λ (Å)	*ion*	*mult*	*EP*		log *gf*	*ref*	T = 4500 °K		T = 7500 °K	
			(eV)	cm^{-1}			(log *g*=1.0)	(log *g*=4.5)	(log *g*=2.0)	(log *g*=4.5)
8490.079	Fe II		9.74	78525.407	+0.336	K88			0.765	
8491.280	$^{12}C^{14}N$	A-X,4-2,35Q	0.79	6387.272	−1.383	K	0.561			
8492.077	Si I		5.86	47284.061	−1.630	KP	0.734			
8492.939	Fe I		0.98	7895.780	−6.597	K88	0.546			
8493.405	$^{12}C^{14}N$	A-X,4-2,35Q	0.81	6519.466	−1.383	K	0.546			
8493.788	Fe I	1269	4.96	39969.844	−1.982	K88	0.785			
8494.471	Ti I	141	1.74	14028.470	−2.199	K88	0.751	0.796		
8496.100	$^{12}C^{14}N$	A-X,3-1,44P	0.73	5893.294	−1.549	K	0.596			
8496.108	Ti I	313	3.71	29912.262	−0.863	K88	0.449	0.527		
8496.483	Fe I	1136	4.42	35611.619	−2.755	K88	0.818			
8496.984	Fe I	1172	4.61	37162.740	−2.811	K88	0.895			
8497.528	$^{12}C^{14}N$	A-X,2-0,63Q	0.96	7756.248	−1.248	K	0.595			
8497.911	$^{12}C^{14}N$	A-X,3-1,51Q	0.89	7157.432	−1.168	K	0.527			
8498.023	Ca II	2	1.69	13650.190	−1.312	BWL	0.036	0.126	0.198	0.272
8498.582	$^{12}C^{14}N$	A-X,2-0,56P	0.77	6181.913	−1.612	K	0.643			
8499.291	$^{12}C^{14}N$	A-X,4-2,29P	0.70	5668.670	−1.612	K	0.689			
8499.606	Fe II		9.76	78725.790	+0.145	K88			0.820	
8499.887	$^{12}C^{14}N$	A-X,4-2,29P	0.72	5779.137	−1.790	K	0.693			
8501.544	Si I	47	5.87	47351.554	−1.530	KP	0.706			
8501.799	Ni I	186	3.85	31031.042	−1.974	K88	0.664			
8502.219	Si I	46	5.87	47351.554	−1.260	KP	0.627		0.894	0.862
8502.487	H I	10	12.09	97492.302	−1.587	NSB			0.508	0.638
8502.492	$^{12}C^{14}N$	A-X,4-2,36Q	0.81	6519.723	−1.370	K	0.564			
8502.668	Fe I		1.01	8154.710	−6.444	K88	0.483	0.877		
8503.084	$^{12}C^{14}N$	A-X,2-0,64Q	0.96	7756.720	−1.241	K	0.592			
8503.981	$^{12}C^{14}N$	A-X,3-1,45P	0.73	5893.620	−1.542	K	0.593			
8504.530	$^{12}C^{14}N$	A-X,3-1,52Q	0.89	7157.809	−1.160	K	0.524			
8505.082	$^{12}C^{14}N$	A-X,2-0,57P	0.77	6182.332	−1.606	K	0.641			
8505.150	$^{12}C^{14}N$	A-X,4-2,36Q	0.83	6655.520	−1.370	K	0.573			
8510.937	$^{12}C^{14}N$	A-X,4-2,30P	0.72	5779.352	−1.782	K	0.689			
8511.679	Fe I		2.84	22946.808	−4.599	K88	0.767			
8512.120	$^{12}C^{14}N$	A-X,4-2,30P	0.73	5893.452	−1.774	K	0.694			
8512.940	$^{12}C^{14}N$	A-X,3-1,45P	0.75	6063.177	−1.538	K	0.603			
8514.053	$^{12}C^{14}N$	A-X,4-2,37Q	0.83	6655.785	−1.357	K	0.568			
8514.069	Fe I	60	2.20	17726.981	−2.229	FMW	0.089	0.257	0.657	0.639
