Table 1. Target levels of Fe X and their threshold energies (in Ryd).

Index	Configuration	Level	NIST	BD	GRASP4	DGM	GRASP8
1.....	$3s^2 3p^5$	$^2P^o_{3/2}$	0.0000	0.0000	0.0000	0.0000	0.0000
2.....	$3s^2 3p^5$	$^2P^o_{1/2}$	0.1429	0.1322	0.1430	0.1426	0.1426
3.....	$3s3p^6$	$^2S_{1/2}$	2.6358	2.6329	2.6221	2.5927	2.6024
4.....	$3s^2 3p^4$ (^{3}P)3d	$^4D_{5/2}$	3.5422	3.5564	3.5453	3.5448	3.5473
5.....	$3s^2 3p^4$ (^{3}P)3d	$^4D_{7/2}$	3.5422	3.5569	3.5442	3.5446	3.5468
6.....	$3s^2 3p^4$ (^{3}P)3d	$^4D_{3/2}$	3.5544	3.5661	3.5571	3.5545	3.5587
7.....	$3s^2 3p^4$ (^{3}P)3d	$^4D_{1/2}$	3.5681	3.5784	3.5712	3.5682	3.5724
8.....	$3s^2 3p^4$ (^{3}P)3d	$^4F_{9/2}$	3.8059	3.8263	3.8191	3.8077	3.8407
9.....	$3s^2 3p^4$ (^{1}D)3d	$^2P_{1/2}$	.....	3.8904	3.8882	3.7636	3.8608
10.....	$3s^2 3p^4$ (^{3}P)3d	$^4F_{7/2}$	3.8528	3.8693	3.8672	3.8549	3.8876
11.....	$3s^2 3p^4$ (^{3}P)3d	$^4F_{5/2}$	3.8890	3.9005	3.9019	3.8925	3.9220
12.....	$3s^2 3p^4$ (^{3}P)3d	$^4F_{3/2}$	3.9029	3.9150	3.9178	3.9373	3.9345
13.....	$3s^2 3p^4$ (^{1}D)3d	$^2P_{3/2}$	3.9360	3.9585	3.9606	3.8949	3.9375
14.....	$3s^2 3p^4$ (^{1}D)3d	$^2D_{3/2}$	3.9605	4.0056	4.0073	3.9710	3.9942
15.....	$3s^2 3p^4$ (^{3}P)3d	$^4P_{1/2}$	3.9622	3.9978	4.0003	3.9833	3.9992
16.....	$3s^2 3p^4$ (^{3}P)3d	$^4P_{3/2}$	.....	4.0450	4.0497	4.1171	4.0435
17.....	$3s^2 3p^4$ (^{3}P)3d	$^4P_{5/2}$	4.0265	4.0652	4.0683	4.0303	4.0615
18.....	$3s^2 3p^4$ (^{3}P)3d	$^2F_{7/2}$	4.0172	4.1517	4.0671	4.0274	4.0716
19.....	$3s^2 3p^4$ (^{1}D)3d	$^2D_{5/2}$	.....	4.0871	4.0939	4.0532	4.0836
20.....	$3s^2 3p^4$ (^{1}D)3d	$^2G_{9/2}$	4.1075	4.1440	4.1501	4.1116	4.1612
21.....	$3s^2 3p^4$ (^{1}D)3d	$^2G_{7/2}$	4.1106	4.0649	4.1603	4.1249	4.1660
22.....	$3s^2 3p^4$ (^{3}P)3d	$^2F_{5/2}$	4.1256	4.1866	4.1966	4.1513	4.1935
23.....	$3s^2 3p^4$ (^{1}D)3d	$^2F_{5/2}$	.....	4.4638	4.4796	4.5386	4.4664
24.....	$3s^2 3p^4$ (^{1}D)3d	$^2F_{7/2}$	4.4286	4.4981	4.5147	4.5689	4.5020
25.....	$3s^2 3p^4$ (^{1}S)3d	$^2D_{3/2}$	4.6639	4.7849	4.8102	4.7120	4.7243
26.....	$3s^2 3p^4$ (^{1}S)3d	$^2D_{5/2}$	.....	4.8234	4.8497	4.9266	4.7618
27.....	$3s^2 3p^4$ (^{1}D)3d	$^2S_{1/2}$	4.9380	5.2766	5.3189	4.9886	5.0228
28.....	$3s^2 3p^4$ (^{3}P)3d	$^2P_{3/2}$	5.1414	5.3219	5.3605	5.2806	5.2727
29.....	$3s^2 3p^4$ (^{3}P)3d	$^2P_{1/2}$	5.1941	5.3762	5.4141	5.3628	5.3243
30.....	$3s^2 3p^4$ (^{3}P)3d	$^2D_{5/2}$	5.2211	5.4723	5.5127	5.3950	5.3428
31.....	$3s^2 3p^4$ (^{3}P)3d	$^2D_{3/2}$	5.3422	5.5857	5.6339	5.5132	5.4633
32.....	$3s3p^5$(^{3}P)3d	$^4P^o_{1/2}$	.....	6.4777	6.4698	6.1094	6.2252
33.....	$3s3p^5$(^{3}P)3d	$^4P^o_{3/2}$	.....	6.5033	6.4953	6.1323	6.2485
34.....	$3s3p^5$(^{3}P)3d	$^4P^o_{5/2}$	.....	6.5485	6.5411	6.1760	6.2905
35.....	$3s3p^5$(^{3}P)3d	$^4F^o_{9/2}$	6.3484	6.6584	6.6513	6.3568	6.5516
36.....	$3s3p^5$(^{3}P)3d	$^4F^o_{7/2}$	6.3742	6.6857	6.6817	6.3834	6.5771
37.....	$3s3p^5$(^{3}P)3d	$^4F^o_{5/2}$	6.4024	6.7131	6.7121	6.4115	6.6044
38.....	$3s3p^5$(^{3}P)3d	$^4F^o_{3/2}$	6.4283	6.7369	6.7385	6.4366	6.6293
39.....	$3s3p^5$(^{3}P)3d	$^4D^o_{7/2}$	.....	6.9896	6.9929	6.7351	6.8504
40.....	$3s3p^5$(^{3}P)3d	$^4D^o_{1/2}$	.....	7.0050	7.0142	6.7480	6.8630
41.....	$3s3p^5$(^{3}P)3d	$^4D^o_{5/2}$	.....	7.0058	7.0116	6.7482	6.8662
42.....	$3s3p^5$(^{3}P)3d	$^4D^o_{3/2}$	.....	7.0080	7.0160	6.7507	6.8678

Index	Configuration	Level	NIST	BD	GRASP4	DGM	GRASP8
43.....	$3s3p^5(^3P)3d$	$^2F^o_{7/2}$	.....	7.2283	7.2411	6.8396	6.9268
44.....	$3s3p^5(^3P)3d$	$^2F^o_{5/2}$	.....	7.2554	7.3246	6.8890	6.9859
45.....	$3s3p^5(^3P)3d$	$^2D^o_{3/2}$	.....	7.2845	7.2975	6.9375	7.0510
46.....	$3s3p^5(^3P)3d$	$^2D^o_{5/2}$	.....	7.3078	7.2679	6.9562	7.0664
47.....	$3s3p^5(^1P)3d$	$^2P^o_{1/2}$	.....	7.5371	7.5536	7.0603	7.1458
48.....	$3s3p^5(^1P)3d$	$^2P^o_{3/2}$	.....	7.6084	7.6294	7.1273	7.2206
49.....	$3s3p^5(^1P)3d$	$^2F^o_{5/2}$	.....	7.9368	7.9637	7.3210	7.4237
50.....	$3s3p^5(^1P)3d$	$^2F^o_{7/2}$	.....	7.9483	7.9728	7.3556	7.4626
51.....	$3s3p^5(^1P)3d$	$^2D^o_{3/2}$	.....	8.1956	8.2299	7.5919	7.6777
52.....	$3s3p^5(^1P)3d$	$^2D^o_{5/2}$	.....	8.2031	8.2350	7.6056	7.6931
53.....	$3s3p^5(^3P)3d$	$^2P^o_{1/2}$	.....	8.8872	8.9439	7.9995	8.2058
54.....	$3s3p^5(^3P)3d$	$^2P^o_{3/2}$	.....	8.8768	8.9304	8.0054	8.2119

NIST (`http://www.physics.nist/gov/PhysRefData`)
BD: Bhatia & Doschek (1995)
DGM: Deb et al. (2002)
GRASP4: Present results from 4 configurations and 54 levels
GRASP8: Present results from 8 configurations and 669 levels

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
1	3	3.502+02	2.975+09	2.734-02	1.261-01
1	4	2.569+02	6.750+06	1.002-04	3.389-04
1	6	2.561+02	6.298+06	6.191-05	2.088-04
1	7	2.551+02	3.639+06	1.775-05	5.962-05
1	9	2.360+02	5.728+07	2.392-04	7.435-04
1	11	2.324+02	4.511+07	5.476-04	1.675-03
1	12	2.316+02	1.238+08	9.960-04	3.038-03
1	13	2.314+02	2.689+08	2.160-03	6.582-03
1	14	2.281+02	2.279+08	1.778-03	5.343-03
1	15	2.279+02	2.827+08	1.100-03	3.302-03
1	16	2.254+02	3.610+06	2.749-05	8.158-05
1	17	2.244+02	1.134+08	1.283-03	3.792-03
1	19	2.231+02	5.871+07	6.575-04	1.932-03
1	22	2.173+02	2.182+07	2.318-04	6.632-04
1	23	2.040+02	1.662+08	1.555-03	4.179-03
1	25	1.929+02	6.606+08	3.685-03	9.359-03
1	26	1.914+02	3.073+08	2.531-03	6.378-03
1	27	1.814+02	1.326+11	3.272-01	7.816-01
1	28	1.728+02	1.605+11	7.188-01	1.636-00
1	29	1.711+02	4.230+10	9.289-02	2.094-01
1	30	1.706+02	1.977+11	1.293-00	2.905-00
1	31	1.668+02	7.924+09	3.305-02	7.259-02
2	3	3.705+02	1.299+09	2.674-02	6.522-02
2	6	2.668+02	7.275+04	1.552-06	2.727-06
2	7	2.657+02	5.103+06	5.401-05	9.448-05
2	9	2.451+02	2.566+08	2.311-03	3.729-03
2	12	2.403+02	1.157+08	2.003-03	3.170-03
2	13	2.401+02	4.577+07	7.913-04	1.251-03
2	14	2.366+02	1.032+08	1.733-03	2.699-03
2	15	2.363+02	4.945+07	4.139-04	6.439-04
2	16	2.336+02	2.139+06	3.501-05	5.384-05
2	25	1.989+02	2.118+08	2.512-03	3.290-03
2	27	1.867+02	4.342+10	2.270-01	2.790-01
2	28	1.776+02	3.849+09	3.641-02	4.259-02
2	29	1.759+02	1.180+11	5.472-01	6.336-01
2	31	1.713+02	1.867+11	1.642-00	1.851-00
3	32	2.515+02	1.612+06	1.529-05	2.533-05
3	33	2.499+02	4.332+06	8.113-05	1.335-04
3	38	2.263+02	2.891+05	4.438-06	6.613-06
3	40	2.139+02	1.720+07	1.180-04	1.661-04
3	42	2.136+02	2.043+07	2.796-04	3.933-04
3	45	2.048+02	3.765+08	4.736-03	6.388-03
3	47	2.006+02	3.434+09	2.071-02	2.735-02
3	48	1.973+02	2.125+09	2.481-02	3.223-02
3	51	1.796+02	3.848+08	3.720-03	4.397-03
3	53	1.626+02	1.701+11	6.746-01	7.223-01

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
3	54	1.624+02	1.690+11	1.337-00	1.430-00
4	33	3.374+02	1.970+09	2.241-02	1.493-01
4	34	3.322+02	5.526+08	9.141-03	5.998-02
4	36	3.008+02	2.579+09	4.664-02	2.771-01
4	37	2.981+02	1.454+09	1.937-02	1.141-01
4	38	2.957+02	1.943+08	1.698-03	9.915-03
4	39	2.759+02	2.210+08	3.363-03	1.833-02
4	41	2.746+02	5.068+08	5.728-03	3.107-02
4	42	2.744+02	3.752+08	2.825-03	1.531-02
4	43	2.696+02	2.753+07	4.001-04	2.131-03
4	44	2.650+02	2.865+06	3.017-05	1.579-04
4	45	2.601+02	4.478+06	3.028-05	1.556-04
4	46	2.590+02	1.793+05	1.802-06	9.218-06
4	48	2.481+02	3.282+07	2.019-04	9.893-04
4	49	2.351+02	1.153+07	9.555-05	4.437-04
4	50	2.328+02	4.202+06	4.550-05	2.092-04
4	51	2.206+02	4.056+07	1.973-04	8.598-04
4	52	2.198+02	9.859+07	7.141-04	3.100-03
4	54	1.954+02	3.076+07	1.173-04	4.528-04
5	34	3.321+02	2.448+09	3.036-02	2.656-01
5	35	3.033+02	3.254+09	5.608-02	4.479-01
5	36	3.007+02	1.091+09	1.479-02	1.172-01
5	37	2.980+02	1.344+08	1.342-03	1.053-02
5	39	2.758+02	8.715+08	9.941-03	7.222-02
5	41	2.745+02	1.772+08	1.501-03	1.085-02
5	43	2.696+02	1.001+05	1.090-06	7.743-06
5	44	2.650+02	1.043+06	8.231-06	5.744-05
5	46	2.589+02	1.891+04	1.425-07	9.717-07
5	49	2.351+02	1.972+06	1.225-05	7.582-05
5	50	2.327+02	2.062+07	1.674-04	1.026-03
5	52	2.198+02	2.225+07	1.208-04	6.994-04
6	32	3.417+02	1.613+09	1.412-02	6.356-02
6	33	3.388+02	9.678+08	1.665-02	7.430-02
6	34	3.336+02	4.823+07	1.207-03	5.302-03
6	37	2.992+02	2.264+09	4.557-02	1.795-01
6	38	2.968+02	1.416+09	1.870-02	7.309-02
6	40	2.758+02	6.608+08	3.767-03	1.368-02
6	41	2.755+02	3.366+08	5.746-03	2.085-02
6	42	2.754+02	3.870+08	4.400-03	1.595-02
6	44	2.659+02	4.954+04	7.875-07	2.757-06
6	45	2.609+02	2.310+06	2.358-05	8.103-05
6	46	2.598+02	1.444+07	2.191-04	7.494-04
6	47	2.540+02	7.261+07	3.512-04	1.175-03
6	48	2.489+02	1.162+07	1.079-04	3.537-04
6	49	2.358+02	6.550+06	8.187-05	2.542-04
6	51	2.212+02	1.354+08	9.934-04	2.894-03

Table 2. Transition energies (ΔE_{ij} in $\mathring{A}$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
6	52	2.204+02	4.042+06	4.416-05	1.282-04
6	53	1.961+02	3.175+07	9.152-05	2.363-04
6	54	1.958+02	4.184+06	2.406-05	6.204-05
7	32	3.435+02	1.564+09	2.766-02	6.256-02
7	33	3.405+02	1.352+08	4.699-03	1.054-02
7	38	2.981+02	2.302+09	6.134-02	1.204-01
7	40	2.769+02	6.674+08	7.673-03	1.399-02
7	42	2.765+02	3.696+08	8.474-03	1.543-02
7	45	2.620+02	4.271+07	8.788-04	1.516-03
7	47	2.550+02	3.546+07	3.457-04	5.805-04
7	48	2.498+02	1.700+06	3.180-05	5.229-05
7	51	2.220+02	5.139+07	7.592-04	1.110-03
7	53	1.967+02	7.144+06	4.143-05	5.364-05
7	54	1.964+02	1.006+07	1.164-04	1.505-04
8	35	3.362+02	2.611+09	4.424-02	4.896-01
8	36	3.330+02	1.549+08	2.061-03	2.259-02
8	39	3.028+02	2.193+09	2.411-02	2.403-01
8	43	2.953+02	1.607+08	1.681-03	1.634-02
8	50	2.516+02	2.778+08	2.109-03	1.747-02
9	32	3.854+02	2.265+07	5.043-04	1.280-03
9	33	3.816+02	1.335+07	5.831-04	1.465-03
9	38	3.291+02	8.008+06	2.601-04	5.638-04
9	40	3.035+02	8.495+07	1.173-03	2.345-03
9	42	3.030+02	5.196+07	1.431-03	2.855-03
9	45	2.856+02	2.068+09	5.059-02	9.514-02
9	47	2.774+02	2.293+09	2.645-02	4.831-02
9	48	2.712+02	1.068+08	2.355-03	4.206-03
9	51	2.388+02	1.970+09	3.366-02	5.292-02
9	53	2.097+02	5.302+07	3.496-04	4.828-04
9	54	2.094+02	5.961+07	7.840-04	1.081-03
10	34	3.792+02	4.627+06	7.483-05	7.474-04
10	35	3.421+02	4.156+08	9.115-03	8.211-02
10	36	3.388+02	1.992+09	3.428-02	3.059-01
10	37	3.354+02	2.548+08	3.223-03	2.847-02
10	39	3.076+02	1.745+07	2.475-04	2.005-03
10	41	3.059+02	2.286+09	2.406-02	1.939-01
10	43	2.998+02	2.691+07	3.627-04	2.864-03
10	44	2.941+02	1.599+07	1.555-04	1.205-03
10	46	2.867+02	2.184+06	2.018-05	1.524-04
10	49	2.577+02	2.135+08	1.594-03	1.082-02
10	50	2.549+02	4.291+06	4.180-05	2.806-04
10	52	2.395+02	2.359+06	1.521-05	9.592-05
11	33	3.917+02	1.670+06	2.561-05	1.982-04
11	34	3.848+02	1.804+05	4.003-06	3.042-05
11	36	3.432+02	5.570+08	1.311-02	8.891-02
11	37	3.397+02	1.912+09	3.308-02	2.220-01

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
11	38	3.366+02	3.349+08	3.793-03	2.522-02
11	39	3.112+02	2.097+06	4.059-05	2.495-04
11	41	3.095+02	1.050+08	1.508-03	9.218-03
11	42	3.093+02	2.162+09	2.068-02	1.264-01
11	43	3.033+02	5.732+04	1.054-06	6.313-06
11	44	2.974+02	3.464+06	4.594-05	2.699-04
11	45	2.912+02	1.850+06	1.568-05	9.022-05
11	46	2.898+02	6.802+06	8.564-05	4.902-04
11	48	2.763+02	4.730+06	3.608-05	1.969-04
11	49	2.602+02	3.245+04	3.295-07	1.694-06
11	50	2.574+02	2.414+06	3.197-05	1.626-04
11	51	2.426+02	2.289+07	1.347-04	6.455-04
11	52	2.416+02	7.597+06	6.651-05	3.174-04
11	54	2.124+02	3.013+07	1.359-04	5.702-04
12	32	3.978+02	3.543+06	4.203-05	2.202-04
12	33	3.938+02	1.500+07	3.488-04	1.809-03
12	34	3.868+02	6.368+06	2.142-04	1.091-03
12	37	3.413+02	2.841+08	7.442-03	3.345-02
12	38	3.382+02	1.367+09	2.344-02	1.044-01
12	40	3.112+02	9.374+08	6.804-03	2.788-02
12	41	3.108+02	1.784+08	3.875-03	1.586-02
12	42	3.107+02	4.479+08	6.481-03	2.651-02
12	44	2.986+02	1.224+08	2.454-03	9.650-03
12	45	2.924+02	2.599+07	3.331-04	1.283-03
12	46	2.910+02	4.931+08	9.387-03	3.597-02
12	47	2.838+02	4.214+08	2.544-03	9.505-03
12	48	2.773+02	1.144+09	1.318-02	4.814-02
12	49	2.612+02	6.855+06	1.052-04	3.616-04
12	51	2.434+02	2.819+07	2.505-04	8.031-04
12	52	2.424+02	9.230+08	1.220-02	3.895-02
12	53	2.134+02	2.396+07	8.176-05	2.297-04
12	54	2.130+02	1.076+08	7.323-04	2.054-03
13	32	3.983+02	2.000+06	2.379-05	1.248-04
13	33	3.943+02	2.763+07	6.441-04	3.344-03
13	34	3.873+02	9.087+06	3.065-04	1.563-03
13	37	3.417+02	1.454+08	3.817-03	1.718-02
13	38	3.385+02	8.473+08	1.456-02	6.490-02
13	40	3.115+02	1.294+09	9.414-03	3.861-02
13	41	3.111+02	2.136+08	4.651-03	1.906-02
13	42	3.110+02	1.238+07	1.796-04	7.353-04
13	44	2.989+02	3.427+08	6.887-03	2.711-02
13	45	2.927+02	4.412+07	5.666-04	2.184-03
13	46	2.912+02	3.597+08	6.861-03	2.631-02
13	47	2.840+02	1.267+09	7.660-03	2.865-02
13	48	2.776+02	1.861+09	2.149-02	7.857-02
13	49	2.614+02	1.682+08	2.584-03	8.896-03

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
13	51	2.436+02	6.016+08	5.354-03	1.718-02
13	52	2.426+02	1.073+09	1.421-02	4.539-02
13	53	2.135+02	1.488+08	5.085-04	1.430-03
13	54	2.132+02	5.783+07	3.941-04	1.106-03
14	32	4.085+02	5.960+07	7.454-04	4.010-03
14	33	4.042+02	6.889+05	1.688-05	8.985-05
14	34	3.969+02	1.045+07	3.700-04	1.934-03
14	37	3.491+02	6.727+07	1.844-03	8.477-03
14	38	3.458+02	9.745+07	1.747-03	7.957-03
14	40	3.176+02	1.827+08	1.382-03	5.781-03
14	41	3.173+02	2.095+08	4.742-03	1.981-02
14	42	3.171+02	9.315+07	1.404-03	5.865-03
14	44	3.046+02	1.928+08	4.022-03	1.613-02
14	45	2.981+02	4.947+08	6.591-03	2.588-02
14	46	2.966+02	3.606+08	7.134-03	2.787-02
14	47	2.891+02	3.121+09	1.956-02	7.447-02
14	48	2.824+02	1.088+08	1.301-03	4.837-03
14	49	2.657+02	1.737+09	2.758-02	9.651-02
14	51	2.474+02	2.358+09	2.163-02	7.048-02
14	52	2.464+02	2.694+08	3.677-03	1.193-02
14	53	2.164+02	2.561+08	8.987-04	2.561-03
14	54	2.161+02	3.261+05	2.282-06	6.494-06
15	32	4.094+02	6.762+07	1.699-03	4.579-03
15	33	4.051+02	2.448+08	1.205-02	3.214-02
15	38	3.465+02	1.500+06	5.398-05	1.232-04
15	40	3.182+02	2.159+09	3.277-02	6.866-02
15	42	3.177+02	1.144+09	3.463-02	7.243-02
15	45	2.986+02	3.967+07	1.061-03	2.085-03
15	47	2.896+02	1.218+08	1.532-03	2.921-03
15	48	2.829+02	1.620+06	3.887-05	7.239-05
15	51	2.477+02	1.600+07	2.944-04	4.802-04
15	53	2.166+02	2.426+07	1.707-04	2.434-04
15	54	2.163+02	7.781+06	1.092-04	1.555-04
16	32	4.177+02	1.771+08	2.316-03	1.274-02
16	33	4.133+02	5.083+07	1.302-03	7.084-03
16	34	4.055+02	1.971+08	7.290-03	3.893-02
16	37	3.558+02	3.310+04	9.424-07	4.416-06
16	38	3.524+02	9.968+06	1.856-04	8.613-04
16	40	3.232+02	2.810+08	2.201-03	9.367-03
16	41	3.228+02	1.427+09	3.343-02	1.421-01
16	42	3.226+02	1.089+09	1.699-02	7.220-02
16	44	3.097+02	1.406+07	3.032-04	1.236-03
16	45	3.030+02	2.943+07	4.051-04	1.616-03
16	46	3.015+02	4.264+08	8.713-03	3.459-02
16	47	2.937+02	2.766+06	1.789-05	6.919-05
16	48	2.868+02	6.234+08	7.688-03	2.904-02

