	1.000 + 22	8.675
74	5	3	8.722	1.336 + 08	1.000 + 22	8.215
74	5	3	8.722	1.397 + 08	1.000 + 22	9.690
74	5	3	8.722	1.897 + 08	1.000 + 22	6.377
74	5	3	8.722	2.710 + 08	1.000 + 22	4.202
74	5	3	8.722	9.032 + 08	1.000 + 22	1.672
74	5	3	8.722	5.419 + 09	1.000 + 22	0.655
74	20	18	8.546	1.213 + 08	1.000 + 21	0.013
74	20	18	8.546	1.152 + 08	3.162 + 21	0.047
74	20	18	8.546	1.213 + 08	3.162 + 21	0.121
74	20	18	8.546	1.275 + 08	3.162 + 21	0.048
74	20	18	8.546	1.336 + 08	3.162 + 21	0.043
74	20	18	8.546	1.397 + 08	3.162 + 21	0.032
74	20	18	8.546	1.897 + 08	3.162 + 21	0.014
74	20	18	8.546	1.152 + 08	1.000 + 22	0.199
74	20	18	8.546	1.213 + 08	1.000 + 22	0.436
74	20	18	8.546	1.275 + 08	1.000 + 22	0.179
74	20	18	8.546	1.336 + 08	1.000 + 22	0.163
74	20	18	8.546	1.397 + 08	1.000 + 22	0.128
74	20	18	8.546	1.897 + 08	1.000 + 22	0.071
74	20	18	8.546	2.710 + 08	1.000 + 22	0.033
74	12	8	7.933	1.091 + 08	1.000 + 22	0.024
74	12	8	7.933	1.152 + 08	1.000 + 22	0.023
74	12	8	7.933	1.213 + 08	1.000 + 22	0.017
74	12	8	7.933	1.275 + 08	1.000 + 22	0.042
74	12	8	7.933	1.336 + 08	1.000 + 22	0.036
74	12	8	7.933	1.397 + 08	1.000 + 22	0.018
74	12	8	7.933	1.897 + 08	1.000 + 22	0.022
74	12	8	7.933	2.710 + 08	1.000 + 22	0.022
74	12	8	7.933	9.032 + 08	1.000 + 22	0.012
74	28	25	7.912	1.152 + 08	1.000 + 22	0.007
74	28	25	7.912	1.213 + 08	1.000 + 22	0.030
74	28	25	7.912	1.275 + 08	1.000 + 22	0.022
74	28	25	7.912	1.336 + 08	1.000 + 22	0.020
74	28	25	7.912	1.397 + 08	1.000 + 22	0.018
74	28	25	7.912	1.897 + 08	1.000 + 22	0.009
74	34	33	7.857	1.275 + 08	1.000 + 22	0.011
74	34	33	7.857	1.336 + 08	1.000 + 22	0.009
74	34	33	7.857	1.397 + 08	1.000 + 22	0.009
74	10	7	7.844	1.091 + 08	3.162 + 21	0.023
74	10	7	7.844	1.152 + 08	3.162 + 21	0.021
74	10	7	7.844	1.213 + 08	3.162 + 21	0.021
74	10	7	7.844	1.275 + 08	3.162 + 21	0.021
74	10	7	7.844	1.336 + 08	3.162 + 21	0.018
74	10	7	7.844	1.397 + 08	3.162 + 21	0.017
74	10	7	7.844	1.897 + 08	3.162 + 21	0.007
74	10	7	7.844	9.682 + 07	1.000 + 22	0.006
74	10	7	7.844	1.091 + 08	1.000 + 22	0.187
74	10	7	7.844	1.152 + 08	1.000 + 22	0.171
74	10	7	7.844	1.213 + 08	1.000 + 22	0.166
74	10	7	7.844	1.275 + 08	1.000 + 22	0.168
74	10	7	7.844	1.336 + 08	1.000 + 22	0.150
74	10	7	7.844	1.397 + 08	1.000 + 22	0.148
74	10	7	7.844	1.897 + 08	1.000 + 22	0.068
74	10	7	7.844	2.710 + 08	1.000 + 22	0.019
74	13	8	7.545	1.091 + 08	1.000 + 22	0.069
74	13	8	7.545	1.152 + 08	1.000 + 22	0.061

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	13	8	7.545	1.213 + 08	1.000 + 22	0.053
74	13	8	7.545	1.275 + 08	1.000 + 22	0.069
74	13	8	7.545	1.336 + 08	1.000 + 22	0.052
74	13	8	7.545	1.397 + 08	1.000 + 22	0.039
74	28	24	7.532	1.152 + 08	3.162 + 21	0.009
74	28	24	7.532	1.213 + 08	3.162 + 21	0.034
74	28	24	7.532	1.275 + 08	3.162 + 21	0.021
74	28	24	7.532	1.336 + 08	3.162 + 21	0.018
74	28	24	7.532	1.397 + 08	3.162 + 21	0.016
74	28	24	7.532	1.152 + 08	1.000 + 22	0.073
74	28	24	7.532	1.213 + 08	1.000 + 22	0.266
74	28	24	7.532	1.275 + 08	1.000 + 22	0.169
74	28	24	7.532	1.336 + 08	1.000 + 22	0.147
74	28	24	7.532	1.397 + 08	1.000 + 22	0.126
74	28	24	7.532	1.897 + 08	1.000 + 22	0.036
74	35	32	7.323	1.275 + 08	1.000 + 22	0.019
74	35	32	7.323	1.336 + 08	1.000 + 22	0.019
74	35	32	7.323	1.397 + 08	1.000 + 22	0.017
74	35	32	7.323	1.897 + 08	1.000 + 22	0.020
74	35	32	7.323	2.710 + 08	1.000 + 22	0.020
74	35	32	7.323	9.032 + 08	1.000 + 22	0.011
74	12	6	7.318	9.032 + 08	1.000 + 22	0.029
74	12	6	7.318	5.419 + 09	1.000 + 22	0.012
74	13	7	7.003	9.682 + 07	1.000 + 22	0.005
74	13	7	7.003	1.091 + 08	1.000 + 22	0.049
74	13	7	7.003	1.152 + 08	1.000 + 22	0.048
74	13	7	7.003	1.213 + 08	1.000 + 22	0.054
74	13	7	7.003	1.275 + 08	1.000 + 22	0.086
74	13	7	7.003	1.336 + 08	1.000 + 22	0.074
74	13	7	7.003	1.397 + 08	1.000 + 22	0.051
74	13	7	7.003	1.897 + 08	1.000 + 22	0.018
74	21	19	6.490	1.152 + 08	1.000 + 20	0.007
74	21	19	6.490	1.213 + 08	1.000 + 20	0.006
74	21	19	6.490	1.275 + 08	1.000 + 20	0.006
74	21	19	6.490	1.336 + 08	1.000 + 20	0.006
74	21	19	6.490	1.397 + 08	1.000 + 20	0.006
74	21	19	6.490	1.152 + 08	3.162 + 20	0.061
74	21	19	6.490	1.213 + 08	3.162 + 20	0.058
74	21	19	6.490	1.275 + 08	3.162 + 20	0.056
74	21	19	6.490	1.336 + 08	3.162 + 20	0.054
74	21	19	6.490	1.397 + 08	3.162 + 20	0.051
74	21	19	6.490	1.897 + 08	3.162 + 20	0.041
74	21	19	6.490	2.710 + 08	3.162 + 20	0.030
74	21	19	6.490	9.032 + 08	3.162 + 20	0.011
74	21	19	6.490	1.152 + 08	1.000 + 21	0.468
74	21	19	6.490	1.213 + 08	1.000 + 21	0.451
74	21	19	6.490	1.275 + 08	1.000 + 21	0.430
74	21	19	6.490	1.336 + 08	1.000 + 21	0.416
74	21	19	6.490	1.397 + 08	1.000 + 21	0.398
74	21	19	6.490	1.897 + 08	1.000 + 21	0.321
74	21	19	6.490	2.710 + 08	1.000 + 21	0.246
74	21	19	6.490	9.032 + 08	1.000 + 21	0.095
74	21	19	6.490	5.419 + 09	1.000 + 21	0.029
74	21	19	6.490	1.152 + 08	3.162 + 21	2.718
74	21	19	6.490	1.213 + 08	3.162 + 21	2.621
74	21	19	6.490	1.275 + 08	3.162 + 21	2.486
74	21	19	6.490	1.336 + 08	3.162 + 21	2.416
74	21	19	6.490	1.397 + 08	3.162 + 21	2.309
74	21	19	6.490	1.897 + 08	3.162 + 21	1.927
74	21	19	6.490	2.710 + 08	3.162 + 21	1.527
74	21	19	6.490	9.032 + 08	3.162 + 21	0.637
74	21	19	6.490	5.419 + 09	3.162 + 21	0.192
74	21	19	6.490	1.030 + 08	1.000 + 22	0.008
74	21	19	6.490	1.091 + 08	1.000 + 22	0.016
74	21	19	6.490	1.152 + 08	1.000 + 22	11.363
74	21	19	6.490	1.213 + 08	1.000 + 22	10.927
74	21	19	6.490	1.275 + 08	1.000 + 22	10.249
74	21	19	6.490	1.336 + 08	1.000 + 22	10.011
74	21	19	6.490	1.397 + 08	1.000 + 22	9.497