8514.599	Si I	18	5.61	45276.188	−1.670	KP	0.652			
8514.617	$^{12}C^{14}N$	A-X,3-1,52Q	0.91	7352.230	−1.160	K	0.536			
8515.110	Fe I	401	3.02	24338.762	−1.923	K88	0.177	0.368	0.783	0.743
8517.082	Fe I		5.11	41178.406	−1.964	K88	0.836			
8517.228	$^{12}C^{14}N$	A-X,4-2,37Q	0.84	6795.178	−1.357	K	0.577			
8517.951	$^{12}C^{14}N$	A-X,2-0,64Q	0.99	7995.091	−1.241	K	0.608			
8517.971	Ti I	182	2.13	17215.440	−1.099	K88	0.481	0.556		
8518.349	Ti I	150	1.88	15156.787	−1.019	K88	0.321	0.429		
8519.115	$^{12}C^{14}N$	A-X,2-0,57P	0.79	6396.299	−1.604	K	0.655			
8520.725	$^{12}C^{14}N$	A-X,3-1,46P	0.75	6063.510	−1.532	K	0.601			
8521.154	$^{12}C^{14}N$	A-X,3-1,53Q	0.91	7352.615	−1.151	K	0.533			
8522.931	$^{12}C^{14}N$	A-X,4-2,31P	0.73	5893.674	−1.765	K	0.690			
8523.457	$^{12}C^{14}N$	A-X,2-0,65Q	0.99	7995.570	−1.235	K	0.606			
8524.732	$^{12}C^{14}N$	A-X,4-2,31P	0.75	6011.403	−1.758	K	0.695			
8525.133	Zr II		2.41	19433.240	−1.000	MULT	0.818			
8525.566	$^{12}C^{14}N$	A-X,2-0,58P	0.79	6396.726	−1.598	K	0.652			
8525.965	$^{12}C^{14}N$	A-X,4-2,38Q	0.84	6795.450	−1.345	K	0.572			
8526.667	Fe I	1270	4.91	39625.800	−0.513	K88	0.366	0.581	0.800	0.759
8527.266	Si I	18	5.62	45293.629	−0.930	KP	0.479	0.803	0.745	0.715
8527.852	Fe I	1270	5.02	40491.274	−2.036	K88	0.828			
8529.658	$^{12}C^{14}N$	A-X,4-2,38Q	0.86	6938.436	−1.345	K	0.582			

λ (Å)	*ion*	*mult*	*EP*		log *gf*	*ref*	T = 4500 °K		T = 7500 °K	
			(eV)	cm^{-1}			(log *g*=1.0)	(log *g*=4.5)	(log *g*=2.0)	(log *g*=4.5)
8530.163	$^{12}C^{14}N$	A-X,3-1,46P	0.77	6236.641	−1.528	K	0.611			
8531.390	Ti I	141	1.73	13981.750	−2.446	K88	0.839	0.869		
8531.703	$^{12}C^{14}N$	A-X,3-1,53Q	0.94	7550.558	−1.151	K	0.545			
8535.294	$^{12}C^{14}N$	A-X,4-2,32P	0.75	6011.632	−1.750	K	0.691			
8536.164	Si I	80	6.18	49850.830	−0.910	KP	0.639		0.868	0.839
8537.680	$^{12}C^{14}N$	A-X,4-2,32P	0.76	6132.985	−1.743	K	0.697			
8537.834	$^{12}C^{14}N$	A-X,3-1,47P	0.77	6236.981	−1.522	K	0.609			
8538.014	Fe I	1266	4.91	39625.800	−2.368	K88	0.857			
8538.173	$^{12}C^{14}N$	A-X,3-1,54Q	0.94	7550.949	−1.143	K	0.542			
8538.175	Fe I		4.28	34547.206	−4.626	K88	0.771			
8538.230	$^{12}C^{14}N$	A-X,4-2,39Q	0.86	6938.714	−1.333	K	0.577			
8538.769	$^{12}C^{14}N$	A-X,2-0,65Q	1.02	8237.391	−1.235	K	0.622			
8539.127	Fe I		4.19	33801.567	−3.027	K88	0.816			
