Table 3. The analysis of the metal lines of 7 Sex

mult.	λ|($\AA$)	log gf	Ref	W(m$\AA$)	log N/N(T)
C I (3 lines)			(log C/N(T) = -3.02 $\pm$ 0.30)		
6	4771.72	-1.70	WS	62	-2.61
12	5052.12	-1.49	WS	32	-3.15
13	4932.00	-1.78	WS	14	-3.30
C II (3 lines)			(log C/N(T) = -2.86 $\pm$ 0.12)		
O I (1 line)				(log O/N(T) = -2.99)	
(Mg I (2 lines)			log Mg/N(T) = -4.04 $\pm$ 0.06)		
11	4702.98	-0.58	WS	41	-4.09
Mg II (4 lines)		(log Mg/N(T) = -4.32 $\pm$ 0.17)			
Al I (2 lines)			(log Al/N(T) = -5.87 $\pm$ 0.30)		
Si II (2 lines)			(log Si/N(T) = -4.45 $\pm$ 0.05)		
S II (3 lines)			(log S/N(T) = -4.04 $\pm$ 0.23)		
9	4815.52	-0.05	WS	17	-3.89
15	4917.21	-0.40	WS	4	-4.36
Ca I (3 lines)			(log Ca/N(T) = -5.10 $\pm$ 0.35)		
Ca II (1 line)				(log Ca/N(T) = -5.29)	
Sc II (4 lines)			(log SC/N(T) = -8.69 $\pm$ 0.20)		
Ti II (40 lines)			(log Ti/N(T) = -6.83 $\pm$ 0.26)		
47	4708.65	-2.22	MF	17	-6.61
92	4779.98	-1.37	MF	23	-6.84
	4805.09	-1.10	MF	42	-6.70
114	4874.01	-0.79	MF	18	-6.93
	4911.18	-0.34	MF	24	-7.21
V II (2 lines)			(log V/N(T) = -7.93 $\pm$ 0.20)		
Cr I (2 lines)			(log Cr/N(T) = -5.84 $\pm$ 0.04)		
Cr II (22 lines)			(log Cr/N(T) = -6.01 $\pm$ 0.31)		
24	4824.12	-1.22	MF	66	-5.87
44	4616.64	-1.29	MF	39	-6.24
	4618.82	-1.11	MF	57	-6.05
	4634.10	-1.24	MF	60	-5.87
30	4836.22	-2.25	MF	16	-5.93
	4848.24	-1.14	MF	34	-6.60
	4876.41	-1.46	MF	58	-5.81
Mn II (5 lines)			(log Mn/N(T) = -5.70 $\pm$ 0.29)		
5	4738.30	-2.24	KX	13	-5.32
	4755.73	-1.24	KX	30	-5.81
-	4764.73	-1.35	KX	38	-5.53
Fe I (51 lines)			(log Fe/N(T) = -4.21 $\pm$ 0.24)		
318	4878.21	-1.01	MF	10	-3.96
	4891.49	-0.14	MF	43	-3.95
	4920.50	0.06	MF	35	-4.32
554	4707.28	-1.08	MF	7	-3.85
	4736.77	-0.74	MF	15	-3.83
687	4966.09	-0.89	MF	9	-3.89
Fe II (67 lines)			(log Fe/N(T) = -4.42 $\pm$ 0.23)		
25	4670.17	-3.97	KX	23	-4.19
36	4993.35	-3.65	MF	36	-4.09
37	4629.34	-2.37	MF	76	-4.55
	4666.75	-3.33	MF	30	-4.53
38	4620.51	-3.28	MF	27	-4.66
42	4923.93	-1.32	MF	113	-4.64
43	4731.44	-3.36	MF	43	-4.19
	5018.45	-1.22	MF	146	-4.03
186	4625.91	-2.22	KX	31	-3.89
	4635.33	-1.65	MF	25	-4.62
218	4913.29	0.01	KX	11	-4.53
-	4638.05	-1.47	KX	14	-4.25
	4640.84	-1.81	KX	8	-4.21
	4908.15	-0.30	KX	4	-4.67

Table 3. The analysis of the metal lines of 7 Sex (cont.)

