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PHOTON WAVELENGTH AND
ENERGY CONVERSION TABLES

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OAK RIDGE NATIONAL LABORATORY
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PHOTON WAVELENGTH AND ENERGY CONVERSION TABLES

These tables facilitate conversions from photon vacuum wavelength to photon energy, and from photon energy to photon vacuum wavelength.

The tabulated values were calculated by an IBM 7090 computer from the relation

$$E\lambda = 1.23977 \times 10^4 ,$$

where E is photon energy in electron volts (ev) and λ is wavelength in angstroms (A).^{*} The numerical factor was obtained from constants listed by Cohen, DuMond, et al.¹ The tables are reproduced by photo-offset directly from the computer printout to preclude transcription errors.

Table I - Vacuum Wavelength to Photon Energy

Table I lists the photon energy in electron volts corresponding to a vacuum wavelength expressed in angstroms. In the region from 500 to 1000 A, photon energies are listed for 1-A increments. In the region from 1000 to 12,000 A, the increment used is 10 A.^{**}

Table II - Photon Energy to Vacuum Wavelength

Table II lists the photon vacuum wavelength in angstroms corresponding to a photon energy in electron volts.^{***} In the region from 1.000 to 4.000 ev, the increment in energy is 0.001 ev. In the region from 4.00 to 14.00 ev, the increment is 0.01 ev. From 14.0 to 26 ev, the increment is 0.1 ev.

^{*1} 1 A = 10^{-8} cm = 0.1 mμ = 10^{-4} μ.

¹ E. R. Cohen, J. W. M. DuMond, et al., Revs. Modern Phys. 27, 363 (1955).

^{**}A table running from 500 A to 10 μ but with larger wavelength increments has been prepared [H. K. A. Kan and P. W. Levy, Table for Converting Photon Wavelength to Photon Energy in Electron Volts, BNL-553 (May 1959)].

^{***}To simplify presentation, the computer program was written in such a way that some entries before an increment change are repetitious.

Table I

WAVE- LENGTH, ANGSTROMS	PHOTON ENERGY, ELECTRON VOLTS									
	0	1	2	3	4	5	6	7	8	9
50	24.795	24.746	24.697	24.647	24.599	24.550	24.501	24.453	24.405	24.357
51	24.309	24.262	24.214	24.167	24.120	24.073	24.026	23.980	23.934	23.888
52	23.842	23.796	23.750	23.705	23.660	23.615	23.570	23.525	23.480	23.436
53	23.392	23.348	23.304	23.260	23.217	23.173	23.130	23.087	23.044	23.001
54	22.959	22.916	22.874	22.832	22.790	22.748	22.706	22.665	22.623	22.582
55	22.541	22.500	22.460	22.419	22.378	22.338	22.298	22.258	22.218	22.178
56	22.139	22.099	22.060	22.021	21.982	21.943	21.904	21.865	21.827	21.789
57	21.750	21.712	21.674	21.636	21.599	21.561	21.524	21.486	21.449	21.412
58	21.375	21.338	21.302	21.265	21.229	21.193	21.156	21.120	21.084	21.049
59	21.013	20.977	20.942	20.907	20.871	20.836	20.801	20.767	20.732	20.697
60	20.663	20.628	20.594	20.560	20.526	20.492	20.458	20.424	20.391	20.357
61	20.324	20.291	20.258	20.225	20.192	20.159	20.126	20.093	20.061	20.029
62	19.996	19.964	19.932	19.900	19.868	19.836	19.805	19.773	19.742	19.710
63	19.679	19.648	19.617	19.586	19.555	19.524	19.493	19.463	19.432	19.402
64	19.371	19.341	19.311	19.281	19.251	19.221	19.191	19.162	19.132	19.103
65	19.075	19.044	19.015	18.986	18.957	18.928	18.899	18.870	18.841	18.813
66	18.784	18.756	18.728	18.699	18.671	18.643	18.615	18.587	18.559	18.532
67	18.504	18.476	18.449	18.421	18.394	18.367	18.340	18.313	18.286	18.259
68	18.232	18.205	18.178	18.152	18.125	18.099	18.072	18.046	18.020	17.994
69	17.968	17.942	17.916	17.890	17.864	17.838	17.813	17.787	17.762	17.736
70	17.711	17.686	17.660	17.635	17.610	17.585	17.560	17.536	17.511	17.486
71	17.461	17.437	17.412	17.388	17.364	17.339	17.315	17.291	17.267	17.243
72	17.219	17.195	17.171	17.148	17.124	17.100	17.077	17.053	17.030	17.006
73	16.985	16.960	16.937	16.914	16.891	16.868	16.845	16.822	16.799	16.776
74	16.754	16.731	16.708	16.686	16.664	16.641	16.619	16.597	16.574	16.552
75	16.530	16.508	16.486	16.464	16.443	16.421	16.399	16.377	16.356	16.334
76	16.313	16.291	16.270	16.249	16.227	16.206	16.185	16.164	16.143	16.122
77	16.101	16.080	16.059	16.038	16.018	15.997	15.976	15.956	15.935	15.915
78	15.894	15.874	15.854	15.834	15.813	15.793	15.773	15.753	15.733	15.713
79	15.693	15.673	15.654	15.634	15.614	15.595	15.575	15.555	15.536	15.516
80	15.497	15.478	15.458	15.439	15.420	15.401	15.382	15.363	15.344	15.325
81	15.306	15.287	15.268	15.249	15.231	15.212	15.193	15.175	15.156	15.138
82	15.119	15.101	15.082	15.064	15.046	15.027	15.009	14.991	14.973	14.955
83	14.937	14.919	14.901	14.883	14.865	14.848	14.830	14.812	14.794	14.777
84	14.759	14.742	14.724	14.707	14.689	14.672	14.654	14.637	14.620	14.603
85	14.585	14.568	14.551	14.534	14.517	14.500	14.483	14.466	14.449	14.433
86	14.416	14.399	14.382	14.366	14.349	14.333	14.316	14.299	14.283	14.267
87	14.250	14.234	14.218	14.201	14.185	14.169	14.153	14.136	14.120	14.104
88	14.088	14.072	14.056	14.040	14.025	14.009	13.993	13.977	13.961	13.946
89	13.930	13.914	13.899	13.883	13.868	13.852	13.837	13.821	13.806	13.791
90	13.775	13.760	13.745	13.729	13.714	13.699	13.684	13.669	13.654	13.639
91	13.624	13.609	13.594	13.579	13.564	13.549	13.535	13.520	13.505	13.490
92	13.476	13.461	13.446	13.432	13.417	13.403	13.388	13.374	13.360	13.345
93	13.331	13.317	13.302	13.288	13.274	13.260	13.245	13.231	13.217	13.203
94	13.189	13.175	13.161	13.147	13.133	13.119	13.105	13.092	13.078	13.064
95	13.050	13.036	13.023	13.009	12.995	12.982	12.968	12.955	12.941	12.928
96	12.914	12.901	12.887	12.874	12.861	12.847	12.834	12.821	12.808	12.794
97	12.781	12.768	12.755	12.742	12.729	12.716	12.703	12.690	12.677	12.664
98	12.651	12.638	12.625	12.612	12.599	12.586	12.574	12.561	12.548	12.536
99	12.523	12.510	12.498	12.485	12.472	12.460	12.447	12.435	12.423	12.410