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
16	49	2.696+02	1.563+08	2.555-03	9.070-03
16	51	2.508+02	9.674+07	9.120-04	3.011-03
16	52	2.497+02	4.028+08	5.648-03	1.857-02
16	53	2.189+02	1.601+07	5.753-05	1.659-04
16	54	2.186+02	4.794+05	3.435-06	9.888-06
17	33	4.167+02	8.848+07	1.535-03	1.264-02
17	34	4.088+02	9.914+07	2.484-03	2.006-02
17	36	3.622+02	1.496+07	3.925-04	2.808-03
17	37	3.584+02	1.296+05	2.495-06	1.766-05
17	38	3.549+02	1.855+05	2.335-06	1.637-05
17	39	3.268+02	1.726+09	3.684-02	2.378-01
17	41	3.249+02	4.641+08	7.345-03	4.714-02
17	42	3.247+02	7.221+07	7.610-04	4.881-03
17	43	3.180+02	1.534+07	3.101-04	1.948-03
17	44	3.116+02	2.313+08	3.367-03	2.073-02
17	45	3.048+02	1.763+08	1.637-03	9.859-03
17	46	3.033+02	4.640+07	6.397-04	3.832-03
17	48	2.885+02	1.209+09	1.006-02	5.730-02
17	49	2.710+02	1.298+08	1.430-03	7.654-03
17	50	2.679+02	9.374+08	1.345-02	7.119-02
17	51	2.520+02	1.236+08	7.846-04	3.905-03
17	52	2.509+02	1.285+09	1.213-02	6.010-02
17	54	2.196+02	2.101+08	1.012-03	4.391-03
18	34	4.107+02	1.323+06	2.509-05	2.714-04
18	35	3.675+02	4.035+07	1.021-03	9.881-03
18	36	3.637+02	4.339+07	8.605-04	8.243-03
18	37	3.598+02	5.350+06	7.787-05	7.378-04
18	39	3.279+02	2.810+07	4.530-04	3.912-03
18	41	3.261+02	1.934+07	2.312-04	1.986-03
18	43	3.192+02	1.216+09	1.857-02	1.561-01
18	44	3.127+02	2.234+08	2.456-03	2.023-02
18	46	3.043+02	1.255+09	1.306-02	1.047-01
18	49	2.719+02	2.595+09	2.156-02	1.544-01
18	50	2.687+02	1.276+08	1.381-03	9.774-03
18	52	2.516+02	9.685+08	6.895-03	4.569-02
19	33	4.209+02	1.656+07	2.933-04	2.439-03
19	34	4.129+02	1.994+08	5.096-03	4.157-02
19	36	3.655+02	2.787+05	7.441-06	5.371-05
19	37	3.615+02	1.866+06	3.655-05	2.610-04
19	38	3.580+02	8.813+04	1.129-06	7.981-06
19	39	3.294+02	1.051+09	2.278-02	1.482-01
19	41	3.275+02	3.609+08	5.803-03	3.754-02
19	42	3.273+02	6.800+07	7.280-04	4.707-03
19	43	3.205+02	3.193+08	6.556-03	4.151-02
19	44	3.140+02	1.718+08	2.539-03	1.575-02
19	45	3.071+02	1.735+08	1.636-03	9.922-03

Table 2. Transition energies (ΔE_{ij} in $\mathring{A}$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
19	46	3.055+02	1.578+07	2.208-04	1.333-03
19	48	2.905+02	1.540+09	1.299-02	7.452-02
19	49	2.728+02	1.864+08	2.081-03	1.121-02
19	50	2.697+02	1.567+09	2.279-02	1.214-01
19	51	2.536+02	1.926+08	1.238-03	6.198-03
19	52	2.525+02	1.831+09	1.750-02	8.725-02
19	54	2.207+02	1.850+08	9.008-04	3.928-03
20	35	3.812+02	8.824+07	1.922-03	2.413-02
20	36	3.772+02	6.620+05	1.130-05	1.403-04
20	39	3.389+02	2.320+07	3.196-04	3.565-03
20	43	3.295+02	1.022+08	1.332-03	1.444-02
20	50	2.760+02	8.084+09	7.387-02	6.713-01
21	34	4.289+02	2.914+05	6.028-06	6.810-05
21	35	3.820+02	5.803+05	1.587-05	1.597-04
21	36	3.780+02	2.247+07	4.813-04	4.791-03
21	37	3.737+02	6.902+06	1.084-04	1.067-03
21	39	3.395+02	8.511+06	1.470-04	1.315-03
21	41	3.375+02	2.721+06	3.485-05	3.097-04
21	43	3.301+02	4.536+08	7.409-03	6.441-02
21	44	3.232+02	1.412+07	1.658-04	1.411-03
21	46	3.142+02	4.004+08	4.444-03	3.677-02
21	49	2.797+02	5.911+09	5.201-02	3.832-01
21	50	2.764+02	3.518+07	4.030-04	2.934-03
21	52	2.584+02	7.024+08	5.272-03	3.587-02
22	33	4.435+02	8.863+05	1.742-05	1.526-04
22	34	4.346+02	8.358+02	2.366-08	2.031-07
22	36	3.823+02	2.465+06	7.202-05	5.438-04
22	37	3.780+02	1.176+06	2.520-05	1.881-04
22	38	3.741+02	1.298+07	1.816-04	1.342-03
22	39	3.430+02	1.266+07	2.977-04	2.017-03
22	41	3.410+02	3.473+05	6.053-06	4.077-05
22	42	3.407+02	5.688+04	6.600-07	4.442-06
22	43	3.334+02	8.319+07	1.848-03	1.217-02
22	44	3.263+02	1.180+09	1.883-02	1.214-01
22	45	3.189+02	1.364+09	1.387-02	8.735-02
22	46	3.172+02	3.032+08	4.573-03	2.865-02
22	48	3.010+02	6.855+08	6.209-03	3.692-02
22	49	2.821+02	1.739+08	2.075-03	1.156-02
22	50	2.788+02	2.319+07	3.602-04	1.984-03
22	51	2.615+02	1.745+09	1.193-02	6.163-02
22	52	2.604+02	1.181+06	1.200-05	6.173-05
22	54	2.268+02	3.261+06	1.676-05	7.508-05
23	33	5.114+02	2.707+03	7.075-08	7.146-07
23	34	4.996+02	2.671+04	9.995-07	9.863-06
23	36	4.317+02	1.477+03	5.505-08	4.694-07
23	37	4.262+02	2.955+05	8.048-06	6.776-05

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),

and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
23	38	4.213+02	3.256+05	5.776-06	4.807-05
23	39	3.822+02	6.159+06	1.799-04	1.358-03
23	41	3.797+02	9.287+06	2.008-04	1.506-03
23	42	3.795+02	4.353+06	6.264-05	4.696-04
23	43	3.704+02	8.747+06	2.399-04	1.755-03
23	44	3.617+02	1.711+08	3.356-03	2.398-02
23	45	3.526+02	2.210+07	2.745-04	1.912-03
23	46	3.505+02	1.752+08	3.226-03	2.233-02
23	48	3.309+02	2.998+07	3.280-04	2.144-03
23	49	3.081+02	1.731+09	2.464-02	1.500-01
23	50	3.041+02	1.475+08	2.727-03	1.639-02
23	51	2.838+02	4.609+09	3.709-02	2.079-01
23	52	2.824+02	5.842+08	6.986-03	3.897-02
23	54	2.433+02	2.143+05	1.268-06	6.093-06
24	34	5.095+02	8.506+04	2.483-06	3.332-05
24	35	4.446+02	3.491+05	1.293-05	1.514-04
24	36	4.391+02	2.745+05	7.937-06	9.180-05
24	37	4.334+02	5.239+04	1.107-06	1.263-05
24	39	3.880+02	3.679+07	8.305-04	8.487-03
24	41	3.854+02	4.047+06	6.760-05	6.862-04
24	43	3.758+02	1.432+08	3.032-03	3.001-02
24	44	3.669+02	1.236+07	1.870-04	1.807-03
24	46	3.554+02	5.093+07	7.231-04	6.768-03
24	49	3.119+02	1.603+07	1.754-04	1.441-03
24	50	3.078+02	2.138+09	3.037-02	2.462-01
24	52	2.856+02	4.646+09	4.259-02	3.204-01
25	32	6.072+02	6.475+03	1.789-07	1.431-06
25	33	5.979+02	1.190+05	6.380-06	5.023-05
25	34	5.818+02	2.720+04	2.071-06	1.587-05
25	37	4.847+02	1.406+06	7.427-05	4.741-04
25	38	4.784+02	2.941+06	1.009-04	6.356-04
25	40	4.261+02	1.872+07	2.548-04	1.429-03
25	41	4.255+02	1.409+06	5.734-05	3.213-04
25	42	4.251+02	2.998+06	8.123-05	4.547-04
25	44	4.029+02	1.297+07	4.734-04	2.512-03
25	45	3.917+02	4.444+07	1.022-03	5.270-03
25	46	3.891+02	6.911+05	2.353-05	1.206-04
25	47	3.763+02	8.492+07	9.015-04	4.467-03
25	48	3.650+02	7.572+06	1.513-04	7.272-04
25	49	3.376+02	2.900+07	7.433-04	3.304-03
25	51	3.085+02	1.181+09	1.686-02	6.851-02
25	52	3.070+02	1.587+08	3.362-03	1.359-02
25	53	2.618+02	1.378+08	7.077-04	2.440-03
25	54	2.613+02	8.115+07	8.306-04	2.858-03
26	33	6.130+02	2.892+01	1.086-09	1.315-08
26	34	5.961+02	5.822+05	3.102-05	3.652-04

Table 2. Transition energies (ΔE_{ij} in $\mathring{A}$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
26	36	5.020+02	8.666+05	4.366-05	4.329-04
26	37	4.946+02	6.208+05	2.276-05	2.224-04
26	38	4.880+02	1.929+05	4.591-06	4.426-05
26	39	4.363+02	6.810+06	2.591-04	2.233-03
26	41	4.330+02	2.390+06	6.718-05	5.746-04
26	42	4.327+02	5.863+06	1.097-04	9.377-04
26	43	4.209+02	2.263+07	8.015-04	6.664-03
26	44	4.097+02	2.237+07	5.630-04	4.557-03
26	45	3.981+02	2.351+07	3.724-04	2.928-03
26	46	3.954+02	7.265+06	1.703-04	1.330-03
26	48	3.706+02	6.352+07	8.721-04	6.384-03
26	49	3.423+02	3.119+06	5.480-05	3.705-04
26	50	3.374+02	7.701+07	1.753-03	1.168-02
26	51	3.125+02	1.662+08	1.623-03	1.002-02
26	52	3.109+02	1.072+09	1.554-02	9.541-02
26	54	2.641+02	6.971+07	4.861-04	2.536-03
27	32	7.579+02	1.480+05	1.275-05	6.360-05
27	33	7.435+02	3.560+05	5.902-05	2.889-04
27	38	5.672+02	1.046+02	1.009-08	3.768-08
27	40	4.952+02	1.358+06	4.992-05	1.628-04
27	42	4.939+02	2.105+05	1.540-05	5.007-05
27	45	4.493+02	2.336+07	1.414-03	4.182-03
27	47	4.292+02	2.675+08	7.388-03	2.088-02
27	48	4.146+02	2.103+08	1.084-02	2.959-02
27	51	3.432+02	2.227+04	7.868-07	1.778-06
27	53	2.863+02	1.248+08	1.533-03	2.890-03
27	54	2.858+02	3.577+07	8.758-04	1.648-03
28	32	9.567+02	8.061+03	5.530-07	6.967-06
28	33	9.339+02	2.801+04	3.662-06	4.503-05
28	34	8.953+02	2.565+04	4.624-06	5.452-05
28	37	6.842+02	9.026+04	9.504-06	8.563-05
28	38	6.717+02	8.087+03	5.470-07	4.838-06
28	40	5.730+02	7.702+05	1.895-05	1.430-04
28	41	5.718+02	1.855+06	1.364-04	1.027-03
28	42	5.713+02	2.726+04	1.333-06	1.003-05
28	44	5.319+02	4.122+07	2.623-03	1.837-02
28	45	5.124+02	3.146+07	1.238-03	8.355-03
28	46	5.080+02	3.414+07	1.981-03	1.325-02
28	47	4.865+02	3.236+07	5.740-04	3.677-03
28	48	4.678+02	3.836+07	1.259-03	7.754-03
28	49	4.236+02	2.746+04	1.108-06	6.182-06
28	51	3.789+02	3.615+07	7.781-04	3.882-03
28	52	3.765+02	5.171+07	1.648-03	8.171-03
28	53	3.107+02	9.900+08	7.163-03	2.931-02
28	54	3.100+02	6.883+08	9.919-03	4.050-02
29	32	1.012+03	1.753+04	2.690-06	1.792-05

Table 2. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric dipole (E1) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

i	j	ΔE_{ij}	A_{ji}	f_{ij}	S
29	33	9.861+02	3.201+02	9.333-08	6.060-07
29	38	6.983+02	6.514+03	9.523-07	4.379-06
29	40	5.922+02	7.172+05	3.771-05	1.471-04
29	42	5.904+02	1.251+06	1.307-04	5.082-04
29	45	5.278+02	3.337+07	2.786-03	9.683-03
29	47	5.003+02	2.926+07	1.098-03	3.616-03
29	48	4.806+02	4.357+07	3.017-03	9.545-03
29	51	3.872+02	9.414+07	4.233-03	1.079-02
29	53	3.162+02	7.353+08	1.103-02	2.296-02
29	54	3.156+02	1.778+08	5.310-03	1.103-02
30	33	1.006+03	2.442+03	2.472-07	4.913-06
30	34	9.616+02	4.414+03	6.119-07	1.162-05
30	36	7.383+02	6.647+05	7.243-05	1.056-03
30	37	7.223+02	2.800+03	2.190-07	3.125-06
30	38	7.083+02	2.169+04	1.088-06	1.522-05
30	39	6.045+02	9.864+05	7.204-05	8.602-04
30	41	5.982+02	2.151+05	1.154-05	1.364-04
30	42	5.975+02	1.937+04	6.912-07	8.159-06
30	43	5.753+02	5.847+07	3.869-03	4.396-02
30	44	5.546+02	1.081+07	4.985-04	5.461-03
30	45	5.335+02	1.510+06	4.295-05	4.526-04
30	46	5.287+02	2.406+06	1.008-04	1.053-03
30	48	4.853+02	1.239+06	2.916-05	2.795-04
30	49	4.379+02	2.305+06	6.628-05	5.733-04
30	50	4.299+02	1.981+05	7.317-06	6.214-05
30	51	3.903+02	4.949+06	7.535-05	5.809-04
30	52	3.877+02	3.735+07	8.419-04	6.448-03
30	54	3.176+02	1.877+09	1.892-02	1.187-01
31	32	1.196+03	3.938+02	4.223-08	6.651-07
31	33	1.161+03	2.392+02	4.831-08	7.384-07
31	34	1.102+03	1.218+03	3.324-07	4.822-06
31	37	7.986+02	2.999+05	4.301-05	4.523-04
31	38	7.815+02	8.881+04	8.132-06	8.369-05
31	40	6.510+02	3.878+03	1.232-07	1.056-06
31	41	6.495+02	3.072+05	2.914-05	2.493-04
31	42	6.488+02	1.221+05	7.707-06	6.585-05
31	44	5.985+02	1.332+07	1.073-03	8.454-03
31	45	5.739+02	2.340+06	1.155-04	8.732-04
31	46	5.684+02	3.667+07	2.665-03	1.995-02
31	47	5.416+02	3.844+05	8.452-06	6.028-05
31	48	5.186+02	4.760+06	1.919-04	1.310-03
31	49	4.648+02	6.734+06	3.272-04	2.003-03
31	51	4.115+02	2.634+07	6.687-04	3.624-03
31	52	4.087+02	1.151+07	4.322-04	2.326-03
31	53	3.323+02	1.422+09	1.177-02	5.151-02
31	54	3.315+02	4.080+08	6.723-03	2.935-02

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transiti	
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}
1	2	6.388+03	1.628-02	4.981-11	3.094-01	6.890+01	2.108-07	1.332-00	.....	.....
1	3	3.502+02	.....	.....	.....	.....	.....	.....	2.804+01	2.577-10
1	4	2.569+02	.....	.....	.....	.....	.....	.....	1.434-00	2.128-11
1	5	2.569+02	.....	.....	.....	.....	.....	.....	5.877+01	1.163-09
1	6	2.561+02	.....	.....	.....	.....	.....	.....	1.155-00	1.136-11
1	7	2.551+02	.....	.....	.....	.....	.....	.....	6.240-00	3.043-11
1	9	2.360+02	.....	.....	.....	.....	.....	.....	9.882+01	4.127-10
1	10	2.344+02	.....	.....	.....	.....	.....	.....	2.993-00	4.930-11
1	11	2.324+02	.....	.....	.....	.....	.....	.....	3.075-01	3.733-12
1	12	2.316+02	.....	.....	.....	.....	.....	.....	6.284-00	5.053-11
1	13	2.314+02	.....	.....	.....	.....	.....	.....	2.267-00	1.820-11
1	14	2.281+02	.....	.....	.....	.....	.....	.....	3.268+01	2.550-10
1	15	2.279+02	.....	.....	.....	.....	.....	.....	1.556+01	6.056-11
1	16	2.254+02	.....	.....	.....	.....	.....	.....	2.717-00	2.069-11
1	17	2.244+02	.....	.....	.....	.....	.....	.....	5.006+01	5.667-10
1	18	2.238+02	.....	.....	.....	.....	.....	.....	1.407+01	2.114-10
1	19	2.231+02	.....	.....	.....	.....	.....	.....	2.205-00	2.469-11
1	21	2.187+02	.....	.....	.....	.....	.....	.....	1.100+01	1.578-10
1	22	2.173+02	.....	.....	.....	.....	.....	.....	7.033-00	7.468-11
1	23	2.040+02	.....	.....	.....	.....	.....	.....	9.205-01	8.616-12
1	24	2.024+02	.....	.....	.....	.....	.....	.....	1.563-00	1.920-11
1	25	1.929+02	.....	.....	.....	.....	.....	.....	1.892+01	1.056-10
1	26	1.914+02	.....	.....	.....	.....	.....	.....	2.676+01	2.204-10
1	27	1.814+02	.....	.....	.....	.....	.....	.....	9.780-00	2.413-11
1	28	1.728+02	.....	.....	.....	.....	.....	.....	9.994+01	4.476-10
1	29	1.711+02	.....	.....	.....	.....	.....	.....	3.573-00	7.846-12
1	30	1.706+02	.....	.....	.....	.....	.....	.....	6.710-00	4.390-11
1	31	1.668+02	.....	.....	.....	.....	.....	.....	5.093-00	2.124-11
1	32	1.464+02	2.208+02	3.546-10	2.650-05	7.120-01	1.144-12	1.656-07	.....	.....
1	33	1.458+02	2.795-01	8.913-13	6.587-08	2.521-01	8.037-13	1.159-07	.....	.....