mult.	λ|($\AA$)	log gf	Ref	W(m$\AA$)	log N/N(T)
Fe II (67 lines)			(log Fe/N(T) = -4.42 $\pm$ 0.23)		
	4948.10	-0.32	KX	19	-3.81
	4951.58	0.18	KX	13	-4.58
	4977.03	0.18	KX	27	-4.06
	5004.20	0.50	KX	20	-4.62
	5021.59	-0.30	KX	18	-3.88
	5030.63	0.40	KX	33	-4.10
	5035.71	0.61	KX	41	-4.13
	5047.64	-0.07	KX	23	-3.92
Ni II (2 lines)			(log Ni/N(T) = -5.69 $\pm$ 0.03)		
Sr II(1 line)				(log Sr/N(T) = -9.17)	
Y II (1 line)				(log Ni/N(T) = -9.45)	
22	4883.68	0.07	HL	7	-9.45
Zr II (1 line)				(log Zr/N(T) = -8.98)	
Ba II (1 line)				(log Ba/N(T) = -9.74)	

Table 4. The analysis of the metal lines of Hr4817

mult.	$\lambda(\AA)$	log gf	Ref	W(m$\AA$)	log N/N(T)
C II (3 lines)			(log C/N(T) = -3.87 ± 0.21)		
O I (3 lines)			(log O/N(T) = -3.06 ± 0.13)		
12	5328.98	-1.24	WF	13	-3.06
	5329.59	-1.06	WF	13	-3.23
	5330.66	-0.88	WF	29	-2.91
Mg I (2 lines)			(log Mg/N(T) = -4.54 ± 0.21)		
2	5172.68	-0.28	WS	11	-4.39
	5183.60	-0.16	WS	8	-4.68
Mg II (1 line)				(log Mg/N(T) = -4.79)	
Si II (1 lines)				(log Si/N(T) = -4.79)	
Si III(1 lines)				(log Si/N(T) = -4.89)	
P II (3 lines)			(log P/N(T) = -6.28 ± 0.30)		
10	5425.88	0.19	WS	3	-6.69
	5253.47	0.33	WS	13	-5.96
15	4602.08	0.74	WS	6	-6.20
S II (8 lines)			(log S/N(T) = -5.09 ± 0.30)		
6	5432.82	0.21	WS	12	-5.11
	5454.38	0.44	WS	11	-5.37
Ca II (1 line)				(log Ca/N(T) = -5.39)	
Sc II (1 line)				(log Sc/N(T) = -7.72)	
Ti II (24 lines)			(log Ti/N(T) = -5.53 ± 0.32)		
17	4762.78	-2.71	MF	19	-4.87
69	5336.78	-1.70	MF	37	-5.10
	5381.01	-2.08	MF	7	-5.84
70	5188.69	-1.21	MF	20	-6.09
	5226.53	-1.30	MF	57	-4.93
86	5185.90	-1.35	MF	26	-5.63
113	5072.28	-0.75	KX	13	-6.10
Cr II (23 lines)			(log Cr/N(T) = -5.43 ± 0.32)		
23	5346.54	-2.95	KX	10	-4.92
	5407.60	-2.09	KX	7	-5.92
43	5232.50	-2.09	KX	11	-5.54
	5237.35	-1.16	MF	40	-5.52
	5274.96	-1.29	KX	27	-5.78
	5308.44	-1.81	MF	19	-5.53
	5334.88	-1.56	KX	14	-5.93
44	4616.64	-1.29	MF	29	-5.76
	4618.82	-1.11	MF	51	-5.28
	4634.10	-1.24	MF	39	-5.50
50	5502.07	-1.99	MF	12	-5.56
	5503.21	-2.31	KX	8	-5.44
Mn I (3 lines)		(log Mn/N(T) = -3.99 ± 0.03)			
Mn II (42 lines)			(log Mn/N(T) = -4.07 ± 0.33)		
-	4717.26	-1.86	KX	29	-4.08
	4727.84	-2.02	KX	56	-3.57
	4730.40	-2.15	KX	48	-3.72
	4742.95	-2.98	KX	23	-3.68
	4749.11	-2.00	KX	14	-4.61
	4764.73	-1.35	KX	79	-3.50
	5102.52	-1.93	KX	47	-3.68
	5107.09	-1.48	KX	37	-3.80
	5123.33	-1.88	KX	32	-4.20
	5294.32	-0.04	KX	41	-3.95
	5295.38	0.66	KX	67	-3.86
	5297.00	0.83	KX	69	-3.98
	5299.30	0.40	KX	55	-3.94
	5307.51	-2.07	KX	10	-4.30
	5331.99	-0.15	KX	18	-3.63
	5421.92	-2.18	KX	19	-4.23