Table I (continued)

WAVE- LENGTH, ANGSTROMS	PHOTON ENERGY, ELECTRON VOLTS									
	00	10	20	30	40	50	60	70	80	90
10	12.398	12.275	12.155	12.037	11.921	11.807	11.696	11.587	11.479	11.374
11	11.271	11.169	11.069	10.971	10.875	10.781	10.688	10.596	10.506	10.418
12	10.331	10.246	10.162	10.079	9.998	9.918	9.839	9.762	9.686	9.611
13	9.537	9.464	9.392	9.322	9.252	9.183	9.116	9.049	8.984	8.919
14	8.855	8.793	8.731	8.670	8.609	8.550	8.492	8.434	8.377	8.321
15	8.265	8.210	8.156	8.103	8.050	7.998	7.947	7.897	7.847	7.797
16	7.749	7.700	7.653	7.606	7.560	7.514	7.468	7.424	7.380	7.336
17	7.293	7.250	7.208	7.166	7.125	7.084	7.044	7.004	6.965	6.926
18	6.886	6.850	6.812	6.775	6.738	6.701	6.665	6.630	6.595	6.560
19	6.525	6.491	6.457	6.424	6.391	6.358	6.325	6.293	6.261	6.230
20	6.199	6.168	6.137	6.107	6.077	6.048	6.018	5.989	5.960	5.932
21	5.904	5.876	5.848	5.820	5.793	5.766	5.740	5.713	5.687	5.661
22	5.635	5.610	5.585	5.559	5.535	5.510	5.486	5.462	5.438	5.414
23	5.390	5.367	5.344	5.321	5.298	5.276	5.253	5.231	5.209	5.187
24	5.166	5.144	5.123	5.102	5.081	5.060	5.040	5.019	4.999	4.979
25	4.959	4.939	4.920	4.900	4.881	4.862	4.843	4.824	4.805	4.787
26	4.768	4.750	4.732	4.714	4.696	4.678	4.661	4.643	4.626	4.609
27	4.592	4.575	4.558	4.541	4.525	4.508	4.492	4.476	4.460	4.444
28	4.428	4.412	4.396	4.381	4.365	4.350	4.335	4.320	4.305	4.290
29	4.275	4.260	4.246	4.231	4.217	4.203	4.188	4.174	4.160	4.146
30	4.133	4.119	4.105	4.092	4.078	4.065	4.052	4.038	4.025	4.012
31	3.999	3.986	3.974	3.961	3.948	3.936	3.923	3.911	3.899	3.886
32	3.874	3.862	3.850	3.838	3.826	3.815	3.803	3.791	3.780	3.768
33	3.757	3.746	3.734	3.723	3.712	3.701	3.690	3.679	3.668	3.657
34	3.646	3.636	3.625	3.614	3.604	3.594	3.583	3.573	3.563	3.552
35	3.542	3.532	3.522	3.512	3.502	3.492	3.482	3.473	3.463	3.453
36	3.444	3.434	3.425	3.415	3.406	3.397	3.387	3.378	3.369	3.360
37	3.351	3.342	3.333	3.324	3.315	3.306	3.297	3.289	3.280	3.271
38	3.263	3.254	3.245	3.237	3.229	3.220	3.212	3.204	3.195	3.187
39	3.179	3.171	3.163	3.155	3.147	3.139	3.131	3.123	3.115	3.107
40	3.099	3.092	3.084	3.076	3.069	3.061	3.054	3.046	3.039	3.031
41	3.024	3.016	3.009	3.002	2.995	2.987	2.980	2.973	2.966	2.959
42	2.952	2.945	2.938	2.931	2.924	2.917	2.910	2.903	2.897	2.890
43	2.883	2.876	2.870	2.863	2.857	2.850	2.844	2.837	2.831	2.824
44	2.818	2.811	2.805	2.799	2.792	2.786	2.780	2.774	2.767	2.761
45	2.755	2.749	2.743	2.737	2.731	2.725	2.719	2.713	2.707	2.701
46	2.695	2.689	2.683	2.678	2.672	2.666	2.660	2.655	2.649	2.643
47	2.638	2.632	2.627	2.621	2.616	2.610	2.605	2.599	2.594	2.588
48	2.583	2.577	2.572	2.567	2.562	2.556	2.551	2.546	2.541	2.535
49	2.530	2.525	2.520	2.515	2.510	2.505	2.500	2.494	2.489	2.485
50	2.480	2.475	2.470	2.465	2.460	2.455	2.450	2.445	2.440	2.436
51	2.431	2.426	2.421	2.417	2.412	2.407	2.403	2.398	2.393	2.389
52	2.384	2.380	2.375	2.370	2.366	2.361	2.357	2.352	2.348	2.344
53	2.339	2.335	2.330	2.326	2.322	2.317	2.313	2.309	2.304	2.300
54	2.296	2.292	2.287	2.283	2.279	2.275	2.271	2.266	2.262	2.258
55	2.254	2.250	2.246	2.242	2.238	2.234	2.230	2.226	2.222	2.218
56	2.214	2.210	2.206	2.202	2.198	2.194	2.190	2.187	2.183	2.179
57	2.175	2.171	2.167	2.164	2.160	2.156	2.152	2.149	2.145	2.141
58	2.138	2.134	2.130	2.127	2.123	2.119	2.116	2.112	2.108	2.105
59	2.101	2.098	2.094	2.091	2.087	2.084	2.080	2.077	2.073	2.070

Table I (continued)