8539.468	Ti I	209	2.24	18061.540	−1.121	K88	0.558	0.623		
8540.060	$^{12}C^{14}N$	A-X,2-0,58P	0.82	6614.207	−1.596	K	0.666			
8542.091	Ca II	2	1.70	13710.880	−0.362	BWL	0.032	0.106	0.182	0.264
8542.444	$^{12}C^{14}N$	A-X,4-2,39Q	0.88	7085.205	−1.333	K	0.586			
8543.151	Si I		5.61	45276.188	−1.140	KP	0.519	0.847	0.814	0.776
8543.734	Cr I	56	4.16	33542.110	−2.543	K88	0.815	0.872		
8544.239	$^{12}C^{14}N$	A-X,2-0,66Q	1.02	8237.877	−1.228	K	0.619			
8545.387	H I	10	12.09	97492.302	−1.496	NSB			0.502	0.627
8546.460	$^{12}C^{14}N$	A-X,2-0,59P	0.82	6614.642	−1.591	K	0.664			
8547.757	$^{12}C^{14}N$	A-X,3-1,47P	0.80	6413.680	−1.518	K	0.619			
8547.999	$^{12}C^{14}N$	A-X,4-2,33P	0.76	6133.221	−1.735	K	0.693			
8548.098	Ti I	150	1.87	15108.121	−1.117	K88	0.348	0.451		
8548.877	Cr I	56	2.71	21847.880	−2.066	K88	0.616	0.714		
8549.154	$^{12}C^{14}N$	A-X,3-1,54Q	0.96	7752.405	−1.143	K	0.554			
8550.353	Si I	88	6.22	50189.389	−1.480	KP	0.816			
8550.566	Ti I	141	1.75	14105.680	−2.504	K88	0.862	0.888		
8550.840	$^{12}C^{14}N$	A-X,4-2,40Q	0.88	7085.571	−1.322	K	0.582			
8550.984	$^{12}C^{14}N$	A-X,4-2,33P	0.78	6258.193	−1.728	K	0.699			
8555.332	$^{12}C^{14}N$	A-X,3-1,48P	0.80	6414.028	−1.512	K	0.616			
8555.505	Cr I	56	2.71	21856.940	−2.826	K88	0.893			
8555.554	$^{12}C^{14}N$	A-X,3-1,55Q	0.96	7752.804	−1.135	K	0.551			
8555.563	$^{12}C^{14}N$	A-X,4-2,40Q	0.90	7235.721	−1.322	K	0.592			
8556.777	Si I	45	5.87	47351.554	−0.730	KP	0.506	0.829	0.743	0.716
8556.805	Si I		6.19	49933.775	−0.740	KP	0.599		0.825	0.795
8559.744	Fe I	1321	5.11	41178.406	−1.459	K88	0.659	0.889		
8560.009	$^{12}C^{14}N$	A-X,2-0,66Q	1.05	8483.135	−1.228	K	0.636			
8561.079	$^{12}C^{14}N$	A-X,4-2,34P	0.78	6258.436	−1.720	K	0.695			
8561.415	$^{12}C^{14}N$	A-X,2-0,59P	0.85	6835.627	−1.589	K	0.679			
8563.827	$^{12}C^{14}N$	A-X,4-2,41Q	0.90	7236.014	−1.310	K	0.587			
8564.612	$^{12}C^{14}N$	A-X,4-2,34P	0.79	6387.021	−1.714	K	0.702			
8565.432	$^{12}C^{14}N$	A-X,2-0,67Q	1.05	8483.629	−1.221	K	0.633			
8565.541	Ti I	141	1.74	14028.470	−2.395	K88	0.825	0.858		
8565.733	$^{12}C^{14}N$	A-X,3-1,48P	0.82	6594.286	−1.509	K	0.628			
8567.016	$^{12}C^{14}N$	A-X,3-1,55Q	0.99	7957.764	−1.135	K	0.564			
8567.735	N I	8	10.68	86137.350	−0.700	NBS			0.854	
8567.759	$^{12}C^{14}N$	A-X,2-0,60P	0.85	6836.069	−1.583	K	0.676			
