Table 4: Abundances in HD 133029 and HD 192913

				HD 133029		HD 192913	
Mult.	$\lambda(\AA)$	log gf	Ref.	W_λ(m$\AA$)	log N/N_T	W_λ(m$\AA$)	log N/N_T
C II				log C/N_T = -3.66$\pm$0.00			-3.16$\pm$0.46
4	3918.98	-0.54	WS	...	...	26	-3.62
6	4267.16	+0.97	WS	41	-3.66	97	-2.71
Mg I				log Mg/N_T = -5.04$\pm$0.26			-5.10$\pm$0.25
3	3829.36	-0.19	WS	26	-4.78	...	...
	3832.30	+0.27	WS	44	-4.95	47	-4.85
	3838.29	+0.49	WS	30	-5.38	30	-5.36
Mg II				log Mg/N_T = -4.33$\pm$0.24			-4.70$\pm$0.31
4	4481.23	+0.97	WM	381	-3.91	231	-4.31
5	3848.24	-1.60	WM	38	-4.34	23	-4.66
	3850.39	-1.88	WM	18	-4.47	9	-4.86
9	4428.00	-1.20	WM	34	-4.28	30	-4.36
	4434.00	-0.90	WM	30	-4.65	11	-5.21
10	4390.58	-0.53	WS	...	...	42	-4.80
Al I				log Al/N_T =			-5.33$\pm$0.14
1	3944.01	-0.64	WS	...	...	41	-5.19
	3961.52	-0.34	WS	...	...	42	-5.47
Si II				log Si/N_T = -3.57$\pm$0.04			-4.06$\pm$0.21
1	3853.66	-1.44	LA	182	-3.55	140	-3.71
	3856.02	-0.49	LA	384	-3.52	204	-4.08
	3862.59	-0.74	LA	289	-3.60	146	-4.33
3	4128.07	+0.38	LA	342	-3.56	209	-4.01
	4130.89	+0.53	LA	378	-3.62	212	-4.15
Si III				log Si/N_T = -3.22$\pm$0.59			
2	4552.62	+0.29	WS	40	-3.01	...	...
	4567.87	+0.07	WS	45	-2.63	...	...
	4574.76	-0.41	WS	23	-4.02	...	...
S II				log S/N_T = -4.67$\pm$0.40			-4.84$\pm$0.31
44	4145.10	+0.44	WS	15	-4.78	18	-4.66
	4153.10	+0.62	WS	16	-4.90	12	-5.14
	4162.70	+0.78	WS	10	-5.36	20	-4.86
45	4028.75	0.00	WS	15	-4.37	...	...
Ca II				log Ca/N_T = -5.33$\pm$0.00			-5.74$\pm$0.00
1	3933.66	+0.13	WM	266	-5.74	332	-5.33
Sc II				log Sc/N_T =			-8.68$\pm$0.39
7	4246.83	+0.32	MF	...	...	18	-9.07
15	4320.74	-0.26	MF	...	...	20	-8.29
Ti II				log Ti/N_T = -6.02$\pm$0.28			-5.60$\pm$0.25
11	3987.61	-2.73	MF	...	...	20	-5.72
	4025.14	-1.98	MF	41	-5.96	...	...
12	3813.39	-2.02	MF	26	-6.16	52	-5.70
	3814.58	-1.72	MF	...	...	69	-5.61
18	4469.12	-2.87	MF	16	-6.13	25	-6.01
19	4395.03	-0.66	MF	94	-6.32	95	-5.83
	4443.80	-0.70	MF	...	...	89	-5.97
	4450.49	-1.45	MF	55	-6.07	62	-5.90