WAVE- LENGTH, ANGSTROMS	PHOTON ENERGY, ELECTRON VOLTS									
	00	10	20	30	40	50	60	70	80	90
60	2.066	2.063	2.059	2.056	2.053	2.049	2.046	2.042	2.039	2.036
61	2.032	2.029	2.026	2.022	2.019	2.016	2.013	2.009	2.006	2.003
62	2.000	1.996	1.993	1.990	1.987	1.984	1.980	1.977	1.974	1.971
63	1.968	1.965	1.962	1.959	1.955	1.952	1.949	1.946	1.943	1.940
64	1.937	1.934	1.931	1.928	1.925	1.922	1.919	1.916	1.913	1.910
65	1.907	1.904	1.901	1.899	1.896	1.893	1.890	1.887	1.884	1.881
66	1.878	1.876	1.873	1.870	1.867	1.864	1.862	1.859	1.856	1.853
67	1.850	1.848	1.845	1.842	1.839	1.837	1.834	1.831	1.829	1.826
68	1.823	1.821	1.818	1.815	1.813	1.810	1.807	1.805	1.802	1.799
69	1.797	1.794	1.792	1.789	1.786	1.784	1.781	1.779	1.776	1.774
70	1.771	1.769	1.766	1.764	1.761	1.759	1.756	1.754	1.751	1.749
71	1.746	1.744	1.741	1.739	1.736	1.734	1.732	1.729	1.727	1.724
72	1.722	1.720	1.717	1.715	1.712	1.710	1.708	1.705	1.703	1.701
73	1.698	1.696	1.694	1.691	1.689	1.687	1.684	1.682	1.680	1.678
74	1.675	1.673	1.671	1.669	1.666	1.664	1.662	1.660	1.657	1.655
75	1.653	1.651	1.649	1.646	1.644	1.642	1.640	1.638	1.636	1.633
76	1.631	1.629	1.627	1.625	1.623	1.621	1.618	1.616	1.614	1.612
77	1.610	1.608	1.606	1.604	1.602	1.600	1.598	1.596	1.594	1.591
78	1.589	1.587	1.585	1.583	1.581	1.579	1.577	1.575	1.573	1.571
79	1.569	1.567	1.565	1.563	1.561	1.559	1.557	1.556	1.554	1.552
80	1.550	1.548	1.546	1.544	1.542	1.540	1.538	1.536	1.534	1.532
81	1.531	1.529	1.527	1.525	1.523	1.521	1.519	1.517	1.516	1.514
82	1.512	1.510	1.508	1.506	1.505	1.503	1.501	1.499	1.497	1.495
83	1.494	1.492	1.490	1.488	1.487	1.485	1.483	1.481	1.479	1.473
84	1.476	1.474	1.472	1.471	1.469	1.467	1.465	1.464	1.462	1.460
85	1.459	1.457	1.455	1.453	1.452	1.450	1.448	1.447	1.445	1.443
86	1.442	1.440	1.438	1.437	1.435	1.433	1.432	1.430	1.428	1.427
87	1.425	1.423	1.422	1.420	1.418	1.417	1.415	1.414	1.412	1.410
88	1.409	1.407	1.406	1.404	1.402	1.401	1.399	1.398	1.396	1.395
89	1.393	1.391	1.390	1.388	1.387	1.385	1.384	1.382	1.381	1.379
90	1.378	1.376	1.374	1.373	1.371	1.370	1.368	1.367	1.365	1.364
91	1.362	1.361	1.359	1.358	1.356	1.355	1.353	1.352	1.351	1.349
92	1.348	1.346	1.345	1.343	1.342	1.340	1.339	1.337	1.336	1.335
93	1.333	1.332	1.330	1.329	1.327	1.326	1.325	1.323	1.322	1.320
94	1.319	1.317	1.316	1.315	1.313	1.312	1.311	1.309	1.308	1.306
95	1.305	1.304	1.302	1.301	1.300	1.298	1.297	1.295	1.294	1.293
96	1.291	1.290	1.289	1.287	1.286	1.285	1.283	1.282	1.281	1.279
97	1.278	1.277	1.275	1.274	1.273	1.272	1.270	1.269	1.268	1.266
98	1.265	1.264	1.262	1.261	1.260	1.259	1.257	1.256	1.255	1.254
99	1.252	1.251	1.250	1.249	1.247	1.246	1.245	1.243	1.242	1.241
100	1.240	1.239	1.237	1.236	1.235	1.234	1.232	1.231	1.230	1.229
101	1.227	1.226	1.225	1.224	1.223	1.221	1.220	1.219	1.218	1.217
102	1.215	1.214	1.213	1.212	1.211	1.210	1.208	1.207	1.206	1.205
103	1.204	1.202	1.201	1.200	1.199	1.198	1.197	1.196	1.194	1.193
104	1.192	1.191	1.190	1.189	1.188	1.186	1.185	1.184	1.183	1.182
105	1.181	1.180	1.178	1.177	1.176	1.175	1.174	1.173	1.172	1.171
106	1.170	1.168	1.167	1.166	1.165	1.164	1.163	1.162	1.161	1.160
107	1.159	1.158	1.156	1.155	1.154	1.153	1.152	1.151	1.150	1.149
108	1.148	1.147	1.146	1.145	1.144	1.143	1.142	1.141	1.139	1.138
109	1.137	1.136	1.135	1.134	1.133	1.132	1.131	1.130	1.129	1.128

Table I (continued)

WAVE- LENGTH, ANGSTROMS	PHOTON ENERGY, ELECTRON VOLTS									
	00	10	20	30	40	50	60	70	80	90
110	1.127	1.126	1.125	1.124	1.123	1.122	1.121	1.120	1.119	1.118
111	1.117	1.116	1.115	1.114	1.113	1.112	1.111	1.110	1.109	1.108
112	1.107	1.106	1.105	1.104	1.103	1.102	1.101	1.100	1.099	1.098
113	1.097	1.096	1.095	1.094	1.093	1.092	1.091	1.090	1.089	1.088
114	1.088	1.087	1.086	1.085	1.084	1.083	1.082	1.081	1.080	1.079
115	1.078	1.077	1.076	1.075	1.074	1.073	1.072	1.072	1.071	1.070
116	1.069	1.068	1.067	1.066	1.065	1.064	1.063	1.062	1.061	1.061
117	1.060	1.059	1.058	1.057	1.056	1.055	1.054	1.053	1.052	1.052
118	1.051	1.050	1.049	1.048	1.047	1.046	1.045	1.044	1.044	1.043
119	1.042	1.041	1.040	1.039	1.038	1.037	1.037	1.036	1.035	1.034