8567.785	Fe I	1269	4.91	39625.800	−2.135	K88	0.818			
8569.048	$^{12}C^{14}N$	A-X,4-2,41Q	0.92	7389.736	−1.310	K	0.597			
8569.945	Ti I	209	2.23	17995.750	−1.421	K88	0.698	0.745		
8571.802	Fe I	1272	6.46	52067.460	−1.441	K88	0.610	0.866		
8573.219	$^{12}C^{14}N$	A-X,3-1,49P	2.26	18255.668	−1.502	K	0.625			
8573.336	$^{12}C^{14}N$	A-X,3-1,56Q	2.43	19619.038	−1.127	K	0.561			
8574.503	$^{12}C^{14}N$	A-X,4-2,53P	0.79	6387.272	−1.706	K	0.698			
8574.525	Co I		2.70	21780.470	−1.796	FHSW	0.564			
8575.276	Co I		2.79	22475.360	−1.387	FHSW	0.455	0.828		

λ (Å)	*ion*	*mult*	*EP*		log *gf*	*ref*	T = 4500 °K		T = 7500 °K	
			(eV)	cm^{-1}			(log *g*=1.0)	(log *g*=4.5)	(log *g*=2.0)	(log *g*=4.5)
8576.500	Fe I		4.59	37045.960	−1.873	K88	0.571	0.845		
8577.155	$^{12}C^{14}N$	A-X,4-2,42Q	0.92	7390.037	−1.300	K	0.593			
8578.396	Ti I	141	1.73	13981.750	−2.420	K88	0.831	0.863		
8578.599	$^{12}C^{14}N$	A-X,4-2,35P	0.81	6519.466	−1.700	K	0.705			
8579.092	Si I	56	5.98	48264.292	−1.960	KP	0.866			
8581.661	$^{12}C^{14}N$	A-X,2-0,67Q	1.08	8732.315	−1.221	K	0.650			
8582.257	Fe I	401	2.99	24118.814	−1.993	K88	0.181	0.374	0.800	0.760
8582.890	$^{12}C^{14}N$	A-X,4-2,42Q	0.94	7547.326	−1.300	K	0.604			
8583.175	$^{12}C^{14}N$	A-X,2-0,60P	0.88	7060.551	−1.581	K	0.691			
8583.322	Ca I		4.44	35818.713	−0.986	K88	0.881			
8584.093	$^{12}C^{14}N$	A-X,3-1,49P	0.84	6778.452	−1.499	K	0.636			
8584.791	Fe I	1270	5.01	40404.506	−1.259	K88	0.550	0.822		
8585.251	$^{12}C^{14}N$	A-X,3-1,56Q	1.01	8166.627	−1.127	K	0.574			
8586.670	Co I		4.15	33462.830	−0.801	K88	0.880			
8587.942	Fe I		5.07	40871.410	−2.210	K88	0.887			
8588.309	$^{12}C^{14}N$	A-X,4-2,36P	0.81	6519.723	−1.692	K	0.701			
8588.409	Fe I		2.86	23051.742	−4.317	K88	0.654			
8589.472	$^{12}C^{14}N$	A-X,2-0,61P	0.88	7061.000	−1.576	K	0.689			
8590.867	$^{12}C^{14}N$	A-X,4-2,43Q	0.94	7547.633	−1.289	K	0.599			
8591.490	$^{12}C^{14}N$	A-X,3-1,50P	0.84	6778.814	−1.493	K	0.634			
8591.504	$^{12}C^{14}N$	A-X,3-1,57Q	1.01	8167.040	−1.119	K	0.571			
8592.945	Fe I	1267	4.96	39969.844	−0.968	K88	0.457	0.721		0.894
8594.000	N I	8	10.68	86137.350	−0.700	NBS			0.775	
8595.960	Si I	80	6.19	49933.775	−1.040	KP	0.679		0.899	0.873
8597.050	Si I	80	6.19	49933.775	−1.370	KP	0.775			
8597.089	$^{12}C^{14}N$	A-X,4-2,43Q	0.96	7708.482	−1.289	K	0.610			