Table 4. The analysis of the metal lines of Hr4817 (cont.)

mult.	$\lambda(\AA)$	log gf	Ref	W(m$\AA$)	log N/N(T)
Mn II (42 lines)			(log Mn/N(T) = -4.07 ± 0.33)		
	5501.07	-1.75	KX	17	-4.57
	5559.05	-1.32	KX	44	-4.24
	5570.51	-1.44	KX	53	-3.81
	5578.15	-1.40	KX	62	-3.54
Fe II (65 lines)			(log Fe/N(T) = -4.90 ± 0.25)		
25	4670.17	-3.97	KX	6	-4.43
37	4629.34	-2.37	MF	28	-5.02
41	5284.10	-3.19	MF	12	-4.71
42	5018.45	-1.22	MF	60	-5.07
43	4656.87	-3.63	MF	9	-4.42
	4731.44	-3.36	MF	10	-4.63
49	5234.62	-2.05	MF	31	-5.03
	5276.00	-1.94	MF	34	-5.08
55	5534.83	-2.93	MF	23	-4.38
166	5544.76	0.12	KX	9	-4.66
186	4625.91	-2.22	KX	2	-5.09
	4635.33	-1.65	MF	14	-4.76
205	5093.58	0.11	KX	11	-4.67
-	4596.02	-1.84	KX	11	-4.58
	5022.79	-0.02	KX	16	-4.34
	5030.63	0.40	KX	31	-4.25
	5035.71	0.61	KX	17	-4.93
	5047.64	-0.07	KX	15	-4.32
	5070.90	0.24	KX	11	-4.82
	5097.27	0.31	KX	13	-4.76
	5106.11	-0.19	KX	10	-4.46
	5150.49	-0.12	KX	6	-4.75
	5216.85	0.81	KX	12	-5.24
	5227.48	0.80	KX	18	-5.00
	5254.93	-3.23	KX	7	-4.80
	5260.26	1.07	KX	21	-5.15
	5291.67	0.58	KX	9	-5.19
	5339.58	0.54	KX	27	-4.38
	5362.87	-2.74	KX	21	-4.67
	5387.06	0.52	KX	8	-5.14
	5395.86	0.36	KX	7	-5.03
	5402.06	0.50	KX	16	-4.72
	5429.99	0.46	KX	7	-5.12
	5482.31	0.43	KX	8	-5.02
	5487.62	0.36	KX	12	-4.74
	5506.20	0.95	MF	15	-5.20
Ga II (2 lines)			(log Ga/N(T) = -5.80 ± 0.07)		
Y II (1 line)				(log Y/N(T) = -7.74)	