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	21	19	6.490	1.897 + 08	1.000 + 22	8.231
74	21	19	6.490	2.710 + 08	1.000 + 22	6.762
74	21	19	6.490	9.032 + 08	1.000 + 22	3.069
74	21	19	6.490	5.419 + 09	1.000 + 22	0.930
74	43	39	5.773	1.397 + 08	1.000 + 22	0.031
74	43	39	5.773	1.897 + 08	1.000 + 22	0.009
74	44	39	5.656	1.091 + 08	1.000 + 22	0.008
74	44	39	5.656	1.152 + 08	1.000 + 22	0.007
74	44	39	5.656	1.213 + 08	1.000 + 22	0.008
74	44	39	5.656	1.275 + 08	1.000 + 22	0.010
74	44	39	5.656	1.336 + 08	1.000 + 22	0.009
74	44	39	5.656	1.397 + 08	1.000 + 22	0.021
74	44	39	5.656	1.897 + 08	1.000 + 22	0.008
74	28	22	5.654	1.213 + 08	1.000 + 22	0.010
74	28	22	5.654	1.275 + 08	1.000 + 22	0.009
74	28	22	5.654	1.336 + 08	1.000 + 22	0.008
74	28	22	5.654	1.397 + 08	1.000 + 22	0.007
74	45	39	5.203	1.397 + 08	1.000 + 21	0.006
74	45	39	5.203	1.397 + 08	3.162 + 21	0.056
74	45	39	5.203	1.897 + 08	3.162 + 21	0.046
74	45	39	5.203	2.710 + 08	3.162 + 21	0.035
74	45	39	5.203	9.032 + 08	3.162 + 21	0.013
74	45	39	5.203	1.091 + 08	1.000 + 22	0.025
74	45	39	5.203	1.152 + 08	1.000 + 22	0.024
74	45	39	5.203	1.213 + 08	1.000 + 22	0.022
74	45	39	5.203	1.275 + 08	1.000 + 22	0.020
74	45	39	5.203	1.336 + 08	1.000 + 22	0.019
74	45	39	5.203	1.397 + 08	1.000 + 22	0.489
74	45	39	5.203	1.897 + 08	1.000 + 22	0.408
74	45	39	5.203	2.710 + 08	1.000 + 22	0.318
74	45	39	5.203	9.032 + 08	1.000 + 22	0.121
74	45	39	5.203	5.419 + 09	1.000 + 22	0.035
74	30	25	5.029	1.275 + 08	3.162 + 20	0.009
74	30	25	5.029	1.336 + 08	3.162 + 20	0.008
74	30	25	5.029	1.397 + 08	3.162 + 20	0.007
74	30	25	5.029	1.213 + 08	1.000 + 21	0.025
74	30	25	5.029	1.275 + 08	1.000 + 21	0.077
74	30	25	5.029	1.336 + 08	1.000 + 21	0.069
74	30	25	5.029	1.397 + 08	1.000 + 21	0.062
74	30	25	5.029	1.897 + 08	1.000 + 21	0.030
74	30	25	5.029	2.710 + 08	1.000 + 21	0.012
74	30	25	5.029	1.213 + 08	3.162 + 21	0.179
74	30	25	5.029	1.275 + 08	3.162 + 21	0.546
74	30	25	5.029	1.336 + 08	3.162 + 21	0.494
74	30	25	5.029	1.397 + 08	3.162 + 21	0.440
74	30	25	5.029	1.897 + 08	3.162 + 21	0.222
74	30	25	5.029	2.710 + 08	3.162 + 21	0.093
74	30	25	5.029	1.030 + 08	1.000 + 22	0.007
74	30	25	5.029	1.091 + 08	1.000 + 22	0.044
74	30	25	5.029	1.152 + 08	1.000 + 22	0.017
74	30	25	5.029	1.213 + 08	1.000 + 22	0.921
74	30	25	5.029	1.275 + 08	1.000 + 22	2.778
74	30	25	5.029	1.336 + 08	1.000 + 22	2.534
74	30	25	5.029	1.397 + 08	1.000 + 22	2.250
74	30	25	5.029	1.897 + 08	1.000 + 22	1.194
74	30	25	5.029	2.710 + 08	1.000 + 22	0.531
74	30	25	5.029	9.032 + 08	1.000 + 22	0.035
74	30	25	5.029	5.419 + 09	1.000 + 22	0.006
74	15	8	5.028	1.091 + 08	3.162 + 20	0.005
74	15	8	5.028	1.275 + 08	3.162 + 20	0.006
74	15	8	5.028	1.336 + 08	3.162 + 20	0.006
74	15	8	5.028	1.397 + 08	3.162 + 20	0.006
74	15	8	5.028	1.091 + 08	1.000 + 21	0.045
74	15	8	5.028	1.152 + 08	1.000 + 21	0.040
74	15	8	5.028	1.213 + 08	1.000 + 21	0.034
74	15	8	5.028	1.275 + 08	1.000 + 21	0.049
74	15	8	5.028	1.336 + 08	1.000 + 21	0.050
74	15	8	5.028	1.397 + 08	1.000 + 21	0.050
74	15	8	5.028	1.897 + 08	1.000 + 21	0.035

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	15	8	5.028	2.710 + 08	1.000 + 21	0.026
74	15	8	5.028	9.032 + 08	1.000 + 21	0.012
74	15	8	5.028	1.091 + 08	3.162 + 21	0.310
74	15	8	5.028	1.152 + 08	3.162 + 21	0.271
74	15	8	5.028	1.213 + 08	3.162 + 21	0.231
74	15	8	5.028	1.275 + 08	3.162 + 21	0.331
74	15	8	5.028	1.336 + 08	3.162 + 21	0.340
74	15	8	5.028	1.397 + 08	3.162 + 21	0.344
74	15	8	5.028	1.897 + 08	3.162 + 21	0.249
74	15	8	5.028	2.710 + 08	3.162 + 21	0.187
74	15	8	5.028	9.032 + 08	3.162 + 21	0.091
74	15	8	5.028	5.419 + 09	3.162 + 21	0.034
74	15	8	5.028	1.091 + 08	1.000 + 22	1.462
74	15	8	5.028	1.152 + 08	1.000 + 22	1.278
74	15	8	5.028	1.213 + 08	1.000 + 22	1.071
74	15	8	5.028	1.275 + 08	1.000 + 22	1.507
74	15	8	5.028	1.336 + 08	1.000 + 22	1.561
74	15	8	5.028	1.397 + 08	1.000 + 22	1.584
74	15	8	5.028	1.897 + 08	1.000 + 22	1.210
74	15	8	5.028	2.710 + 08	1.000 + 22	0.958
74	15	8	5.028	9.032 + 08	1.000 + 22	0.522
74	15	8	5.028	5.419 + 09	1.000 + 22	0.198
74	36	32	4.942	1.275 + 08	3.162 + 21	0.010
74	36	32	4.942	1.336 + 08	3.162 + 21	0.010
74	36	32	4.942	1.397 + 08	3.162 + 21	0.009
74	36	32	4.942	1.091 + 08	1.000 + 22	0.024
74	36	32	4.942	1.152 + 08	1.000 + 22	0.019
74	36	32	4.942	1.213 + 08	1.000 + 22	0.009
74	36	32	4.942	1.275 + 08	1.000 + 22	0.096
74	36	32	4.942	1.336 + 08	1.000 + 22	0.095
74	36	32	4.942	1.397 + 08	1.000 + 22	0.084
74	36	32	4.942	1.897 + 08	1.000 + 22	0.043
74	36	32	4.942	2.710 + 08	1.000 + 22	0.019
74	14	6	4.908	1.091 + 08	3.162 + 20	0.029
74	14	6	4.908	1.152 + 08	3.162 + 20	0.025
74	14	6	4.908	1.213 + 08	3.162 + 20	0.021
74	14	6	4.908	1.275 + 08	3.162 + 20	0.028
74	14	6	4.908	1.336 + 08	3.162 + 20	0.025
74	14	6	4.908	1.397 + 08	3.162 + 20	0.022
74	14	6	4.908	1.897 + 08	3.162 + 20	0.010
74	14	6	4.908	1.091 + 08	1.000 + 21	0.221
74	14	6	4.908	1.152 + 08	1.000 + 21	0.192
74	14	6	4.908	1.213 + 08	1.000 + 21	0.158
74	14	6	4.908	1.275 + 08	1.000 + 21	0.214
74	14	6	4.908	1.336 + 08	1.000 + 21	0.195
74	14	6	4.908	1.397 + 08	1.000 + 21	0.168
74	14	6	4.908	1.897 + 08	1.000 + 21	0.073
74	14	6	4.908	2.710 + 08	1.000 + 21	0.022
74	14	6	4.908	1.091 + 08	3.162 + 21	1.310
74	14	6	4.908	1.152 + 08	3.162 + 21	1.143
74	14	6	4.908	1.213 + 08	3.162 + 21	0.950
74	14	6	4.908	1.275 + 08	3.162 + 21	1.289
74	14	6	4.908	1.336 + 08	3.162 + 21	1.186
74	14	6	4.908	1.397 + 08	3.162 + 21	1.017
74	14	6	4.908	1.897 + 08	3.162 + 21	0.467
74	14	6	4.908	2.710 + 08	3.162 + 21	0.155
74	14	6	4.908	1.091 + 08	1.000 + 22	5.610
74	14	6	4.908	1.152 + 08	1.000 + 22	4.931
74	14	6	4.908	1.213 + 08	1.000 + 22	4.156
74	14	6	4.908	1.275 + 08	1.000 + 22	5.606
74	14	6	4.908	1.336 + 08	1.000 + 22	5.217
74	14	6	4.908	1.397 + 08	1.000 + 22	4.502
74	14	6	4.908	1.897 + 08	1.000 + 22	2.225
74	14	6	4.908	2.710 + 08	1.000 + 22	0.827
74	30	24	4.873	1.275 + 08	1.000 + 21	0.009
74	30	24	4.873	1.336 + 08	1.000 + 21	0.008
74	30	24	4.873	1.397 + 08	1.000 + 21	0.007
74	30	24	4.873	1.213 + 08	3.162 + 21	0.020
74	30	24	4.873	1.275 + 08	3.162 + 21	0.066