8598.191	Ti I	236	2.27	18287.560	−1.843	K88	0.869	0.890		
8598.396	H I	9	12.09	97492.302	−1.398	NSB			0.496	0.616
8598.825	Fe I	1153	4.39	35379.206	−1.428	K88	0.393	0.644		0.895
8601.052	Fe I		6.55	52857.790	−1.590	K88	0.712			
8601.079	Ti I	209	2.25	18145.400	−1.620	K88	0.791	0.825		
8602.463	$^{12}C^{14}N$	A-X,4-2,37P	0.83	6655.785	−1.679	K	0.705			
8603.734	$^{12}C^{14}N$	A-X,2-0,68Q	1.11	8984.922	−1.215	K	0.665			
8603.878	$^{12}C^{14}N$	A-X,3-1,57Q	1.04	8378.984	−1.119	K	0.585			
8604.926	$^{12}C^{14}N$	A-X,4-2,44Q	0.96	7708.797	−1.279	K	0.606			
8605.360	$^{12}C^{14}N$	A-X,2-0,61P	0.90	7288.968	−1.574	K	0.703			
8606.012	Si I	55	5.95	48020.074	−2.130	KP	0.895			
8606.386	Ni I	275	5.28	42621.048	−0.362	K88	0.732			
8607.071	Fe I	1272	6.45	52019.670	−1.246	K88	0.546	0.819		
8610.164	$^{12}C^{14}N$	A-X,3-1,51P	0.86	6966.539	−1.484	K	0.643			
8611.615	$^{12}C^{14}N$	A-X,2-0,62P	0.90	7289.425	−1.568	K	0.701			
8611.655	$^{12}C^{14}N$	A-X,4-2,44Q	0.98	7873.199	−1.279	K	0.617			
8611.795	Fe I	339	4.28	34555.600	−1.900	FMW	0.150	0.337	0.727	0.694
8613.935	Fe I	1272	4.99	40231.332	−1.389	K88	0.581	0.847		
8616.276	Fe I	1266	4.91	39625.800	−0.405	K88	0.354	0.558	0.767	0.731
8616.996	$^{12}C^{14}N$	A-X,4-2,38P	0.84	6795.450	−1.666	K	0.709			
8617.090	S I		8.41	67816.351	−0.410	KP			0.792	0.856
8618.144	Fe I		4.96	39969.844	−1.876	K88	0.749			
8618.551	Ti I	209	2.24	18061.540	−1.595	K88	0.777	0.813		
8619.363	$^{12}C^{14}N$	A-X,4-2,45Q	0.98	7873.521	−1.269	K	0.613			
8621.598	Fe I	401	2.95	23783.614	−2.024	K88	0.179	0.372	0.801	0.760
8622.909	$^{12}C^{14}N$	A-X,3-1,58Q	1.07	8594.827	−1.111	K	0.596			
8626.249	$^{12}C^{14}N$	A-X,2-0,69Q	1.15	9240.943	−1.208	K	0.679			
8626.541	S I		8.41	67816.351	−0.540	KP			0.832	0.884
8626.595	$^{12}C^{14}N$	A-X,4-2,45Q	1.00	8041.469	−1.268	K	0.624			
8627.966	$^{12}C^{14}N$	A-X,2-0,62P	0.93	7520.871	−1.566	K	0.715			
8629.235	N I	8	10.69	86220.510	+0.027	NBS			0.681	0.855
8631.904	$^{12}C^{14}N$	A-X,4-2,39P	0.86	6938.714	−1.654	K	0.713			

λ (Å)	*ion*	*mult*	*EP*		log *gf*	*ref*	T = 4500 °K		T = 7500 °K	
			(eV)	cm^{-1}			(log *g*=1.0)	(log *g*=4.5)	(log *g*=2.0)	(log *g*=4.5)
8632.412	Fe I	1050	4.10	33095.937	−1.958	K88	0.418	0.698		
8633.124	S I		8.41	67825.188	−0.060	KP			0.677	0.764