Table II

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
1.00	12398	12385	12373	12361	12348	12336	12324	12311	12299	12287
1.01	12275	12263	12251	12239	12226	12214	12202	12190	12178	12167
1.02	12155	12143	12131	12119	12107	12095	12083	12072	12060	12048
1.03	12037	12025	12013	12002	11990	11978	11967	11955	11944	11932
1.04	11921	11909	11898	11887	11875	11864	11852	11841	11830	11819
1.05	11807	11796	11785	11774	11762	11751	11740	11729	11718	11707
1.06	11696	11685	11674	11663	11652	11641	11630	11619	11608	11597
1.07	11587	11576	11565	11554	11543	11533	11522	11511	11501	11490
1.08	11479	11469	11458	11448	11437	11426	11416	11405	11395	11384
1.09	11374	11364	11353	11343	11332	11322	11312	11301	11291	11281
1.10	11271	11260	11250	11240	11230	11220	11209	11199	11189	11179
1.11	11169	11159	11149	11139	11129	11119	11109	11099	11089	11079
1.12	11069	11059	11050	11040	11030	11020	11010	11001	10991	10981
1.13	10971	10962	10952	10942	10933	10923	10913	10904	10894	10885
1.14	10875	10866	10856	10847	10837	10828	10818	10809	10799	10790
1.15	10781	10771	10762	10753	10743	10734	10725	10715	10706	10697
1.16	10688	10678	10669	10660	10651	10642	10633	10624	10614	10605
1.17	10596	10587	10578	10569	10560	10551	10542	10533	10524	10515
1.18	10507	10498	10489	10480	10471	10462	10453	10445	10436	10427
1.19	10416	10409	10401	10392	10383	10375	10366	10357	10349	10340
1.20	10331	10323	10314	10306	10297	10289	10280	10271	10263	10255
1.21	10246	10238	10229	10221	10212	10204	10195	10187	10179	10170
1.22	10162	10154	10145	10137	10129	10121	10112	10104	10096	10088
1.23	10079	10071	10063	10055	10047	10039	10030	10022	10014	10006
1.24	9998	9990	9982	9974	9966	9958	9950	9942	9934	9926
1.25	9918	9910	9902	9894	9887	9879	9871	9863	9855	9847
1.26	9839	9832	9824	9816	9808	9801	9793	9785	9777	9770
1.27	9762	9754	9747	9739	9731	9724	9716	9708	9701	9693
1.28	9686	9678	9671	9663	9656	9648	9641	9633	9626	9618
1.29	9611	9603	9596	9588	9581	9574	9566	9559	9551	9544
1.30	9537	9529	9522	9515	9507	9500	9493	9486	9478	9471
1.31	9464	9457	9449	9442	9435	9428	9421	9414	9406	9399
1.32	9392	9385	9378	9371	9364	9357	9350	9343	9336	9329
1.33	9322	9315	9308	9301	9294	9287	9280	9273	9266	9259
1.34	9252	9245	9238	9231	9224	9218	9211	9204	9197	9190
1.35	9183	9177	9170	9163	9156	9150	9143	9136	9129	9123
1.36	9116	9109	9103	9096	9089	9083	9076	9069	9063	9056
1.37	9049	9043	9036	9030	9023	9017	9010	9003	8997	8990
1.38	8984	8977	8971	8964	8958	8951	8945	8939	8932	8926
1.39	8919	8913	8906	8900	8894	8887	8881	8875	8868	8862
1.40	8856	8849	8843	8837	8830	8824	8818	8811	8805	8799
1.41	8793	8786	8780	8774	8768	8762	8755	8749	8743	8737
1.42	8731	8725	8719	8712	8706	8700	8694	8688	8682	8676
1.43	8670	8664	8658	8652	8646	8640	8634	8627	8621	8616
1.44	8610	8604	8598	8592	8586	8580	8574	8568	8562	8556
1.45	8550	8544	8538	8532	8527	8521	8515	8509	8503	8497
1.46	8492	8486	8480	8474	8468	8463	8457	8451	8445	8440
1.47	8434	8428	8422	8417	8411	8405	8400	8394	8388	8382
1.48	8377	8371	8366	8360	8354	8349	8343	8337	8332	8326
1.49	8321	8315	8309	8304	8298	8293	8287	8282	8276	8271

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
1.50	8265	8260	8254	8249	8243	8238	8232	8227	8221	8216
1.51	8210	8205	8200	8194	8189	8183	8178	8173	8167	8162
1.52	8156	8151	8146	8140	8135	8130	8124	8119	8114	8108
1.53	8103	8098	8093	8087	8082	8077	8071	8066	8061	8056
1.54	8050	8045	8040	8035	8030	8024	8019	8014	8009	8004
1.55	7999	7993	7988	7983	7978	7973	7968	7963	7957	7952
1.56	7947	7942	7937	7932	7927	7922	7917	7912	7907	7902
1.57	7897	7892	7887	7882	7877	7872	7867	7862	7857	7852
1.58	7847	7842	7837	7832	7827	7822	7817	7812	7807	7802
1.59	7797	7792	7788	7783	7778	7773	7768	7763	7758	7753
1.60	7749	7744	7739	7734	7729	7724	7720	7715	7710	7705
1.61	7700	7696	7691	7686	7681	7677	7672	7667	7662	7658
1.62	7653	7648	7643	7639	7634	7629	7625	7620	7615	7611
1.63	7606	7601	7597	7592	7587	7583	7578	7573	7569	7564
1.64	7560	7555	7550	7546	7541	7537	7532	7527	7523	7518
1.65	7514	7509	7505	7500	7496	7491	7487	7482	7478	7473
1.66	7469	7464	7460	7455	7451	7446	7442	7437	7433	7428
1.67	7424	7419	7415	7410	7406	7402	7397	7393	7388	7384
1.68	7380	7375	7371	7366	7362	7358	7353	7349	7345	7340
1.69	7336	7332	7327	7323	7319	7314	7310	7306	7301	7297
1.70	7293	7288	7284	7280	7276	7271	7267	7263	7259	7254
1.71	7250	7246	7242	7237	7233	7229	7225	7221	7216	7212
1.72	7208	7204	7200	7195	7191	7187	7183	7179	7175	7170
1.73	7166	7162	7158	7154	7150	7146	7142	7137	7133	7129
1.74	7125	7121	7117	7113	7109	7105	7101	7097	7093	7088
1.75	7084	7080	7076	7072	7068	7064	7060	7056	7052	7048
1.76	7044	7040	7036	7032	7028	7024	7020	7016	7012	7008
1.77	7004	7000	6996	6993	6989	6985	6981	6977	6973	6969
1.78	6965	6961	6957	6953	6949	6946	6942	6938	6934	6930
1.79	6926	6922	6918	6915	6911	6907	6903	6899	6895	6891
1.80	6888	6884	6880	6876	6872	6869	6865	6861	6857	6853
1.81	6850	6846	6842	6838	6834	6831	6827	6823	6819	6816
1.82	6812	6808	6804	6801	6797	6793	6790	6786	6782	6778
1.83	6775	6771	6767	6764	6760	6756	6753	6749	6745	6742
1.84	6738	6734	6731	6727	6723	6720	6716	6712	6709	6705
1.85	6701	6698	6694	6691	6687	6683	6680	6676	6673	6669
1.86	6665	6662	6658	6655	6651	6648	6644	6640	6637	6633
1.87	6630	6626	6623	6619	6616	6612	6609	6605	6602	6598
1.88	6595	6591	6588	6584	6581	6577	6574	6570	6567	6563
1.89	6560	6556	6553	6549	6546	6542	6539	6535	6532	6529
1.90	6525	6522	6518	6515	6511	6508	6505	6501	6498	6494
1.91	6491	6488	6484	6481	6477	6474	6471	6467	6464	6461
1.92	6457	6454	6450	6447	6444	6440	6437	6434	6430	6427
1.93	6424	6420	6417	6414	6410	6407	6404	6400	6397	6394
1.94	6391	6387	6384	6381	6377	6374	6371	6368	6364	6361
1.95	6358	6355	6351	6348	6345	6342	6338	6335	6332	6329
1.96	6325	6322	6319	6316	6312	6309	6306	6303	6300	6296
1.97	6293	6290	6287	6284	6281	6277	6274	6271	6268	6265
1.98	6261	6258	6255	6252	6249	6246	6243	6239	6236	6233
1.99	6230	6227	6224	6221	6218	6214	6211	6208	6205	6202