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions	
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}
1	34	1.449+02	4.515+02	2.131-09	1.543-04	2.116-01	9.986-13	1.431-07	.....	.....
1	36	1.386+02	7.140+03	4.109-08	2.604-03	.....	.....	.....	.....	.....
1	37	1.380+02	3.959+03	1.695-08	1.061-03	2.125-01	9.099-13	1.242-07	.....	.....
1	38	1.375+02	5.956+02	1.687-09	1.044-04	3.027-02	8.575-14	1.166-08	.....	.....
1	39	1.330+02	7.531+04	3.996-07	2.241-02	.....	.....	.....	.....	.....
1	40	1.328+02	2.526+04	3.339-08	1.862-03	2.918-02	3.856-14	5.064-09	.....	.....
1	41	1.327+02	7.545+03	2.989-08	1.664-03	1.758-00	6.962-12	9.139-07	.....	.....
1	42	1.327+02	4.332-00	1.143-11	6.364-07	2.008-03	5.301-15	6.956-10	.....	.....
1	43	1.316+02	2.706+06	1.404-05	7.617-01	.....	.....	.....	.....	.....
1	44	1.304+02	2.251+06	8.615-06	4.555-01	2.593-01	9.922-13	1.280-07	.....	.....
1	45	1.292+02	2.156+06	5.399-06	2.777-01	2.129-00	5.330-12	6.814-07	.....	.....
1	46	1.290+02	4.985+05	1.864-06	9.525-02	8.796-01	3.289-12	4.195-07	.....	.....
1	47	1.275+02	3.093+06	3.771-06	1.863-01	1.786+01	2.177-11	2.746-06	.....	.....
1	48	1.262+02	7.110+05	1.698-06	8.130-02	3.147-01	7.514-13	9.380-08	.....	.....
1	49	1.228+02	3.327+04	1.127-07	4.968-03	3.222-02	1.092-13	1.325-08	.....	.....
1	50	1.221+02	1.735+05	7.755-07	3.364-02	.....	.....	.....	.....	.....
1	51	1.187+02	5.967+05	1.260-06	5.020-02	9.531-03	2.013-14	2.363-09	.....	.....
1	52	1.184+02	7.096+05	2.239-06	8.866-02	7.619-04	2.404-15	2.816-10	.....	.....
1	53	1.111+02	2.167+06	2.003-06	6.536-02	6.971-00	6.444-12	7.078-07	.....	.....
1	54	1.110+02	1.114+06	2.056-06	6.694-02	6.905-03	1.275-14	1.399-09	.....	.....
2	4	2.677+02	.....	.....	.....	.....	.....	.....	1.116+01	3.597-10
2	6	2.668+02	.....	.....	.....	.....	.....	.....	4.402-00	9.392-11
2	11	2.411+02	.....	.....	.....	.....	.....	.....	9.332-02	2.440-12
2	12	2.403+02	.....	.....	.....	.....	.....	.....	1.019+01	1.764-10
2	13	2.401+02	.....	.....	.....	.....	.....	.....	1.150+01	1.989-10
2	14	2.366+02	.....	.....	.....	.....	.....	.....	5.863-00	9.841-11
2	16	2.336+02	.....	.....	.....	.....	.....	.....	6.107+01	9.992-10
2	17	2.325+02	.....	.....	.....	.....	.....	.....	1.299+01	3.159-10
2	19	2.312+02	.....	.....	.....	.....	.....	.....	7.585+01	1.824-09
2	22	2.250+02	.....	.....	.....	.....	.....	.....	1.275+01	2.901-10

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
2	23	2.108+02	.....	.....	.....	.....	.....	.....	5.552-00	1.109-10	9.2
2	25	1.989+02	.....	.....	.....	.....	.....	.....	1.271+01	1.507-10	1.0
2	26	1.973+02	.....	.....	.....	.....	.....	.....	2.852-01	4.993-12	3.4
2	28	1.776+02	.....	.....	.....	.....	.....	.....	3.442-00	3.257-11	1.6
2	30	1.752+02	.....	.....	.....	.....	.....	.....	4.473-01	6.177-12	2.9
2	31	1.713+02	.....	.....	.....	.....	.....	.....	1.979-00	1.740-11	7.8
2	32	1.498+02	.....	.....	.....	8.765-01	2.950-12	2.185-07	.....	.....	
2	33	1.492+02	4.859+02	3.245-09	1.285-04	3.913-06	2.613-17	1.929-12	.....	.....	
2	34	1.482+02	1.033+02	1.021-09	3.962-05	.....	.....	.....	.....	.....	
2	37	1.410+02	1.358+03	1.215-08	4.059-04	.....	.....	.....	.....	.....	
2	38	1.405+02	9.874+02	5.843-09	1.930-04	2.478-01	1.466-12	1.019-07	.....	.....	
2	40	1.356+02	.....	.....	.....	4.710-01	1.298-12	8.707-08	.....	.....	
2	41	1.355+02	1.065+04	8.797-08	2.609-03	.....	.....	.....	.....	.....	
2	42	1.355+02	1.032+04	5.681-08	1.684-03	2.601-00	1.432-11	9.595-07	.....	.....	
2	44	1.332+02	5.353+05	4.269-06	1.201-01	.....	.....	.....	.....	.....	
2	45	1.319+02	4.228+05	2.206-06	6.031-02	8.789-02	4.585-13	2.991-08	.....	.....	
2	46	1.316+02	1.905+06	1.484-05	4.031-01	.....	.....	.....	.....	.....	
2	47	1.301+02	.....	.....	.....	6.989-04	1.774-15	1.142-10	.....	.....	
2	48	1.288+02	2.161+06	1.074-05	2.730-01	8.040-00	3.996-11	2.544-06	.....	.....	
2	49	1.252+02	2.986+05	2.104-06	4.913-02	.....	.....	.....	.....	.....	
2	51	1.209+02	6.044+05	2.650-06	5.585-02	2.549-01	1.118-12	6.685-08	.....	.....	
2	52	1.207+02	3.071+05	2.012-06	4.213-02	.....	.....	.....	.....	.....	
2	53	1.130+02	.....	.....	.....	2.655-05	5.084-17	2.842-12	.....	.....	
2	54	1.129+02	1.190+06	4.549-06	7.805-02	2.119-00	8.103-12	4.525-07	.....	.....	
3	4	9.644+02	1.661-02	6.947-12	7.423-05	.....	.....	.....	.....	.....	
3	6	9.529+02	7.614-03	2.073-12	2.137-05	1.227-01	3.340-11	1.574-05	.....	.....	
3	7	9.394+02	.....	.....	.....	5.978-02	7.909-12	3.675-06	.....	.....	
3	9	7.241+02	.....	.....	.....	6.214-00	4.885-10	1.749-04	.....	.....	
3	11	6.905+02	1.806-03	3.874-13	1.519-06	.....	.....	.....	.....	.....	
3	12	6.840+02	7.431-02	1.043-11	3.976-05	1.226-01	1.721-11	5.821-06	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
3	13	6.825+02	1.081-00	1.510-10	5.720-04	6.857-02	9.578-12	3.233-06	.....	.....	
3	14	6.547+02	2.128+01	2.735-09	9.142-03	2.552-00	3.280-10	1.062-04	.....	.....	
3	15	6.524+02	.....	.....	.....	9.383-00	5.987-10	1.932-04	.....	.....	
3	16	6.323+02	2.069-00	2.481-10	7.471-04	3.162+01	3.791-09	1.185-03	.....	.....	
3	17	6.245+02	1.748+01	3.066-09	8.897-03	.....	.....	.....	.....	.....	
3	19	6.152+02	2.309+01	3.930-09	1.090-02	.....	.....	.....	.....	.....	
3	22	5.727+02	1.699-00	2.506-10	5.609-04	.....	.....	.....	.....	.....	
3	23	4.889+02	5.352-01	5.752-11	8.006-05	.....	.....	.....	.....	.....	
3	25	4.295+02	2.631+02	1.455-08	1.373-02	1.482-01	8.196-12	1.741-06	.....	.....	
3	26	4.220+02	3.677+02	2.945-08	2.636-02	.....	.....	.....	.....	.....	
3	27	3.765+02	.....	.....	.....	5.246-01	1.115-11	2.075-06	.....	.....	
3	28	3.413+02	1.161-00	4.054-11	1.920-05	7.132-00	2.491-10	4.203-05	.....	.....	
3	29	3.348+02	.....	.....	.....	4.802+01	8.068-10	1.336-04	.....	.....	
3	30	3.325+02	7.376+01	3.668-09	1.607-03	.....	.....	.....	.....	.....	
3	31	3.185+02	4.794+02	1.458-08	5.614-03	6.349-01	1.931-11	3.043-06	.....	.....	
3	33	2.499+02	.....	.....	.....	.....	.....	.....	1.462+01	2.738-10	3
3	34	2.471+02	.....	.....	.....	.....	.....	.....	9.775+01	2.684-09	3
3	37	2.277+02	.....	.....	.....	.....	.....	.....	2.270-01	5.294-12	5
3	38	2.263+02	.....	.....	.....	.....	.....	.....	1.529-01	2.348-12	2
3	41	2.137+02	.....	.....	.....	.....	.....	.....	3.012-00	6.188-11	5
3	42	2.136+02	.....	.....	.....	.....	.....	.....	3.522-07	4.820-18	4
3	44	2.079+02	.....	.....	.....	.....	.....	.....	1.174+01	2.281-10	
3	45	2.048+02	.....	.....	.....	.....	.....	.....	8.658+01	1.089-09	8
3	46	2.041+02	.....	.....	.....	.....	.....	.....	2.677+01	5.018-10	3
3	48	1.973+02	.....	.....	.....	.....	.....	.....	5.317+01	6.207-10	4
3	49	1.890+02	.....	.....	.....	.....	.....	.....	3.364-01	5.405-12	3
3	51	1.796+02	.....	.....	.....	.....	.....	.....	1.895+01	1.832-10	9
3	52	1.790+02	.....	.....	.....	.....	.....	.....	1.227+01	1.769-10	9
3	54	1.624+02	.....	.....	.....	.....	.....	.....	3.068-00	2.428-11	9
4	6	8.006+04	8.281-11	5.306-17	9.731-04	1.068-01	6.841-08	8.126-00	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
4	7	3.628+04	5.301-08	3.486-15	5.946-03	.....	.....	.....	.....	.....	
4	8	3.105+03	1.177-02	2.834-11	3.033-02	.....	.....	.....	.....	.....	
4	9	2.907+03	6.845-03	2.890-12	2.536-03	.....	.....	.....	.....	.....	
4	10	2.678+03	7.811-03	1.119-11	7.680-03	6.200-01	8.885-10	3.530-03	.....	.....	
4	11	2.432+03	4.259-02	3.776-11	1.941-02	1.849+01	1.639-08	5.913-02	.....	.....	
4	12	2.353+03	7.791-03	4.312-12	2.008-03	1.321-00	7.309-10	2.552-03	.....	.....	
4	13	2.335+03	2.630-02	1.434-11	6.525-03	5.835+01	3.180-08	1.102-01	.....	.....	
4	14	2.039+03	4.557-01	1.893-10	5.733-02	5.760-00	2.393-09	7.238-03	.....	.....	
4	15	2.016+03	4.901-00	9.958-10	2.917-01	.....	.....	.....	.....	.....	
4	16	1.836+03	2.908-04	9.800-14	2.169-05	3.158-00	1.064-09	2.899-03	.....	.....	
4	17	1.772+03	1.423-00	6.700-10	1.333-01	4.127+01	1.943-08	5.109-02	.....	.....	
4	18	1.738+03	6.440-02	3.889-11	7.296-03	5.156-00	3.113-09	8.028-03	.....	.....	
4	19	1.699+03	1.396-00	6.043-10	1.059-01	1.062-01	4.596-11	1.159-04	.....	.....	
4	20	1.484+03	1.465-03	8.065-13	9.426-05	.....	.....	.....	.....	.....	
4	21	1.473+03	3.641-01	1.578-10	1.802-02	9.692-00	4.202-09	9.181-03	.....	.....	
4	22	1.410+03	5.397-02	1.609-11	1.612-03	2.217+01	6.609-09	1.383-02	.....	.....	
4	23	9.914+02	8.480-01	1.250-10	4.352-03	3.012+01	4.438-09	6.529-03	.....	.....	
4	24	9.545+02	1.681-00	3.062-10	9.514-03	1.913+01	3.484-09	4.933-03	.....	.....	
4	25	7.742+02	4.976+01	2.981-09	4.943-02	6.708-00	4.019-10	4.616-04	.....	.....	
4	26	7.503+02	8.711-00	7.352-10	1.110-02	8.874-00	7.489-10	8.336-04	.....	.....	
4	27	6.176+02	3.915-00	7.461-11	6.281-04	.....	.....	.....	.....	.....	
4	28	5.282+02	3.334-01	9.296-12	4.894-05	9.259-01	2.581-11	2.023-05	.....	.....	
4	29	5.128+02	1.887+01	2.480-10	1.195-03	.....	.....	.....	.....	.....	
4	30	5.075+02	2.010+02	7.762-09	3.626-02	2.950+01	1.139-09	8.578-04	.....	.....	
4	31	4.756+02	1.569-01	3.547-12	1.364-05	8.381-01	1.895-11	1.337-05	.....	.....	
4	32	3.403+02	.....	.....	.....	.....	.....	.....	4.810-00	2.784-11	2.9
4	33	3.374+02	.....	.....	.....	.....	.....	.....	8.272-00	9.409-11	9.6
4	34	3.322+02	.....	.....	.....	.....	.....	.....	5.451-01	9.018-12	8.8
4	35	3.033+02	.....	.....	.....	.....	.....	.....	2.549-00	5.861-11	4.3
4	36	3.008+02	.....	.....	.....	.....	.....	.....	2.406-00	4.351-11	3.1

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
4	37	2.981+02	.....	.....	.....	.....	.....	.....	2.475-01	3.296-12	2.3
4	38	2.957+02	.....	.....	.....	.....	.....	.....	1.942-00	1.697-11	1.1
4	39	2.759+02	.....	.....	.....	.....	.....	.....	2.488-01	3.786-12	2.1
4	40	2.748+02	.....	.....	.....	.....	.....	.....	4.323-01	1.632-12	9.0
4	41	2.746+02	.....	.....	.....	.....	.....	.....	1.355-00	1.531-11	8.5
4	42	2.744+02	.....	.....	.....	.....	.....	.....	8.552-01	6.437-12	3.5
4	43	2.696+02	.....	.....	.....	.....	.....	.....	8.189-00	1.190-10	6.2
4	44	2.650+02	.....	.....	.....	.....	.....	.....	7.519-00	7.917-11	3.9
4	45	2.601+02	.....	.....	.....	.....	.....	.....	1.702-00	1.151-11	5.4
4	46	2.590+02	.....	.....	.....	.....	.....	.....	1.900-01	1.910-12	8.9
4	47	2.532+02	.....	.....	.....	.....	.....	.....	4.929+01	1.580-10	6.8
4	48	2.481+02	.....	.....	.....	.....	.....	.....	2.609-00	1.605-11	6.5
4	49	2.351+02	.....	.....	.....	.....	.....	.....	9.458-00	7.836-11	2.7
4	50	2.328+02	.....	.....	.....	.....	.....	.....	9.269-00	1.004-10	3.3
4	51	2.206+02	.....	.....	.....	.....	.....	.....	6.574-01	3.198-12	9.2
4	52	2.198+02	.....	.....	.....	.....	.....	.....	1.316-00	9.529-12	2.7
4	53	1.956+02	.....	.....	.....	.....	.....	.....	3.746-01	7.164-13	1.4
4	54	1.954+02	.....	.....	.....	.....	.....	.....	8.469-02	3.230-13	6.4
5	6	7.656+04	1.680-10	7.383-17	1.579-03	.....	.....	.....	.....	.....	
5	8	3.100+03	7.091-03	1.277-11	1.812-02	1.292+01	2.327-08	1.427-01	.....	.....	
5	10	2.674+03	5.788-02	6.202-11	5.647-02	9.747-00	1.045-08	5.524-02	.....	.....	
5	11	2.428+03	3.639-04	2.413-13	1.647-04	1.098+01	7.283-09	3.499-02	.....	.....	
5	12	2.350+03	4.771-03	1.975-12	1.221-03	.....	.....	.....	.....	.....	
5	13	2.332+03	7.079-02	2.886-11	1.744-02	.....	.....	.....	.....	.....	
5	14	2.036+03	5.750-02	1.787-11	7.192-03	.....	.....	.....	.....	.....	
5	16	1.834+03	4.316-00	1.089-09	3.203-01	.....	.....	.....	.....	.....	
5	17	1.770+03	3.259-01	1.148-10	3.037-02	1.951-00	6.874-10	2.407-03	.....	.....	
5	18	1.736+03	1.216-01	5.494-11	1.370-02	2.815+01	1.272-08	4.371-02	.....	.....	
5	19	1.697+03	2.101-00	6.804-10	1.585-01	1.522+02	4.932-08	1.656-01	.....	.....	
5	20	1.483+03	2.860-01	1.179-10	1.833-02	4.470-00	1.843-09	5.406-03	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions	
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}
5	21	1.472+03	3.073-03	9.974-13	1.514-04	2.078+01	6.744-09	1.963-02	.....	.....
5	22	1.409+03	6.599-01	1.473-10	1.964-02	2.792-00	6.233-10	1.737-03	.....	.....
5	23	9.909+02	9.862-01	1.089-10	5.047-03	2.294-00	2.533-10	4.964-04	.....	.....
5	24	9.540+02	2.313-01	3.156-11	1.306-03	7.144+01	9.746-09	1.839-02	.....	.....
5	25	7.738+02	1.293+01	5.804-10	1.281-02	.....	.....	.....	.....	.....
5	26	7.500+02	6.503+01	4.112-09	8.265-02	5.004+01	3.165-09	4.695-03	.....	.....
5	28	5.280+02	2.505-00	5.234-11	3.671-04	.....	.....	.....	.....	.....
5	30	5.074+02	2.095+02	6.064-09	3.774-02	3.020+01	8.742-10	8.773-04	.....	.....
5	31	4.755+02	7.500-01	1.271-11	6.510-05	.....	.....	.....	.....	.....
5	33	3.373+02	.....	.....	.....	.....	.....	.....	2.638-00	2.250-11
5	34	3.321+02	.....	.....	.....	.....	.....	.....	9.032-00	1.120-10
5	35	3.033+02	.....	.....	.....	.....	.....	.....	2.954-00	5.092-11
5	36	3.007+02	.....	.....	.....	.....	.....	.....	2.799-03	3.794-14
5	37	2.980+02	.....	.....	.....	.....	.....	.....	7.857-01	7.847-12
5	38	2.956+02	.....	.....	.....	.....	.....	.....	2.400-01	1.572-12
5	39	2.758+02	.....	.....	.....	.....	.....	.....	3.637-01	4.149-12
5	41	2.745+02	.....	.....	.....	.....	.....	.....	3.706-01	3.141-12
5	42	2.744+02	.....	.....	.....	.....	.....	.....	1.721-02	9.715-14
5	43	2.696+02	.....	.....	.....	.....	.....	.....	8.214-00	8.951-11
5	44	2.650+02	.....	.....	.....	.....	.....	.....	5.751-00	4.540-11
5	45	2.600+02	.....	.....	.....	.....	.....	.....	5.102-00	2.586-11
5	46	2.589+02	.....	.....	.....	.....	.....	.....	1.098-00	8.274-12
5	48	2.480+02	.....	.....	.....	.....	.....	.....	6.929+01	3.196-10
5	49	2.351+02	.....	.....	.....	.....	.....	.....	1.412-00	8.771-12
5	50	2.327+02	.....	.....	.....	.....	.....	.....	9.068-00	7.363-11
5	51	2.206+02	.....	.....	.....	.....	.....	.....	2.606-01	9.506-13
5	52	2.198+02	.....	.....	.....	.....	.....	.....	6.212-01	3.374-12
5	54	1.953+02	.....	.....	.....	.....	.....	.....	1.504-00	4.303-12
6	7	6.632+04	1.463-08	4.824-15	3.353-02	2.650-01	8.737-08	5.732-00	.....	.....
6	9	3.016+03	1.503-03	1.025-12	6.702-04	3.559+01	2.427-08	7.241-02	.....	.....

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
6	10	2.770+03	3.386-03	7.792-12	3.947-03	.....	.....	.....	.....	.....	
6	11	2.508+03	3.670-03	5.191-12	1.951-03	2.140-00	3.028-09	7.510-03	.....	.....	
6	12	2.424+03	2.386-02	2.103-11	7.138-03	1.257-00	1.107-09	2.656-03	.....	.....	
6	13	2.405+03	6.681-02	5.795-11	1.922-02	1.057+01	9.172-09	2.182-02	.....	.....	
6	14	2.092+03	3.538-01	2.321-10	5.064-02	6.251+01	4.102-08	8.488-02	.....	.....	
6	15	2.068+03	2.240-00	7.183-10	1.515-01	4.574-00	1.467-09	3.002-03	.....	.....	
6	16	1.880+03	8.545-01	4.525-10	7.157-02	1.325+01	7.016-09	1.304-02	.....	.....	
6	17	1.812+03	6.639-01	4.903-10	6.954-02	2.597-00	1.918-09	3.438-03	.....	.....	
6	18	1.777+03	8.354-02	7.906-11	1.056-02	.....	.....	.....	.....	.....	
6	19	1.736+03	1.094-01	7.414-11	9.239-03	2.677+01	1.814-08	3.114-02	.....	.....	
6	21	1.500+03	5.766-02	3.892-11	3.131-03	.....	.....	.....	.....	.....	
6	22	1.435+03	1.970-01	9.128-11	6.432-03	1.090+01	5.051-09	7.171-03	.....	.....	
6	23	1.004+03	1.915-00	4.339-10	1.046-02	2.118+01	4.799-09	4.765-03	.....	.....	
6	24	9.660+02	1.446-00	4.046-10	8.690-03	.....	.....	.....	.....	.....	
6	25	7.818+02	3.717+01	3.405-09	3.876-02	1.533+01	1.405-09	1.086-03	.....	.....	
6	26	7.574+02	5.585-01	7.205-11	7.458-04	2.387+01	3.079-09	2.307-03	.....	.....	
6	27	6.224+02	3.133-00	9.098-11	5.226-04	2.500-00	7.258-11	4.468-05	.....	.....	
6	28	5.317+02	1.205+01	5.104-10	1.828-03	8.906-00	3.774-10	1.985-04	.....	.....	
6	29	5.161+02	3.380-02	6.748-13	2.210-06	5.200-01	1.038-11	5.300-06	.....	.....	
6	30	5.108+02	2.704-00	1.586-10	5.034-04	3.302+01	1.937-09	9.786-04	.....	.....	
6	31	4.784+02	7.978-01	2.738-11	7.144-05	2.726+01	9.354-10	4.426-04	.....	.....	
6	32	3.417+02	.....	.....	.....	.....	.....	.....	9.842-00	8.616-11	6.1
6	33	3.388+02	.....	.....	.....	.....	.....	.....	4.694-01	8.076-12	5.6
6	34	3.336+02	.....	.....	.....	.....	.....	.....	3.384-01	8.467-12	5.6
6	36	3.019+02	.....	.....	.....	.....	.....	.....	3.442-00	9.407-11	4.6
6	37	2.992+02	.....	.....	.....	.....	.....	.....	9.717-01	1.956-11	9.3
6	38	2.968+02	.....	.....	.....	.....	.....	.....	2.201-00	2.906-11	1.3
6	39	2.768+02	.....	.....	.....	.....	.....	.....	1.607-00	3.693-11	1.4
6	40	2.758+02	.....	.....	.....	.....	.....	.....	2.658-00	1.516-11	5.6
6	41	2.755+02	.....	.....	.....	.....	.....	.....	1.287-00	2.197-11	8.2

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
6	42	2.754+02	.....	.....	.....	.....	.....	.....	1.258-00	1.431-11	5
6	43	2.706+02	.....	.....	.....	.....	.....	.....	2.700-00	5.925-11	2
6	44	2.659+02	.....	.....	.....	.....	.....	.....	7.385-00	1.174-10	3
6	45	2.609+02	.....	.....	.....	.....	.....	.....	2.980-00	3.042-11	9
6	46	2.598+02	.....	.....	.....	.....	.....	.....	1.605-00	2.436-11	7
6	47	2.540+02	.....	.....	.....	.....	.....	.....	1.147+01	5.549-11	1
6	48	2.489+02	.....	.....	.....	.....	.....	.....	1.086-00	1.008-11	2
6	49	2.358+02	.....	.....	.....	.....	.....	.....	1.533+01	1.917-10	4
6	50	2.334+02	.....	.....	.....	.....	.....	.....	3.157-00	5.158-11	1
6	51	2.212+02	.....	.....	.....	.....	.....	.....	2.066-00	1.516-11	2
6	52	2.204+02	.....	.....	.....	.....	.....	.....	1.705-03	1.862-14	3
6	53	1.961+02	.....	.....	.....	.....	.....	.....	2.494-02	7.187-14	9
6	54	1.958+02	.....	.....	.....	.....	.....	.....	9.357-04	5.380-15	7
7	9	3.160+03	.....	.....	.....	9.650-00	1.445-08	2.258-02	.....	.....	
7	11	2.607+03	2.177-03	6.652-12	1.403-03	.....	.....	.....	.....	.....	
7	12	2.516+03	1.163-02	2.208-11	4.192-03	6.297-00	1.196-08	1.488-02	.....	.....	
7	13	2.496+03	3.574-04	6.675-13	1.236-04	7.345-01	1.372-09	1.693-03	.....	.....	
7	14	2.160+03	7.781-02	1.089-10	1.307-02	5.588+01	7.818-08	8.352-02	.....	.....	
7	15	2.135+03	.....	.....	.....	5.563+01	3.802-08	4.014-02	.....	.....	
7	16	1.934+03	1.234-00	1.384-09	1.194-01	3.188+01	3.577-08	3.421-02	.....	.....	
7	17	1.863+03	4.660-02	7.276-11	5.606-03	.....	.....	.....	.....	.....	
7	19	1.782+03	4.069-04	5.814-13	3.923-05	.....	.....	.....	.....	.....	
7	22	1.467+03	8.620-03	8.345-12	3.140-04	.....	.....	.....	.....	.....	
7	23	1.019+03	1.556-02	7.269-12	9.170-05	.....	.....	.....	.....	.....	
7	25	7.911+02	1.053+01	1.975-09	1.165-02	4.673+01	8.768-09	3.430-03	.....	.....	
7	26	7.661+02	5.152-00	1.360-09	7.285-03	.....	.....	.....	.....	.....	
7	27	6.283+02	.....	.....	.....	3.027-00	1.791-10	5.566-05	.....	.....	
7	28	5.360+02	2.235-00	1.925-10	3.530-04	5.459-00	4.702-10	1.246-04	.....	.....	
7	29	5.202+02	.....	.....	.....	3.768-01	1.529-11	3.932-06	.....	.....	
7	30	5.147+02	9.089-00	1.083-09	1.759-03	.....	.....	.....	.....	.....	