8633.933	Ca I		4.45	35896.889	−0.810	K88	0.840	0.874		
8634.185	$^{12}C^{14}N$	A-X,4-2,46Q	1.00	8041.798	−1.259	K	0.620			
8634.187	$^{12}C^{14}N$	A-X,2-0,63P	0.93	7521.335	−1.561	K	0.713			
8634.712	Fe I		4.22	34017.098	−3.005	K88	0.820			
8636.257	Cr I	56	2.71	21847.880	−2.747	K88	0.874			
8636.995	Ni I	186	3.85	31031.042	−2.145	K88	0.732			
8641.888	$^{12}C^{14}N$	A-X,4-2,46Q	1.02	8213.286	−1.259	K	0.632			
8642.338	$^{12}C^{14}N$	A-X,3-1,59Q	1.09	8814.147	−1.104	K	0.607			
8643.022	Cr I	56	2.71	21856.940	−2.732	K88	0.871			
8643.306	Fe I	1261	6.35	51192.270	−2.310	K88	0.868			
8647.174	$^{12}C^{14}N$	A-X,4-2,40P	0.88	7085.571	−1.642	K	0.718			
8648.465	Si I		6.21	50054.800	−0.300	KP	0.512	0.833	0.688	0.678
8649.195	$^{12}C^{14}N$	A-X,2-0,70Q	1.18	9500.370	−1.202	K	0.694			
8649.360	$^{12}C^{14}N$	A-X,4-2,47Q	1.02	8213.622	−1.249	K	0.628			
8651.012	$^{12}C^{14}N$	A-X,2-0,63P	0.96	7756.248	−1.559	K	0.728			
8652.480	Fe I	1050	4.15	33507.120	−2.301	K88	0.524	0.824		
8654.417	Fe I	623	4.73	38175.350	−3.814	K88	0.685			
8655.173	S I		8.41	67825.188	−0.540	KP			0.832	0.885
8655.878	N I	8	10.69	86220.510	−0.650	NBS			0.846	
8656.671	Fe I	1269	5.02	40491.274	−2.162	K88	0.863			
8657.183	$^{12}C^{14}N$	A-X,2-0,64P	0.96	7756.720	−1.554	K	0.726			
8657.561	$^{12}C^{14}N$	A-X,4-2,47Q	1.04	8388.642	−1.249	K	0.639			
8661.898	Fe I	60	2.22	17927.376	−1.344	K88	0.058	0.182	0.466	0.501
8662.141	Ca II	2	1.69	13659.190	−0.623	BWL	0.034	0.111	0.190	-0.623
8662.173	$^{12}C^{14}N$	A-X,3-1,60Q	1.12	9036.936	−1.096	K	0.619			
8663.716	Fe I	1270	4.99	40231.332	−1.159	K88	0.515	0.789		
8664.914	$^{12}C^{14}N$	A-X,4-2,48Q	1.04	8388.985	−1.240	K	0.636			
8665.022	H I	9	12.09	97492.302	−1.292	NSB			0.491	0.606
8667.363	Fe I	166	2.45	19788.245	−4.245	K88	0.412	0.765		
8667.380	Si I	55	5.96	48102.323	−2.020	KP	0.875			
8668.440	S I		8.41	67842.867	+0.210	KP	0.884		0.602	0.695
8668.911	Fe I		4.19	33801.567	−2.726	K88	0.705			
8670.183	S I	6	7.87	63446.065	−0.880	NBS			0.813	0.871
8670.589	S I	6	7.87	63446.065	−0.530	NBS			0.696	0.781
8670.901	Mn I	49	4.42	35689.980	−0.727	K88	0.779			
8671.281	S I	6	7.87	63446.065	−0.640	NBS			0.734	0.811
8671.852	Fe I	1272	5.02	40491.274	−1.274	K88	0.560	0.830		
8671.884	Fe II		6.14	49506.934	−2.788	K88			0.895	
8672.022	Mn I	49	4.42	35689.980	−0.581	K88	0.725	0.880		