Table 5. The analysis of the metal lines of μ Lep

mult.	$\lambda(\AA)$	log gf	Ref	W(m$\AA$)	log N/N(T)
C II (3 lines)					(log C/N(T) = -3.66 $\pm$ 0.21)
Mg I (3 lines)					(log Mg/N(T) = -5.19 $\pm$ 0.14)
2	5183.60	-0.16	WS	5	-5.20
Mg II (5 lines)					(log Mg/N(T) = -4.78 $\pm$ 0.04)
Si II (5 lines)					(log Si/N(T) = -4.31 $\pm$ 0.15)
Si III (2 lines)					(log Si/N(T) = -4.24 $\pm$ 0.25)
P II (9 lines)					(log P/N(T) = -5.33 $\pm$ 0.18)
6	5425.88	+0.19	WS	29	-5.10
10	5253.47	+0.33	WS	27	-5.26
S II (13 lines)					(log S/N(T) = -4.70 $\pm$ 0.25)
6	5428.67	-0.17	WS	5	-5.16
	5432.82	+0.21	WS	24	-4.35
	5454.38	+0.44	WS	17	-4.88
9	4815.52	-0.05	WS	16	-4.64
Ca II (1 line)					(log Ca/N(T) = -5.27)
Sc II (3 lines)					(log Sc/N(T) = -8.45 $\pm$ 0.10)
Ti II (34 lines)					(log Ti/N(T) = -6.43 $\pm$ 0.20)
70	5226.53	-1.30	MF	29	-5.95
86	5185.90	-1.35	MF	12	-6.30
92	4779.98	-1.37	MF	7	-6.47
V II (1 line)					(log V/N(T) = ¡-7.46)
Cr II (31 lines)					(log Cr/N(T) = -5.91 $\pm$ 0.27)
30	4812.34	-1.80	MF	17	-5.87
	4824.12	-1.22	MF	52	-5.37
	4836.22	-2.25	MF	6	-5.92
	4848.24	-1.14	MF	45	-5.69
	4876.41	-1.46	MF	39	-5.52
43	5308.44	-1.81	MF	14	-5.82
	5232.50	-2.09	KX	7	-5.96
	5237.35	-1.16	MF	41	-5.66
	5429.99	0.46	KX	7	-5.12
	5334.88	-1.56	KX	22	-5.80
190	4901.62	-0.83	KX	16	-5.61
Mn I (7 lines)					(log Mn/N(T) = -4.60 $\pm$ 0.32)
Mn II (90 lines)					(log Mn/N(T) = -4.47 $\pm$ 0.30)
-	4689.56	-2.54	KX	14	-4.23
	4717.26	-1.86	KX	11	-4.82
	4727.84	-2.02	KX	42	-4.21
	4730.40	-2.15	KX	23	-4.64
	4738.30	-2.24	KX	45	-3.87
	4742.95	-2.98	KX	16	-4.06
	4749.11	-2.00	KX	17	-4.59
	4755.73	-1.24	KX	59	-4.43
	4764.73	-1.35	KX	41	-4.89
	4791.78	-1.72	KX	29	-4.51
	4806.82	-1.56	KX	40	-4.67
	4811.62	-2.34	KX	13	-4.77
	4830.06	-1.85	KX	20	-4.64
	4839.74	-1.86	KX	17	-4.76
	4842.32	-2.00	KX	17	-4.60
	4920.44	-2.09	KX	20	-4.75
	4921.23	-1.58	KX	29	-4.43
	5251.82	-1.83	KX	5	-4.99
	5299.30	+0.40	KX	53	-4.11
	5307.51	-2.07	KX	8	-4.53
	5501.70	-1.75	KX	10	-4.96
	5559.05	-1.32	KX	58	-3.92
	5578.15	-1.40	KX	53	-4.00

Table 5. The analysis of the metal lines of μ Lep (cont.)