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions	
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}
7	31	4.819+02	3.354-04	2.336-14	3.114-08	5.401+01	3.761-09	8.963-04	.....	.....
7	33	3.405+02	.....	.....	.....	.....	.....	.....	1.514-00	5.265-11
7	34	3.353+02	.....	.....	.....	.....	.....	.....	2.526-01	1.277-11
7	37	3.005+02	.....	.....	.....	.....	.....	.....	3.109-00	1.263-10
7	38	2.981+02	.....	.....	.....	.....	.....	.....	4.875-01	1.299-11
7	41	2.767+02	.....	.....	.....	.....	.....	.....	1.686-00	5.805-11
7	42	2.765+02	.....	.....	.....	.....	.....	.....	2.647-00	6.068-11
7	44	2.670+02	.....	.....	.....	.....	.....	.....	5.383-00	1.725-10
7	45	2.620+02	.....	.....	.....	.....	.....	.....	6.357-01	1.308-11
7	46	2.608+02	.....	.....	.....	.....	.....	.....	1.235-00	3.779-11
7	48	2.498+02	.....	.....	.....	.....	.....	.....	7.134-01	1.335-11
7	49	2.366+02	.....	.....	.....	.....	.....	.....	1.076+01	2.708-10
7	51	2.220+02	.....	.....	.....	.....	.....	.....	7.336-01	1.084-11
7	52	2.211+02	.....	.....	.....	.....	.....	.....	4.280-01	9.415-12
7	54	1.964+02	.....	.....	.....	.....	.....	.....	8.181-02	9.463-13
8	10	1.944+04	2.140-05	9.707-13	4.251-01	4.280-00	1.941-07	9.332-00	.....	.....
8	11	1.121+04	7.727-07	8.740-15	7.341-04	.....	.....	.....	.....	.....
8	17	4.128+03	3.371-02	5.167-11	2.165-01	.....	.....	.....	.....	.....
8	18	3.948+03	1.019-02	1.905-11	6.981-02	9.564-00	1.788-08	1.745-01	.....	.....
8	19	3.752+03	6.573-02	8.322-11	2.618-01	.....	.....	.....	.....	.....
8	20	2.844+03	6.678-02	8.096-11	1.109-01	6.217+01	7.537-08	5.300-01	.....	.....
8	21	2.801+03	1.677-03	1.579-12	2.067-03	4.521-00	4.255-09	2.947-02	.....	.....
8	22	2.583+03	8.109-02	4.868-11	4.998-02	.....	.....	.....	.....	.....
8	23	1.456+03	1.136-00	2.167-10	3.988-02	.....	.....	.....	.....	.....
8	24	1.378+03	1.640-00	3.736-10	5.823-02	7.686+01	1.751-08	5.965-02	.....	.....
8	26	9.893+02	2.569+01	2.262-09	1.305-01	.....	.....	.....	.....	.....
8	30	6.067+02	8.553+01	2.831-09	3.766-02	.....	.....	.....	.....	.....
8	34	3.720+02	.....	.....	.....	.....	.....	.....	3.506-02	4.365-13
8	35	3.362+02	.....	.....	.....	.....	.....	.....	1.128+01	1.911-10
8	36	3.330+02	.....	.....	.....	.....	.....	.....	2.767-00	3.681-11

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions	
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}
8	37	3.297+02	.....	.....	.....	.....	.....	.....	2.275-01	2.225-12
8	39	3.028+02	.....	.....	.....	.....	.....	.....	6.689-00	7.355-11
8	41	3.012+02	.....	.....	.....	.....	.....	.....	5.569-00	4.545-11
8	43	2.953+02	.....	.....	.....	.....	.....	.....	6.645-00	6.949-11
8	44	2.897+02	.....	.....	.....	.....	.....	.....	2.397-00	1.810-11
8	46	2.825+02	.....	.....	.....	.....	.....	.....	3.391-00	2.434-11
8	49	2.543+02	.....	.....	.....	.....	.....	.....	1.553-00	9.039-12
8	50	2.516+02	.....	.....	.....	.....	.....	.....	1.452+01	1.103-10
8	52	2.366+02	.....	.....	.....	.....	.....	.....	4.668+01	2.350-10
9	11	1.488+04	4.986-06	4.969-13	1.952-02	.....	.....	.....	.....	.....
9	12	1.235+04	1.801-05	8.241-13	1.851-02	1.984-00	9.078-08	5.547-01	.....	.....
9	13	1.188+04	1.014-04	4.288-12	8.562-02	3.305-00	1.398-07	8.213-01	.....	.....
9	14	6.828+03	2.309-03	3.228-11	1.224-01	7.423-02	1.038-09	3.504-03	.....	.....
9	15	6.583+03	.....	.....	.....	3.570-00	2.320-08	7.552-02	.....	.....
9	16	4.987+03	5.755-04	4.291-12	6.340-03	1.256-00	9.363-09	2.309-02	.....	.....
9	17	4.540+03	3.266-03	3.028-11	3.376-02	.....	.....	.....	.....	.....
9	19	4.089+03	2.238-02	1.683-10	1.371-01	.....	.....	.....	.....	.....
9	22	2.739+03	1.176-01	3.968-10	9.712-02	.....	.....	.....	.....	.....
9	23	1.505+03	8.941-03	9.104-12	3.694-04	.....	.....	.....	.....	.....
9	25	1.055+03	1.284-02	4.286-12	5.999-05	3.970+01	1.325-08	6.917-03	.....	.....
9	26	1.011+03	1.660-00	7.637-10	9.410-03	.....	.....	.....	.....	.....
9	27	7.842+02	.....	.....	.....	2.639+01	2.433-09	9.435-04	.....	.....
9	28	6.454+02	1.911+01	2.387-09	7.645-03	1.520+01	1.898-09	6.059-04	.....	.....
9	29	6.226+02	.....	.....	.....	8.622-01	5.011-11	1.543-05	.....	.....
9	30	6.149+02	1.001+01	1.703-09	4.715-03	.....	.....	.....	.....	.....
9	31	5.686+02	6.771-00	6.564-10	1.438-03	1.211+01	1.174-09	3.303-04	.....	.....
9	33	3.816+02	.....	.....	.....	.....	.....	.....	1.298-00	5.669-11
9	34	3.750+02	.....	.....	.....	.....	.....	.....	4.805-01	3.040-11
9	37	3.321+02	.....	.....	.....	.....	.....	.....	1.083-02	5.373-13
9	38	3.291+02	.....	.....	.....	.....	.....	.....	2.043-02	6.636-13

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
9	41	3.032+02	.....	.....	.....	.....	.....	.....	2.369-04	9.796-15	2
9	42	3.030+02	.....	.....	.....	.....	.....	.....	5.935-02	1.634-12	4
9	44	2.916+02	.....	.....	.....	.....	.....	.....	2.832-00	1.083-10	2
9	45	2.856+02	.....	.....	.....	.....	.....	.....	2.822-01	6.904-12	1
9	46	2.843+02	.....	.....	.....	.....	.....	.....	7.656-00	2.783-10	5
9	48	2.712+02	.....	.....	.....	.....	.....	.....	5.063-01	1.117-11	1
9	49	2.558+02	.....	.....	.....	.....	.....	.....	7.016-00	2.064-10	3
9	51	2.388+02	.....	.....	.....	.....	.....	.....	7.650-03	1.307-13	1
9	52	2.378+02	.....	.....	.....	.....	.....	.....	1.096-01	2.787-12	3
9	54	2.094+02	.....	.....	.....	.....	.....	.....	6.851-01	9.009-12	7
10	11	2.649+04	6.313-06	4.981-13	4.412-01	2.902-00	2.290-07	1.200+01	.....	.....	
10	12	1.942+04	9.346-07	2.641-14	9.208-03	.....	.....	.....	.....	.....	
10	13	1.826+04	3.395-06	8.490-14	2.465-02	.....	.....	.....	.....	.....	
10	14	8.546+03	9.734-06	5.328-14	1.584-03	.....	.....	.....	.....	.....	
10	16	5.845+03	1.023-02	2.619-11	2.492-01	.....	.....	.....	.....	.....	
10	17	5.241+03	1.180-02	3.645-11	2.500-01	6.596-01	2.037-09	2.112-02	.....	.....	
10	18	4.953+03	1.168-05	4.297-14	2.488-04	7.977-00	2.934-08	2.875-01	.....	.....	
10	19	4.649+03	1.111-02	2.700-11	1.293-01	5.960-01	1.448-09	1.332-02	.....	.....	
10	20	3.331+03	6.425-03	1.336-11	2.352-02	6.254-00	1.300-08	8.568-02	.....	.....	
10	21	3.273+03	1.890-02	3.034-11	5.068-02	1.894+01	3.041-08	1.969-01	.....	.....	
10	22	2.979+03	4.186-03	4.177-12	5.263-03	2.623-00	2.618-09	1.543-02	.....	.....	
10	23	1.574+03	6.158-01	1.716-10	3.191-02	6.413-00	1.787-09	5.566-03	.....	.....	
10	24	1.483+03	2.062-02	6.800-12	1.057-03	3.528-01	1.163-10	3.413-04	.....	.....	
10	25	1.089+03	9.558-00	8.498-10	5.231-02	.....	.....	.....	.....	.....	
10	26	1.042+03	2.760-01	3.372-11	1.820-03	2.166+02	2.647-08	5.457-02	.....	.....	
10	28	6.579+02	3.104-00	1.007-10	1.367-03	.....	.....	.....	.....	.....	
10	30	6.262+02	2.056+01	9.066-10	1.061-02	9.801+01	4.321-09	5.353-03	.....	.....	
10	31	5.783+02	2.379-02	5.965-13	5.498-06	.....	.....	.....	.....	.....	
10	33	3.860+02	.....	.....	.....	.....	.....	.....	1.867-03	2.085-14	4
10	34	3.792+02	.....	.....	.....	.....	.....	.....	4.564-03	7.380-14	1

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
10	35	3.421+02	.....	.....	.....	.....	.....	.....	1.367-01	2.998-12	4
10	36	3.388+02	.....	.....	.....	.....	.....	.....	6.668-00	1.148-10	1.5
10	37	3.354+02	.....	.....	.....	.....	.....	.....	5.748-00	7.272-11	9
10	38	3.324+02	.....	.....	.....	.....	.....	.....	2.771-01	2.295-12	3
10	39	3.076+02	.....	.....	.....	.....	.....	.....	4.383-01	6.215-12	6
10	41	3.059+02	.....	.....	.....	.....	.....	.....	2.899-00	3.051-11	3
10	42	3.058+02	.....	.....	.....	.....	.....	.....	1.037+01	7.265-11	7
10	43	2.998+02	.....	.....	.....	.....	.....	.....	2.408-00	3.246-11	3
10	44	2.941+02	.....	.....	.....	.....	.....	.....	1.837-01	1.787-12	1
10	45	2.881+02	.....	.....	.....	.....	.....	.....	3.654-01	2.273-12	1
10	46	2.867+02	.....	.....	.....	.....	.....	.....	1.290-00	1.192-11	1
10	48	2.734+02	.....	.....	.....	.....	.....	.....	1.216-00	6.816-12	4
10	49	2.577+02	.....	.....	.....	.....	.....	.....	1.560+01	1.165-10	7
10	50	2.549+02	.....	.....	.....	.....	.....	.....	3.086-00	3.006-11	1
10	51	2.404+02	.....	.....	.....	.....	.....	.....	3.046+01	1.320-10	6
10	52	2.395+02	.....	.....	.....	.....	.....	.....	4.994-00	3.220-11	1
10	54	2.107+02	.....	.....	.....	.....	.....	.....	6.259-02	2.084-13	6
11	12	7.268+04	5.577-09	2.945-15	4.041-02	9.877-02	5.215-08	5.624-00	.....	.....	
11	13	5.882+04	8.447-08	2.921-14	2.124-01	1.088-01	3.761-08	3.282-00	.....	.....	
11	14	1.262+04	7.917-05	1.259-12	9.033-02	1.606-00	2.554-08	4.780-01	.....	.....	
11	15	1.180+04	2.555-04	1.779-12	1.046-01	.....	.....	.....	.....	.....	
11	16	7.500+03	1.858-03	1.045-11	1.575-01	2.531-01	1.423-09	1.583-02	.....	.....	
11	17	6.533+03	3.170-04	2.028-12	2.022-02	4.767-02	3.050-10	2.957-03	.....	.....	
11	18	6.092+03	1.966-06	1.458-14	1.179-04	7.844-00	5.820-08	5.260-01	.....	.....	
11	19	5.638+03	8.733-04	4.162-12	2.666-02	7.087-03	3.378-11	2.825-04	.....	.....	
11	20	3.810+03	1.851-04	6.715-13	1.327-03	.....	.....	.....	.....	.....	
11	21	3.734+03	1.216-03	3.389-12	6.306-03	3.986-00	1.111-08	6.155-02	.....	.....	
11	22	3.357+03	2.203-03	3.721-12	5.029-03	4.358-01	7.360-10	3.665-03	.....	.....	
11	23	1.674+03	2.689-02	1.129-11	1.893-03	5.248-00	2.204-09	5.474-03	.....	.....	
11	24	1.571+03	3.871-02	1.910-11	2.647-03	1.201+01	5.924-09	1.381-02	.....	.....	

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
11	25	1.136+03	2.634-00	3.396-10	1.778-02	2.651+02	3.417-08	5.759-02	.....	.....	
11	26	1.085+03	1.826-02	3.223-12	1.471-04	1.355+01	2.392-09	3.851-03	.....	.....	
11	27	8.278+02	2.034-00	6.966-11	1.412-03	.....	.....	.....	.....	.....	
11	28	6.747+02	5.390+01	2.452-09	2.691-02	1.338-00	6.087-11	6.093-05	.....	.....	
11	29	6.498+02	3.572+01	7.539-10	7.393-03	.....	.....	.....	.....	.....	
11	30	6.414+02	3.770+01	2.325-09	2.192-02	1.265+01	7.801-10	7.423-04	.....	.....	
11	31	5.912+02	1.478+01	5.165-10	3.814-03	9.363+01	3.271-09	2.869-03	.....	.....	
11	32	3.957+02	.....	.....	.....	.....	.....	.....	2.886-03	2.258-14	3
11	33	3.917+02	.....	.....	.....	.....	.....	.....	1.972-02	3.024-13	4
11	34	3.848+02	.....	.....	.....	.....	.....	.....	2.189-02	4.858-13	7
11	35	3.465+02	.....	.....	.....	.....	.....	.....	1.004-00	3.013-11	3
11	36	3.432+02	.....	.....	.....	.....	.....	.....	1.847-00	4.348-11	4
11	37	3.397+02	.....	.....	.....	.....	.....	.....	1.130-00	1.956-11	2
11	38	3.366+02	.....	.....	.....	.....	.....	.....	7.038-00	7.969-11	8
11	39	3.112+02	.....	.....	.....	.....	.....	.....	2.131-01	4.126-12	3
11	40	3.099+02	.....	.....	.....	.....	.....	.....	1.469+01	7.049-11	5
11	41	3.095+02	.....	.....	.....	.....	.....	.....	6.725-01	9.658-12	7
11	42	3.093+02	.....	.....	.....	.....	.....	.....	9.761-01	9.335-12	7
11	43	3.033+02	.....	.....	.....	.....	.....	.....	1.588-02	2.919-13	2
11	44	2.974+02	.....	.....	.....	.....	.....	.....	2.116-00	2.806-11	1
11	45	2.912+02	.....	.....	.....	.....	.....	.....	6.154-01	5.217-12	3
11	46	2.898+02	.....	.....	.....	.....	.....	.....	4.246-01	5.346-12	3
11	47	2.827+02	.....	.....	.....	.....	.....	.....	1.815-00	7.248-12	4
11	48	2.763+02	.....	.....	.....	.....	.....	.....	1.879-03	1.434-14	8
11	49	2.602+02	.....	.....	.....	.....	.....	.....	1.178+01	1.196-10	5
11	50	2.574+02	.....	.....	.....	.....	.....	.....	1.290-04	1.708-15	7
11	51	2.426+02	.....	.....	.....	.....	.....	.....	1.504+01	8.851-11	3
11	52	2.416+02	.....	.....	.....	.....	.....	.....	4.661-04	4.080-15	1
11	53	2.127+02	.....	.....	.....	.....	.....	.....	3.979-02	8.997-14	2
11	54	2.124+02	.....	.....	.....	.....	.....	.....	3.182-02	1.435-13	3

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and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
12	13	3.083+05	5.548-12	7.907-17	5.522-02	7.069-04	1.007-08	3.072-00	.....	.....	
12	14	1.526+04	1.032-05	3.606-13	3.055-02	5.207-01	1.819-08	2.746-01	.....	.....	
12	15	1.409+04	5.611-05	8.352-13	5.569-02	4.358-01	6.487-09	9.042-02	.....	.....	
12	16	8.362+03	4.246-06	4.451-14	6.202-04	6.302-01	6.607-09	5.465-02	.....	.....	
12	17	7.178+03	9.312-05	1.079-12	9.511-03	1.559-00	1.807-08	1.283-01	.....	.....	
12	18	6.650+03	2.819-05	3.738-13	2.618-03	.....	.....	.....	.....	.....	
12	19	6.112+03	1.771-03	1.488-11	8.094-02	8.814-01	7.405-09	4.476-02	.....	.....	
12	21	3.936+03	3.015-03	1.401-11	2.035-02	.....	.....	.....	.....	.....	
12	22	3.519+03	1.476-02	4.111-11	4.269-02	6.161-01	1.716-09	5.972-03	.....	.....	
12	23	1.713+03	4.596-01	3.034-10	3.635-02	1.610+01	1.063-08	1.801-02	.....	.....	
12	24	1.606+03	7.162-02	5.538-11	5.464-03	.....	.....	.....	.....	.....	
12	25	1.154+03	1.121-00	2.238-10	8.191-03	2.878-00	5.745-10	6.556-04	.....	.....	
12	26	1.102+03	1.742-00	4.752-10	1.513-02	2.692-00	7.345-10	8.002-04	.....	.....	
12	27	8.373+02	8.885-01	4.670-11	6.532-04	1.153-00	6.061-11	5.020-05	.....	.....	
12	28	6.810+02	5.009-02	3.483-12	2.621-05	1.096+01	7.620-10	5.132-04	.....	.....	
12	29	6.557+02	3.642-00	1.174-10	7.883-04	5.258-00	1.695-10	1.099-04	.....	.....	
12	30	6.471+02	1.545+01	1.455-09	9.393-03	2.564-00	2.414-10	1.545-04	.....	.....	
12	31	5.961+02	3.679-01	1.960-11	9.889-05	1.803+01	9.607-10	5.664-04	.....	.....	
12	32	3.978+02	.....	.....	.....	.....	.....	.....	9.383-04	1.113-14	1.2
12	33	3.938+02	.....	.....	.....	.....	.....	.....	4.338-01	1.009-11	1.1
12	34	3.868+02	.....	.....	.....	.....	.....	.....	9.799-01	3.297-11	3.4
12	36	3.448+02	.....	.....	.....	.....	.....	.....	1.153-00	4.112-11	3.0
12	37	3.413+02	.....	.....	.....	.....	.....	.....	3.573-00	9.361-11	6.6
12	38	3.382+02	.....	.....	.....	.....	.....	.....	1.372-00	2.352-11	1.6
12	39	3.125+02	.....	.....	.....	.....	.....	.....	4.945-02	1.448-12	7.9
12	40	3.112+02	.....	.....	.....	.....	.....	.....	7.337-01	5.326-12	2.8
12	41	3.108+02	.....	.....	.....	.....	.....	.....	1.509-00	3.279-11	1.7
12	42	3.107+02	.....	.....	.....	.....	.....	.....	1.821-00	2.634-11	1.4
12	43	3.045+02	.....	.....	.....	.....	.....	.....	9.809-01	2.728-11	1.3
12	44	2.986+02	.....	.....	.....	.....	.....	.....	3.538-00	7.095-11	3.3