8672.576	$^{12}C^{14}N$	A-X,2-0,71Q	1.21	9763.190	−1.196	K	0.709			
8673.605	$^{12}C^{14}N$	A-X,4-2,48Q	1.06	8567.530	−1.240	K	0.684			
8673.933	Mn I	49	4.42	35689.980	−0.757	K88	0.790			
8674.743	Fe I	339	2.83	22838.318	−1.850	FMW	0.145	0.330	0.706	0.677
8675.374	Ti I	68	1.07	8602.340	−1.669	MFW	0.164	0.337		
8675.794	Fe I		4.99	40231.332	−2.090	K88	0.833			
8678.927	Fe I		2.45	19788.245	−4.608	K88	0.544	0.874		
8678.927	S I	6	7.87	63457.142	−1.000	NBS			0.848	0.896
8679.620	S I	6	7.87	63457.142	−0.410	NBS	0.886		0.658	0.747
8679.638	Fe I	1286	4.97	40052.030	−1.445	K88	0.592	0.853		
8679.952	Fe I		3.02	24338.762	−4.300	K88	0.736			
8680.080	Si I		5.86	47284.061	−1.000	KP	0.564	0.879	0.830	0.793
8680.282	N I	1	10.34	83364.620	+0.236	NBS			0.591	0.761
8680.411	S I	6	7.87	63457.142	−0.210	NBS	0.861		0.601	0.694
8680.630	$^{12}C^{14}N$	A-X,2-0,65P	0.99	7995.570	−1.547	K	0.738			
8680.789	Fe I	999	4.19	33765.304	−2.413	K88	0.578	0.857		
8680.864	$^{12}C^{14}N$	A-X,4-2,49Q	1.06	8567.881	−1.230	K	0.644			

λ (Å)	*ion*	*mult*	*EP*		log *gf*	*ref*	T = 4500 °K		T = 7500 °K	
			(eV)	cm^{-1}			(log *g*=1.0)	(log *g*=4.5)	(log *g*=2.0)	(log *g*=4.5)
8682.430	$^{12}C^{14}N$	A-X,3-1,61Q	1.15	9263.183	−1.089	K	0.631			
8682.988	Ti I	68	1.05	8492.421	−1.941	MFW	0.220	0.381		
8683.403	N I	1	10.33	83317.830	−0.045	NBS			0.640	0.818
8686.149	N I	1	10.33	83284.070	−0.448	NBS			0.731	0.894
8686.352	Si I		6.21	50054.800	−1.200	KP	0.732			
8686.777	Fe I	1269	4.99	40231.332	−2.138	K88	0.846			
8687.508	Cr I		3.38	27223.050	−1.854	K88	0.863			
8688.621	Fe I	60	2.18	17550.175	−1.212	FMW	0.052	0.166	0.449	
8689.701	Fe I	507	3.05	24574.650	−3.838	K88	0.552	0.867		
8689.857	Fe I	1330	5.11	41178.406	−0.984	K88	0.500	0.765		
8682.054	$^{12}C^{14}N$	A-X,4-2,49Q	1.07	8649.942	−1.230	K	0.656			
8690.061	Si I		5.61	45276.188	−1.980	KP	0.750			
8692.326	Ti I	68	1.05	8436.618	−2.295	MFW	0.325	0.464		
8693.931	S I	6	7.87	63475.051	−0.510	NBS	0.899		0.691	0.776
8694.626	S I	6	7.87	63475.051	+0.080	NBS	0.820		0.544	0.631
8696.408	$^{12}C^{14}N$	A-X,2-0,72Q	1.24	10029.394	−1.190	K	0.723			
8698.407	$^{12}C^{14}N$	A-X,2-0,65P	1.02	8237.391	−1.545	K	0.752			
8698.707	Fe I	400	2.99	24118.814	−3.483	K88	0.411	0.736		
8699.446	Fe I	1267	4.96	39969.844	−0.360	K88	0.359	0.562	0.764	0.727