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	30	24	4.873	1.336 + 08	3.162 + 21	0.059
74	30	24	4.873	1.397 + 08	3.162 + 21	0.052
74	30	24	4.873	1.897 + 08	3.162 + 21	0.024
74	30	24	4.873	2.710 + 08	3.162 + 21	0.008
74	30	24	4.873	1.091 + 08	1.000 + 22	0.011
74	30	24	4.873	1.213 + 08	1.000 + 22	0.089
74	30	24	4.873	1.275 + 08	1.000 + 22	0.321
74	30	24	4.873	1.336 + 08	1.000 + 22	0.289
74	30	24	4.873	1.397 + 08	1.000 + 22	0.255
74	30	24	4.873	1.897 + 08	1.000 + 22	0.116
74	30	24	4.873	2.710 + 08	1.000 + 22	0.032
74	16	8	4.831	1.091 + 08	3.162 + 20	0.014
74	16	8	4.831	1.152 + 08	3.162 + 20	0.012
74	16	8	4.831	1.213 + 08	3.162 + 20	0.011
74	16	8	4.831	1.275 + 08	3.162 + 20	0.022
74	16	8	4.831	1.336 + 08	3.162 + 20	0.023
74	16	8	4.831	1.397 + 08	3.162 + 20	0.023
74	16	8	4.831	1.897 + 08	3.162 + 20	0.017
74	16	8	4.831	2.710 + 08	3.162 + 20	0.013
74	16	8	4.831	9.032 + 08	3.162 + 20	0.006
74	16	8	4.831	1.091 + 08	1.000 + 21	0.114
74	16	8	4.831	1.152 + 08	1.000 + 21	0.103
74	16	8	4.831	1.213 + 08	1.000 + 21	0.096
74	16	8	4.831	1.275 + 08	1.000 + 21	0.180
74	16	8	4.831	1.336 + 08	1.000 + 21	0.185
74	16	8	4.831	1.397 + 08	1.000 + 21	0.186
74	16	8	4.831	1.897 + 08	1.000 + 21	0.139
74	16	8	4.831	2.710 + 08	1.000 + 21	0.107
74	16	8	4.831	9.032 + 08	1.000 + 21	0.052
74	16	8	4.831	5.419 + 09	1.000 + 21	0.019
74	16	8	4.831	1.091 + 08	3.162 + 21	0.773
74	16	8	4.831	1.152 + 08	3.162 + 21	0.703
74	16	8	4.831	1.213 + 08	3.162 + 21	0.663
74	16	8	4.831	1.275 + 08	3.162 + 21	1.180
74	16	8	4.831	1.336 + 08	3.162 + 21	1.208
74	16	8	4.831	1.397 + 08	3.162 + 21	1.224
74	16	8	4.831	1.897 + 08	3.162 + 21	0.915
74	16	8	4.831	2.710 + 08	3.162 + 21	0.711
74	16	8	4.831	9.032 + 08	3.162 + 21	0.362
74	16	8	4.831	5.419 + 09	3.162 + 21	0.135
74	16	8	4.831	9.682 + 07	1.000 + 22	0.054
74	16	8	4.831	1.030 + 08	1.000 + 22	0.043
74	16	8	4.831	1.091 + 08	1.000 + 22	3.995
74	16	8	4.831	1.152 + 08	1.000 + 22	3.658
74	16	8	4.831	1.213 + 08	1.000 + 22	3.517
74	16	8	4.831	1.275 + 08	1.000 + 22	5.820
74	16	8	4.831	1.336 + 08	1.000 + 22	5.897
74	16	8	4.831	1.397 + 08	1.000 + 22	6.053
74	16	8	4.831	1.897 + 08	1.000 + 22	4.523
74	16	8	4.831	2.710 + 08	1.000 + 22	3.494
74	16	8	4.831	9.032 + 08	1.000 + 22	1.840
74	16	8	4.831	5.419 + 09	1.000 + 22	0.686
74	31	24	4.808	1.275 + 08	3.162 + 20	0.013
74	31	24	4.808	1.336 + 08	3.162 + 20	0.012
74	31	24	4.808	1.397 + 08	3.162 + 20	0.012
74	31	24	4.808	1.897 + 08	3.162 + 20	0.008
74	31	24	4.808	1.213 + 08	1.000 + 21	0.022
74	31	24	4.808	1.275 + 08	1.000 + 21	0.110
74	31	24	4.808	1.336 + 08	1.000 + 21	0.102
74	31	24	4.808	1.397 + 08	1.000 + 21	0.095
74	31	24	4.808	1.897 + 08	1.000 + 21	0.063
74	31	24	4.808	2.710 + 08	1.000 + 21	0.042
74	31	24	4.808	9.032 + 08	1.000 + 21	0.017
74	31	24	4.808	5.419 + 09	1.000 + 21	0.006
74	31	24	4.808	1.091 + 08	3.162 + 21	0.013
74	31	24	4.808	1.152 + 08	3.162 + 21	0.013
74	31	24	4.808	1.213 + 08	3.162 + 21	0.139
74	31	24	4.808	1.275 + 08	3.162 + 21	0.694
74	31	24	4.808	1.336 + 08	3.162 + 21	0.651

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	31	24	4.808	1.397 + 08	3.162 + 21	0.603
74	31	24	4.808	1.897 + 08	3.162 + 21	0.412
74	31	24	4.808	2.710 + 08	3.162 + 21	0.287
74	31	24	4.808	9.032 + 08	3.162 + 21	0.124
74	31	24	4.808	5.419 + 09	3.162 + 21	0.048
74	31	24	4.808	1.030 + 08	1.000 + 22	0.033
74	31	24	4.808	1.091 + 08	1.000 + 22	0.125
74	31	24	4.808	1.152 + 08	1.000 + 22	0.096
74	31	24	4.808	1.213 + 08	1.000 + 22	0.593
74	31	24	4.808	1.275 + 08	1.000 + 22	3.070
74	31	24	4.808	1.336 + 08	1.000 + 22	2.902
74	31	24	4.808	1.397 + 08	1.000 + 22	2.683
74	31	24	4.808	1.897 + 08	1.000 + 22	1.905
74	31	24	4.808	2.710 + 08	1.000 + 22	1.380
74	31	24	4.808	9.032 + 08	1.000 + 22	0.656
74	31	24	4.808	5.419 + 09	1.000 + 22	0.253
74	15	7	4.781	1.091 + 08	3.162 + 20	0.009
74	15	7	4.781	1.152 + 08	3.162 + 20	0.008
74	15	7	4.781	1.213 + 08	3.162 + 20	0.007
74	15	7	4.781	1.275 + 08	3.162 + 20	0.011
74	15	7	4.781	1.336 + 08	3.162 + 20	0.011
74	15	7	4.781	1.397 + 08	3.162 + 20	0.011
74	15	7	4.781	1.897 + 08	3.162 + 20	0.007
74	15	7	4.781	2.710 + 08	3.162 + 20	0.005
74	15	7	4.781	1.091 + 08	1.000 + 21	0.079
74	15	7	4.781	1.152 + 08	1.000 + 21	0.070
74	15	7	4.781	1.213 + 08	1.000 + 21	0.062
74	15	7	4.781	1.275 + 08	1.000 + 21	0.094
74	15	7	4.781	1.336 + 08	1.000 + 21	0.096
74	15	7	4.781	1.397 + 08	1.000 + 21	0.091
74	15	7	4.781	1.897 + 08	1.000 + 21	0.064
74	15	7	4.781	2.710 + 08	1.000 + 21	0.047
74	15	7	4.781	9.032 + 08	1.000 + 21	0.021
74	15	7	4.781	5.419 + 09	1.000 + 21	0.007
74	15	7	4.781	1.091 + 08	3.162 + 21	0.551
74	15	7	4.781	1.152 + 08	3.162 + 21	0.487
74	15	7	4.781	1.213 + 08	3.162 + 21	0.437
74	15	7	4.781	1.275 + 08	3.162 + 21	0.663
74	15	7	4.781	1.336 + 08	3.162 + 21	0.678
74	15	7	4.781	1.397 + 08	3.162 + 21	0.638
74	15	7	4.781	1.897 + 08	3.162 + 21	0.461
74	15	7	4.781	2.710 + 08	3.162 + 21	0.347
74	15	7	4.781	9.032 + 08	3.162 + 21	0.166
74	15	7	4.781	5.419 + 09	3.162 + 21	0.057
74	15	7	4.781	9.682 + 07	1.000 + 22	0.016
74	15	7	4.781	1.091 + 08	1.000 + 22	2.907
74	15	7	4.781	1.152 + 08	1.000 + 22	2.598
74	15	7	4.781	1.213 + 08	1.000 + 22	2.376
74	15	7	4.781	1.275 + 08	1.000 + 22	3.517
74	15	7	4.781	1.336 + 08	1.000 + 22	3.589
74	15	7	4.781	1.397 + 08	1.000 + 22	3.409
74	15	7	4.781	1.897 + 08	1.000 + 22	2.520
74	15	7	4.781	2.710 + 08	1.000 + 22	1.933
74	15	7	4.781	9.032 + 08	1.000 + 22	0.982
74	15	7	4.781	5.419 + 09	1.000 + 22	0.337
74	15	6	4.773	2.710 + 08	3.162 + 21	0.005
74	15	6	4.773	2.710 + 08	1.000 + 22	0.018
74	15	6	4.773	9.032 + 08	1.000 + 22	0.022
74	15	6	4.773	5.419 + 09	1.000 + 22	0.008
74	37	33	4.762	1.275 + 08	3.162 + 21	0.024
74	37	33	4.762	1.336 + 08	3.162 + 21	0.030
74	37	33	4.762	1.397 + 08	3.162 + 21	0.029
74	37	33	4.762	1.897 + 08	3.162 + 21	0.027
74	37	33	4.762	2.710 + 08	3.162 + 21	0.024
74	37	33	4.762	9.032 + 08	3.162 + 21	0.012
74	37	33	4.762	1.091 + 08	1.000 + 22	0.018
74	37	33	4.762	1.152 + 08	1.000 + 22	0.017
74	37	33	4.762	1.213 + 08	1.000 + 22	0.018
74	37	33	4.762	1.275 + 08	1.000 + 22	0.240