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and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
12	45	2.924+02	.....	.....	.....	.....	.....	.....	4.285-02	5.492-13	2.45
12	46	2.910+02	.....	.....	.....	.....	.....	.....	1.224-00	2.330-11	1.02
12	47	2.838+02	.....	.....	.....	.....	.....	.....	3.130-01	1.889-12	7.72
12	48	2.773+02	.....	.....	.....	.....	.....	.....	3.944-00	4.547-11	1.73
12	49	2.612+02	.....	.....	.....	.....	.....	.....	1.764-01	2.706-12	8.62
12	50	2.583+02	.....	.....	.....	.....	.....	.....	3.171-00	6.343-11	1.95
12	51	2.434+02	.....	.....	.....	.....	.....	.....	1.163-00	1.033-11	2.60
12	52	2.424+02	.....	.....	.....	.....	.....	.....	3.613-03	4.776-14	1.21
12	53	2.134+02	.....	.....	.....	.....	.....	.....	5.199-01	1.774-12	3.08
12	54	2.130+02	.....	.....	.....	.....	.....	.....	8.611-00	5.860-11	1.01
13	14	1.606+04	2.396-05	9.262-13	9.139-02	4.454-03	1.722-10	2.735-03	.....	.....	
13	15	1.477+04	3.753-05	6.135-13	4.707-02	3.952-01	6.461-09	9.437-02	.....	.....	
13	16	8.596+03	4.543-04	5.032-12	7.613-02	7.398-01	8.195-09	6.967-02	.....	.....	
13	17	7.350+03	5.202-04	6.319-12	5.977-02	1.162-01	1.412-09	1.026-02	.....	.....	
13	18	6.796+03	1.038-03	1.438-11	1.075-01	.....	.....	.....	.....	.....	
13	19	6.236+03	3.319-03	2.902-11	1.677-01	6.002-00	5.249-08	3.237-01	.....	.....	
13	21	3.987+03	1.477-02	7.040-11	1.063-01	.....	.....	.....	.....	.....	
13	22	3.560+03	2.921-02	8.324-11	8.946-02	6.200-02	1.767-10	6.220-04	.....	.....	
13	23	1.723+03	8.260-02	5.513-11	6.717-03	7.224-00	4.822-09	8.217-03	.....	.....	
13	24	1.614+03	3.735-01	2.918-10	2.925-02	.....	.....	.....	.....	.....	
13	25	1.158+03	6.253-02	1.257-11	4.653-04	2.096+02	4.215-08	4.828-02	.....	.....	
13	26	1.105+03	8.358-01	2.297-10	7.392-03	7.345-00	2.018-09	2.207-03	.....	.....	
13	27	8.396+02	4.883-01	2.581-11	3.639-04	7.754-01	4.098-11	3.403-05	.....	.....	
13	28	6.825+02	5.760-00	4.022-10	3.047-03	9.276-00	6.478-10	4.373-04	.....	.....	
13	29	6.571+02	6.968-00	2.255-10	1.524-03	5.673-00	1.836-10	1.193-04	.....	.....	
13	30	6.484+02	1.207-00	1.141-10	7.413-04	7.376-00	6.974-10	4.473-04	.....	.....	
13	31	5.972+02	2.967-00	1.586-10	8.051-04	5.214+01	2.788-09	1.647-03	.....	.....	
13	32	3.983+02	.....	.....	.....	.....	.....	.....	1.075-00	1.278-11	1.44
13	33	3.943+02	.....	.....	.....	.....	.....	.....	5.196-04	1.211-14	1.32
13	34	3.873+02	.....	.....	.....	.....	.....	.....	6.562-01	2.213-11	2.30

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
13	36	3.452+02	.....	.....	.....	.....	.....	.....	4.064-01	1.452-11	1.0
13	37	3.417+02	.....	.....	.....	.....	.....	.....	1.373-00	3.604-11	2.5
13	38	3.385+02	.....	.....	.....	.....	.....	.....	1.099-00	1.887-11	1.3
13	39	3.128+02	.....	.....	.....	.....	.....	.....	2.346-01	6.884-12	3.7
13	40	3.115+02	.....	.....	.....	.....	.....	.....	8.894-01	6.469-12	3.4
13	41	3.111+02	.....	.....	.....	.....	.....	.....	9.749-02	2.122-12	1.1
13	42	3.110+02	.....	.....	.....	.....	.....	.....	4.814-01	6.980-12	3.7
13	43	3.049+02	.....	.....	.....	.....	.....	.....	7.766-01	2.164-11	1.0
13	44	2.989+02	.....	.....	.....	.....	.....	.....	2.161-01	4.342-12	2.0
13	45	2.927+02	.....	.....	.....	.....	.....	.....	2.608-02	3.349-13	1.5
13	46	2.912+02	.....	.....	.....	.....	.....	.....	7.245-00	1.382-10	6.1
13	47	2.840+02	.....	.....	.....	.....	.....	.....	1.109-00	6.706-12	2.7
13	48	2.776+02	.....	.....	.....	.....	.....	.....	9.097-00	1.051-10	4.0
13	49	2.614+02	.....	.....	.....	.....	.....	.....	5.865-00	9.011-11	2.8
13	50	2.585+02	.....	.....	.....	.....	.....	.....	1.640-00	3.287-11	1.0
13	51	2.436+02	.....	.....	.....	.....	.....	.....	2.332-00	2.076-11	5.3
13	52	2.426+02	.....	.....	.....	.....	.....	.....	2.372-00	3.140-11	8.0
13	53	2.135+02	.....	.....	.....	.....	.....	.....	2.720-00	9.294-12	1.6
13	54	2.132+02	.....	.....	.....	.....	.....	.....	1.049+01	7.146-11	1.2
14	15	1.836+05	9.246-11	2.336-16	3.444-02	5.636-04	1.424-09	2.586-01	.....	.....	
14	16	1.850+04	1.328-05	6.808-13	1.026-01	9.066-01	4.649-08	8.505-01	.....	.....	
14	17	1.355+04	1.663-06	6.869-14	4.073-03	3.384-00	1.397-07	1.873-00	.....	.....	
14	18	1.178+04	2.288-05	9.523-13	3.711-02	.....	.....	.....	.....	.....	
14	19	1.020+04	2.815-05	6.578-13	1.660-02	2.088-00	4.880-08	4.921-01	.....	.....	
14	21	5.304+03	1.794-03	1.513-11	5.381-02	.....	.....	.....	.....	.....	
14	22	4.574+03	3.174-03	1.493-11	3.403-02	3.636-00	1.710-08	7.736-02	.....	.....	
14	23	1.930+03	1.574-00	1.318-09	2.257-01	2.632+01	2.204-08	4.208-02	.....	.....	
14	24	1.795+03	5.388-01	5.203-10	7.166-02	.....	.....	.....	.....	.....	
14	25	1.248+03	2.510-01	5.862-11	2.716-03	2.399+01	5.603-09	6.917-03	.....	.....	
14	26	1.187+03	8.656-01	2.743-10	1.094-02	1.281+01	4.059-09	4.766-03	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
14	27	8.860+02	2.723+01	1.602-09	2.655-02	1.043+01	6.135-10	5.376-04	.....	.....	
14	28	7.128+02	6.613-00	5.037-10	4.347-03	1.154+01	8.788-10	6.196-04	.....	.....	
14	29	6.851+02	8.077-00	2.842-10	2.177-03	3.034+01	1.068-09	7.235-04	.....	.....	
14	30	6.757+02	1.234-00	1.267-10	9.314-04	5.587-01	5.737-11	3.834-05	.....	.....	
14	31	6.203+02	4.582-00	2.643-10	1.503-03	1.301-01	7.504-12	4.604-06	.....	.....	
14	32	4.085+02	.....	.....	.....	.....	.....	.....	2.237-00	2.798-11	3.4
14	33	4.042+02	.....	.....	.....	.....	.....	.....	2.565-00	6.285-11	7.4
14	34	3.969+02	.....	.....	.....	.....	.....	.....	7.091-01	2.511-11	2.8
14	36	3.528+02	.....	.....	.....	.....	.....	.....	2.020-02	7.539-13	5.9
14	37	3.491+02	.....	.....	.....	.....	.....	.....	2.516-02	6.897-13	5.2
14	38	3.458+02	.....	.....	.....	.....	.....	.....	1.052-01	1.886-12	1.3
14	39	3.191+02	.....	.....	.....	.....	.....	.....	7.062-01	2.156-11	1.2
14	40	3.176+02	.....	.....	.....	.....	.....	.....	8.513-01	6.439-12	3.6
14	41	3.173+02	.....	.....	.....	.....	.....	.....	2.311-02	5.232-13	2.9
14	42	3.171+02	.....	.....	.....	.....	.....	.....	6.890-01	1.039-11	5.9
14	43	3.108+02	.....	.....	.....	.....	.....	.....	5.411-00	1.566-10	8.4
14	44	3.046+02	.....	.....	.....	.....	.....	.....	5.877-01	1.226-11	6.2
14	45	2.981+02	.....	.....	.....	.....	.....	.....	1.453-00	1.936-11	9.1
14	46	2.966+02	.....	.....	.....	.....	.....	.....	1.386-00	2.742-11	1.2
14	47	2.891+02	.....	.....	.....	.....	.....	.....	2.112-00	1.323-11	5.7
14	48	2.824+02	.....	.....	.....	.....	.....	.....	6.768-02	8.094-13	3.2
14	49	2.657+02	.....	.....	.....	.....	.....	.....	2.258-01	3.585-12	1.2
14	50	2.627+02	.....	.....	.....	.....	.....	.....	1.764-01	3.652-12	1.1
14	51	2.474+02	.....	.....	.....	.....	.....	.....	8.458-01	7.761-12	2.1
14	52	2.464+02	.....	.....	.....	.....	.....	.....	1.988-01	2.714-12	7.2
14	53	2.164+02	.....	.....	.....	.....	.....	.....	4.273-00	1.499-11	2.7
14	54	2.161+02	.....	.....	.....	.....	.....	.....	2.266-00	1.586-11	2.8
15	16	2.057+04	4.914-07	6.232-14	6.459-03	2.203-00	2.795-07	2.842-00	.....	.....	
15	17	1.463+04	1.465-05	1.410-12	5.262-02	.....	.....	.....	.....	.....	
15	19	1.079+04	1.161-05	6.084-13	9.115-03	.....	.....	.....	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
15	22	4.690+03	1.789-06	1.770-14	2.176-05	.....	.....	.....	.....	.....	
15	23	1.950+03	1.539-03	2.634-12	2.328-04	.....	.....	.....	.....	.....	
15	25	1.257+03	4.056-00	1.921-09	4.541-02	1.346+01	6.374-09	3.961-03	.....	.....	
15	26	1.195+03	1.140-00	7.320-10	1.488-02	.....	.....	.....	.....	.....	
15	27	8.902+02	.....	.....	.....	3.166+01	3.762-09	1.656-03	.....	.....	
15	28	7.156+02	4.895-01	7.515-11	3.280-04	2.858+01	4.388-09	1.553-03	.....	.....	
15	29	6.877+02	.....	.....	.....	1.018+02	7.214-09	2.453-03	.....	.....	
15	30	6.782+02	3.016-00	6.240-10	2.319-03	.....	.....	.....	.....	.....	
15	31	6.224+02	4.322-01	5.020-11	1.442-04	4.448-03	5.167-13	1.590-07	.....	.....	
15	33	4.051+02	.....	.....	.....	.....	.....	.....	3.006-01	1.480-11	8.8
15	34	3.977+02	.....	.....	.....	.....	.....	.....	2.713-01	1.930-11	1.0
15	37	3.498+02	.....	.....	.....	.....	.....	.....	6.782-02	3.732-12	1.4
15	38	3.465+02	.....	.....	.....	.....	.....	.....	2.176-01	7.833-12	2.9
15	41	3.178+02	.....	.....	.....	.....	.....	.....	2.015-00	9.154-11	2.6
15	42	3.177+02	.....	.....	.....	.....	.....	.....	3.269-00	9.892-11	2.8
15	44	3.051+02	.....	.....	.....	.....	.....	.....	2.396-03	1.003-13	2.5
15	45	2.986+02	.....	.....	.....	.....	.....	.....	4.243-00	1.134-10	2.7
15	46	2.971+02	.....	.....	.....	.....	.....	.....	7.604-03	3.019-13	7.0
15	48	2.829+02	.....	.....	.....	.....	.....	.....	4.818-02	1.156-12	2.3
15	49	2.661+02	.....	.....	.....	.....	.....	.....	4.135-05	1.317-15	2.2
15	51	2.477+02	.....	.....	.....	.....	.....	.....	1.568+01	2.885-10	3.9
15	52	2.467+02	.....	.....	.....	.....	.....	.....	1.503-00	4.114-11	5.5
15	54	2.163+02	.....	.....	.....	.....	.....	.....	1.773-01	2.488-12	2.2
16	17	5.070+04	1.587-07	9.174-14	2.849-01	3.326-02	1.923-08	9.644-01	.....	.....	
16	18	3.246+04	4.582-07	1.448-13	1.180-01	.....	.....	.....	.....	.....	
16	19	2.272+04	1.272-07	1.476-14	4.122-03	8.222-01	9.540-08	2.143-00	.....	.....	
16	21	7.437+03	3.594-08	5.960-16	5.841-06	.....	.....	.....	.....	.....	
16	22	6.076+03	1.802-05	1.496-13	7.997-04	6.916-06	5.742-14	3.451-07	.....	.....	
16	23	2.155+03	1.269-01	1.325-10	3.158-02	2.788-02	2.911-11	6.204-05	.....	.....	
16	24	1.988+03	1.237-02	1.465-11	2.741-03	.....	.....	.....	.....	.....	

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and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
16	25	1.338+03	1.490-00	4.001-10	2.286-02	1.804+01	4.845-09	6.414-03	.....	.....	
16	26	1.269+03	1.929-00	6.980-10	3.395-02	7.900+01	2.859-08	3.588-02	.....	.....	
16	27	9.305+02	2.516-00	1.633-10	3.135-03	1.294+02	8.400-09	7.731-03	.....	.....	
16	28	7.414+02	2.400-00	1.978-10	1.920-03	7.853+01	6.471-09	4.745-03	.....	.....	
16	29	7.115+02	7.264-00	2.756-10	2.365-03	1.676-00	6.359-11	4.475-05	.....	.....	
16	30	7.013+02	4.741-00	5.244-10	4.310-03	2.727-00	3.017-10	2.093-04	.....	.....	
16	31	6.418+02	9.781-02	6.041-12	3.805-05	7.609-01	4.699-11	2.983-05	.....	.....	
16	32	4.177+02	.....	.....	.....	.....	.....	.....	8.910-01	1.165-11	1.5
16	33	4.133+02	.....	.....	.....	.....	.....	.....	1.065-01	2.727-12	3.4
16	34	4.055+02	.....	.....	.....	.....	.....	.....	4.624-03	1.710-13	2.0
16	36	3.597+02	.....	.....	.....	.....	.....	.....	6.574-02	2.550-12	2.1
16	37	3.558+02	.....	.....	.....	.....	.....	.....	1.431-01	4.073-12	3.2
16	38	3.524+02	.....	.....	.....	.....	.....	.....	4.610-02	8.584-13	6.7
16	39	3.247+02	.....	.....	.....	.....	.....	.....	1.937-00	6.122-11	3.7
16	40	3.232+02	.....	.....	.....	.....	.....	.....	8.543-01	6.689-12	4.0
16	41	3.228+02	.....	.....	.....	.....	.....	.....	3.197-00	7.493-11	4.5
16	42	3.226+02	.....	.....	.....	.....	.....	.....	2.516-02	3.927-13	2.3
16	43	3.161+02	.....	.....	.....	.....	.....	.....	6.306-01	1.889-11	1.0
16	44	3.097+02	.....	.....	.....	.....	.....	.....	6.113-03	1.319-13	7.0
16	45	3.030+02	.....	.....	.....	.....	.....	.....	1.783-00	2.455-11	1.2
16	46	3.015+02	.....	.....	.....	.....	.....	.....	2.720-01	5.558-12	2.7
16	47	2.937+02	.....	.....	.....	.....	.....	.....	3.043-00	1.968-11	8.9
16	48	2.868+02	.....	.....	.....	.....	.....	.....	4.238-00	5.228-11	2.2
16	49	2.696+02	.....	.....	.....	.....	.....	.....	2.713-03	4.433-14	1.5
16	50	2.665+02	.....	.....	.....	.....	.....	.....	7.884-02	1.679-12	5.6
16	51	2.508+02	.....	.....	.....	.....	.....	.....	1.349+01	1.272-10	3.5
16	52	2.497+02	.....	.....	.....	.....	.....	.....	9.731-00	1.364-10	3.8
16	53	2.189+02	.....	.....	.....	.....	.....	.....	3.039-01	1.092-12	2.0
16	54	2.186+02	.....	.....	.....	.....	.....	.....	3.057-00	2.190-11	4.0
17	18	9.025+04	2.405-09	3.915-15	1.028-01	1.348-04	2.194-10	2.938-02	.....	.....	

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and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
17	19	4.115+04	1.251-07	3.176-14	7.909-02	1.360-01	3.453-08	2.108-00	.....	.....	
17	20	9.140+03	3.876-05	8.090-13	2.208-02	.....	.....	.....	.....	.....	
17	21	8.716+03	1.946-04	2.954-12	6.990-02	1.000-01	1.519-09	1.964-02	.....	.....	
17	22	6.903+03	3.448-04	2.463-12	2.896-02	2.283-00	1.631-08	1.671-01	.....	.....	
17	23	2.250+03	5.078-02	3.855-11	1.570-02	2.394+01	1.818-08	6.069-02	.....	.....	
17	24	2.069+03	3.216-01	2.751-10	8.702-02	7.840-00	6.706-09	2.058-02	.....	.....	
17	25	1.375+03	1.472-02	2.780-12	2.581-04	7.939-00	1.500-09	3.059-03	.....	.....	
17	26	1.301+03	3.177-00	8.063-10	6.348-02	5.747+01	1.459-08	2.816-02	.....	.....	
17	27	9.479+02	7.117-00	3.196-10	9.728-03	.....	.....	.....	.....	.....	
17	28	7.524+02	3.846-02	2.176-12	3.312-05	6.655+01	3.765-09	4.203-03	.....	.....	
17	29	7.216+02	6.471-00	1.684-10	2.261-03	.....	.....	.....	.....	.....	
17	30	7.112+02	1.346-01	1.020-11	1.312-04	5.791-00	4.391-10	4.633-04	.....	.....	
17	31	6.501+02	8.508-00	3.593-10	3.528-03	2.767-00	1.169-10	1.127-04	.....	.....	
17	32	4.212+02	.....	.....	.....	.....	.....	.....	3.770-03	3.342-14	6
17	33	4.167+02	.....	.....	.....	.....	.....	.....	1.452-01	2.519-12	4
17	34	4.088+02	.....	.....	.....	.....	.....	.....	3.553-00	8.903-11	1.6
17	35	3.660+02	.....	.....	.....	.....	.....	.....	1.098-02	3.675-13	4
17	36	3.622+02	.....	.....	.....	.....	.....	.....	1.846-01	4.841-12	6
17	37	3.584+02	.....	.....	.....	.....	.....	.....	1.125-04	2.167-15	2
17	38	3.549+02	.....	.....	.....	.....	.....	.....	2.455-02	3.090-13	3
17	39	3.268+02	.....	.....	.....	.....	.....	.....	3.809-00	8.130-11	7
17	40	3.253+02	.....	.....	.....	.....	.....	.....	7.236-01	3.826-12	3
17	41	3.249+02	.....	.....	.....	.....	.....	.....	1.157-01	1.830-12	1
17	42	3.247+02	.....	.....	.....	.....	.....	.....	7.331-03	7.726-14	7
17	43	3.180+02	.....	.....	.....	.....	.....	.....	1.338-00	2.705-11	2
17	44	3.116+02	.....	.....	.....	.....	.....	.....	2.266-00	3.299-11	2
17	45	3.048+02	.....	.....	.....	.....	.....	.....	2.171-02	2.017-13	1
17	46	3.033+02	.....	.....	.....	.....	.....	.....	1.925-02	2.654-13	1
17	47	2.955+02	.....	.....	.....	.....	.....	.....	5.567-02	2.428-13	1
17	48	2.885+02	.....	.....	.....	.....	.....	.....	1.372+01	1.141-10	7

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
17	49	2.710+02	.....	.....	.....	.....	.....	.....	4.024-01	4.432-12	2
17	50	2.679+02	.....	.....	.....	.....	.....	.....	5.515-02	7.914-13	4
17	51	2.520+02	.....	.....	.....	.....	.....	.....	4.847-00	3.077-11	1
17	52	2.509+02	.....	.....	.....	.....	.....	.....	6.747-01	6.369-12	2
17	53	2.199+02	.....	.....	.....	.....	.....	.....	4.050-01	9.786-13	2
17	54	2.196+02	.....	.....	.....	.....	.....	.....	2.394-00	1.153-11	3
18	19	7.564+04	3.603-11	2.318-17	4.779-04	1.211-04	7.788-11	1.165-02	.....	.....	
18	20	1.017+04	2.054-04	3.981-12	1.995-01	4.489-00	8.701-08	1.751-00	.....	.....	
18	21	9.647+03	4.931-04	6.879-12	2.943-01	6.301-00	8.791-08	1.678-00	.....	.....	
18	22	7.475+03	6.342-05	3.984-13	7.930-03	2.298+01	1.444-07	2.135-00	.....	.....	
18	23	2.308+03	1.776-00	1.064-09	6.232-01	4.221-00	2.528-09	1.154-02	.....	.....	
18	24	2.117+03	1.352-01	9.083-11	4.107-02	5.791-00	3.892-09	1.630-02	.....	.....	
18	25	1.396+03	4.338-03	6.337-13	8.216-05	.....	.....	.....	.....	.....	
18	26	1.320+03	2.289-00	4.485-10	4.918-02	1.107+02	2.170-08	5.666-02	.....	.....	
18	28	7.587+02	9.217+01	3.977-09	8.276-02	.....	.....	.....	.....	.....	
18	30	7.168+02	1.866-01	1.078-11	1.892-04	3.027-00	1.749-10	2.480-04	.....	.....	
18	31	6.548+02	9.013-00	2.897-10	3.875-03	.....	.....	.....	.....	.....	
18	33	4.186+02	.....	.....	.....	.....	.....	.....	5.041-04	6.622-15	1
18	34	4.107+02	.....	.....	.....	.....	.....	.....	5.582-03	1.059-13	2
18	35	3.675+02	.....	.....	.....	.....	.....	.....	2.467-00	6.242-11	1.1
18	36	3.637+02	.....	.....	.....	.....	.....	.....	1.909-00	3.786-11	6
18	37	3.598+02	.....	.....	.....	.....	.....	.....	2.051-00	2.986-11	4
18	38	3.563+02	.....	.....	.....	.....	.....	.....	3.023-00	2.876-11	4
18	39	3.279+02	.....	.....	.....	.....	.....	.....	1.740-01	2.805-12	3
18	41	3.261+02	.....	.....	.....	.....	.....	.....	1.916-01	2.291-12	2
18	42	3.259+02	.....	.....	.....	.....	.....	.....	2.888-01	2.299-12	2
18	43	3.192+02	.....	.....	.....	.....	.....	.....	2.690-00	4.108-11	4
18	44	3.127+02	.....	.....	.....	.....	.....	.....	8.596-00	9.449-11	1.0
18	45	3.059+02	.....	.....	.....	.....	.....	.....	9.706-00	6.806-11	6
18	46	3.043+02	.....	.....	.....	.....	.....	.....	4.307-03	4.484-14	4