Table 4: continued

Mult.	$\lambda(\AA)$	log gf	Ref.	HD 133029 W_λ(m$\AA$)	HD 133029 log N/N_T	HD 192913 W_λ(m$\AA$)	HD 192913 log N/N_T
Ti II (continued)							
20	4344.28	-2.09	MF	...	...	56	-5.37
	4287.89	-2.02	MF	28	-5.92	50	-5.56
21	4161.52	-2.36	MF	27	-5.58	...	...
	4184.30	-1.86	CW	48	-5.74	...	...
	4190.23	-2.40	CW	...	...	26	-5.66
30	4545.14	-2.78	KX	24	-6.13	...	...
31	4468.49	-0.60	MF	70	-6.70	...	...
	4501.27	-0.75	MF	109	-5.98	105	-5.49
	4444.56	-2.03	MF	46	-5.60	...	...
34	3900.56	-0.45	MF	111	-6.17	103	-5.65
	3913.46	-0.53	MF	90	-6.42	104	-5.55
	3932.01	-1.78	MF	36	-5.96	...	...
	3882.29	-1.71	MF	...	...	69	-5.35
40	4417.72	-1.43	MF	...	...	72	-5.62
	4441.73	-2.41	MF	14	-5.83	...	...
	4464.46	-2.08	MF	26	-5.86	38	-5.71
	4470.86	-2.28	MF	22	-5.75	37	-5.52
41	4300.05	-0.77	MF	110	-5.87	113	-5.23
	4301.93	-1.16	MF	53	-6.34	70	-5.93
	4320.96	-1.87	MF	30	-5.99	36	-5.95
	4330.71	-2.04	MF	...	...	26	-5.98
50	4563.76	-0.96	MF	68	-6.33	100	-5.37
51	4394.06	-1.59	MF	24	-6.36	48	-5.97
	4399.77	-1.27	MF	44	-6.33	64	-5.95
	4418.34	-2.40	MF	17	-5.72	30	-5.45
60	4544.02	-2.40	MF	...	...	28	-5.56
61	4395.85	-2.17	MF	...	...	62	-5.08
	4409.51	-1.84	KX	...	...	64	-5.26
	4411.92	-2.12	KX	...	...	32	-5.47
82	4529.46	-2.03	MF	32	-5.59	58	-5.14
	4571.97	-0.53	MF	...	...	102	-5.58
87	4028.33	-1.00	MF	45	-6.21	70	-5.66
93	4421.95	-1.77	MF	...	...	22	-5.88
	4374.81	-1.29	MF	...	...	61	-5.55
94	4316.81	-1.42	MF	...	...	52	-5.60
	4330.24	-1.51	MF	...	...	48	-5.70
104	4367.65	-1.27	MF	...	...	59	-5.32
	4386.86	-1.26	MF	34	-5.79	71	-5.05
105	4163.64	-0.40	MF	78	-6.00	82	-5.59
	4174.05	-1.25	MF	12	-6.32	...	...
106	4064.35	-1.71	KX	...	...	14	-5.98
115	4411.08	-1.06	MF	...	...	48	-5.50
	4488.32	-0.82	MF	...	...	58	-5.51
-	4158.26	-0.48	KX	...	...	18	-5.55
-	4188.99	-0.58	KX	14	-5.51	20	-5.38

Table 4: continued

Mult.	$\lambda(\AA)$	log gf	Ref.	HD 133029 $W_\lambda(m\AA)$	HD 133029 log N/N_T	HD 192913 $W_\lambda(m\AA)$	HD 192913 log N/N_T
Cr I				log Cr/N_T = -3.84±0.24			-3.60±0.00
1	4254.33	-0.11	MF	...	...	81	-3.60
	4274.80	-0.23	MF	70	-4.16	...	...
	4289.72	-0.36	MF	84	-3.81	...	...
23	3908.76	-1.00	MF	7	-4.14	...	...
33	4530.73	-0.27	MF	16	-3.73	...	...
	4544.60	-0.58	MF	11	-3.60	...	...
35	4126.52	-0.65	MF	9	-3.60	...	...
38	3976.67	+0.40	KX	22	-4.21	...	...
69	3857.62	-0.20	KX	18	-3.61	...	...
139	3804.79	+0.13	MF	23	-3.66	...	...
Cr II				log Cr/N_T = -4.15±0.31			-4.92±0.20
18	4111.01	-1.82	KX	112	-4.62	...	...
	4112.54	-3.02	KX	46	-4.58	22	-5.12
	4172.59	-2.36	KX	85	-4.67	...	...
	4217.06	-2.81	KX	61	-4.58	...	...
19	4051.97	-2.19	KX	102	-4.54	58	-5.14
	4087.63	-3.22	MF	59	-4.18	29	-4.75
	4088.83	-3.30	KX	...	...	25	-4.76
26	4072.56	-2.41	KX	...	...	39	-5.03
	4086.14	-2.42	KX	...	...	44	-4.90
	4179.42	-1.77	KX	118	-4.31	69	-4.91
	4207.35	-2.47	KX	92	-4.07	36	-4.98
	4229.81	-3.32	KX	44	-3.95	...	...
31	4242.36	-1.33	KX	153	-4.08	...	...
	4252.62	-2.02	KX	138	-3.68	...	...
	4261.92	-1.51	KX	134	-4.24	86	-4.69
	4269.28	-2.17	KX	...	...	53	-4.90
	4275.57	-1.71	KX	114	-4.44	61	-5.18
	4284.21	-1.86	KX	124	-4.12	...	...
39	4565.74	-2.11	MF	108	-4.09	56	-4.82
44	4555.02	-1.38	MF	158	-3.90	80	-4.94
	4558.66	-0.66	MF	249	-3.54	126	-4.56
	4588.22	-0.59	MF	208	-3.96	115	-4.82
	4592.09	-1.22	MF	156	-4.11	79	-5.12
	4616.64	-1.29	MF	...	...	79	-5.05
	4618.82	-1.11	MF	138	-4.54	...	...
129	3911.32	-2.06	KX	96	-3.81	41	-4.70
130	3866.01	-2.35	KX	70	-3.96	14	-5.10
	3866.52	-2.07	KX	87	-3.95	36	-4.79
161	4195.42	-2.32	KX	88	-3.53	...	...
162	4145.77	-1.16	KX	128	-3.96	63	-4.90
	4161.08	-2.47	KX	81	-3.48	...	...
	4224.86	-1.73	KX	94	-4.00	47	-4.72
163	4150.99	-1.34	KX	96	-4.37	46	-5.12