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
2.00	6199	6196	6193	6190	6186	6183	6180	6177	6174	6171
2.01	6168	6165	6162	6159	6156	6153	6150	6147	6144	6141
2.02	6137	6134	6131	6128	6125	6122	6119	6116	6113	6110
2.03	6107	6104	6101	6098	6095	6092	6089	6086	6083	6080
2.04	6077	6074	6071	6068	6065	6062	6060	6057	6054	6051
2.05	6048	6045	6042	6039	6036	6033	6030	6027	6024	6021
2.06	6018	6015	6012	6010	6007	6004	6001	5998	5995	5992
2.07	5989	5986	5983	5981	5978	5975	5972	5969	5966	5963
2.08	5960	5958	5955	5952	5949	5946	5943	5940	5938	5935
2.09	5932	5929	5926	5923	5921	5918	5915	5912	5909	5907
2.10	5904	5901	5898	5895	5892	5890	5887	5884	5881	5878
2.11	5876	5873	5870	5867	5865	5862	5859	5856	5854	5851
2.12	5848	5845	5842	5840	5837	5834	5831	5829	5826	5823
2.13	5821	5818	5815	5812	5810	5807	5804	5801	5799	5796
2.14	5793	5791	5788	5785	5783	5780	5777	5774	5772	5769
2.15	5766	5764	5761	5758	5756	5753	5750	5748	5745	5742
2.16	5740	5737	5734	5732	5729	5726	5724	5721	5719	5716
2.17	5713	5711	5708	5705	5703	5700	5697	5695	5692	5690
2.18	5687	5684	5682	5679	5677	5674	5671	5669	5666	5664
2.19	5661	5658	5656	5653	5651	5648	5646	5643	5640	5638
2.20	5635	5633	5630	5628	5625	5623	5620	5617	5615	5612
2.21	5610	5607	5605	5602	5600	5597	5595	5592	5590	5587
2.22	5585	5582	5580	5577	5575	5572	5570	5567	5565	5562
2.23	5560	5557	5555	5552	5550	5547	5545	5542	5540	5537
2.24	5535	5532	5530	5527	5525	5522	5520	5517	5515	5513
2.25	5510	5508	5505	5503	5500	5498	5495	5493	5491	5488
2.26	5480	5483	5481	5478	5476	5474	5471	5469	5466	5464
2.27	5462	5459	5457	5454	5452	5450	5447	5445	5442	5440
2.28	5438	5435	5433	5430	5428	5426	5423	5421	5419	5416
2.29	5414	5412	5409	5407	5404	5402	5400	5397	5395	5393
2.30	5390	5388	5386	5383	5381	5379	5376	5374	5372	5369
2.31	5367	5365	5362	5360	5358	5355	5353	5351	5348	5346
2.32	5344	5342	5339	5337	5335	5332	5330	5328	5325	5323
2.33	5321	5319	5316	5314	5312	5310	5307	5305	5303	5300
2.34	5298	5296	5294	5291	5289	5287	5285	5282	5280	5278
2.35	5276	5273	5271	5269	5267	5264	5262	5260	5258	5256
2.36	5253	5251	5249	5247	5244	5242	5240	5238	5236	5233
2.37	5231	5229	5227	5225	5222	5220	5218	5216	5214	5211
2.38	5209	5207	5205	5203	5200	5198	5196	5194	5192	5190
2.39	5187	5185	5183	5181	5179	5177	5174	5172	5170	5168
2.40	5166	5164	5161	5159	5157	5155	5153	5151	5149	5146
2.41	5144	5142	5140	5138	5136	5134	5132	5129	5127	5125
2.42	5123	5121	5119	5117	5115	5112	5110	5108	5106	5104
2.43	5102	5100	5098	5096	5094	5091	5089	5087	5085	5083
2.44	5081	5079	5077	5075	5073	5071	5069	5067	5064	5062
2.45	5060	5058	5056	5054	5052	5050	5048	5046	5044	5042
2.46	5040	5038	5036	5034	5032	5030	5027	5025	5023	5021
2.47	5019	5017	5015	5013	5011	5009	5007	5005	5003	5001
2.48	4999	4997	4995	4993	4991	4989	4987	4985	4983	4981
2.49	4979	4977	4975	4973	4971	4969	4967	4965	4963	4961