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	37	33	4.762	1.336 + 08	1.000 + 22	0.287
74	37	33	4.762	1.397 + 08	1.000 + 22	0.280
74	37	33	4.762	1.897 + 08	1.000 + 22	0.261
74	37	33	4.762	2.710 + 08	1.000 + 22	0.234
74	37	33	4.762	9.032 + 08	1.000 + 22	0.121
74	37	33	4.762	5.419 + 09	1.000 + 22	0.043
74	37	32	4.653	1.275 + 08	1.000 + 22	0.011
74	37	32	4.653	1.336 + 08	1.000 + 22	0.015
74	37	32	4.653	1.397 + 08	1.000 + 22	0.014
74	37	32	4.653	1.897 + 08	1.000 + 22	0.017
74	37	32	4.653	2.710 + 08	1.000 + 22	0.017
74	37	32	4.653	9.032 + 08	1.000 + 22	0.010
74	16	6	4.595	1.275 + 08	1.000 + 21	0.018
74	16	6	4.595	1.336 + 08	1.000 + 21	0.021
74	16	6	4.595	1.397 + 08	1.000 + 21	0.016
74	16	6	4.595	1.897 + 08	1.000 + 21	0.020
74	16	6	4.595	2.710 + 08	1.000 + 21	0.021
74	16	6	4.595	9.032 + 08	1.000 + 21	0.013
74	16	6	4.595	1.275 + 08	3.162 + 21	0.049
74	16	6	4.595	1.336 + 08	3.162 + 21	0.078
74	16	6	4.595	1.397 + 08	3.162 + 21	0.033
74	16	6	4.595	1.897 + 08	3.162 + 21	0.093
74	16	6	4.595	2.710 + 08	3.162 + 21	0.122
74	16	6	4.595	9.032 + 08	3.162 + 21	0.089
74	16	6	4.595	5.419 + 09	3.162 + 21	0.034
74	16	6	4.595	1.897 + 08	1.000 + 22	0.099
74	16	6	4.595	2.710 + 08	1.000 + 22	0.409
74	16	6	4.595	9.032 + 08	1.000 + 22	0.423
74	16	6	4.595	5.419 + 09	1.000 + 22	0.162
74	30	22	4.011	1.213 + 08	1.000 + 21	0.007
74	30	22	4.011	1.275 + 08	1.000 + 21	0.020
74	30	22	4.011	1.336 + 08	1.000 + 21	0.018
74	30	22	4.011	1.397 + 08	1.000 + 21	0.016
74	30	22	4.011	1.897 + 08	1.000 + 21	0.008
74	30	22	4.011	1.213 + 08	3.162 + 21	0.054
74	30	22	4.011	1.275 + 08	3.162 + 21	0.146
74	30	22	4.011	1.336 + 08	3.162 + 21	0.132
74	30	22	4.011	1.397 + 08	3.162 + 21	0.117
74	30	22	4.011	1.897 + 08	3.162 + 21	0.059
74	30	22	4.011	2.710 + 08	3.162 + 21	0.025
74	30	22	4.011	1.091 + 08	1.000 + 22	0.009
74	30	22	4.011	1.152 + 08	1.000 + 22	0.030
74	30	22	4.011	1.213 + 08	1.000 + 22	0.326
74	30	22	4.011	1.275 + 08	1.000 + 22	0.815
74	30	22	4.011	1.336 + 08	1.000 + 22	0.743
74	30	22	4.011	1.397 + 08	1.000 + 22	0.658
74	30	22	4.011	1.897 + 08	1.000 + 22	0.348
74	30	22	4.011	2.710 + 08	1.000 + 22	0.154
74	30	22	4.011	9.032 + 08	1.000 + 22	0.010
74	35	29	2.665	1.275 + 08	1.000 + 22	0.033
74	35	29	2.665	1.336 + 08	1.000 + 22	0.032
74	35	29	2.665	1.397 + 08	1.000 + 22	0.030
74	35	29	2.665	1.897 + 08	1.000 + 22	0.025
74	35	29	2.665	2.710 + 08	1.000 + 22	0.020
74	35	29	2.665	9.032 + 08	1.000 + 22	0.009
74	23	19	2.395	1.213 + 08	3.162 + 21	0.008
74	23	19	2.395	1.275 + 08	3.162 + 21	0.007
74	23	19	2.395	1.336 + 08	3.162 + 21	0.007
74	23	19	2.395	1.397 + 08	3.162 + 21	0.007
74	23	19	2.395	1.897 + 08	3.162 + 21	0.006
74	23	19	2.395	1.213 + 08	1.000 + 22	0.070
74	23	19	2.395	1.275 + 08	1.000 + 22	0.064
74	23	19	2.395	1.336 + 08	1.000 + 22	0.063
74	23	19	2.395	1.397 + 08	1.000 + 22	0.059
74	23	19	2.395	1.897 + 08	1.000 + 22	0.051
74	23	19	2.395	2.710 + 08	1.000 + 22	0.041
74	23	19	2.395	9.032 + 08	1.000 + 22	0.016
74	7	3	2.385	1.030 + 08	1.000 + 21	0.021
74	7	3	2.385	1.091 + 08	1.000 + 21	0.035