Table 4: continued

				HD 133029		HD 192913	
Mult.	$\lambda(\AA)$	log gf	Ref.	$W_\lambda(m\AA)$	log N/N_T	$W_\lambda(m\AA)$	log N/N_T
Cr II (continued)							
165	4081.23	-3.27	KX	18	-3.77	...	...
	4082.30	-1.23	KX	86	-4.65	42	-5.32
166	4017.96	-2.42	KX	58	-3.88	...	...
167	3892.167	-2.17	KX	66	-4.01	23	-4.81
179	4362.93	-1.89	KX	48	-4.41	32	-4.73
180	4222.00	-1.93	KX	64	-4.13	...	...
183	3979.51	-0.73	KX	117	-4.39	62	-5.17
	4022.36	-2.02	KX	83	-3.72	30	-4.62
191	4465.77	-1.18	KX	63	-4.49	40	-4.84
192	4256.16	-1.39	KX	72	-4.13	34	-4.76
	4268.96	-1.57	KX	...	...	12	-5.21
193	4070.90	-0.75	KX	...	...	69	-4.56
194	4003.33	-0.60	KX	104	-4.39	49	-5.21
	4038.01	-0.56	KX	119	-4.13	60	-4.99
-	3778.69	-2.20	KX	70	-4.06	...	...
	3801.19	-1.16	KX	67	-4.53	...	...
	3810.72	-1.95	KX	64	-4.40	...	...
	4306.95	-1.19	KX	96	-4.26	62	-4.64
	4546.62	-1.18	KX	46	-4.13	...	...
	4587.30	-1.55	MF	40	-4.38	20	-4.96
Mn II			log Mn/N_T = -5.06±0.35				-4.76±0.30
-	3844.17	-1.38	KX	30	-4.48	31	-4.47
	4083.66	-4.82	KX	...	...	17	-4.24
	4206.35	-1.57	KX	36	-5.14	...	...
	4244.24	-2.40	KX	20	-4.65	...	...
	4251.78	-1.06	KX	39	-5.21	...	...
	4259.20	-1.59	KX	56	-4.80	58	-4.63
	4281.94	-2.55	KX	...	...	19	-4.61
	4283.77	-2.20	KX	...	...	27	-4.74
	4292.25	-2.23	KX	23	-4.74	39	-4.44
	4326.63	-1.25	KX	27	-5.63	62	-4.88
	4343.98	-1.09	KX	54	-5.34	52	-5.29
	4348.39	-1.50	KX	...	...	47	-4.98
	4356.62	-2.03	KX	14	-5.18	...	...
	4365.22	-1.35	KX	12	-5.38	29	-4.95
	4518.96	-1.33	KX	...	...	23	-5.09
Fe I			log Fe/N_T = -3.32±0.22				-3.26±0.19
4	3824.44	-1.36	MF	39	-3.54	59	-2.99
	3859.91	-0.71	MF	91	-3.38	68	-3.38
	3899.71	-1.53	MF	26	-3.57	31	-3.46
	3920.26	-1.75	MF	...	...	40	-3.02
	3922.91	-1.65	MF	34	-3.32	36	-3.24
	3927.92	-1.59	MF	40	-3.25	38	-3.23