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ÅNGSTRÖMS									
	0	1	2	3	4	5	6	7	8	9
2.50	4959	4957	4955	4953	4951	4949	4947	4945	4943	4941
2.51	4939	4937	4935	4933	4931	4930	4928	4926	4924	4922
2.52	4920	4918	4916	4914	4912	4910	4908	4906	4904	4902
2.53	4900	4898	4896	4894	4893	4891	4889	4887	4885	4883
2.54	4881	4879	4877	4875	4873	4871	4870	4868	4866	4864
2.55	4862	4860	4858	4856	4854	4852	4850	4849	4847	4845
2.56	4843	4841	4839	4837	4835	4833	4832	4830	4828	4826
2.57	4824	4822	4820	4818	4817	4815	4813	4811	4809	4807
2.58	4805	4803	4802	4800	4798	4796	4794	4792	4790	4789
2.59	4787	4785	4783	4781	4779	4778	4776	4774	4772	4770
2.60	4768	4767	4765	4763	4761	4759	4757	4756	4754	4752
2.61	4750	4748	4746	4745	4743	4741	4739	4737	4736	4734
2.62	4732	4730	4728	4727	4725	4723	4721	4719	4718	4716
2.63	4714	4712	4710	4709	4707	4705	4703	4701	4700	4698
2.64	4696	4694	4693	4691	4689	4687	4685	4684	4682	4680
2.65	4678	4677	4675	4673	4671	4670	4668	4666	4664	4663
2.66	4661	4659	4657	4656	4654	4652	4650	4649	4647	4645
2.67	4643	4642	4640	4638	4636	4635	4633	4631	4629	4628
2.68	4626	4624	4623	4621	4619	4617	4616	4614	4612	4611
2.69	4609	4607	4605	4604	4602	4600	4599	4597	4595	4593
2.70	4592	4590	4588	4587	4585	4583	4582	4580	4578	4577
2.71	4575	4573	4571	4570	4568	4566	4565	4563	4561	4560
2.72	4558	4556	4555	4553	4551	4550	4548	4546	4545	4543
2.73	4541	4540	4538	4536	4535	4533	4531	4530	4528	4526
2.74	4525	4523	4521	4520	4518	4516	4515	4513	4512	4510
2.75	4508	4507	4505	4503	4502	4500	4498	4497	4495	4494
2.76	4492	4490	4489	4487	4485	4484	4482	4481	4479	4477
2.77	4476	4474	4472	4471	4469	4468	4466	4464	4463	4461
2.78	4460	4458	4456	4455	4453	4452	4450	4448	4447	4445
2.79	4444	4442	4440	4439	4437	4436	4434	4433	4431	4429
2.80	4428	4426	4425	4423	4421	4420	4418	4417	4415	4414
2.81	4412	4410	4409	4407	4406	4404	4403	4401	4399	4398
2.82	4396	4395	4393	4392	4390	4389	4387	4385	4384	4382
2.83	4381	4379	4378	4376	4375	4373	4372	4370	4368	4367
2.84	4365	4364	4362	4361	4359	4358	4356	4355	4353	4352
2.85	4350	4349	4347	4346	4344	4342	4341	4339	4338	4336
2.86	4335	4333	4332	4330	4329	4327	4326	4324	4323	4321
2.87	4320	4318	4317	4315	4314	4312	4311	4309	4308	4306
2.88	4305	4303	4302	4300	4299	4297	4296	4294	4293	4291
2.89	4290	4288	4287	4285	4284	4282	4281	4280	4278	4277
2.90	4275	4274	4272	4271	4269	4268	4266	4265	4263	4262
2.91	4260	4259	4257	4256	4255	4253	4252	4250	4249	4247
2.92	4246	4244	4243	4241	4240	4239	4237	4236	4234	4233
2.93	4231	4230	4228	4227	4226	4224	4223	4221	4220	4218
2.94	4217	4215	4214	4213	4211	4210	4208	4207	4205	4204
2.95	4203	4201	4200	4198	4197	4196	4194	4193	4191	4190
2.96	4188	4187	4186	4184	4183	4181	4180	4179	4177	4176
2.97	4174	4173	4172	4170	4169	4167	4166	4165	4163	4162
2.98	4160	4159	4158	4156	4155	4153	4152	4151	4149	4148
2.99	4146	4145	4144	4142	4141	4139	4138	4137	4135	4134

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
3.00	4133	4131	4130	4128	4127	4126	4124	4123	4122	4120
3.01	4119	4117	4116	4115	4113	4112	4111	4109	4108	4107
3.02	4105	4104	4103	4101	4100	4098	4097	4096	4094	4093
3.03	4092	4090	4089	4088	4086	4085	4084	4082	4081	4080
3.04	4078	4077	4076	4074	4073	4072	4070	4069	4068	4066
3.05	4065	4064	4062	4061	4060	4058	4057	4056	4054	4053
3.06	4052	4050	4049	4048	4046	4045	4044	4042	4041	4040
3.07	4038	4037	4036	4034	4033	4032	4030	4029	4028	4027
3.08	4025	4024	4023	4021	4020	4019	4017	4016	4015	4014
3.09	4012	4011	4010	4008	4007	4006	4004	4003	4002	4001
3.10	3999	3998	3997	3995	3994	3993	3992	3990	3989	3988
3.11	3986	3985	3984	3983	3981	3980	3979	3977	3976	3975
3.12	3974	3972	3971	3970	3969	3967	3966	3965	3963	3962
3.13	3961	3960	3958	3957	3956	3955	3953	3952	3951	3950
3.14	3948	3947	3946	3945	3943	3942	3941	3940	3938	3937
3.15	3936	3935	3933	3932	3931	3930	3928	3927	3926	3925
3.16	3923	3922	3921	3920	3918	3917	3916	3915	3913	3912
3.17	3911	3910	3909	3907	3906	3905	3904	3902	3901	3900
3.18	3899	3897	3896	3895	3894	3893	3891	3890	3889	3888
3.19	3886	3885	3884	3883	3882	3880	3879	3878	3877	3876
3.20	3874	3873	3872	3871	3869	3868	3867	3866	3865	3863
3.21	3862	3861	3860	3859	3857	3856	3855	3854	3853	3851
3.22	3850	3849	3848	3847	3845	3844	3843	3842	3841	3840
3.23	3838	3837	3836	3835	3834	3832	3831	3830	3829	3828
3.24	3826	3825	3824	3823	3822	3821	3819	3818	3817	3816
3.25	3815	3814	3812	3811	3810	3809	3808	3807	3805	3804
3.26	3803	3802	3801	3800	3798	3797	3796	3795	3794	3793
3.27	3791	3790	3789	3788	3787	3786	3784	3783	3782	3781
3.28	3780	3779	3778	3776	3775	3774	3773	3772	3771	3769
3.29	3768	3767	3766	3765	3764	3763	3761	3760	3759	3758
3.30	3757	3756	3755	3753	3752	3751	3750	3749	3748	3747
3.31	3746	3744	3743	3742	3741	3740	3739	3738	3737	3735
3.32	3734	3733	3732	3731	3730	3729	3728	3726	3725	3724
3.33	3723	3722	3721	3720	3719	3717	3716	3715	3714	3713
3.34	3712	3711	3710	3709	3707	3706	3705	3704	3703	3702
3.35	3701	3700	3699	3698	3696	3695	3694	3693	3692	3691
3.36	3690	3689	3688	3687	3685	3684	3683	3682	3681	3680
3.37	3679	3678	3677	3676	3675	3673	3672	3671	3670	3669
3.38	3668	3667	3666	3665	3664	3663	3661	3660	3659	3658
3.39	3657	3656	3655	3654	3653	3652	3651	3650	3649	3647
3.40	3646	3645	3644	3643	3642	3641	3640	3639	3638	3637
3.41	3636	3635	3634	3633	3631	3630	3629	3628	3627	3626
3.42	3625	3624	3623	3622	3621	3620	3619	3618	3617	3616
3.43	3615	3613	3612	3611	3610	3609	3608	3607	3606	3605
3.44	3604	3603	3602	3601	3600	3599	3598	3597	3596	3595
3.45	3594	3593	3591	3590	3589	3588	3587	3586	3585	3584
3.46	3583	3582	3581	3580	3579	3578	3577	3576	3575	3574
3.47	3573	3572	3571	3570	3569	3568	3567	3566	3565	3564
3.48	3563	3562	3561	3560	3558	3557	3556	3555	3554	3553
3.49	3552	3551	3550	3549	3548	3547	3546	3545	3544	3543