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
18	48	2.894+02	.....	.....	.....	.....	.....	.....	6.042-00	3.793-11	3.2
18	49	2.719+02	.....	.....	.....	.....	.....	.....	5.010-00	4.163-11	2.9
18	50	2.687+02	.....	.....	.....	.....	.....	.....	5.824-00	6.305-11	4.3
18	51	2.527+02	.....	.....	.....	.....	.....	.....	4.083-01	1.955-12	1.1
18	52	2.516+02	.....	.....	.....	.....	.....	.....	4.085-00	2.908-11	1.6
18	54	2.201+02	.....	.....	.....	.....	.....	.....	1.345-00	4.886-12	1.8
19	20	1.175+04	1.182-04	4.078-12	2.364-01	.....	.....	.....	.....	.....	
19	21	1.106+04	6.023-05	1.472-12	7.112-02	1.874-02	4.580-10	7.513-03	.....	.....	
19	22	8.295+03	4.566-04	4.710-12	9.606-02	1.803-01	1.860-09	2.289-02	.....	.....	
19	23	2.381+03	9.161-03	7.783-12	3.753-03	4.904-00	4.167-09	1.472-02	.....	.....	
19	24	2.178+03	5.562-01	5.275-10	1.948-01	6.578-00	6.238-09	2.016-02	.....	.....	
19	25	1.422+03	5.305-01	1.073-10	1.103-02	2.085+01	4.215-09	8.894-03	.....	.....	
19	26	1.344+03	7.357-02	1.991-11	1.726-03	1.224+02	3.312-08	6.603-02	.....	.....	
19	27	9.703+02	1.922+01	9.040-10	2.951-02	.....	.....	.....	.....	.....	
19	28	7.664+02	3.173+01	1.862-09	2.996-02	6.285-01	3.689-11	4.195-05	.....	.....	
19	29	7.345+02	2.929-01	7.896-12	1.118-04	.....	.....	.....	.....	.....	
19	30	7.237+02	3.184-00	2.500-10	3.386-03	1.314+01	1.032-09	1.108-03	.....	.....	
19	31	6.605+02	2.063-00	8.996-11	9.263-04	5.049-00	2.201-10	2.157-04	.....	.....	
19	32	4.255+02	.....	.....	.....	.....	.....	.....	3.965-01	3.587-12	7.4
19	33	4.209+02	.....	.....	.....	.....	.....	.....	7.941-01	1.406-11	2.8
19	34	4.129+02	.....	.....	.....	.....	.....	.....	3.435-02	8.780-13	1.6
19	35	3.692+02	.....	.....	.....	.....	.....	.....	1.307-02	4.453-13	6.0
19	36	3.655+02	.....	.....	.....	.....	.....	.....	2.206-02	5.889-13	7.7
19	37	3.615+02	.....	.....	.....	.....	.....	.....	5.244-02	1.027-12	1.3
19	38	3.580+02	.....	.....	.....	.....	.....	.....	2.803-03	3.589-14	4.4
19	39	3.294+02	.....	.....	.....	.....	.....	.....	2.069-00	4.486-11	4.3
19	40	3.279+02	.....	.....	.....	.....	.....	.....	8.205-02	4.408-13	4.1
19	41	3.275+02	.....	.....	.....	.....	.....	.....	3.989-02	6.414-13	6.0
19	42	3.273+02	.....	.....	.....	.....	.....	.....	2.646-01	2.833-12	2.6
19	43	3.205+02	.....	.....	.....	.....	.....	.....	1.849-00	3.798-11	3.3

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
19	44	3.140+02	.....	.....	.....	.....	.....	.....	2.205-02	3.259-13	2
19	45	3.071+02	.....	.....	.....	.....	.....	.....	1.371-01	1.292-12	1
19	46	3.055+02	.....	.....	.....	.....	.....	.....	4.420-00	6.184-11	4
19	47	2.976+02	.....	.....	.....	.....	.....	.....	2.437-00	1.078-11	7
19	48	2.905+02	.....	.....	.....	.....	.....	.....	3.337-01	2.815-12	1
19	49	2.728+02	.....	.....	.....	.....	.....	.....	9.527-03	1.063-13	5
19	50	2.697+02	.....	.....	.....	.....	.....	.....	3.309-01	4.810-12	2
19	51	2.536+02	.....	.....	.....	.....	.....	.....	2.312-01	1.485-12	6
19	52	2.525+02	.....	.....	.....	.....	.....	.....	1.334+01	1.274-10	5
19	53	2.211+02	.....	.....	.....	.....	.....	.....	2.695-01	6.583-13	1
19	54	2.207+02	.....	.....	.....	.....	.....	.....	6.217-00	3.028-11	8
20	21	1.876+05	7.678-11	3.241-16	1.274-01	1.451-03	6.126-09	2.842-00	.....	.....	
20	22	2.821+04	7.101-08	5.082-15	6.794-03	.....	.....	.....	.....	.....	
20	23	2.985+03	8.784-02	7.042-11	1.116-01	.....	.....	.....	.....	.....	
20	24	2.674+03	1.650-00	1.415-09	1.611-00	2.086-00	1.788-09	1.182-02	.....	.....	
20	26	1.517+03	1.258+01	2.605-09	5.418-01	.....	.....	.....	.....	.....	
20	30	7.712+02	2.711+01	1.451-09	3.963-02	.....	.....	.....	.....	.....	
20	34	4.280+02	.....	.....	.....	.....	.....	.....	1.020-05	1.681-16	5
20	35	3.812+02	.....	.....	.....	.....	.....	.....	6.100-01	1.329-11	3
20	36	3.772+02	.....	.....	.....	.....	.....	.....	1.479-00	2.524-11	6
20	37	3.730+02	.....	.....	.....	.....	.....	.....	1.548-00	1.937-11	4
20	39	3.389+02	.....	.....	.....	.....	.....	.....	1.180-01	1.625-12	2
20	41	3.369+02	.....	.....	.....	.....	.....	.....	2.843-01	2.902-12	4
20	43	3.295+02	.....	.....	.....	.....	.....	.....	1.462-00	1.903-11	3
20	44	3.226+02	.....	.....	.....	.....	.....	.....	7.377-00	6.906-11	1.0
20	46	3.137+02	.....	.....	.....	.....	.....	.....	4.732-00	4.188-11	5
20	49	2.793+02	.....	.....	.....	.....	.....	.....	4.743-02	3.329-13	3
20	50	2.760+02	.....	.....	.....	.....	.....	.....	7.166-00	6.548-11	6
20	52	2.580+02	.....	.....	.....	.....	.....	.....	1.921+01	1.150-10	8
21	22	3.320+04	2.008-06	2.489-13	4.339-01	1.424-01	1.765-08	1.159-00	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
21	23	3.034+03	4.032-01	4.172-10	5.551-01	1.976-00	2.044-09	1.227-02	.....	.....	
21	24	2.712+03	3.145-01	3.469-10	3.299-01	5.495-00	6.061-09	3.252-02	.....	.....	
21	25	1.632+03	1.038+01	2.073-09	4.295-01	.....	.....	.....	.....	.....	
21	26	1.530+03	3.585-01	9.430-11	1.608-02	1.259+01	3.311-09	1.002-02	.....	.....	
21	28	8.235+02	3.541+01	1.800-09	4.790-02	.....	.....	.....	.....	.....	
21	30	7.744+02	1.412+01	9.518-10	2.106-02	8.949-02	6.034-12	9.243-06	.....	.....	
21	31	7.025+02	1.850+02	6.844-09	1.130-01	.....	.....	.....	.....	.....	
21	33	4.376+02	.....	.....	.....	.....	.....	.....	5.785-05	8.304-16	2
21	34	4.289+02	.....	.....	.....	.....	.....	.....	5.594-04	1.157-14	3
21	35	3.820+02	.....	.....	.....	.....	.....	.....	3.134-01	8.569-12	
21	36	3.780+02	.....	.....	.....	.....	.....	.....	3.923-02	8.401-13	
21	37	3.737+02	.....	.....	.....	.....	.....	.....	1.612-00	2.531-11	4
21	38	3.699+02	.....	.....	.....	.....	.....	.....	5.929-00	6.083-11	1
21	39	3.395+02	.....	.....	.....	.....	.....	.....	1.525-03	2.634-14	3
21	41	3.375+02	.....	.....	.....	.....	.....	.....	1.522-01	1.949-12	2
21	42	3.373+02	.....	.....	.....	.....	.....	.....	4.293-01	3.661-12	5
21	43	3.301+02	.....	.....	.....	.....	.....	.....	2.203-03	3.598-14	4
21	44	3.232+02	.....	.....	.....	.....	.....	.....	3.171-01	3.723-12	4
21	45	3.159+02	.....	.....	.....	.....	.....	.....	7.070-00	5.288-11	5
21	46	3.142+02	.....	.....	.....	.....	.....	.....	2.153-00	2.390-11	2
21	48	2.983+02	.....	.....	.....	.....	.....	.....	3.774-00	2.517-11	2
21	49	2.797+02	.....	.....	.....	.....	.....	.....	1.218+01	1.072-10	8
21	50	2.764+02	.....	.....	.....	.....	.....	.....	1.108-00	1.270-11	9
21	51	2.595+02	.....	.....	.....	.....	.....	.....	2.574+01	1.299-10	8
21	52	2.584+02	.....	.....	.....	.....	.....	.....	3.130-00	2.349-11	
21	54	2.252+02	.....	.....	.....	.....	.....	.....	2.714-00	1.032-11	4
22	23	3.339+03	6.495-02	1.086-10	1.444-01	7.375-01	1.233-09	6.105-03	.....	.....	
22	24	2.954+03	2.634-03	4.594-12	4.231-03	4.622-01	8.062-10	3.533-03	.....	.....	
22	25	1.717+03	4.730-00	1.393-09	2.518-01	3.630+01	1.069-08	2.723-02	.....	.....	
22	26	1.603+03	1.685-00	6.494-10	9.565-02	8.471+01	3.265-08	7.766-02	.....	.....	

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
22	27	1.099+03	4.888-01	2.949-11	1.398-03	.....	.....	.....	.....	.....	
22	28	8.444+02	6.197-05	4.416-15	9.503-08	4.162-00	2.966-10	3.716-04	.....	.....	
22	29	8.058+02	1.196+02	3.880-09	7.256-02	.....	.....	.....	.....	.....	
22	30	7.929+02	6.575-00	6.197-10	1.104-02	1.813-01	1.708-11	2.009-05	.....	.....	
22	31	7.176+02	1.260-00	6.488-11	8.569-04	2.906-00	1.496-10	1.593-04	.....	.....	
22	32	4.485+02	.....	.....	.....	.....	.....	.....	2.653-04	2.667-15	6
22	33	4.435+02	.....	.....	.....	.....	.....	.....	1.175-03	2.310-14	5
22	34	4.346+02	.....	.....	.....	.....	.....	.....	1.248-02	3.534-13	7
22	35	3.864+02	.....	.....	.....	.....	.....	.....	2.847-01	1.062-11	1
22	36	3.823+02	.....	.....	.....	.....	.....	.....	1.189-00	3.473-11	5
22	37	3.780+02	.....	.....	.....	.....	.....	.....	1.435-00	3.074-11	4
22	38	3.741+02	.....	.....	.....	.....	.....	.....	8.657-01	1.211-11	1
22	39	3.430+02	.....	.....	.....	.....	.....	.....	1.225-01	2.880-12	3
22	40	3.414+02	.....	.....	.....	.....	.....	.....	4.287-02	2.496-13	2
22	41	3.410+02	.....	.....	.....	.....	.....	.....	7.129-04	1.242-14	1
22	42	3.407+02	.....	.....	.....	.....	.....	.....	4.559-02	5.290-13	5
22	43	3.334+02	.....	.....	.....	.....	.....	.....	8.880-01	1.973-11	1
22	44	3.263+02	.....	.....	.....	.....	.....	.....	2.130-00	3.401-11	3
22	45	3.189+02	.....	.....	.....	.....	.....	.....	2.838-00	2.884-11	2
22	46	3.172+02	.....	.....	.....	.....	.....	.....	8.403-01	1.267-11	1
22	47	3.087+02	.....	.....	.....	.....	.....	.....	8.475-01	4.035-12	3
22	48	3.010+02	.....	.....	.....	.....	.....	.....	7.084-01	6.416-12	4
22	49	2.821+02	.....	.....	.....	.....	.....	.....	1.045+01	1.247-10	7
22	50	2.788+02	.....	.....	.....	.....	.....	.....	1.298+01	2.017-10	1.1
22	51	2.615+02	.....	.....	.....	.....	.....	.....	2.069-00	1.415-11	6
22	52	2.604+02	.....	.....	.....	.....	.....	.....	2.688-00	2.732-11	1
22	53	2.271+02	.....	.....	.....	.....	.....	.....	2.471-00	6.371-12	2
22	54	2.268+02	.....	.....	.....	.....	.....	.....	3.943-03	2.026-14	6
23	24	2.561+04	4.762-07	6.245-14	3.750-02	6.711-01	8.801-08	3.344-00	.....	.....	
23	25	3.533+03	2.954-01	3.685-10	5.810-01	3.911-00	4.880-09	2.558-02	.....	.....	

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
23	26	3.085+03	1.035-01	1.476-10	1.548-01	1.127+01	1.608-08	7.357-02	.....	.....	
23	27	1.638+03	8.127-03	1.089-12	1.710-04	.....	.....	.....	.....	.....	
23	28	1.130+03	6.082-00	7.765-10	4.007-02	5.729-00	7.315-10	1.227-03	.....	.....	
23	29	1.062+03	2.721+01	1.534-09	6.570-02	.....	.....	.....	.....	.....	
23	30	1.040+03	2.087-00	3.382-10	1.359-02	5.407+01	8.764-09	1.352-02	.....	.....	
23	31	9.141+02	9.936-00	8.298-10	2.265-02	3.515+01	2.936-09	3.981-03	.....	.....	
23	32	5.181+02	.....	.....	.....	.....	.....	.....	6.331-05	8.494-16	3.1
23	33	5.114+02	.....	.....	.....	.....	.....	.....	1.093-04	2.857-15	1.0
23	34	4.996+02	.....	.....	.....	.....	.....	.....	1.440-04	5.388-15	1.8
23	35	4.370+02	.....	.....	.....	.....	.....	.....	2.698-06	1.287-16	2.8
23	36	4.317+02	.....	.....	.....	.....	.....	.....	4.132-02	1.539-12	3.3
23	37	4.262+02	.....	.....	.....	.....	.....	.....	5.291-02	1.441-12	2.9
23	38	4.213+02	.....	.....	.....	.....	.....	.....	3.434-02	6.093-13	1.2
23	39	3.822+02	.....	.....	.....	.....	.....	.....	8.768-01	2.561-11	3.8
23	40	3.802+02	.....	.....	.....	.....	.....	.....	4.911-00	3.548-11	5.2
23	41	3.797+02	.....	.....	.....	.....	.....	.....	2.420-00	5.232-11	7.6
23	42	3.795+02	.....	.....	.....	.....	.....	.....	4.127-00	5.939-11	8.7
23	43	3.704+02	.....	.....	.....	.....	.....	.....	7.755-01	2.127-11	2.9
23	44	3.617+02	.....	.....	.....	.....	.....	.....	3.479-01	6.822-12	8.6
23	45	3.526+02	.....	.....	.....	.....	.....	.....	3.284-02	4.080-13	4.7
23	46	3.505+02	.....	.....	.....	.....	.....	.....	1.263-01	2.326-12	2.6
23	47	3.401+02	.....	.....	.....	.....	.....	.....	1.296-00	7.492-12	7.9
23	48	3.309+02	.....	.....	.....	.....	.....	.....	4.526-01	4.952-12	4.8
23	49	3.081+02	.....	.....	.....	.....	.....	.....	8.695-02	1.238-12	9.7
23	50	3.041+02	.....	.....	.....	.....	.....	.....	9.021-01	1.668-11	1.2
23	51	2.838+02	.....	.....	.....	.....	.....	.....	2.459-03	1.979-14	1.2
23	52	2.824+02	.....	.....	.....	.....	.....	.....	3.292-01	3.937-12	2.3
23	53	2.437+02	.....	.....	.....	.....	.....	.....	1.134-00	3.367-12	1.3
23	54	2.433+02	.....	.....	.....	.....	.....	.....	1.377-01	8.148-13	3.1
24	25	4.099+03	1.304-02	1.641-11	5.386-02	.....	.....	.....	.....	.....	

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
24	26	3.507+03	4.455-01	6.161-10	1.266-00	4.471-00	6.183-09	4.290-02	.....	.....	
24	28	1.182+03	6.079-00	6.371-10	5.019-02	.....	.....	.....	.....	.....	
24	30	1.084+03	1.484+01	1.960-09	1.189-01	2.564+01	3.386-09	7.259-03	.....	.....	
24	31	9.479+02	1.168+01	7.868-10	3.193-02	.....	.....	.....	.....	.....	
24	33	5.218+02	.....	.....	.....	.....	.....	.....	1.379-04	2.815-15	1
24	34	5.095+02	.....	.....	.....	.....	.....	.....	2.201-04	6.424-15	3
24	35	4.446+02	.....	.....	.....	.....	.....	.....	8.842-02	3.275-12	1
24	36	4.391+02	.....	.....	.....	.....	.....	.....	1.945-02	5.623-13	1
24	37	4.334+02	.....	.....	.....	.....	.....	.....	2.413-04	5.096-15	1
24	38	4.284+02	.....	.....	.....	.....	.....	.....	9.179-03	1.263-13	3
24	39	3.880+02	.....	.....	.....	.....	.....	.....	9.494-01	2.143-11	4
24	41	3.854+02	.....	.....	.....	.....	.....	.....	1.573-00	2.628-11	5
24	42	3.852+02	.....	.....	.....	.....	.....	.....	8.198-01	9.117-12	1
24	43	3.758+02	.....	.....	.....	.....	.....	.....	1.640-00	3.472-11	6
24	44	3.669+02	.....	.....	.....	.....	.....	.....	7.422-01	1.123-11	1
24	45	3.575+02	.....	.....	.....	.....	.....	.....	3.873-01	3.711-12	6
24	46	3.554+02	.....	.....	.....	.....	.....	.....	1.879-00	2.667-11	4
24	48	3.352+02	.....	.....	.....	.....	.....	.....	1.345-00	1.133-11	1
24	49	3.119+02	.....	.....	.....	.....	.....	.....	9.141-01	9.999-12	1
24	50	3.078+02	.....	.....	.....	.....	.....	.....	6.919-00	9.828-11	1.0
24	51	2.870+02	.....	.....	.....	.....	.....	.....	2.217-00	1.368-11	1
24	52	2.856+02	.....	.....	.....	.....	.....	.....	2.388-00	2.189-11	1
24	54	2.456+02	.....	.....	.....	.....	.....	.....	7.624-01	3.448-12	1
25	26	2.430+04	6.693-06	8.883-13	3.035-01	7.331-01	9.731-08	2.338-00	.....	.....	
25	27	3.053+03	1.489-02	1.040-11	7.052-03	1.396-02	9.755-12	2.946-05	.....	.....	
25	28	1.662+03	2.163-01	8.955-11	9.793-03	3.537+01	1.464-08	2.407-02	.....	.....	
25	29	1.519+03	1.408-04	2.435-14	2.032-06	3.308+01	5.720-09	8.593-03	.....	.....	
25	30	1.473+03	3.122-01	1.524-10	1.161-02	8.078-00	3.944-09	5.747-03	.....	.....	
25	31	1.233+03	5.672-04	1.293-13	5.777-06	6.591-00	1.503-09	1.833-03	.....	.....	
25	32	6.072+02	.....	.....	.....	.....	.....	.....	6.028-02	1.666-12	6

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
25	33	5.979+02	.....	.....	.....	.....	.....	.....	3.241-02	1.737-12	6.6
25	34	5.818+02	.....	.....	.....	.....	.....	.....	6.410-03	4.880-13	1.7
25	36	4.918+02	.....	.....	.....	.....	.....	.....	2.459-01	1.784-11	3.7
25	37	4.847+02	.....	.....	.....	.....	.....	.....	1.876-01	9.912-12	2.0
25	38	4.784+02	.....	.....	.....	.....	.....	.....	5.754-02	1.974-12	3.8
25	39	4.286+02	.....	.....	.....	.....	.....	.....	1.059-01	5.834-12	8.2
25	40	4.261+02	.....	.....	.....	.....	.....	.....	4.970-01	6.763-12	9.3
25	41	4.255+02	.....	.....	.....	.....	.....	.....	1.550-00	6.308-11	8.6
25	42	4.251+02	.....	.....	.....	.....	.....	.....	1.490-00	4.037-11	5.5
25	43	4.138+02	.....	.....	.....	.....	.....	.....	7.751-01	3.978-11	5.0
25	44	4.029+02	.....	.....	.....	.....	.....	.....	5.667-01	2.069-11	2.4
25	45	3.917+02	.....	.....	.....	.....	.....	.....	2.875-01	6.611-12	7.1
25	46	3.891+02	.....	.....	.....	.....	.....	.....	1.896-01	6.455-12	6.8
25	47	3.763+02	.....	.....	.....	.....	.....	.....	2.249-01	2.388-12	2.2
25	48	3.650+02	.....	.....	.....	.....	.....	.....	6.975-02	1.393-12	1.2
25	49	3.376+02	.....	.....	.....	.....	.....	.....	3.792-01	9.719-12	6.6
25	50	3.328+02	.....	.....	.....	.....	.....	.....	5.756-01	1.911-11	1.2
25	51	3.085+02	.....	.....	.....	.....	.....	.....	5.309-02	7.577-13	3.9
25	52	3.070+02	.....	.....	.....	.....	.....	.....	3.281-02	6.952-13	3.5
25	53	2.618+02	.....	.....	.....	.....	.....	.....	2.470-01	1.268-12	4.0
25	54	2.613+02	.....	.....	.....	.....	.....	.....	2.602-01	2.664-12	8.5
26	27	3.492+03	1.292-02	7.869-12	1.197-02	.....	.....	.....	.....	.....	
26	28	1.784+03	5.822-01	1.852-10	3.757-02	1.193+01	3.796-09	1.005-02	.....	.....	
26	29	1.620+03	1.850-00	2.426-10	3.687-02	.....	.....	.....	.....	.....	
26	30	1.568+03	6.254-01	2.307-10	3.181-02	5.558-02	2.050-11	4.771-05	.....	.....	
26	31	1.299+03	2.535-01	4.275-11	3.350-03	4.340+01	7.320-09	1.411-02	.....	.....	
26	32	6.227+02	.....	.....	.....	.....	.....	.....	6.476-03	1.255-13	8.1
26	33	6.130+02	.....	.....	.....	.....	.....	.....	2.241-02	8.414-13	5.2
26	34	5.961+02	.....	.....	.....	.....	.....	.....	2.037-02	1.085-12	6.1
26	35	5.092+02	.....	.....	.....	.....	.....	.....	3.998-01	2.590-11	9.1