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	7	3	2.385	1.152 + 08	1.000 + 21	0.031
74	7	3	2.385	1.213 + 08	1.000 + 21	0.028
74	7	3	2.385	1.275 + 08	1.000 + 21	0.034
74	7	3	2.385	1.336 + 08	1.000 + 21	0.033
74	7	3	2.385	1.397 + 08	1.000 + 21	0.047
74	7	3	2.385	1.897 + 08	1.000 + 21	0.028
74	7	3	2.385	2.710 + 08	1.000 + 21	0.017
74	7	3	2.385	9.032 + 08	1.000 + 21	0.006
74	7	3	2.385	9.682 + 07	3.162 + 21	0.006
74	7	3	2.385	1.030 + 08	3.162 + 21	0.190
74	7	3	2.385	1.091 + 08	3.162 + 21	0.332
74	7	3	2.385	1.152 + 08	3.162 + 21	0.294
74	7	3	2.385	1.213 + 08	3.162 + 21	0.267
74	7	3	2.385	1.275 + 08	3.162 + 21	0.324
74	7	3	2.385	1.336 + 08	3.162 + 21	0.310
74	7	3	2.385	1.397 + 08	3.162 + 21	0.430
74	7	3	2.385	1.897 + 08	3.162 + 21	0.263
74	7	3	2.385	2.710 + 08	3.162 + 21	0.162
74	7	3	2.385	9.032 + 08	3.162 + 21	0.062
74	7	3	2.385	5.419 + 09	3.162 + 21	0.029
74	7	3	2.385	9.682 + 07	1.000 + 22	0.056
74	7	3	2.385	1.030 + 08	1.000 + 22	1.437
74	7	3	2.385	1.091 + 08	1.000 + 22	2.643
74	7	3	2.385	1.152 + 08	1.000 + 22	2.368
74	7	3	2.385	1.213 + 08	1.000 + 22	2.172
74	7	3	2.385	1.275 + 08	1.000 + 22	2.621
74	7	3	2.385	1.336 + 08	1.000 + 22	2.512
74	7	3	2.385	1.397 + 08	1.000 + 22	3.359
74	7	3	2.385	1.897 + 08	1.000 + 22	2.128
74	7	3	2.385	2.710 + 08	1.000 + 22	1.354
74	7	3	2.385	9.032 + 08	1.000 + 22	0.541
74	7	3	2.385	5.419 + 09	1.000 + 22	0.246
74	24	19	2.343	1.213 + 08	1.000 + 21	0.010
74	24	19	2.343	1.275 + 08	1.000 + 21	0.018
74	24	19	2.343	1.336 + 08	1.000 + 21	0.017
74	24	19	2.343	1.397 + 08	1.000 + 21	0.015
74	24	19	2.343	1.897 + 08	1.000 + 21	0.010
74	24	19	2.343	2.710 + 08	1.000 + 21	0.006
74	24	19	2.343	1.213 + 08	3.162 + 21	0.101
74	24	19	2.343	1.275 + 08	3.162 + 21	0.166
74	24	19	2.343	1.336 + 08	3.162 + 21	0.154
74	24	19	2.343	1.397 + 08	3.162 + 21	0.141
74	24	19	2.343	1.897 + 08	3.162 + 21	0.091
74	24	19	2.343	2.710 + 08	3.162 + 21	0.059
74	24	19	2.343	9.032 + 08	3.162 + 21	0.022
74	24	19	2.343	5.419 + 09	3.162 + 21	0.008
74	24	19	2.343	1.030 + 08	1.000 + 22	0.018
74	24	19	2.343	1.091 + 08	1.000 + 22	0.058
74	24	19	2.343	1.213 + 08	1.000 + 22	0.866
74	24	19	2.343	1.275 + 08	1.000 + 22	1.379
74	24	19	2.343	1.336 + 08	1.000 + 22	1.283
74	24	19	2.343	1.397 + 08	1.000 + 22	1.171
74	24	19	2.343	1.897 + 08	1.000 + 22	0.759
74	24	19	2.343	2.710 + 08	1.000 + 22	0.496
74	24	19	2.343	9.032 + 08	1.000 + 22	0.192
74	24	19	2.343	5.419 + 09	1.000 + 22	0.071
74	8	3	2.328	1.030 + 08	1.000 + 21	0.014
74	8	3	2.328	1.091 + 08	1.000 + 21	0.029
74	8	3	2.328	1.152 + 08	1.000 + 21	0.026
74	8	3	2.328	1.213 + 08	1.000 + 21	0.026
74	8	3	2.328	1.275 + 08	1.000 + 21	0.036
74	8	3	2.328	1.336 + 08	1.000 + 21	0.034
74	8	3	2.328	1.397 + 08	1.000 + 21	0.042
74	8	3	2.328	1.897 + 08	1.000 + 21	0.025
74	8	3	2.328	2.710 + 08	1.000 + 21	0.015
74	8	3	2.328	9.032 + 08	1.000 + 21	0.006
74	8	3	2.328	9.682 + 07	3.162 + 21	0.015
74	8	3	2.328	1.030 + 08	3.162 + 21	0.146
74	8	3	2.328	1.091 + 08	3.162 + 21	0.297

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	8	3	2.328	1.152 + 08	3.162 + 21	0.270
74	8	3	2.328	1.213 + 08	3.162 + 21	0.266
74	8	3	2.328	1.275 + 08	3.162 + 21	0.356
74	8	3	2.328	1.336 + 08	3.162 + 21	0.341
74	8	3	2.328	1.397 + 08	3.162 + 21	0.417
74	8	3	2.328	1.897 + 08	3.162 + 21	0.253
74	8	3	2.328	2.710 + 08	3.162 + 21	0.155
74	8	3	2.328	9.032 + 08	3.162 + 21	0.055
74	8	3	2.328	5.419 + 09	3.162 + 21	0.022
74	8	3	2.328	9.682 + 07	1.000 + 22	0.134
74	8	3	2.328	1.030 + 08	1.000 + 22	1.340
74	8	3	2.328	1.091 + 08	1.000 + 22	2.759
74	8	3	2.328	1.152 + 08	1.000 + 22	2.521
74	8	3	2.328	1.213 + 08	1.000 + 22	2.481
74	8	3	2.328	1.275 + 08	1.000 + 22	3.215
74	8	3	2.328	1.336 + 08	1.000 + 22	3.079
74	8	3	2.328	1.397 + 08	1.000 + 22	3.720
74	8	3	2.328	1.897 + 08	1.000 + 22	2.328
74	8	3	2.328	2.710 + 08	1.000 + 22	1.457
74	8	3	2.328	9.032 + 08	1.000 + 22	0.533
74	8	3	2.328	5.419 + 09	1.000 + 22	0.210
74	25	19	2.309	1.213 + 08	3.162 + 21	0.014
74	25	19	2.309	1.275 + 08	3.162 + 21	0.023
74	25	19	2.309	1.336 + 08	3.162 + 21	0.021
74	25	19	2.309	1.397 + 08	3.162 + 21	0.019
74	25	19	2.309	1.897 + 08	3.162 + 21	0.007
74	25	19	2.309	1.030 + 08	1.000 + 22	0.015
74	25	19	2.309	1.091 + 08	1.000 + 22	0.032
74	25	19	2.309	1.213 + 08	1.000 + 22	0.117
74	25	19	2.309	1.275 + 08	1.000 + 22	0.209
74	25	19	2.309	1.336 + 08	1.000 + 22	0.185
74	25	19	2.309	1.397 + 08	1.000 + 22	0.169
74	25	19	2.309	1.897 + 08	1.000 + 22	0.064
74	34	26	2.267	1.275 + 08	1.000 + 22	0.022
74	34	26	2.267	1.336 + 08	1.000 + 22	0.019
74	34	26	2.267	1.397 + 08	1.000 + 22	0.018
74	34	26	2.267	1.897 + 08	1.000 + 22	0.007
74	35	26	2.245	1.275 + 08	3.162 + 21	0.014
74	35	26	2.245	1.336 + 08	3.162 + 21	0.014
74	35	26	2.245	1.397 + 08	3.162 + 21	0.013
74	35	26	2.245	1.897 + 08	3.162 + 21	0.011
74	35	26	2.245	2.710 + 08	3.162 + 21	0.009
74	35	26	2.245	1.091 + 08	1.000 + 22	0.015
74	35	26	2.245	1.152 + 08	1.000 + 22	0.013
74	35	26	2.245	1.275 + 08	1.000 + 22	0.144
74	35	26	2.245	1.336 + 08	1.000 + 22	0.138
74	35	26	2.245	1.397 + 08	1.000 + 22	0.133
74	35	26	2.245	1.897 + 08	1.000 + 22	0.108
74	35	26	2.245	2.710 + 08	1.000 + 22	0.087
74	35	26	2.245	9.032 + 08	1.000 + 22	0.039
74	35	26	2.245	5.419 + 09	1.000 + 22	0.012
74	9	3	2.098	1.091 + 08	3.162 + 20	0.020
74	9	3	2.098	1.152 + 08	3.162 + 20	0.019
74	9	3	2.098	1.213 + 08	3.162 + 20	0.018
74	9	3	2.098	1.275 + 08	3.162 + 20	0.017
74	9	3	2.098	1.336 + 08	3.162 + 20	0.017
74	9	3	2.098	1.397 + 08	3.162 + 20	0.017
74	9	3	2.098	1.897 + 08	3.162 + 20	0.013
74	9	3	2.098	2.710 + 08	3.162 + 20	0.010
74	9	3	2.098	1.030 + 08	1.000 + 21	0.033
74	9	3	2.098	1.091 + 08	1.000 + 21	0.191
74	9	3	2.098	1.152 + 08	1.000 + 21	0.182
74	9	3	2.098	1.213 + 08	1.000 + 21	0.173
74	9	3	2.098	1.275 + 08	1.000 + 21	0.164
74	9	3	2.098	1.336 + 08	1.000 + 21	0.158
74	9	3	2.098	1.397 + 08	1.000 + 21	0.156
74	9	3	2.098	1.897 + 08	1.000 + 21	0.124
74	9	3	2.098	2.710 + 08	1.000 + 21	0.094
74	9	3	2.098	9.032 + 08	1.000 + 21	0.035