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
3.50	3542	3541	3540	3539	3538	3537	3536	3535	3534	3533
3.51	3532	3531	3530	3529	3528	3527	3526	3525	3524	3523
3.52	3522	3521	3520	3519	3518	3517	3516	3515	3514	3513
3.53	3512	3511	3510	3509	3508	3507	3506	3505	3504	3503
3.54	3502	3501	3500	3499	3498	3497	3496	3495	3494	3493
3.55	3492	3491	3490	3489	3488	3487	3486	3485	3484	3484
3.56	3483	3482	3481	3480	3479	3478	3477	3476	3475	3474
3.57	3473	3472	3471	3470	3469	3468	3467	3466	3465	3464
3.58	3463	3462	3461	3460	3459	3458	3457	3456	3455	3454
3.59	3453	3452	3451	3451	3450	3449	3448	3447	3446	3445
3.60	3444	3443	3442	3441	3440	3439	3438	3437	3436	3435
3.61	3434	3433	3432	3431	3430	3430	3429	3428	3427	3426
3.62	3425	3424	3423	3422	3421	3420	3419	3418	3417	3416
3.63	3415	3414	3413	3413	3412	3411	3410	3409	3408	3407
3.64	3406	3405	3404	3403	3402	3401	3400	3399	3399	3398
3.65	3397	3396	3395	3394	3393	3392	3391	3390	3389	3388
3.66	3387	3386	3386	3385	3384	3383	3382	3381	3380	3379
3.67	3378	3377	3376	3375	3374	3374	3373	3372	3371	3370
3.68	3369	3368	3367	3366	3365	3364	3363	3362	3362	3361
3.69	3360	3359	3358	3357	3356	3355	3354	3353	3353	3352
3.70	3351	3350	3349	3348	3347	3346	3345	3344	3344	3343
3.71	3342	3341	3340	3339	3338	3337	3336	3335	3335	3334
3.72	3333	3332	3331	3330	3329	3328	3327	3326	3326	3325
3.73	3324	3323	3322	3321	3320	3319	3318	3318	3317	3316
3.74	3315	3314	3313	3312	3311	3310	3310	3309	3308	3307
3.75	3306	3305	3304	3303	3303	3302	3301	3300	3299	3298
3.76	3297	3296	3296	3295	3294	3293	3292	3291	3290	3289
3.77	3289	3288	3287	3286	3285	3284	3283	3282	3282	3281
3.78	3280	3279	3278	3277	3276	3276	3275	3274	3273	3272
3.79	3271	3270	3269	3269	3268	3267	3266	3265	3264	3263
3.80	3263	3262	3261	3260	3259	3258	3257	3257	3256	3255
3.81	3254	3253	3252	3251	3251	3250	3249	3248	3247	3246
3.82	3245	3245	3244	3243	3242	3241	3240	3240	3239	3238
3.83	3237	3236	3235	3234	3234	3233	3232	3231	3230	3229
3.84	3229	3228	3227	3226	3225	3224	3224	3223	3222	3221
3.85	3220	3219	3219	3218	3217	3216	3215	3214	3214	3213
3.86	3212	3211	3210	3209	3209	3208	3207	3206	3205	3204
3.87	3204	3203	3202	3201	3200	3199	3199	3198	3197	3196
3.88	3195	3194	3194	3193	3192	3191	3190	3190	3189	3188
3.89	3187	3186	3185	3185	3184	3183	3182	3181	3181	3180
3.90	3179	3178	3177	3176	3176	3175	3174	3173	3172	3172
3.91	3171	3170	3169	3168	3168	3167	3166	3165	3164	3164
3.92	3163	3162	3161	3160	3159	3159	3158	3157	3156	3155
3.93	3155	3154	3153	3152	3151	3151	3150	3149	3148	3147
3.94	3147	3146	3145	3144	3143	3143	3142	3141	3140	3139
3.95	3139	3138	3137	3136	3136	3135	3134	3133	3132	3132
3.96	3131	3130	3129	3128	3128	3127	3126	3125	3124	3124
3.97	3123	3122	3121	3121	3120	3119	3118	3117	3117	3116
3.98	3115	3114	3113	3113	3112	3111	3110	3110	3109	3108
3.99	3107	3106	3106	3105	3104	3103	3103	3102	3101	3100