Table 4: continued

				HD 133029		HD 192913	
Mult.	$\lambda(\mathring{A})$	log gf	Ref.	$W_\lambda(m\mathring{A})$	log N/N_T	$W_\lambda(m\mathring{A})$	log N/N_T
Fe I (continued)							
20	3820.43	+0.12	MF	108	-3.42	80	-3.37
	3825.88	-0.04	MF	...	...	72	-3.45
	3840.44	-0.51	MF	52	-3.68	...	...
	3849.97	-0.87	MF	36	-3.56	44	-3.33
	3878.02	-0.91	MF	...	...	43	-3.34
	3917.18	-2.16	MF	...	...	8	-3.10
21	3787.88	-0.86	MF	37	-3.55	52	-3.14
	3795.00	-0.76	MF	...	...	42	-3.48
41	4383.54	+0.20	MF	125	-2.95	78	-3.31
	4404.75	-0.14	MF	97	-3.12	...	...
	4415.12	-0.62	MF	50	-3.34	40	-3.42
42	4202.03	-0.71	MF	...	...	48	-3.19
	4250.79	-0.71	MF	...	...	47	-3.18
	4271.76	-0.16	MF	74	-3.50	62	-3.41
43	4005.25	-0.61	MF	75	-2.97	34	-3.54
	4045.82	+0.28	MF	99	-3.49	82	-3.19
	4063.59	+0.07	MF	100	-3.21	76	-3.14
	4071.74	-0.02	MF	...	...	55	-3.63
	4132.06	-0.65	MF	...	...	34	-3.49
	4143.87	-0.45	MF	43	-3.62	55	-3.24
45	3815.84	+0.30	MF	85	-3.72	...	...
	3841.05	-0.05	MF	52	-3.38	...	...
	3902.95	-0.47	MF	63	-3.28	59	-3.07
68	4528.62	-0.82	MF	36	-3.07	36	-3.02
72	3949.94	-1.20	MF	...	...	17	-3.10
152	4260.47	-0.02	MF	64	-3.32	50	-3.37
	4235.94	-0.34	MF	...	...	42	-3.20
	4210.35	-0.87	MF	26	-3.03	30	-2.91
	4271.16	-0.35	MF	33	-3.44	28	-3.50
	4191.44	-0.73	MF	22	-3.26	23	-3.22
	4299.24	-0.52	MF	...	...	28	-3.43
	4250.12	-0.40	MF	...	...	28	-3.43
175	3873.76	-0.79	MF	28	-3.07	...	...
278	3997.39	-0.39	MF	...	...	18	-3.55
350	4466.55	-0.59	MF	26	-3.15	21	-3.25
	4476.02	-0.73	KX	17	-3.38	18	-3.19
354	4181.75	-0.18	MF	...	...	29	-3.44
	4175.64	-0.67	MF	...	...	28	-2.97
	4156.80	-0.62	MF	...	...	28	-3.02
355	4184.89	-0.86	MF	28	-2.82	21	-2.96
	4154.50	-0.48	KX	40	-2.99	...	...
357	4109.80	-0.91	MF	...	...	19	-2.95
	4134.68	-0.49	MF	24	-3.27	16	-3.48
359	4062.45	-0.78	MF	14	-3.24	13	-3.28
522	4199.10	+0.25	MF	41	-3.60	...	...