8701.012	Mn I	49	4.43	35725.850	−0.477	K88	0.686	0.857		
8702.489	Ni I	83	2.74	22102.349	−3.604	K88	0.755			
8703.247	N I	1	10.33	83284.070	−0.412	NBS			0.723	0.888
8703.256	Si I		5.62	45293.629	−2.000	KP	0.758			
8703.701	Mn I	49	4.43	35725.850	−0.328	K88	0.627	0.817		
8704.509	$^{12}C^{14}N$	A-X,2-0,66P	1.02	8237.877	−1.540	K	0.750			
8706.878	$^{12}C^{14}N$	A-X,4-2,50Q	1.11	8935.871	−1.221	K	0.665			
8707.962	Cr I		4.39	35398.020	−0.539	K88	0.849	0.893		
8710.174	Mg I		5.93	47841.119	−1.550	KP	0.684	0.878		
8710.392	Fe I	1267	4.91	39625.800	−0.646	K88	0.392	0.618	0.844	0.803
8711.703	N I	1	10.33	83317.830	−0.377	NBS			0.715	0.883
8712.676	Mg I		5.93	47844.414	−1.670	KP	0.725			
8712.689	Mg I		5.93	47844.414	−1.370	KP	0.624	0.837		0.898
8713.187	Fe I	400	2.95	23783.614	−3.182	K88	0.338	0.611		
8713.210	Fe I	1267	4.99	40231.332	−0.904	K88	0.456	0.715	0.883	
8717.816	Mg I		5.93	47851.162	−1.850	KP	0.785			
8717.825	Mg I		5.93	47851.162	−0.930	KP	0.504	0.715	0.803	0.789
8718.837	N I	1	10.34	83364.620	−0.433	NBS			0.730	0.893
8719.611	Ti I	140	1.74	14028.470	−2.584	K88	0.879			
8722.778	$^{12}C^{14}N$	A-X,2-0,66P	1.05	8483.135	−1.538	K	0.765			
8724.103	$^{12}C^{14}N$	A-X,4-2,51Q	1.13	9125.310	−1.212	K	0.674			
8727.126	C I		1.26	10192.630	−8.210	LAMB	0.742			
8728.010	Si I	79	6.18	49850.830	−0.610	KP	0.570	0.883	0.786	0.757
8728.594	Si I	79	6.18	49850.830	−1.720	KP	0.865			
8728.847	$^{12}C^{14}N$	A-X,2-0,67P	1.05	8483.629	−1.533	K	0.763			
8729.148	Fe I	713	3.41	27543.004	−2.954	K88	0.428	0.739		
8734.707	Fe I		1.05	8492.421	−2.384	MFW	0.367	0.498		
8736.006	Mg I		5.95	47957.027	−0.860	KP	0.493	0.701	0.785	0.773
8736.006	Mg I		5.95	47957.027	−1.930	KP	0.815			
8736.019	Mg I		5.95	47957.045	−1.970	KP	0.826			
8736.019	Mg I		5.95	47957.045	−2.170	KP	0.877			
8736.019	Mg I		5.95	47957.045	−0.690	KP	0.459	0.654	0.729	0.723
8736.029	Mg I		5.95	47957.058	−1.020	KP	0.530	0.747	0.833	0.820
8737.262	Mn I	49	4.43	35769.970	−0.600	K88	0.737	0.887		
8740.914	Mn I	49	4.43	35769.970	−0.055	K88	0.533	0.735		
8741.703	$^{12}C^{14}N$	A-X,4-2,52Q	1.16	9318.249	−1.204	K	0.683			
8742.446	Si I	44	5.87	47351.554	−0.630	KP		0.810	0.715	0.693
8747.423	Fe I	401	3.02	24338.762	−3.358	K88	0.393	0.704		
8747.602	$^{12}C^{14}N$	A-X,2-0,67P	1.08	8732.315	−1.531	K	0.777			