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
26	36	5.020+02	.....	.....	.....	.....	.....	.....	6.466-02	3.257-12	1.1
26	37	4.946+02	.....	.....	.....	.....	.....	.....	1.526-04	5.597-15	1.8
26	38	4.880+02	.....	.....	.....	.....	.....	.....	1.698-02	4.041-13	1.2
26	39	4.363+02	.....	.....	.....	.....	.....	.....	1.764-00	6.714-11	1.49
26	40	4.337+02	.....	.....	.....	.....	.....	.....	4.686-01	4.405-12	9.6
26	41	4.330+02	.....	.....	.....	.....	.....	.....	3.884-01	1.092-11	2.3
26	42	4.327+02	.....	.....	.....	.....	.....	.....	2.617-02	4.897-13	1.0
26	43	4.209+02	.....	.....	.....	.....	.....	.....	3.888-02	1.377-12	2.7
26	44	4.097+02	.....	.....	.....	.....	.....	.....	9.465-01	2.382-11	4.3
26	45	3.981+02	.....	.....	.....	.....	.....	.....	1.171-00	1.854-11	3.1
26	46	3.954+02	.....	.....	.....	.....	.....	.....	8.186-01	1.919-11	3.1
26	47	3.822+02	.....	.....	.....	.....	.....	.....	5.202-01	3.799-12	5.6
26	48	3.706+02	.....	.....	.....	.....	.....	.....	1.782-01	2.446-12	3.3
26	49	3.423+02	.....	.....	.....	.....	.....	.....	8.113-02	1.426-12	1.5
26	50	3.374+02	.....	.....	.....	.....	.....	.....	1.120-01	2.549-12	2.6
26	51	3.125+02	.....	.....	.....	.....	.....	.....	2.485-01	2.426-12	1.9
26	52	3.109+02	.....	.....	.....	.....	.....	.....	3.207-04	4.647-15	3.7
26	53	2.646+02	.....	.....	.....	.....	.....	.....	1.645-00	5.754-12	2.8
26	54	2.641+02	.....	.....	.....	.....	.....	.....	6.704-01	4.674-12	2.3
27	28	3.648+03	4.295-04	1.714-12	9.906-04	1.295-00	5.164-09	9.316-03	.....	.....	
27	29	3.022+03	.....	.....	.....	8.991-00	1.231-08	1.840-02	.....	.....	
27	30	2.848+03	4.495-03	1.639-11	4.509-03	.....	.....	.....	.....	.....	
27	31	2.069+03	2.159-01	2.770-10	2.922-02	4.046-01	5.192-10	5.313-04	.....	.....	
27	33	7.435+02	.....	.....	.....	.....	.....	.....	1.504-03	2.492-13	9.1
27	34	7.188+02	.....	.....	.....	.....	.....	.....	9.245-03	2.149-12	7.1
27	37	5.762+02	.....	.....	.....	.....	.....	.....	1.456-06	2.174-16	3.7
27	38	5.672+02	.....	.....	.....	.....	.....	.....	1.450-05	1.399-15	2.2
27	41	4.943+02	.....	.....	.....	.....	.....	.....	1.448-04	1.592-14	1.7
27	42	4.939+02	.....	.....	.....	.....	.....	.....	1.719-03	1.257-13	1.3
27	44	4.642+02	.....	.....	.....	.....	.....	.....	1.007-02	9.761-13	8.7

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
27	45	4.493+02	.....	.....	.....	.....	.....	.....	6.428-02	3.890-12	3.1
27	46	4.459+02	.....	.....	.....	.....	.....	.....	2.046-02	1.830-12	1.4
27	48	4.146+02	.....	.....	.....	.....	.....	.....	5.894-02	3.038-12	1.9
27	49	3.796+02	.....	.....	.....	.....	.....	.....	6.158-04	3.990-14	1.9
27	51	3.432+02	.....	.....	.....	.....	.....	.....	2.638-02	9.320-13	3.3
27	52	3.413+02	.....	.....	.....	.....	.....	.....	1.687-02	8.835-13	3.1
27	54	2.858+02	.....	.....	.....	.....	.....	.....	1.087+01	2.661-10	5.5
28	29	1.763+04	2.451-05	5.712-13	7.463-02	3.044-00	7.096-08	1.238-00	.....	.....	
28	30	1.298+04	1.976-04	7.493-12	3.908-01	2.934-01	1.112-08	1.429-01	.....	.....	
28	31	4.780+03	3.395-02	1.163-10	3.025-01	1.416+01	4.851-08	2.293-01	.....	.....	
28	32	9.567+02	.....	.....	.....	.....	.....	.....	1.114-04	7.641-15	1.1
28	33	9.339+02	.....	.....	.....	.....	.....	.....	1.264-05	1.652-15	2.4
28	34	8.953+02	.....	.....	.....	.....	.....	.....	8.576-04	1.546-13	1.9
28	36	6.986+02	.....	.....	.....	.....	.....	.....	1.384-03	2.025-13	1.2
28	37	6.842+02	.....	.....	.....	.....	.....	.....	4.294-04	4.521-14	2.5
28	38	6.717+02	.....	.....	.....	.....	.....	.....	1.543-05	1.044-15	5.6
28	39	5.776+02	.....	.....	.....	.....	.....	.....	4.799-02	4.800-12	1.6
28	40	5.730+02	.....	.....	.....	.....	.....	.....	8.242-03	2.028-13	6.8
28	41	5.718+02	.....	.....	.....	.....	.....	.....	5.178-04	3.808-14	1.2
28	42	5.713+02	.....	.....	.....	.....	.....	.....	9.269-03	4.535-13	1.5
28	43	5.509+02	.....	.....	.....	.....	.....	.....	1.403-02	1.276-12	3.8
28	44	5.319+02	.....	.....	.....	.....	.....	.....	6.059-03	3.855-13	1.0
28	45	5.124+02	.....	.....	.....	.....	.....	.....	3.215-03	1.266-13	3.0
28	46	5.080+02	.....	.....	.....	.....	.....	.....	4.160-02	2.414-12	5.6
28	47	4.865+02	.....	.....	.....	.....	.....	.....	5.724-02	1.015-12	2.0
28	48	4.678+02	.....	.....	.....	.....	.....	.....	2.165-03	7.102-14	1.3
28	49	4.236+02	.....	.....	.....	.....	.....	.....	2.312-03	9.332-14	1.2
28	50	4.161+02	.....	.....	.....	.....	.....	.....	7.052-03	3.661-13	4.7
28	51	3.789+02	.....	.....	.....	.....	.....	.....	1.501-01	3.231-12	3.1
28	52	3.765+02	.....	.....	.....	.....	.....	.....	1.870-01	5.960-12	5.6

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
28	53	3.107+02	.....	.....	.....	.....	.....	.....	9.818-00	7.104-11	3
28	54	3.100+02	.....	.....	.....	.....	.....	.....	1.354+01	1.951-10	1.0
29	30	4.925+04	1.416-07	1.545-13	2.199-01	.....	.....	.....	.....	.....	
29	31	6.557+03	5.026-03	6.479-11	2.176-01	1.822-00	2.349-08	7.616-02	.....	.....	
29	33	9.861+02	.....	.....	.....	.....	.....	.....	2.855-04	8.324-14	7
29	34	9.432+02	.....	.....	.....	.....	.....	.....	1.907-04	7.629-14	5
29	37	7.119+02	.....	.....	.....	.....	.....	.....	9.055-05	2.064-14	6
29	38	6.983+02	.....	.....	.....	.....	.....	.....	2.719-05	3.975-15	1
29	41	5.910+02	.....	.....	.....	.....	.....	.....	1.923-02	3.021-12	5
29	42	5.904+02	.....	.....	.....	.....	.....	.....	8.377-03	8.755-13	1
29	44	5.484+02	.....	.....	.....	.....	.....	.....	3.149-04	4.259-14	6
29	45	5.278+02	.....	.....	.....	.....	.....	.....	2.440-03	2.038-13	2
29	46	5.231+02	.....	.....	.....	.....	.....	.....	6.218-02	7.652-12	9
29	48	4.806+02	.....	.....	.....	.....	.....	.....	1.682-02	1.165-12	1
29	49	4.341+02	.....	.....	.....	.....	.....	.....	1.706-04	1.446-14	1
29	51	3.872+02	.....	.....	.....	.....	.....	.....	4.571-02	2.055-12	1
29	52	3.847+02	.....	.....	.....	.....	.....	.....	4.126-01	2.747-11	1
29	54	3.156+02	.....	.....	.....	.....	.....	.....	2.867-00	8.561-11	2
30	31	7.564+03	1.110-03	6.347-12	9.816-02	3.499+01	2.001-07	2.246-00	.....	.....	
30	32	1.033+03	.....	.....	.....	.....	.....	.....	8.681-06	4.627-16	1
30	33	1.006+03	.....	.....	.....	.....	.....	.....	1.870-05	1.892-15	5
30	34	9.616+02	.....	.....	.....	.....	.....	.....	6.115-05	8.477-15	2
30	35	7.539+02	.....	.....	.....	.....	.....	.....	2.522-02	3.581-12	4
30	36	7.383+02	.....	.....	.....	.....	.....	.....	2.387-03	2.601-13	2
30	37	7.223+02	.....	.....	.....	.....	.....	.....	1.655-04	1.294-14	1
30	38	7.083+02	.....	.....	.....	.....	.....	.....	7.235-04	3.628-14	3
30	39	6.045+02	.....	.....	.....	.....	.....	.....	1.677-02	1.225-12	7
30	40	5.995+02	.....	.....	.....	.....	.....	.....	4.352-03	7.814-14	4
30	41	5.982+02	.....	.....	.....	.....	.....	.....	3.394-03	1.821-13	1
30	42	5.975+02	.....	.....	.....	.....	.....	.....	3.498-04	1.248-14	7

Table 3. Transition energies (ΔE_{ij} in $\mathring{A}$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
30	43	5.753+02	.....	.....	.....	.....	.....	.....	1.510-02	9.990-13	5.106-01
30	44	5.546+02	.....	.....	.....	.....	.....	.....	1.312-02	6.049-13	2.770-01
30	45	5.335+02	.....	.....	.....	.....	.....	.....	7.471-05	2.125-15	8.659-04
30	46	5.287+02	.....	.....	.....	.....	.....	.....	1.488-02	6.237-13	2.474-01
30	47	5.054+02	.....	.....	.....	.....	.....	.....	3.992-02	5.095-13	1.766-01
30	48	4.853+02	.....	.....	.....	.....	.....	.....	8.277-03	1.948-13	5.977-02
30	49	4.379+02	.....	.....	.....	.....	.....	.....	4.003-02	1.151-12	2.594-01
30	50	4.299+02	.....	.....	.....	.....	.....	.....	1.660-02	6.132-13	1.308-01
30	51	3.903+02	.....	.....	.....	.....	.....	.....	4.617-02	7.029-13	1.122-01
30	52	3.877+02	.....	.....	.....	.....	.....	.....	5.406-03	1.218-13	1.906-02
30	53	3.183+02	.....	.....	.....	.....	.....	.....	2.885+01	1.461-10	1.264+01
30	54	3.176+02	.....	.....	.....	.....	.....	.....	1.004+01	1.013-10	8.709-00
31	32	1.196+03	.....	.....	.....	.....	.....	.....	4.792-05	5.139-15	1.574-02
31	33	1.161+03	.....	.....	.....	.....	.....	.....	4.470-05	9.027-15	2.525-02
31	34	1.102+03	.....	.....	.....	.....	.....	.....	4.012-05	1.095-14	2.620-02
31	36	8.182+02	.....	.....	.....	.....	.....	.....	5.585-03	1.121-12	1.099-00
31	37	7.986+02	.....	.....	.....	.....	.....	.....	3.401-03	4.878-13	4.445-01
31	38	7.815+02	.....	.....	.....	.....	.....	.....	7.787-04	7.131-14	6.091-02
31	39	6.570+02	.....	.....	.....	.....	.....	.....	4.507-03	5.832-13	2.959-01
31	40	6.510+02	.....	.....	.....	.....	.....	.....	3.454-04	1.097-14	5.419-03
31	41	6.495+02	.....	.....	.....	.....	.....	.....	4.849-03	4.601-13	2.256-01
31	42	6.488+02	.....	.....	.....	.....	.....	.....	1.953-03	1.233-13	6.024-02
31	43	6.227+02	.....	.....	.....	.....	.....	.....	1.822-03	2.118-13	9.150-02
31	44	5.985+02	.....	.....	.....	.....	.....	.....	2.476-03	1.995-13	7.651-02
31	45	5.739+02	.....	.....	.....	.....	.....	.....	2.341-03	1.156-13	3.911-02
31	46	5.684+02	.....	.....	.....	.....	.....	.....	4.054-03	2.946-13	9.681-02
31	47	5.416+02	.....	.....	.....	.....	.....	.....	7.544-05	1.659-15	4.716-04
31	48	5.186+02	.....	.....	.....	.....	.....	.....	4.994-03	2.013-13	5.023-02
31	49	4.648+02	.....	.....	.....	.....	.....	.....	4.302-02	2.091-12	3.757-01
31	50	4.558+02	.....	.....	.....	.....	.....	.....	1.334-01	8.309-12	1.408-00

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	
31	51	4.115+02	.....	.....	.....	.....	.....	.....	2.023-02	5.136-13	6.4(
31	52	4.087+02	.....	.....	.....	.....	.....	.....	2.321-02	8.718-13	1.0(
31	53	3.323+02	.....	.....	.....	.....	.....	.....	2.749-01	2.275-12	1.4(
31	54	3.315+02	.....	.....	.....	.....	.....	.....	5.584-01	9.202-12	6.0(
32	33	3.915+04	2.174-08	9.991-15	7.141-03	3.744-01	1.720-07	3.331-00	.....	.....	
32	34	1.395+04	1.379-05	1.207-12	3.906-02	.....	.....	.....	.....	.....	
32	37	2.403+03	8.228-02	2.137-10	3.531-02	.....	.....	.....	.....	.....	
32	38	2.255+03	4.242-01	6.467-10	8.833-02	4.343-02	6.622-11	7.384-05	.....	.....	
32	40	1.429+03	.....	.....	.....	6.739+01	2.062-08	1.457-02	.....	.....	
32	41	1.422+03	8.898-01	8.087-10	2.767-02	.....	.....	.....	.....	.....	
32	42	1.418+03	7.756-01	4.676-10	1.588-02	2.657-00	1.602-09	1.123-03	.....	.....	
32	44	1.198+03	2.001-02	1.291-11	2.644-04	.....	.....	.....	.....	.....	
32	45	1.103+03	5.783-02	2.111-11	3.379-04	7.277-01	2.656-10	1.450-04	.....	.....	
32	46	1.083+03	2.139-02	1.129-11	1.709-04	.....	.....	.....	.....	.....	
32	47	9.898+02	.....	.....	.....	2.165+01	3.181-09	1.557-03	.....	.....	
32	48	9.155+02	3.760-03	9.449-13	8.636-06	6.348-00	1.595-09	7.222-04	.....	.....	
32	49	7.603+02	5.398-01	1.404-10	7.350-04	.....	.....	.....	.....	.....	
32	51	6.274+02	7.891-00	9.313-10	2.740-03	9.038-00	1.067-09	3.309-04	.....	.....	
32	52	6.208+02	1.437-00	2.491-10	7.098-04	.....	.....	.....	.....	.....	
32	53	4.601+02	.....	.....	.....	2.385+01	7.570-10	1.722-04	.....	.....	
32	54	4.587+02	2.519-02	1.589-12	1.827-06	4.372-00	2.758-10	6.255-05	.....	.....	
33	34	2.168+04	1.615-06	1.707-13	4.143-02	1.595-00	1.686-07	3.615-00	.....	.....	
33	36	2.773+03	8.046-02	1.855-10	9.419-02	.....	.....	.....	.....	.....	
33	37	2.560+03	2.086-01	3.074-10	1.228-01	7.184-03	1.059-11	2.681-05	.....	.....	
33	38	2.393+03	2.089-01	1.793-10	5.853-02	4.762-01	4.088-10	9.673-04	.....	.....	
33	39	1.514+03	9.024-01	6.201-10	5.127-02	.....	.....	.....	.....	.....	
33	40	1.483+03	4.677-01	7.709-11	5.988-03	4.603+01	7.587-09	1.113-02	.....	.....	
33	41	1.475+03	9.559-02	4.677-11	3.576-03	2.375-00	1.162-09	1.696-03	.....	.....	
33	42	1.471+03	1.269-01	4.118-11	3.124-03	4.176+01	1.355-08	1.972-02	.....	.....	
33	43	1.343+03	1.037-01	5.615-11	3.243-03	.....	.....	.....	.....	.....	

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
33	44	1.236+03	2.613-02	8.970-12	4.032-04	1.006-00	3.455-10	4.222-04	.....	.....	.....
33	45	1.135+03	2.656-02	5.134-12	1.790-04	3.978-00	7.689-10	8.635-04	.....	.....	.....
33	46	1.114+03	3.603-04	1.006-13	3.312-06	2.439-00	6.808-10	7.502-04	.....	.....	.....
33	47	1.016+03	1.278-02	9.880-13	2.465-05	2.020-00	1.561-10	1.568-04	.....	.....	.....
33	48	9.374+02	2.146-03	2.827-13	5.547-06	1.978+01	2.606-09	2.416-03	.....	.....	.....
33	49	7.754+02	1.258-02	1.701-12	1.889-05	2.993-01	4.046-11	3.103-05	.....	.....	.....
33	50	7.506+02	6.962-01	1.176-10	1.185-03	.....	.....	.....	.....	.....	.....
33	51	6.376+02	2.731-00	1.664-10	1.028-03	3.774+01	2.300-09	1.451-03	.....	.....	.....
33	52	6.308+02	2.734-00	2.447-10	1.463-03	2.121+01	1.898-09	1.184-03	.....	.....	.....
33	53	4.656+02	2.701-01	4.388-12	1.055-05	2.794-00	4.539-11	2.090-05	.....	.....	.....
33	54	4.641+02	2.345-00	7.573-11	1.804-04	1.059+01	3.420-10	1.570-04	.....	.....	.....
34	35	3.490+03	5.593-02	1.702-10	2.587-01	.....	.....	.....	.....	.....	.....
34	36	3.179+03	6.470-02	1.307-10	1.502-01	3.381-01	6.831-10	3.222-03	.....	.....	.....
34	37	2.903+03	4.595-02	5.804-11	5.073-02	3.710-01	4.686-10	2.018-03	.....	.....	.....
34	38	2.690+03	1.324-02	9.570-12	6.654-03	2.745-01	1.984-10	7.918-04	.....	.....	.....
34	39	1.628+03	3.221-01	1.706-10	2.628-02	4.005+01	2.121-08	5.121-02	.....	.....	.....
34	40	1.592+03	6.917-03	8.757-13	1.262-04	.....	.....	.....	.....	.....	.....
34	41	1.583+03	2.742-01	1.030-10	1.459-02	2.016+01	7.572-09	1.778-02	.....	.....	.....
34	42	1.578+03	7.949-02	1.979-11	2.781-03	2.586+01	6.438-09	1.508-02	.....	.....	.....
34	43	1.432+03	7.231-03	2.965-12	3.113-04	1.592-00	6.529-10	1.387-03	.....	.....	.....
34	44	1.310+03	8.070-03	2.077-12	1.670-04	5.008-00	1.289-09	2.506-03	.....	.....	.....
34	45	1.198+03	1.837-02	2.635-12	1.620-04	5.846-00	8.388-10	1.491-03	.....	.....	.....
34	46	1.174+03	7.401-03	1.530-12	8.859-05	1.799+01	3.720-09	6.483-03	.....	.....	.....
34	47	1.065+03	1.075-01	6.097-12	2.635-04	.....	.....	.....	.....	.....	.....
34	48	9.797+02	3.974-01	3.813-11	1.281-03	7.605-01	7.296-11	1.060-04	.....	.....	.....
34	49	8.042+02	2.463-01	2.388-11	4.438-04	3.809-01	3.693-11	4.406-05	.....	.....	.....
34	50	7.775+02	1.480-00	1.789-10	3.004-03	1.093-00	1.321-10	1.524-04	.....	.....	.....
34	51	6.569+02	1.674-00	7.222-11	7.317-04	1.387+01	5.982-10	5.830-04	.....	.....	.....
34	52	6.497+02	1.157-00	7.321-11	7.175-04	1.155+02	7.311-09	7.047-03	.....	.....	.....
34	53	4.758+02	1.067-02	1.207-13	4.648-07	.....	.....	.....	.....	.....	.....