Table 4: continued

				HD 133029		HD 192913	
Mult.	$\lambda(\AA)$	log gf	Ref.	W_λ(m$\AA$)	log N/N_T	W_λ(m$\AA$)	log N/N_T
Fe I (continued)							
523	4143.42	-0.47	KX	27	-3.12	...	...
604	3948.78	-0.34	MF	29	-3.09	24	-3.16
607	3806.70	+0.11	MF	...	...	30	-3.45
608	3805.34	+0.37	MF	39	-3.59	38	-3.50
	3821.18	+0.30	MF	36	-3.59	50	-3.17
661	3951.16	-0.38	MF	22	-3.19	...	...
664	3846.80	+0.01	MF	34	-3.34	...	...
693	4238.82	-0.28	MF	...	...	32	-2.99
	4247.43	-0.23	MF	...	...	38	-2.92
801	4118.55	+0.28	MF	...	...	34	-3.40
Fe II				log Fe/N_T = -3.28±0.26			-3.36±0.20
3	3914.48	-4.05	MF	70	-3.48	74	-3.11
	3938.29	-3.89	MF	94	-3.25	76	-3.21
14	3783.35	-3.16	KX	...	...	77	-3.58
	3821.93	-3.82	KX	57	-3.56	65	-3.24
21	4119.53	-4.90	KX	37	-2.70	...	...
22	4124.79	-4.20	MF	48	-3.24	46	-3.27
23	3779.58	-3.74	KX	...	...	56	-3.41
	3896.11	-3.98	KX	42	-3.44	...	...
27	4128.74	-3.77	MF	...	...	56	-3.43
	4273.32	-3.34	MF	100	-3.22	78	-3.34
	4303.17	-2.49	MF	145	-3.20	111	-3.31
	4351.76	-2.10	MF	140	-3.63	120	-3.53
	4385.38	-2.57	MF	126	-3.49	116	-3.11
	4416.82	-2.60	MF	142	-3.18	97	-3.50
28	4087.27	-4.71	MF	...	...	33	-3.03
	4122.64	-3.38	MF	...	...	75	-3.32
	4178.86	-2.48	MF	133	-3.40	97	-3.63
	4296.56	-3.01	MF	106	-3.43	...	...
	4369.40	-3.67	MF	...	...	58	-3.41
29	3824.91	-3.41	MF	64	-3.75	64	-3.55
	3908.54	-4.80	KX	21	-3.05	24	-3.08
	3974.16	-3.51	MF	...	...	60	-3.52
	4002.08	-3.37	KX	79	-3.47	...	...
32	4314.29	-3.49	KX	77	-3.46	70	-3.33
	4413.60	-3.87	MF	60	-3.33	44	-3.59
33	4432.88	-4.73	KX	17	-3.26	...	...
37	4472.92	-3.43	MF	...	...	71	-3.30
	4491.40	-2.70	MF	104	-3.66	86	-3.62
	4515.34	-2.48	MF	...	...	122	-3.02
	4520.22	-2.60	MF	116	-3.63	91	-3.62
	4555.89	-2.29	MF	...	...	116	-3.35
	4582.83	-3.26	MF	105	-3.16	76	-3.51
	4629.34	-2.37	MF	...	...	108	-3.46
	4666.76	-3.33	MF	...	...	64	-3.59