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	9	3	2.098	5.419 + 09	1.000 + 21	0.012
74	9	3	2.098	1.030 + 08	3.162 + 21	0.287
74	9	3	2.098	1.091 + 08	3.162 + 21	1.634
74	9	3	2.098	1.152 + 08	3.162 + 21	1.558
74	9	3	2.098	1.213 + 08	3.162 + 21	1.479
74	9	3	2.098	1.275 + 08	3.162 + 21	1.396
74	9	3	2.098	1.336 + 08	3.162 + 21	1.349
74	9	3	2.098	1.397 + 08	3.162 + 21	1.323
74	9	3	2.098	1.897 + 08	3.162 + 21	1.074
74	9	3	2.098	2.710 + 08	3.162 + 21	0.826
74	9	3	2.098	9.032 + 08	3.162 + 21	0.321
74	9	3	2.098	5.419 + 09	3.162 + 21	0.104
74	9	3	2.098	1.030 + 08	1.000 + 22	2.023
74	9	3	2.098	1.091 + 08	1.000 + 22	11.239
74	9	3	2.098	1.152 + 08	1.000 + 22	10.753
74	9	3	2.098	1.213 + 08	1.000 + 22	10.182
74	9	3	2.098	1.275 + 08	1.000 + 22	9.496
74	9	3	2.098	1.336 + 08	1.000 + 22	9.223
74	9	3	2.098	1.397 + 08	1.000 + 22	8.979
74	9	3	2.098	1.897 + 08	1.000 + 22	7.553
74	9	3	2.098	2.710 + 08	1.000 + 22	5.994
74	9	3	2.098	9.032 + 08	1.000 + 22	2.480
74	9	3	2.098	5.419 + 09	1.000 + 22	0.806
74	21	17	1.644	1.152 + 08	3.162 + 21	0.006
74	21	17	1.644	1.213 + 08	3.162 + 21	0.006
74	21	17	1.644	1.275 + 08	3.162 + 21	0.006
74	21	17	1.644	1.336 + 08	3.162 + 21	0.005
74	21	17	1.644	1.397 + 08	3.162 + 21	0.005
74	21	17	1.644	1.152 + 08	1.000 + 22	0.025
74	21	17	1.644	1.213 + 08	1.000 + 22	0.024
74	21	17	1.644	1.275 + 08	1.000 + 22	0.023
74	21	17	1.644	1.336 + 08	1.000 + 22	0.022
74	21	17	1.644	1.397 + 08	1.000 + 22	0.021
74	21	17	1.644	1.897 + 08	1.000 + 22	0.018
74	21	17	1.644	2.710 + 08	1.000 + 22	0.015
74	21	17	1.644	9.032 + 08	1.000 + 22	0.007
74	21	3	0.788	1.152 + 08	3.162 + 21	0.013
74	21	3	0.788	1.213 + 08	3.162 + 21	0.013
74	21	3	0.788	1.275 + 08	3.162 + 21	0.012
74	21	3	0.788	1.336 + 08	3.162 + 21	0.012
74	21	3	0.788	1.397 + 08	3.162 + 21	0.011
74	21	3	0.788	1.897 + 08	3.162 + 21	0.009
74	21	3	0.788	2.710 + 08	3.162 + 21	0.007
74	21	3	0.788	1.152 + 08	1.000 + 22	0.055
74	21	3	0.788	1.213 + 08	1.000 + 22	0.053
74	21	3	0.788	1.275 + 08	1.000 + 22	0.050
74	21	3	0.788	1.336 + 08	1.000 + 22	0.049
74	21	3	0.788	1.397 + 08	1.000 + 22	0.046
74	21	3	0.788	1.897 + 08	1.000 + 22	0.040
74	21	3	0.788	2.710 + 08	1.000 + 22	0.033
74	21	3	0.788	9.032 + 08	1.000 + 22	0.015
74	37	17	0.672	1.275 + 08	1.000 + 22	0.019
74	37	17	0.672	1.336 + 08	1.000 + 22	0.023
74	37	17	0.672	1.397 + 08	1.000 + 22	0.023
74	37	17	0.672	1.897 + 08	1.000 + 22	0.021
74	37	17	0.672	2.710 + 08	1.000 + 22	0.019
74	37	17	0.672	9.032 + 08	1.000 + 22	0.010
74	23	3	0.653	1.213 + 08	3.162 + 21	0.021
74	23	3	0.653	1.275 + 08	3.162 + 21	0.019
74	23	3	0.653	1.336 + 08	3.162 + 21	0.019
74	23	3	0.653	1.397 + 08	3.162 + 21	0.017
74	23	3	0.653	1.897 + 08	3.162 + 21	0.014
74	23	3	0.653	2.710 + 08	3.162 + 21	0.011
74	23	3	0.653	1.213 + 08	1.000 + 22	0.189
74	23	3	0.653	1.275 + 08	1.000 + 22	0.173
74	23	3	0.653	1.336 + 08	1.000 + 22	0.168
74	23	3	0.653	1.397 + 08	1.000 + 22	0.150
74	23	3	0.653	1.897 + 08	1.000 + 22	0.128
74	23	3	0.653	2.710 + 08	1.000 + 22	0.102

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
74	23	3	0.653	$9.032 + 08$	$1.000 + 22$	0.039
74	23	3	0.653	$5.419 + 09$	$1.000 + 22$	0.011
74	45	17	0.453	$1.397 + 08$	$1.000 + 22$	0.005
92	20	19	6.249	$2.144 + 08$	$1.000 + 21$	0.008
92	20	19	6.249	$2.252 + 08$	$1.000 + 21$	0.007
92	20	19	6.249	$2.036 + 08$	$3.162 + 21$	0.035
92	20	19	6.249	$2.144 + 08$	$3.162 + 21$	0.075
92	20	19	6.249	$2.252 + 08$	$3.162 + 21$	0.067
92	20	19	6.249	$3.078 + 08$	$3.162 + 21$	0.034
92	20	19	6.249	$4.397 + 08$	$3.162 + 21$	0.014
92	20	19	6.249	$1.713 + 08$	$1.000 + 22$	0.007
92	20	19	6.249	$1.821 + 08$	$1.000 + 22$	0.006
92	20	19	6.249	$1.929 + 08$	$1.000 + 22$	0.005
92	20	19	6.249	$2.036 + 08$	$1.000 + 22$	0.269
92	20	19	6.249	$2.144 + 08$	$1.000 + 22$	0.586
92	20	19	6.249	$2.252 + 08$	$1.000 + 22$	0.523
92	20	19	6.249	$3.078 + 08$	$1.000 + 22$	0.268
92	20	19	6.249	$4.397 + 08$	$1.000 + 22$	0.117
92	20	19	6.249	$1.466 + 09$	$1.000 + 22$	0.006
92	4	3	6.195	$1.713 + 08$	$1.000 + 21$	0.009
92	4	3	6.195	$1.821 + 08$	$1.000 + 21$	0.008
92	4	3	6.195	$1.929 + 08$	$1.000 + 21$	0.007
92	4	3	6.195	$2.036 + 08$	$1.000 + 21$	0.010
92	4	3	6.195	$2.144 + 08$	$1.000 + 21$	0.010
92	4	3	6.195	$2.252 + 08$	$1.000 + 21$	0.015
92	4	3	6.195	$3.078 + 08$	$1.000 + 21$	0.009
92	4	3	6.195	$4.397 + 08$	$1.000 + 21$	0.005
92	4	3	6.195	$1.497 + 08$	$3.162 + 21$	0.005
92	4	3	6.195	$1.605 + 08$	$3.162 + 21$	0.023
92	4	3	6.195	$1.713 + 08$	$3.162 + 21$	0.087
92	4	3	6.195	$1.821 + 08$	$3.162 + 21$	0.078
92	4	3	6.195	$1.929 + 08$	$3.162 + 21$	0.069
92	4	3	6.195	$2.036 + 08$	$3.162 + 21$	0.092
92	4	3	6.195	$2.144 + 08$	$3.162 + 21$	0.092
92	4	3	6.195	$2.252 + 08$	$3.162 + 21$	0.142
92	4	3	6.195	$3.078 + 08$	$3.162 + 21$	0.084
92	4	3	6.195	$4.397 + 08$	$3.162 + 21$	0.049
92	4	3	6.195	$1.466 + 09$	$3.162 + 21$	0.015
92	4	3	6.195	$8.794 + 09$	$3.162 + 21$	0.007
92	4	3	6.195	$1.497 + 08$	$1.000 + 22$	0.040
92	4	3	6.195	$1.605 + 08$	$1.000 + 22$	0.154
92	4	3	6.195	$1.713 + 08$	$1.000 + 22$	0.601
92	4	3	6.195	$1.821 + 08$	$1.000 + 22$	0.537
92	4	3	6.195	$1.929 + 08$	$1.000 + 22$	0.482
92	4	3	6.195	$2.036 + 08$	$1.000 + 22$	0.599
92	4	3	6.195	$2.144 + 08$	$1.000 + 22$	0.596
92	4	3	6.195	$2.252 + 08$	$1.000 + 22$	0.950
92	4	3	6.195	$3.078 + 08$	$1.000 + 22$	0.570
92	4	3	6.195	$4.397 + 08$	$1.000 + 22$	0.339
92	4	3	6.195	$1.466 + 09$	$1.000 + 22$	0.112
92	4	3	6.195	$8.794 + 09$	$1.000 + 22$	0.048
92	5	3	6.183	$1.713 + 08$	$1.000 + 21$	0.006
92	5	3	6.183	$1.821 + 08$	$1.000 + 21$	0.005
92	5	3	6.183	$2.144 + 08$	$1.000 + 21$	0.005
92	5	3	6.183	$2.252 + 08$	$1.000 + 21$	0.008
92	5	3	6.183	$3.078 + 08$	$1.000 + 21$	0.005
92	5	3	6.183	$1.605 + 08$	$3.162 + 21$	0.024
92	5	3	6.183	$1.713 + 08$	$3.162 + 21$	0.064
92	5	3	6.183	$1.821 + 08$	$3.162 + 21$	0.058
92	5	3	6.183	$1.929 + 08$	$3.162 + 21$	0.053
92	5	3	6.183	$2.036 + 08$	$3.162 + 21$	0.054
92	5	3	6.183	$2.144 + 08$	$3.162 + 21$	0.056
92	5	3	6.183	$2.252 + 08$	$3.162 + 21$	0.090
92	5	3	6.183	$3.078 + 08$	$3.162 + 21$	0.056
92	5	3	6.183	$4.397 + 08$	$3.162 + 21$	0.036
92	5	3	6.183	$1.466 + 09$	$3.162 + 21$	0.015
92	5	3	6.183	$8.794 + 09$	$3.162 + 21$	0.008
92	5	3	6.183	$1.497 + 08$	$1.000 + 22$	0.032
92	5	3	6.183	$1.605 + 08$	$1.000 + 22$	0.236