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and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
34	54	4.743+02	6.285-00	1.413-10	5.387-04	3.375-00	7.586-11	5.338-05	.....	.....	.....
35	36	3.568+04	1.736-07	2.650-14	7.174-02	7.221-01	1.103-07	9.730-00	.....	.....	.....
35	37	1.724+04	2.239-06	5.985-14	1.826-02	.....	.....	.....	.....	.....	.....
35	39	3.050+03	5.872-01	6.550-10	1.107-00	1.604+01	1.789-08	1.349-01	.....	.....	.....
35	41	2.896+03	3.395-01	2.561-10	3.705-01	.....	.....	.....	.....	.....	.....
35	43	2.429+03	7.228-02	5.114-11	4.364-02	2.187+01	1.548-08	9.294-02	.....	.....	.....
35	44	2.098+03	4.584-05	1.815-14	9.980-06	.....	.....	.....	.....	.....	.....
35	46	1.770+03	5.141-02	1.449-11	4.784-03	.....	.....	.....	.....	.....	.....
35	49	1.045+03	2.919-01	2.867-11	1.948-03	.....	.....	.....	.....	.....	.....
35	50	1.000+03	1.399-00	1.679-10	1.001-02	1.080+02	1.296-08	3.206-02	.....	.....	.....
35	52	7.983+02	5.099-00	2.923-10	8.856-03	.....	.....	.....	.....	.....	.....
36	37	3.335+04	1.839-07	2.301-14	4.067-02	1.525-00	1.908-07	1.259+01	.....	.....	.....
36	38	1.746+04	2.535-06	5.790-14	1.468-02	.....	.....	.....	.....	.....	.....
36	39	3.335+03	1.147-01	1.913-10	3.379-01	8.119-00	1.354-08	8.929-02	.....	.....	.....
36	41	3.152+03	2.687-01	3.002-10	4.478-01	4.912-00	5.487-09	3.421-02	.....	.....	.....
36	42	3.134+03	4.226-01	3.112-10	4.566-01	.....	.....	.....	.....	.....	.....
36	43	2.606+03	8.030-03	8.177-12	6.897-03	1.538-01	1.566-10	8.074-04	.....	.....	.....
36	44	2.229+03	1.011-02	5.649-12	2.981-03	8.445-00	4.718-09	2.080-02	.....	.....	.....
36	45	1.923+03	4.963-03	1.375-12	4.659-04	.....	.....	.....	.....	.....	.....
36	46	1.862+03	1.903-03	7.422-13	2.284-04	1.229-00	4.794-10	1.766-03	.....	.....	.....
36	48	1.416+03	6.406-02	9.630-12	1.303-03	.....	.....	.....	.....	.....	.....
36	49	1.076+03	7.686-01	1.001-10	5.951-03	3.101+01	4.040-09	8.602-03	.....	.....	.....
36	50	1.029+03	1.774-02	2.817-12	1.463-04	3.210-00	5.097-10	1.038-03	.....	.....	.....
36	51	8.280+02	9.919-03	5.097-13	1.379-05	.....	.....	.....	.....	.....	.....
36	52	8.165+02	7.396-03	5.545-13	1.439-05	4.781+01	3.584-09	5.790-03	.....	.....	.....
36	54	5.574+02	2.299+01	5.355-10	4.420-03	.....	.....	.....	.....	.....	.....
37	38	3.663+04	6.641-08	8.905-15	1.564-02	1.299-00	1.743-07	9.469-00	.....	.....	.....
37	39	3.705+03	9.883-03	2.712-11	4.930-02	2.542-01	6.974-10	3.834-03	.....	.....	.....
37	40	3.524+03	3.482-01	2.161-10	3.380-01	.....	.....	.....	.....	.....	.....
37	41	3.481+03	1.371-01	2.490-10	3.752-01	1.494+01	2.714-08	1.402-01	.....	.....	.....

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and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
37	42	3.460+03	1.089-01	1.302-10	1.927-01	4.040-01	4.833-10	2.481-03	.....	.....	.....
37	43	2.827+03	2.165-04	3.459-13	2.794-04	4.074-00	6.508-09	2.730-02	.....	.....	.....
37	44	2.389+03	1.460-03	1.249-12	6.081-04	7.251-01	6.202-10	2.198-03	.....	.....	.....
37	45	2.040+03	3.531-02	1.469-11	4.461-03	6.796-00	2.828-09	8.561-03	.....	.....	.....
37	46	1.972+03	3.390-02	1.977-11	5.423-03	1.463-00	8.534-10	2.497-03	.....	.....	.....
37	47	1.683+03	2.061-01	2.918-11	4.972-03	.....	.....	.....	.....	.....	.....
37	48	1.479+03	1.394-06	3.047-16	3.522-08	4.589-00	1.003-09	2.201-03	.....	.....	.....
37	49	1.112+03	2.385-03	4.425-13	2.176-05	4.778-00	8.863-10	1.463-03	.....	.....	.....
37	50	1.062+03	3.362-03	7.579-13	3.244-05	2.086+01	4.702-09	7.409-03	.....	.....	.....
37	51	8.491+02	1.817-01	1.309-11	2.865-04	5.240+01	3.776-09	4.757-03	.....	.....	.....
37	52	8.370+02	5.199-01	5.460-11	1.144-03	1.854-00	1.948-10	2.419-04	.....	.....	.....
37	53	5.691+02	3.865+01	6.256-10	4.120-03	.....	.....	.....	.....	.....	.....
37	54	5.669+02	1.482-00	4.761-11	3.100-04	3.221-00	1.035-10	8.702-05	.....	.....	.....
38	39	4.122+03	2.429-04	1.238-12	2.065-03	.....	.....	.....	.....	.....	.....
38	40	3.899+03	1.394-01	1.589-10	2.245-01	1.899+01	2.164-08	8.348-02	.....	.....	.....
38	41	3.846+03	1.514-02	5.035-11	6.826-02	8.010-01	2.665-09	1.014-02	.....	.....	.....
38	42	3.820+03	1.217-01	2.664-10	3.539-01	1.675+01	3.665-08	1.385-01	.....	.....	.....
38	43	3.064+03	5.208-05	1.466-13	1.004-04	.....	.....	.....	.....	.....	.....
38	44	2.555+03	1.129-03	1.658-12	6.588-04	9.003-00	1.322-08	3.341-02	.....	.....	.....
38	45	2.161+03	1.292-02	9.046-12	2.174-03	2.675-00	1.872-09	4.001-03	.....	.....	.....
38	46	2.085+03	6.539-03	6.391-12	1.380-03	5.041-00	4.927-09	1.016-02	.....	.....	.....
38	47	1.764+03	1.137-01	2.653-11	3.471-03	2.330-00	5.436-10	9.485-04	.....	.....	.....
38	48	1.541+03	7.626-02	2.715-11	2.368-03	7.409-02	2.638-11	4.021-05	.....	.....	.....
38	49	1.147+03	5.130-02	1.518-11	5.460-04	5.726+01	1.695-08	1.923-02	.....	.....	.....
38	50	1.094+03	1.984-02	7.115-12	2.217-04	.....	.....	.....	.....	.....	.....
38	51	8.692+02	8.540-02	9.673-12	1.514-04	2.181+01	2.470-09	2.124-03	.....	.....	.....
38	52	8.566+02	7.409-02	1.222-11	1.831-04	2.277-00	3.757-10	3.183-04	.....	.....	.....
38	53	5.780+02	5.801-00	1.453-10	6.686-04	3.792-00	9.497-11	5.430-05	.....	.....	.....
38	54	5.758+02	3.512-02	1.746-12	7.941-06	6.758-03	3.359-13	1.913-07	.....	.....	.....
39	41	5.747+04	8.440-08	3.135-14	2.836-01	1.575-01	5.849-08	6.650-00	.....	.....	.....

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magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
39	42	5.219+04	2.078-08	4.242-15	2.873-02	.....	.....	.....	.....	.....	.....
39	43	1.193+04	1.955-05	4.171-13	3.374-02	5.928-01	1.265-08	2.985-01	.....	.....	.....
39	44	6.722+03	1.278-04	6.492-13	9.396-03	1.450-00	7.368-09	9.798-02	.....	.....	.....
39	45	4.541+03	1.294-04	2.001-13	8.929-04	.....	.....	.....	.....	.....	.....
39	46	4.218+03	6.138-03	1.228-11	4.391-02	3.451-01	6.904-10	5.761-03	.....	.....	.....
39	48	2.461+03	4.668-02	2.120-11	1.506-02	.....	.....	.....	.....	.....	.....
39	49	1.590+03	9.087-03	2.581-12	4.940-04	2.331-02	6.621-12	2.082-05	.....	.....	.....
39	50	1.489+03	2.414-01	8.019-11	1.260-02	4.717+01	1.567-08	4.614-02	.....	.....	.....
39	51	1.102+03	3.980-02	3.620-12	2.305-04	.....	.....	.....	.....	.....	.....
39	52	1.081+03	1.502-01	1.975-11	1.189-03	1.067+01	1.402-09	2.999-03	.....	.....	.....
39	54	6.693+02	1.463-00	4.912-11	7.018-04	.....	.....	.....	.....	.....	.....
40	41	2.819+05	5.124-12	1.832-16	4.889-02	.....	.....	.....	.....	.....	.....
40	42	1.884+05	1.885-10	2.005-15	1.596-01	5.878-03	6.253-08	5.824-00	.....	.....	.....
40	44	7.412+03	1.170-05	2.891-13	1.403-03	.....	.....	.....	.....	.....	.....
40	45	4.846+03	2.162-04	1.523-12	2.064-03	7.711-01	5.430-09	1.301-02	.....	.....	.....
40	46	4.480+03	1.081-04	9.752-13	1.044-03	.....	.....	.....	.....	.....	.....
40	47	3.222+03	.....	.....	.....	3.521-00	5.479-09	8.730-03	.....	.....	.....
40	48	2.548+03	4.793-03	9.333-12	1.840-03	2.029-00	3.950-09	4.977-03	.....	.....	.....
40	49	1.625+03	8.555-02	1.016-10	5.198-03	.....	.....	.....	.....	.....	.....
40	51	1.119+03	2.109-03	7.912-13	1.319-05	4.961-00	1.861-09	1.030-03	.....	.....	.....
40	52	1.098+03	4.941-03	2.678-12	4.220-05	.....	.....	.....	.....	.....	.....
40	53	6.786+02	.....	.....	.....	3.971+01	2.742-09	9.201-04	.....	.....	.....
40	54	6.756+02	1.592-00	2.178-10	8.000-04	1.507+01	2.062-09	6.889-04	.....	.....	.....
41	42	5.675+05	1.398-12	4.499-17	2.939-01	3.044-04	9.799-09	8.250-00	.....	.....	.....
41	43	1.506+04	3.935-06	1.783-13	2.174-02	1.634-01	7.403-09	1.654-01	.....	.....	.....
41	44	7.612+03	2.025-05	1.759-13	2.774-03	2.695-02	2.341-10	2.644-03	.....	.....	.....
41	45	4.931+03	6.028-07	1.465-15	6.277-06	3.635-01	8.834-10	6.463-03	.....	.....	.....
41	46	4.552+03	1.821-04	5.656-13	1.907-03	2.175-00	6.756-09	4.563-02	.....	.....	.....
41	47	3.259+03	3.998-03	2.122-12	2.626-03	.....	.....	.....	.....	.....	.....
41	48	2.571+03	2.560-03	1.692-12	1.028-03	1.313+01	8.675-09	3.310-02	.....	.....	.....

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
41	49	1.635+03	6.274-02	2.513-11	3.924-03	2.100+01	8.415-09	2.041-02	.....	.....	.....
41	50	1.528+03	4.447-03	2.076-12	2.647-04	1.137+01	5.306-09	1.203-02	.....	.....	.....
41	51	1.123+03	1.164-02	1.468-12	7.429-05	5.284-01	6.660-11	1.110-04	.....	.....	.....
41	52	1.102+03	5.389-03	9.812-13	4.693-05	3.034-00	5.525-10	9.034-04	.....	.....	.....
41	53	6.803+02	3.732-02	8.631-13	9.711-06	.....	.....	.....	.....	.....	.....
41	54	6.772+02	2.223-01	1.019-11	1.131-04	1.320+02	6.050-09	6.078-03	.....	.....	.....
42	43	1.546+04	6.794-08	4.872-15	4.294-04	.....	.....	.....	.....	.....	.....
42	44	7.716+03	3.428-08	4.589-16	5.023-06	2.158-04	2.890-12	2.205-05	.....	.....	.....
42	45	4.974+03	3.643-04	1.351-12	3.962-03	5.407-01	2.006-09	9.868-03	.....	.....	.....
42	46	4.589+03	3.090-04	1.463-12	3.369-03	3.151-00	1.492-08	6.773-02	.....	.....	.....
42	47	3.278+03	2.497-03	2.011-12	1.687-03	1.631+01	1.314-08	4.260-02	.....	.....	.....
42	48	2.583+03	3.406-03	3.408-12	1.399-03	1.654-03	1.654-12	4.227-06	.....	.....	.....
42	49	1.639+03	9.872-03	5.967-12	6.264-04	1.420+01	8.583-09	1.392-02	.....	.....	.....
42	50	1.532+03	1.729-02	1.217-11	1.043-03	.....	.....	.....	.....	.....	.....
42	51	1.125+03	1.037-01	1.968-11	6.680-04	4.920-00	9.340-10	1.039-03	.....	.....	.....
42	52	1.104+03	1.173-01	3.216-11	1.032-03	3.052-00	8.368-10	9.139-04	.....	.....	.....
42	53	6.811+02	2.822-01	9.813-12	7.387-05	1.473+02	5.123-09	3.451-03	.....	.....	.....
42	54	6.780+02	1.081-00	7.448-11	5.530-04	3.739-00	2.577-10	1.728-04	.....	.....	.....
43	44	1.540+04	8.347-05	2.225-12	3.872-01	2.704-00	7.209-08	2.196-00	.....	.....	.....
43	45	7.333+03	8.470-04	3.414-12	6.414-02	.....	.....	.....	.....	.....	.....
43	46	6.525+03	9.308-03	4.456-11	5.899-01	1.921+01	9.195-08	1.187-00	.....	.....	.....
43	48	3.101+03	1.484-01	1.070-10	1.521-01	.....	.....	.....	.....	.....	.....
43	49	1.834+03	7.548-02	2.854-11	8.387-03	2.172+01	8.212-09	2.979-02	.....	.....	.....
43	50	1.701+03	1.938-03	8.406-13	1.971-04	1.243-00	5.391-10	1.814-03	.....	.....	.....
43	51	1.214+03	1.202-00	1.327-10	1.130-02	.....	.....	.....	.....	.....	.....
43	52	1.189+03	3.253-00	5.172-10	4.144-02	1.875+01	2.982-09	7.014-03	.....	.....	.....
43	54	7.091+02	1.956+02	7.372-09	1.252-01	.....	.....	.....	.....	.....	.....
44	45	1.400+04	4.264-04	8.353-12	8.189-01	1.815-00	3.556-08	7.385-01	.....	.....	.....
44	46	1.132+04	2.844-05	5.467-13	2.836-02	4.215-00	8.101-08	1.361-00	.....	.....	.....
44	47	5.699+03	2.693-03	4.371-12	2.891-02	.....	.....	.....	.....	.....	.....

Table 3. Transition energies (ΔE_{ij} in $\AA$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
44	48	3.883+03	8.964-03	1.351-11	2.827-02	9.155-00	1.380-08	7.949-02	.....	.....	.....
44	49	2.082+03	1.252-03	8.136-13	2.623-04	3.955-00	2.569-09	7.935-03	.....	.....	.....
44	50	1.912+03	1.009-01	7.370-11	1.841-02	3.375-00	2.466-09	6.997-03	.....	.....	.....
44	51	1.317+03	2.429-00	4.213-10	3.442-02	2.433+01	4.220-09	8.248-03	.....	.....	.....
44	52	1.289+03	2.699-03	6.720-13	5.139-05	1.826+01	4.546-09	8.690-03	.....	.....	.....
44	53	7.470+02	8.825+01	2.461-09	3.667-02	.....	.....	.....	.....	.....	.....
44	54	7.433+02	3.922+01	2.166-09	3.178-02	4.934-00	2.725-10	3.005-04	.....	.....	.....
45	46	5.923+04	1.033-08	8.150-15	4.035-02	3.062-02	2.416-08	1.415-00	.....	.....	.....
45	47	9.612+03	7.562-05	5.237-13	1.108-02	1.869-00	1.294-08	1.231-01	.....	.....	.....
45	48	5.374+03	2.419-03	1.047-11	3.871-02	1.612+01	6.980-08	3.710-01	.....	.....	.....
45	49	2.445+03	2.309-02	3.105-11	1.082-02	2.799-00	3.765-09	9.105-03	.....	.....	.....
45	50	2.214+03	4.619-02	6.791-11	1.757-02	.....	.....	.....	.....	.....	.....
45	51	1.454+03	7.364-03	2.335-12	1.711-04	1.769-00	5.608-10	8.066-04	.....	.....	.....
45	52	1.419+03	6.957-03	3.151-12	2.147-04	2.758-00	1.249-09	1.754-03	.....	.....	.....
45	53	7.892+02	1.752+01	8.177-10	9.574-03	1.735-00	8.101-11	6.323-05	.....	.....	.....
45	54	7.850+02	6.928-00	6.401-10	7.376-03	1.640+01	1.515-09	1.176-03	.....	.....	.....
46	47	1.147+04	6.598-05	4.342-13	2.344-02	.....	.....	.....	.....	.....	.....
46	48	5.910+03	3.525-06	1.230-14	9.076-05	5.622-00	1.963-08	1.721-01	.....	.....	.....
46	49	2.551+03	1.136-03	1.108-12	6.572-04	3.344-00	3.262-09	1.234-02	.....	.....	.....
46	50	2.300+03	1.111-01	1.175-10	5.113-02	1.257+01	1.330-08	4.540-02	.....	.....	.....
46	51	1.491+03	6.357-02	1.412-11	1.672-03	3.410-01	7.574-11	1.675-04	.....	.....	.....
46	52	1.454+03	2.042-02	6.471-12	7.110-04	7.254-00	2.299-09	4.961-03	.....	.....	.....
46	53	7.998+02	8.884+01	2.840-09	5.193-02	.....	.....	.....	.....	.....	.....
46	54	7.955+02	1.055-00	6.673-11	1.201-03	2.870-00	1.816-10	2.143-04	.....	.....	.....
47	48	1.219+04	3.366-05	1.499-12	3.232-02	4.564-00	2.032-07	1.225-00	.....	.....	.....
47	49	3.280+03	3.902-02	1.888-10	7.934-02	.....	.....	.....	.....	.....	.....
47	51	1.713+03	1.685-01	1.483-10	8.887-03	3.466-00	3.051-09	2.586-03	.....	.....	.....
47	52	1.665+03	1.661-01	2.071-10	1.139-02	.....	.....	.....	.....	.....	.....
47	53	8.597+02	.....	.....	.....	4.654-01	5.157-11	2.192-05	.....	.....	.....
47	54	8.548+02	4.338-01	9.504-11	7.071-04	1.767+01	3.870-09	1.636-03	.....	.....	.....

Table 3. Transition energies (ΔE_{ij} in $\mathring{A}$), radiative rates (A_{ji} in s^{-1}), oscillator strengths (f_{ij}, dimensionless),
and line strengths (S, in atomic units) for electric quadrupole (E2), magnetic dipole (M1), and
magnetic quadrupole (M2) transitions in Fe X. ($a\pm b \equiv 10^{a\pm b}$).

Transition		Energy	E2 Transitions			M1 Transitions			M2 Transitions		
i	j	ΔE_{ij}	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S	A_{ji}	f_{ij}	S
48	49	4.488+03	5.580-03	2.527-11	5.441-02	2.925-02	1.324-10	5.878-04	.....	.....	.....
48	50	3.766+03	1.266-02	5.386-11	6.857-02	.....	.....	.....	.....	.....	.....
48	51	1.994+03	8.027-02	4.784-11	9.033-03	8.443-00	5.032-09	9.923-03	.....	.....	.....
48	52	1.929+03	1.271-01	1.063-10	1.817-02	6.501-00	5.437-09	1.037-02	.....	.....	.....
48	53	9.250+02	3.741-03	2.399-13	4.524-06	4.305+01	2.761-09	2.526-03	.....	.....	.....
48	54	9.193+02	3.466-00	4.391-10	8.126-03	2.563-01	3.247-11	2.953-05	.....	.....	.....
49	50	2.344+04	5.324-07	5.849-14	2.693-02	8.926-01	9.806-08	3.411-00	.....	.....	.....
49	51	3.588+03	2.500-01	3.217-10	5.309-01	2.197-02	2.826-11	1.504-04	.....	.....	.....
49	52	3.382+03	6.219-02	1.067-10	1.475-01	1.135-01	1.947-10	9.772-04	.....	.....	.....
49	53	1.165+03	1.211+01	8.217-10	4.645-02	.....	.....	.....	.....	.....	.....
49	54	1.156+03	2.614-00	3.492-10	1.929-02	4.373-02	5.842-12	1.002-05	.....	.....	.....
50	51	4.236+03	2.741-02	3.687-11	1.335-01	.....	.....	.....	.....	.....	.....
50	52	3.952+03	1.432-01	2.515-10	7.398-01	3.613-02	6.345-11	4.961-04	.....	.....	.....
50	54	1.216+03	8.306-00	9.207-10	7.890-02	.....	.....	.....	.....	.....	.....
51	52	5.902+04	2.986-08	2.339-14	1.145-01	5.240-02	4.104-08	2.396-00	.....	.....	.....
51	53	1.726+03	1.415-02	3.159-12	3.867-04	1.377+01	3.073-09	5.244-03	.....	.....	.....
51	54	1.706+03	2.582-02	1.126-11	1.332-03	2.266+01	9.884-09	1.668-02	.....	.....	.....
52	53	1.778+03	9.908-03	1.564-12	3.140-04	.....	.....	.....	.....	.....	.....
52	54	1.756+03	1.604-01	4.945-11	9.578-03	1.144+01	3.528-09	9.195-03	.....	.....	.....
53	54	1.490+05	1.010-10	6.724-16	2.649-02	2.687-03	1.788-08	1.317-00	.....	.....	.....

Table 4. Comparison of lifetimes for levels of Fe X.

Level	Present Results	Experimental
$3s^2 3p^5\ {}^2P^o_{1/2}$	14.51 ms	13.64 ± 0.25^a, 14.41 ± 0.14^b
$3s3p^6\ {}^2S_{1/2}$	234.0 ps	270 ± 20^c
$3s^2 3p^4({}^3P)3d\ {}^4F_{9/2}$	77.27 ms	85.7 ± 9.2^d, 110 ± 5^e
$3s^2 3p^4({}^3P)3d\ {}^4F_{7/2}$	56.47 ms	93 ± 30^d, 58 ± 10^f
$3s^2 3p^4({}^3P)3d\ {}^2F_{7/2}$	13.69 ms	16.0 ± 1.6^f
$3s^2 3p^4({}^1D)3d\ {}^2F_{7/2}$	4.56 ms	4.6 ± 0.4^f
$3s^2 3p^4({}^1D)3d\ {}^2G_{9/2}$	12.86 ms	17.8 ± 3.1^d

^{a}: Moehs et al. (2001)
^{b}: Träbert et al. (2004)
^{c}: Träbert (1996)
^{d}: Moehs et al. (2000)
^{e}: Träbert et al. (2003)
^{f}: Träbert et al. (2002)