Table 4: continued

Mult.	$\lambda(\AA)$	log gf	Ref.	HD 133029 $W_\lambda(m\AA)$	HD 133029 log N/N_T	HD 192913 $W_\lambda(m\AA)$	HD 192913 log N/N_T
Fe II (continued)							
38	4508.28	-2.21	MF	115	-4.02	130	-3.23
	4522.84	-3.10	MF	...	...	121	-3.55
	4541.52	-3.05	MF	124	-3.02	86	-3.29
	4576.33	-3.04	MF	118	-3.15	82	-3.42
	4583.83	-2.02	MF	193	-3.27	138	-3.34
	4595.68	-4.26	KX	...	...	22	-3.63
	4620.52	-3.28	MF	...	...	63	-3.68
39	4088.76	-4.82	KX	...	...	16	-3.24
	4160.62	-5.04	KX	24	-2.69	...	...
126	4046.81	-4.09	KX	26	-2.79	...	...
	4032.95	-2.83	KX	80	-3.15	72	-3.10
127	3863.96	-2.33	KX	71	-3.79	...	...
	4024.55	-2.48	MF	...	...	82	-3.02
140	4455.846	-4.12	KX	18	-2.91	...	...
141	4147.27	-3.64	KX	26	-3.19	37	-3.12
148	4180.98	-3.76	KX	17	-3.24	...	...
151	4031.44	-3.14	KX	57	-3.12	36	-3.48
152	3863.41	-2.55	KX	62	-3.60	54	-3.29
153	3827.08	-2.64	MF	...	...	73	-2.98
171	4474.19	-3.07	KX	24	-3.28	32	-3.14
	4526.59	-3.38	KX	35	-2.82	...	...
172	4044.01	-2.36	KX	74	-3.20	...	...
	4041.64	-3.11	KX	36	-3.07	...	...
	4051.21	-3.11	KX	18	-3.47	18	-3.67
173	3935.94	-1.86	MF	105	-3.12	...	...
186	4635.33	-1.65	MF	...	...	76	-3.36
	4625.91	-2.20	KX	...	...	40	-3.65
187	4446.24	-2.58	KX	32	-3.49	42	-3.42
188	4111.88	-2.29	KX	40	-3.64	46	-3.60
	4069.88	-2.80	KX	50	-2.85	23	-3.60
189	4061.78	-2.15	KX	57	-3.50	56	-3.49
190	3938.97	-1.85	MF	89	-3.25	...	...
	3996.34	-2.91	KX	29	-3.20	27	-3.29
	4002.54	-1.71	KX	...	...	84	-3.06
191	3975.03	-2.02	KX	...	...	61	-3.37
212	3960.90	-1.41	KX	54	-3.68	50	-3.61
	4057.46	-1.66	KX	69	-3.17	62	-3.17
213	4354.34	-1.74	KX	44	-3.32	41	-3.68
219	4598.49	-1.50	KX	81	-2.87	...	...
220	4318.22	-1.93	KX	25	-3.41	34	-3.16
	4319.68	-1.69	KX	49	-3.21	...	...
	4321.34	-1.76	KX	31	-3.46	40	-3.17
222	4431.64	-1.93	KX	34	-3.19	41	-3.16
-	4449.66	-1.60	KX	60	-3.07	46	-3.23
	3844.79	-0.92	KX	43	-3.53	...	...
	3898.62	-1.66	KX	67	-3.10	...	...

Table 4: continued

				HD 133029		HD 192913	
Mult.	$\lambda(\AA)$	log gf	Ref.	W_λ(m$\AA$)	log N/N_T	W_λ(m$\AA$)	log N/N_T
Fe II (continued)							
-	3903.76	-1.51	KX	46	-3.61	...	...
	3908.07	-1.25	KX	30	-3.41	...	...
	3922.04	-1.07	KX	42	-3.40	35	-3.48
	3924.80	-1.14	KX	49	-2.93	23	-3.46
	3926.69	-2.34	KX	...	...	18	-3.43
	4139.72	-3.72	KX	...	...	20	-3.40
	4202.52	-2.33	KX	31	-3.37	39	-3.19
	4202.86	-2.61	KX	28	-3.15	...	...
	4286.28	-1.61	KX	60	-3.17	...	...
	4319.38	-2.11	KX	49	-2.87	...	...
	4357.58	-2.10	KX	78	-3.14	46	-3.59
	4361.25	-2.08	KX	62	-3.37	...	...
	4451.54	-1.82	KX	80	-3.37	60	-3.49
Fe III				log Fe/N_T = -3.18±0.37			-2.68±0.20
4	4352.58	-2.87	KX	11	-3.66	...	...
	4365.64	-3.40	KX	15	-2.91	...	...
	4419.60	-2.22	KX	61	-2.71	50	-2.85
	4431.02	-2.57	KX	19	-3.55	41	-2.76
118	4122.02	+0.41	KX	6	-3.06	...	...
	4164.73	+0.92	KX	...	...	23	-2.35
	4139.35	+0.52	KX	...	...	10	-2.77
Ni II				log Ni/N_T = -5.70±0.29			-5.26±0.32
9	4244.78	-3.11	KX	...	...	21	-4.90
	4362.10	-2.72	KX	10	-5.56	32	-5.00
10	4192.07	-3.05	KX	8	-5.34	...	...
11	3849.58	-1.88	KX	18	-6.11	47	-5.47
	4067.03	-1.83	KX	34	-5.80	...	...
12	4015.47	-2.42	KX	...	...	18	-5.68
Sr II				log Sr/N_T = -7.01±0.26			-5.03±0.35
1	4077.71	+0.15	WM	141	-6.75	261	-5.14
	4215.52	-0.17	WM	...	...	164	-5.38
3	4161.80	-0.47	WM	...	...	106	-4.45
	4305.44	-0.11	WM	19	-7.26	92	-5.16
Y II				log Y/N_T = -7.79±0.19			-7.59±0.15
5	4309.62	-0.75	HL	27	-7.49	18	-7.78
	4398.02	-1.00	HL	...	...	16	-7.63
6	3950.35	-0.49	HL	21	-7.89	...	...
	3982.59	-0.49	HL	...	...	43	-7.36
7	3774.33	+0.21	HL	50	-8.03	...	...
	3788.70	-0.07	HL	43	-7.87	...	...
	3832.95	-0.34	HL	38	-7.65	...	...
	3818.34	-0.98	HL	...	...	16	-7.59