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
4.0	3099	3092	3084	3076	3069	3061	3054	3046	3039	3031
4.1	3024	3016	3009	3002	2995	2987	2980	2973	2966	2959
4.2	2952	2945	2938	2931	2924	2917	2910	2903	2897	2890
4.3	2883	2877	2870	2863	2857	2850	2844	2837	2831	2824
4.4	2818	2811	2805	2799	2792	2786	2780	2774	2767	2761
4.5	2755	2749	2743	2737	2731	2725	2719	2713	2707	2701
4.6	2695	2689	2683	2678	2672	2666	2660	2655	2649	2643
4.7	2638	2632	2627	2621	2616	2610	2605	2599	2594	2588
4.8	2583	2577	2572	2567	2562	2556	2551	2546	2541	2535
4.9	2530	2525	2520	2515	2510	2505	2500	2495	2490	2485
5.0	2480	2475	2470	2465	2460	2455	2450	2445	2441	2436
5.1	2431	2426	2421	2417	2412	2407	2403	2398	2393	2389
5.2	2384	2380	2375	2371	2366	2361	2357	2353	2348	2344
5.3	2339	2335	2330	2326	2322	2317	2313	2309	2304	2300
5.4	2296	2292	2287	2283	2279	2275	2271	2266	2262	2258
5.5	2254	2250	2246	2242	2238	2234	2230	2226	2222	2218
5.6	2214	2210	2206	2202	2198	2194	2190	2187	2183	2179
5.7	2175	2171	2167	2164	2160	2156	2152	2149	2145	2141
5.8	2138	2134	2130	2127	2123	2119	2116	2112	2108	2105
5.9	2101	2098	2094	2091	2087	2084	2080	2077	2073	2070
6.0	2066	2063	2059	2056	2053	2049	2046	2042	2039	2036
6.1	2032	2029	2026	2022	2019	2016	2013	2009	2006	2003
6.2	2000	1996	1993	1990	1987	1984	1980	1977	1974	1971
6.3	1968	1965	1962	1959	1955	1952	1949	1946	1943	1940
6.4	1937	1934	1931	1928	1925	1922	1919	1916	1913	1910
6.5	1907	1904	1901	1899	1896	1893	1890	1887	1884	1881
6.6	1878	1876	1873	1870	1867	1864	1862	1859	1856	1853
6.7	1850	1848	1845	1842	1839	1837	1834	1831	1829	1826
6.8	1823	1821	1818	1815	1813	1810	1807	1805	1802	1799
6.9	1797	1794	1792	1789	1786	1784	1781	1779	1776	1774
7.0	1771	1769	1766	1764	1761	1759	1756	1754	1751	1749
7.1	1746	1744	1741	1739	1736	1734	1732	1729	1727	1724
7.2	1722	1720	1717	1715	1712	1710	1708	1705	1703	1701
7.3	1698	1696	1694	1691	1689	1687	1684	1682	1680	1678
7.4	1675	1673	1671	1669	1666	1664	1662	1660	1657	1655
7.5	1653	1651	1649	1646	1644	1642	1640	1638	1636	1633
7.6	1631	1629	1627	1625	1623	1621	1619	1616	1614	1612
7.7	1610	1608	1606	1604	1602	1600	1598	1596	1594	1591
7.8	1589	1587	1585	1583	1581	1579	1577	1575	1573	1571
7.9	1569	1567	1565	1563	1561	1559	1558	1556	1554	1552
8.0	1550	1548	1546	1544	1542	1540	1538	1536	1534	1532
8.1	1531	1529	1527	1525	1523	1521	1519	1517	1516	1514
8.2	1512	1510	1508	1506	1505	1503	1501	1499	1497	1496
8.3	1494	1492	1490	1488	1487	1485	1483	1481	1479	1478
8.4	1476	1474	1472	1471	1469	1467	1465	1464	1462	1460
8.5	1459	1457	1455	1453	1452	1450	1448	1447	1445	1443
8.6	1442	1440	1438	1437	1435	1433	1432	1430	1428	1427
8.7	1425	1423	1422	1420	1419	1417	1415	1414	1412	1410
8.8	1409	1407	1406	1404	1402	1401	1399	1398	1396	1395
8.9	1393	1391	1390	1388	1387	1385	1384	1382	1381	1379

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
9.0	1378	1376	1374	1373	1371	1370	1368	1367	1365	1364
9.1	1362	1361	1359	1358	1356	1355	1353	1352	1351	1349
9.2	1348	1346	1345	1343	1342	1340	1339	1337	1336	1335
9.3	1333	1332	1330	1329	1327	1326	1325	1323	1322	1320
9.4	1319	1318	1316	1315	1313	1312	1311	1309	1308	1306
9.5	1305	1304	1302	1301	1300	1298	1297	1295	1294	1293
9.6	1291	1290	1289	1287	1286	1285	1283	1282	1281	1279
9.7	1278	1277	1275	1274	1273	1272	1270	1269	1268	1266
9.8	1265	1264	1262	1261	1260	1259	1257	1256	1255	1254
9.9	1252	1251	1250	1249	1247	1246	1245	1244	1242	1241
10.0	1240	1239	1237	1236	1235	1234	1232	1231	1230	1229
10.1	1227	1226	1225	1224	1223	1221	1220	1219	1218	1217
10.2	1215	1214	1213	1212	1211	1210	1208	1207	1206	1205
10.3	1204	1202	1201	1200	1199	1198	1197	1196	1194	1193
10.4	1192	1191	1190	1189	1188	1186	1185	1184	1183	1182
10.5	1181	1180	1178	1177	1176	1175	1174	1173	1172	1171
10.6	1170	1168	1167	1166	1165	1164	1163	1162	1161	1160
10.7	1159	1158	1157	1155	1154	1153	1152	1151	1150	1149
10.8	1148	1147	1146	1145	1144	1143	1142	1141	1139	1138
10.9	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128
11.0	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118
11.1	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108
11.2	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098
11.3	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088
11.4	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079
11.5	1078	1077	1076	1075	1074	1073	1072	1072	1071	1070
11.6	1069	1068	1067	1066	1065	1064	1063	1062	1061	1061
11.7	1060	1059	1058	1057	1056	1055	1054	1053	1052	1052
11.8	1051	1050	1049	1048	1047	1046	1045	1044	1044	1043
11.9	1042	1041	1040	1039	1038	1037	1037	1036	1035	1034
12.0	1033	1032	1031	1031	1030	1029	1028	1027	1026	1025
12.1	1025	1024	1023	1022	1021	1020	1020	1019	1018	1017
12.2	1016	1015	1015	1014	1013	1012	1011	1010	1010	1009
12.3	1008	1007	1006	1005	1005	1004	1003	1002	1001	1001
12.4	1000	999	998	997	997	996	995	994	993	993
12.5	992	991	990	989	989	988	987	986	986	985
12.6	984	983	982	982	981	980	979	979	978	977
12.7	976	975	975	974	973	972	972	971	970	969
12.8	969	968	967	966	966	965	964	963	963	962
12.9	961	960	960	959	958	957	957	956	955	954
13.0	954	953	952	951	951	950	949	949	948	947
13.1	946	946	945	944	944	943	942	941	941	940
13.2	939	939	938	937	936	936	935	934	934	933
13.3	932	931	931	930	929	929	928	927	927	926
13.4	925	925	924	923	922	922	921	920	920	919
13.5	918	918	917	916	916	915	914	914	913	912
13.6	912	911	910	910	909	908	908	907	906	906
13.7	905	904	904	903	902	902	901	900	900	899
13.8	898	898	897	896	896	895	894	894	893	893
13.9	892	891	891	890	889	889	888	887	887	886

Table II (continued)

PHOTON ENERGY, E. V.	VACUUM WAVELENGTH, ANGSTROMS									
	0	1	2	3	4	5	6	7	8	9
14.	886	879	873	867	861	855	849	843	838	832
15.	827	821	816	810	805	800	795	790	785	780
16.	775	770	765	761	756	751	747	742	738	734
17.	729	725	721	717	713	708	704	700	696	693
18.	689	685	681	677	674	670	667	663	659	656
19.	653	649	646	642	639	636	633	629	626	623
20.	620	617	614	611	608	605	602	599	596	593
21.	590	588	585	582	579	577	574	571	569	566
22.	564	561	558	556	553	551	549	546	544	541
23.	539	537	534	532	530	528	525	523	521	519
24.	517	514	512	510	508	506	504	502	500	498
25.	496	494	492	490	488	486	484	482	481	479

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