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
92	5	3	6.183	1.713 + 08	1.000 + 22	0.670
92	5	3	6.183	1.821 + 08	1.000 + 22	0.605
92	5	3	6.183	1.929 + 08	1.000 + 22	0.549
92	5	3	6.183	2.036 + 08	1.000 + 22	0.556
92	5	3	6.183	2.144 + 08	1.000 + 22	0.567
92	5	3	6.183	2.252 + 08	1.000 + 22	0.925
92	5	3	6.183	3.078 + 08	1.000 + 22	0.578
92	5	3	6.183	4.397 + 08	1.000 + 22	0.372
92	5	3	6.183	1.466 + 09	1.000 + 22	0.151
92	5	3	6.183	8.794 + 09	1.000 + 22	0.076
92	20	18	6.148	2.036 + 08	3.162 + 21	0.006
92	20	18	6.148	2.036 + 08	1.000 + 22	0.033
92	10	7	5.938	1.713 + 08	1.000 + 22	0.007
92	10	7	5.938	1.821 + 08	1.000 + 22	0.006
92	10	7	5.938	1.929 + 08	1.000 + 22	0.005
92	10	7	5.938	2.036 + 08	1.000 + 22	0.005
92	28	26	5.732	2.144 + 08	1.000 + 22	0.005
92	21	19	4.554	2.036 + 08	1.000 + 21	0.019
92	21	19	4.554	2.144 + 08	1.000 + 21	0.018
92	21	19	4.554	2.252 + 08	1.000 + 21	0.017
92	21	19	4.554	3.078 + 08	1.000 + 21	0.013
92	21	19	4.554	4.397 + 08	1.000 + 21	0.010
92	21	19	4.554	2.036 + 08	3.162 + 21	0.173
92	21	19	4.554	2.144 + 08	3.162 + 21	0.166
92	21	19	4.554	2.252 + 08	3.162 + 21	0.157
92	21	19	4.554	3.078 + 08	3.162 + 21	0.124
92	21	19	4.554	4.397 + 08	3.162 + 21	0.093
92	21	19	4.554	1.466 + 09	3.162 + 21	0.036
92	21	19	4.554	8.794 + 09	3.162 + 21	0.012
92	21	19	4.554	2.036 + 08	1.000 + 22	1.416
92	21	19	4.554	2.144 + 08	1.000 + 22	1.362
92	21	19	4.554	2.252 + 08	1.000 + 22	1.277
92	21	19	4.554	3.078 + 08	1.000 + 22	1.024
92	21	19	4.554	4.397 + 08	1.000 + 22	0.785
92	21	19	4.554	1.466 + 09	1.000 + 22	0.311
92	21	19	4.554	8.794 + 09	1.000 + 22	0.103
92	15	8	2.796	1.713 + 08	3.162 + 21	0.028
92	15	8	2.796	1.821 + 08	3.162 + 21	0.024
92	15	8	2.796	1.929 + 08	3.162 + 21	0.021
92	15	8	2.796	2.036 + 08	3.162 + 21	0.019
92	15	8	2.796	2.144 + 08	3.162 + 21	0.016
92	15	8	2.796	2.252 + 08	3.162 + 21	0.026
92	15	8	2.796	3.078 + 08	3.162 + 21	0.017
92	15	8	2.796	4.397 + 08	3.162 + 21	0.012
92	15	8	2.796	1.466 + 09	3.162 + 21	0.005
92	15	8	2.796	1.713 + 08	1.000 + 22	0.238
92	15	8	2.796	1.821 + 08	1.000 + 22	0.208
92	15	8	2.796	1.929 + 08	1.000 + 22	0.182
92	15	8	2.796	2.036 + 08	1.000 + 22	0.158
92	15	8	2.796	2.144 + 08	1.000 + 22	0.139
92	15	8	2.796	2.252 + 08	1.000 + 22	0.222
92	15	8	2.796	3.078 + 08	1.000 + 22	0.146
92	15	8	2.796	4.397 + 08	1.000 + 22	0.103
92	15	8	2.796	1.466 + 09	1.000 + 22	0.049
92	15	8	2.796	8.794 + 09	1.000 + 22	0.022
92	14	6	2.748	1.713 + 08	1.000 + 21	0.029
92	14	6	2.748	1.821 + 08	1.000 + 21	0.025
92	14	6	2.748	1.929 + 08	1.000 + 21	0.022
92	14	6	2.748	2.036 + 08	1.000 + 21	0.019
92	14	6	2.748	2.144 + 08	1.000 + 21	0.017
92	14	6	2.748	2.252 + 08	1.000 + 21	0.029
92	14	6	2.748	3.078 + 08	1.000 + 21	0.014
92	14	6	2.748	4.397 + 08	1.000 + 21	0.006
92	14	6	2.748	1.713 + 08	3.162 + 21	0.256
92	14	6	2.748	1.821 + 08	3.162 + 21	0.224
92	14	6	2.748	1.929 + 08	3.162 + 21	0.196
92	14	6	2.748	2.036 + 08	3.162 + 21	0.174
92	14	6	2.748	2.144 + 08	3.162 + 21	0.154
92	14	6	2.748	2.252 + 08	3.162 + 21	0.260

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
92	14	6	2.748	3.078 + 08	3.162 + 21	0.124
92	14	6	2.748	4.397 + 08	3.162 + 21	0.052
92	14	6	2.748	1.466 + 09	3.162 + 21	0.005
92	14	6	2.748	1.497 + 08	1.000 + 22	0.008
92	14	6	2.748	1.605 + 08	1.000 + 22	0.014
92	14	6	2.748	1.713 + 08	1.000 + 22	1.919
92	14	6	2.748	1.821 + 08	1.000 + 22	1.684
92	14	6	2.748	1.929 + 08	1.000 + 22	1.486
92	14	6	2.748	2.036 + 08	1.000 + 22	1.318
92	14	6	2.748	2.144 + 08	1.000 + 22	1.175
92	14	6	2.748	2.252 + 08	1.000 + 22	1.953
92	14	6	2.748	3.078 + 08	1.000 + 22	0.962
92	14	6	2.748	4.397 + 08	1.000 + 22	0.422
92	14	6	2.748	1.466 + 09	1.000 + 22	0.049
92	14	6	2.748	8.794 + 09	1.000 + 22	0.015
92	16	8	2.718	1.713 + 08	1.000 + 21	0.011
92	16	8	2.718	1.821 + 08	1.000 + 21	0.010
92	16	8	2.718	1.929 + 08	1.000 + 21	0.009
92	16	8	2.718	2.036 + 08	1.000 + 21	0.008
92	16	8	2.718	2.144 + 08	1.000 + 21	0.008
92	16	8	2.718	2.252 + 08	1.000 + 21	0.018
92	16	8	2.718	3.078 + 08	1.000 + 21	0.013
92	16	8	2.718	4.397 + 08	1.000 + 21	0.010
92	16	8	2.718	1.466 + 09	1.000 + 21	0.005
92	16	8	2.718	1.713 + 08	3.162 + 21	0.100
92	16	8	2.718	1.821 + 08	3.162 + 21	0.090
92	16	8	2.718	1.929 + 08	3.162 + 21	0.082
92	16	8	2.718	2.036 + 08	3.162 + 21	0.076
92	16	8	2.718	2.144 + 08	3.162 + 21	0.070
92	16	8	2.718	2.252 + 08	3.162 + 21	0.163
92	16	8	2.718	3.078 + 08	3.162 + 21	0.119
92	16	8	2.718	4.397 + 08	3.162 + 21	0.092
92	16	8	2.718	1.466 + 09	3.162 + 21	0.047
92	16	8	2.718	8.794 + 09	3.162 + 21	0.021
92	16	8	2.718	1.497 + 08	1.000 + 22	0.008
92	16	8	2.718	1.605 + 08	1.000 + 22	0.012
92	16	8	2.718	1.713 + 08	1.000 + 22	0.786
92	16	8	2.718	1.821 + 08	1.000 + 22	0.711
92	16	8	2.718	1.929 + 08	1.000 + 22	0.649
92	16	8	2.718	2.036 + 08	1.000 + 22	0.600
92	16	8	2.718	2.144 + 08	1.000 + 22	0.556
92	16	8	2.718	2.252 + 08	1.000 + 22	1.253
92	16	8	2.718	3.078 + 08	1.000 + 22	0.922
92	16	8	2.718	4.397 + 08	1.000 + 22	0.717
92	16	8	2.718	1.466 + 09	1.000 + 22	0.379
92	16	8	2.718	8.794 + 09	1.000 + 22	0.164
92	49	37	2.708	2.252 + 08	1.000 + 22	0.009
92	49	37	2.708	3.078 + 08	1.000 + 22	0.008
92	49	37	2.708	4.397 + 08	1.000 + 22	0.007
92	31	26	2.692	2.252 + 08	3.162 + 21	0.039
92	31	26	2.692	3.078 + 08	3.162 + 21	0.024
92	31	26	2.692	4.397 + 08	3.162 + 21	0.016
92	31	26	2.692	1.466 + 09	3.162 + 21	0.006
92	31	26	2.692	2.252 + 08	1.000 + 22	0.324
92	31	26	2.692	3.078 + 08	1.000 + 22	0.205
92	31	26	2.692	4.397 + 08	1.000 + 22	0.136
92	31	26	2.692	1.466 + 09	1.000 + 22	0.057
92	31	26	2.692	8.794 + 09	1.000 + 22	0.026
92	15	7	2.691	1.713 + 08	1.000 + 21	0.005
92	15	7	2.691	2.252 + 08	1.000 + 21	0.005
92	15	7	2.691	1.713 + 08	3.162 + 21	0.051
92	15	7	2.691	1.821 + 08	3.162 + 21	0.045
92	15	7	2.691	1.929 + 08	3.162 + 21	0.039
92	15	7	2.691	2.036 + 08	3.162 + 21	0.035
92	15	7	2.691	2.144 + 08	3.162 + 21	0.031
92	15	7	2.691	2.252 + 08	3.162 + 21	0.049
92	15	7	2.691	3.078 + 08	3.162 + 21	0.032
92	15	7	2.691	4.397 + 08	3.162 + 21	0.023
92	15	7	2.691	1.466 + 09	3.162 + 21	0.010