Table 4: continued

				HD 133029		HD 192913	
Mult.	$\lambda(\AA)$	log gf	Ref.	$W_\lambda(m\AA)$	log N/N_T	$W_\lambda(m\AA)$	log N/N_T
Zr II				log Zr/N_T = -7.70±0.23			-7.22±0.34
7	3842.995	-0.64	GB	...	...	18	-7.75
15	4211.88	-0.98	GB	...	...	22	-7.25
29	4090.510	-1.10	GB	...	...	17	-7.14
30	3991.14	-0.30	GB	34	-7.46	...	...
40	4454.794	-1.60	GB	...	...	16	-6.68
	4496.970	-0.81	GB	...	...	39	-6.91
41	4149.22	-0.03	GB	24	-7.92	40	-7.57
43	4050.330	-1.00	BG	...	...	18	-7.23
Ba II				log Ba/N_T = -8.68±0.00			-8.52±0.00
1	4554.02	+0.16	WM	15	-8.68	21	-8.52
Ce II				log Ce/N_T = -7.14±0.16			-6.86±0.28
-	3808.113	-0.12	MC	12	-7.10	...	...
	3857.025	-0.14	MC	...	...	28	-6.40
	3919.803	-0.10	MC	...	...	11	-7.04
	3942.15	-0.28	MC	...	...	25	-6.83
	3942.75	+0.43	MC	...	...	37	-7.00
	3952.532	+0.33	MC	24	-7.20	...	...
	3980.890	-0.05	MC	...	...	28	-6.50
	3993.819	+0.35	MC	18	-7.08	...	...
	3999.237	+0.23	MC	25	-7.10	26	-7.06
	4003.767	+0.37	MC	25	-6.91	...	...
	4014.897	-0.03	MC	12	-7.09	...	...
	4042.581	-0.08	MC	...	...	18	-6.90
	4068.836	-0.22	MC	...	...	6	-7.23
	4073.474	+0.19	MC	8	-7.53	23	-7.02
	4080.438	-0.76	MC	...	...	16	-6.36
	4083.222	+0.11	MC	12	-7.14	...	...
	4123.490	+0.09	MC	...	...	20	-6.77
	4133.80	+0.39	MC	...	...	26	-7.27
	4137.65	+0.03	MC	28	-6.94	12	-7.45
	4151.97	-0.02	MC	12	-7.30	32	-6.72
	4165.61	+0.10	MC	25	-7.00	...	...
	4193.87	-0.47	MC	...	...	18	-6.75
	4239.91	-0.14	MC	12	-7.02	28	-6.56
	4242.72	-0.72	MC	...	...	10	-6.70
	4248.67	+0.11	MC	14	-7.09	...	...
	4382.16	-0.02	MC	...	...	20	-6.82
	4391.66	-0.11	MC	...	...	13	-7.17
	4407.27	-0.74	MC	...	...	6	-6.73
	4486.91	-0.47	MC	...	...	10	-6.97
	4523.08	-0.30	MC	...	...	20	-6.63
	4560.28	0.00	MC	...	...	10	-7.12
	4562.36	+0.08	MC	10	-7.35	20	-7.04
-	4593.93	-0.11	MC	...	...	30	-6.45