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
92	15	7	2.691	1.713 + 08	1.000 + 22	0.441
92	15	7	2.691	1.821 + 08	1.000 + 22	0.387
92	15	7	2.691	1.929 + 08	1.000 + 22	0.341
92	15	7	2.691	2.036 + 08	1.000 + 22	0.300
92	15	7	2.691	2.144 + 08	1.000 + 22	0.267
92	15	7	2.691	2.252 + 08	1.000 + 22	0.426
92	15	7	2.691	3.078 + 08	1.000 + 22	0.283
92	15	7	2.691	4.397 + 08	1.000 + 22	0.200
92	15	7	2.691	1.466 + 09	1.000 + 22	0.094
92	15	7	2.691	8.794 + 09	1.000 + 22	0.040
92	15	6	2.684	1.713 + 08	1.000 + 22	0.009
92	15	6	2.684	1.821 + 08	1.000 + 22	0.008
92	15	6	2.684	1.929 + 08	1.000 + 22	0.007
92	15	6	2.684	2.036 + 08	1.000 + 22	0.006
92	15	6	2.684	2.144 + 08	1.000 + 22	0.005
92	15	6	2.684	2.252 + 08	1.000 + 22	0.007
92	15	6	2.684	3.078 + 08	1.000 + 22	0.006
92	16	6	2.612	1.713 + 08	3.162 + 21	0.021
92	16	6	2.612	1.821 + 08	3.162 + 21	0.019
92	16	6	2.612	1.929 + 08	3.162 + 21	0.017
92	16	6	2.612	2.036 + 08	3.162 + 21	0.016
92	16	6	2.612	2.144 + 08	3.162 + 21	0.015
92	16	6	2.612	2.252 + 08	3.162 + 21	0.035
92	16	6	2.612	3.078 + 08	3.162 + 21	0.027
92	16	6	2.612	4.397 + 08	3.162 + 21	0.022
92	16	6	2.612	1.466 + 09	3.162 + 21	0.012
92	16	6	2.612	8.794 + 09	3.162 + 21	0.006
92	16	6	2.612	1.713 + 08	1.000 + 22	0.150
92	16	6	2.612	1.821 + 08	1.000 + 22	0.137
92	16	6	2.612	1.929 + 08	1.000 + 22	0.127
92	16	6	2.612	2.036 + 08	1.000 + 22	0.116
92	16	6	2.612	2.144 + 08	1.000 + 22	0.108
92	16	6	2.612	2.252 + 08	1.000 + 22	0.251
92	16	6	2.612	3.078 + 08	1.000 + 22	0.203
92	16	6	2.612	4.397 + 08	1.000 + 22	0.171
92	16	6	2.612	1.466 + 09	1.000 + 22	0.097
92	16	6	2.612	8.794 + 09	1.000 + 22	0.042
92	43	33	2.198	2.252 + 08	3.162 + 21	0.006
92	43	33	2.198	2.252 + 08	1.000 + 22	0.058
92	43	33	2.198	3.078 + 08	1.000 + 22	0.047
92	43	33	2.198	4.397 + 08	1.000 + 22	0.036
92	43	33	2.198	1.466 + 09	1.000 + 22	0.014
92	7	3	0.959	1.713 + 08	3.162 + 21	0.005
92	7	3	0.959	2.252 + 08	3.162 + 21	0.007
92	7	3	0.959	1.713 + 08	1.000 + 22	0.058
92	7	3	0.959	1.821 + 08	1.000 + 22	0.050
92	7	3	0.959	1.929 + 08	1.000 + 22	0.042
92	7	3	0.959	2.036 + 08	1.000 + 22	0.027
92	7	3	0.959	2.144 + 08	1.000 + 22	0.023
92	7	3	0.959	2.252 + 08	1.000 + 22	0.071
92	7	3	0.959	3.078 + 08	1.000 + 22	0.037
92	7	3	0.959	4.397 + 08	1.000 + 22	0.019
92	7	3	0.959	1.466 + 09	1.000 + 22	0.008
92	7	3	0.959	8.794 + 09	1.000 + 22	0.007
92	26	19	0.949	2.144 + 08	1.000 + 22	0.006
92	26	19	0.949	2.252 + 08	1.000 + 22	0.018
92	26	19	0.949	3.078 + 08	1.000 + 22	0.010
92	26	19	0.949	4.397 + 08	1.000 + 22	0.006
92	27	19	0.948	2.144 + 08	1.000 + 22	0.008
92	27	19	0.948	2.252 + 08	1.000 + 22	0.007
92	8	3	0.946	1.713 + 08	3.162 + 21	0.005
92	8	3	0.946	2.252 + 08	3.162 + 21	0.008
92	8	3	0.946	1.713 + 08	1.000 + 22	0.062
92	8	3	0.946	1.821 + 08	1.000 + 22	0.054
92	8	3	0.946	1.929 + 08	1.000 + 22	0.048
92	8	3	0.946	2.036 + 08	1.000 + 22	0.036
92	8	3	0.946	2.144 + 08	1.000 + 22	0.033
92	8	3	0.946	2.252 + 08	1.000 + 22	0.088
92	8	3	0.946	3.078 + 08	1.000 + 22	0.049

Table A2: (*Continued*)

Z	j	i	$\lambda(\text{nm})$	$T(\text{K})$	$\rho(\text{cm}^{-3})$	$\alpha(\text{cm}^{-1})$
92	8	3	0.946	$4.397 + 08$	$1.000 + 22$	0.029
92	8	3	0.946	$1.466 + 09$	$1.000 + 22$	0.012
92	8	3	0.946	$8.794 + 09$	$1.000 + 22$	0.007
92	9	3	0.891	$1.713 + 08$	$1.000 + 21$	0.006
92	9	3	0.891	$1.821 + 08$	$1.000 + 21$	0.006
92	9	3	0.891	$1.929 + 08$	$1.000 + 21$	0.006
92	9	3	0.891	$2.036 + 08$	$1.000 + 21$	0.006
92	9	3	0.891	$2.144 + 08$	$1.000 + 21$	0.005
92	9	3	0.891	$2.252 + 08$	$1.000 + 21$	0.005
92	9	3	0.891	$1.713 + 08$	$3.162 + 21$	0.063
92	9	3	0.891	$1.821 + 08$	$3.162 + 21$	0.060
92	9	3	0.891	$1.929 + 08$	$3.162 + 21$	0.058
92	9	3	0.891	$2.036 + 08$	$3.162 + 21$	0.054
92	9	3	0.891	$2.144 + 08$	$3.162 + 21$	0.052
92	9	3	0.891	$2.252 + 08$	$3.162 + 21$	0.051
92	9	3	0.891	$3.078 + 08$	$3.162 + 21$	0.040
92	9	3	0.891	$4.397 + 08$	$3.162 + 21$	0.030
92	9	3	0.891	$1.466 + 09$	$3.162 + 21$	0.012
92	9	3	0.891	$1.713 + 08$	$1.000 + 22$	0.605
92	9	3	0.891	$1.821 + 08$	$1.000 + 22$	0.577
92	9	3	0.891	$1.929 + 08$	$1.000 + 22$	0.553
92	9	3	0.891	$2.036 + 08$	$1.000 + 22$	0.521
92	9	3	0.891	$2.144 + 08$	$1.000 + 22$	0.500
92	9	3	0.891	$2.252 + 08$	$1.000 + 22$	0.479
92	9	3	0.891	$3.078 + 08$	$1.000 + 22$	0.381
92	9	3	0.891	$4.397 + 08$	$1.000 + 22$	0.289
92	9	3	0.891	$1.466 + 09$	$1.000 + 22$	0.114
92	9	3	0.891	$8.794 + 09$	$1.000 + 22$	0.044