Table 4: continued

Mult.	λ(Å)	log gf	Ref.	HD 133029 W_λ(mÅ)	HD 133029 log N/N_T	HD 192913 W_λ(mÅ)	HD 192913 log N/N_T
Pr II				log Pr/N_T = -6.98±0.27			-6.66±0.11
-	3877.18	-0.04	MC	...	...	22	-6.54
	3994.79	+0.10	MC	6	-7.29	18	-6.81
	4054.86	+0.16	MC	11	-6.98	...	...
	4062.85	+0.57	MC	10	-7.34	...	...
	4141.22	+0.28	MC	...	...	18	-6.74
	4164.16	-0.01	MC	15	-6.68	...	...
	4222.98	+0.13	MC	26	-6.62	28	-6.57
	4225.32	+0.11	MC	14	-6.95	...	...
Nd II				log Nd/N_T = -6.70±0.12			-6.81±0.27
-	3838.98	-0.25	WD	18	-6.56	...	...
	3880.37	-0.34	MC	...	...	10	-6.75
	3912.22	+0.48	MC	...	...	24	-6.62
	4021.33	+0.23	WD	...	...	10	-7.25
	4022.98	-0.20	MC	...	...	23	-6.40
	4040.79	+0.13	WD	25	-6.69	...	...
	4061.08	+0.57	WD	28	-6.92	27	-6.90
	4232.37	-0.30	WD	...	...	9	-6.93
	4358.16	-0.28	WD	12	-6.60	...	...
	4462.98	+0.07	WD	15	-6.73	...	...
Sm II				log Sm/N_T =			-6.34±0.15
-	4155.21	-0.82	MC	...	...	14	-6.42
	4169.47	-0.96	MC	...	...	17	-6.33
	4188.13	-0.58	MC	...	...	14	-6.66
	4220.66	-1.11	MC	...	...	14	-6.13
	4262.67	-0.66	MC	...	...	28	-6.24
	4318.93	-0.61	MC	...	...	21	-6.54
	4329.02	-0.73	MC	...	...	16	-6.64
	4424.34	-0.26	MC	...	...	32	-6.46
	4467.34	-0.30	MC	...	...	34	-6.28
	4478.78	-0.70	MC	...	...	28	-6.06
	4519.63	-0.75	MC	...	...	25	-6.16
	4523.91	-0.99	MC	...	...	20	-6.12
Eu II				log Eu/N_T = -8.44±0.21			-5.29±0.32
-	3819.67	+0.49	BK	20	-8.53	139	-5.32
	3907.10	+0.20	BK	12	-8.39	87	-5.73
	4129.73	+0.20	BK	8	-8.72	118	-5.28
	4205.05	+0.12	BK	22	-8.14	158	-4.84

Table 4: continued

				HD 133029		HD 192913	
Mult.	$\lambda(\AA)$	log gf	Ref.	W_λ(m$\AA$)	log N/N_T	W_λ(m$\AA$)	log N/N_T
Gd II			log Gd/N_T = -7.24±0.34				-7.44±0.40
-	3852.46	-0.14	MC	12	-7.80	...	...
	3894.69	-0.65	MC	27	-6.90	...	...
	3902.40	-0.41	MC	36	-6.62	...	...
	3916.51	+0.10	MC	22	-7.45	10	-7.93
	3994.16	-0.54	MC	18	-6.97	...	...
	3996.31	+0.09	MC	24	-7.13	...	...
	4037.32	-0.09	MC	14	-7.47	10	-7.72
	4049.86	+0.43	MC	18	-7.69	...	...
	4073.75	-0.62	MC	...	...	8	-7.22
	4197.69	-0.04	MC	12	-7.29	...	...
	4253.37	-0.07	MC	11	-7.26	...	...
	4296.06	-0.76	MC	11	-7.02	16	-6.91
Dy II				log Dy/N_T =			-6.56±0.30
-	3868.45	-0.27	MC	...	...	29	-6.46
	3872.10	-0.09	MC	...	...	37	-6.88
	3944.68	+0.03	MC	...	...	61	-6.05
	3983.65	-0.25	MC	...	...	30	-6.67
	3996.69	-0.21	MC	...	...	23	-6.90
	4000.45	+0.01	MC	...	...	52	-6.40
Hg II			log Hg/N_T = -6.57±0.00				-5.12±0.00
-	3983.96	-1.73	DW	45	-6.57	69	-5.12

Note: Sources of gf- values: BG = Biemont et al. (1981); BK = Biemont et al. (1982); DW = Dworetsky (1980); GB = Grevesse et al. (1981) ; HL = Hannaford et al. (1982); KX = Kurucz (1992); LA = Lanz & Artru (1985); MC = Magazzu & Cowley (1986); MF= Martin, Fuhr & Wiese (1988) for Sc through Mn; Fuhr, Martin & Wiese (1988) for Fe through Ni; WD = Ward (1985); WM = Wiese & Martin (1980); WS = Wiese,Smith & Glenon (1966) and Wiese, Smith & Miles(1969).