mult.	$\lambda(\AA)$	log gf	Ref	W(m$\AA$)	log N/N(T)
Fe I (10 lines)					(log Fe/N(T) = -4.79 $\pm$ 0.18)
Fe II(107 lines)					(log Fe/N(T) = -4.64 $\pm$ 0.24)
36	4993.35	-3.65	MF	16	-4.23
41	5284.10	-3.19	MF	19	-4.51
42	4923.93	-1.32	MF	84	-4.31
43	4731.44	-3.36	MF	26	-4.16
49	5276.00	-1.94	MF	30	-5.27
	5425.25	-3.36	MF	5	-4.95
218	4913.29	+0.01	KX	13	-4.51
-	4820.83	-0.69	KX	6	-4.22
	4951.58	+0.18	KX	11	-4.77
	4977.03	+0.04	KX	11	-4.64
	4984.48	+0.01	KX	11	-4.60
	4990.51	+0.18	KX	19	-4.41
	5001.96	+0.90	KX	35	-4.63
	5004.20	+0.50	KX	22	-4.67
	5006.80	-0.43	KX	8	-4.32
	5007.74	-0.20	KX	7	-4.61
	5009.02	-0.42	KX	3	-4.76
	5022.79	-0.02	KX	11	-4.58
	5030.63	+0.40	KX	22	-4.53
	5032.71	+0.11	KX	13	-4.55
	5061.72	+0.22	KX	16	-4.59
	5067.89	-0.20	KX	11	-4.58
	5082.23	-0.10	KX	7	-4.71
	5089.21	-0.04	KX	11	-4.52
	5070.90	+0.24	KX	14	-4.67
	5093.58	+0.11	KX	16	-4.42
	5097.27	+0.31	KX	22	-4.39
	5216.85	+0.81	KX	19	-4.95
	5227.48	+0.80	KX	35	-4.39
	5234.62	-2.05	MF	51	-4.51
	5247.95	+0.63	MF	22	-4.62
	5251.23	+0.51	KX	17	-4.69
	5306.18	+0.22	KX	25	-4.10
	5325.55	-2.60	KX	16	-5.06
	5362.87	-2.74	KX	43	-4.08
	5375.85	-0.29	KX	10	-4.24
	5387.06	+0.52	KX	23	-4.49
	5395.86	+0.36	KX	11	-4.78
	5402.06	+0.50	KX	29	-4.22
	5427.83	-1.66	KX	12	-4.50
	5429.99	+0.46	KX	12	-4.82
	5482.31	+0.43	KX	12	-4.79
	5487.62	+0.36	KX	21	-4.34
	5506.20	+0.95	MF	17	-5.12
Fe III(1 line)					(log Fe/N(T) = -4.69
Fe III (1 line)					(log Fe/N(T) = -4.69)
Ni II (1 line)					(log Ni/N(T) = -6.34)
Ga II(2 lines)					(log Ga/N(T) = -4.46 $\pm$ 0.46)
Sr II(3 lines)					(log Sr/N(T) = -7.34 $\pm$ 0.17)
Y II(17 lines)					(log Y/N(T) = -7.14 $\pm$ 0.24)
20	5205.73	-0.34	HL	24	-7.01
22	4823.30	-1.10	HL	10	-6.83
	4883.68	+0.07	HL	48	-6.44
	4854.86	-0.38	HL	12	-7.48
	4900.12	-0.09	HL	29	-7.09
Zr II (1 line)					(log Zr/N(T) = ¡-8.36)
Hg I (2 lines)					(log C/N(T) = -5.75 $\pm$ 0.03)
1	5460.74	+0.45	MW	16	-5.73
Hg II (1 line)					(log Hg/N(T) = -5.67)

Table 6. The analysis of the metal lines of 28Her

mult.	$\lambda(\AA)$	log gf	Ref	W(m$\AA$)	log N/N(T)
C II(3 lines)			(log C/N(T) = -3.93 ± 0.10)		
0 I (2 lines)			log O/N(T) = -3.38 ± 0.48)		
12	5329.59	-1.06	WF	25	-3.04
	5330.66	-0.88	WF	11	-3.71
Mg I (5 lines)			(log Mg/N(T) = -5.52 ± 0.21)		
2	5167.32	-0.38	WS	13	-5.41
	5183.60	-0.16	WS	28	-5.21
Mg II (7 lines)			(log Mg/N(T) = -5.27 ± 0.24)		
Si II (5 lines)			(log Si/N(T) = -4.77 ± 0.23)		
P II 4 lines)			(log P/N(T) = -5.61 ± 0.20)		
6	5425.88	+0.19	WS	7	-5.70
7	5296.07	-0.16	WS	8	-5.33
S II (7 lines)			(log S/N(T) = -4.46 ± 0.31)		
6	5432.82	0.21	WS	19	-3.97
9	4815.52	-0.05	WS	6	-4.79
11	5578.89	-0.69	WS	5	-4.01
	5606.11	0.04	WS	6	-4.53
Ca I (1 line)			(log Ca/N(T) = -6.12)		
Ca II (1 line)			(log Ca/N(T) = -5.52)		
Ti II (64 lines)			(log Ti/N(T) = -6.83 ± 0.32)		
69	5336.78	-1.70	MF	7	-6.99
70	5154.06	-1.92	MF	15	-6.42
	5188.69	-1.21	MF	13	-7.18
	5226.53	-1.30	MF	23	-6.76
86	5185.90	-1.35	MF	14	-6.85
92	4779.98	-1.37	MF	13	-6.77
	4805.09	-1.10	MF	21	-6.77
113	5010.21	-1.34	KX	4	-6.85
	5072.28	-0.75	KX	7	-7.14
114	4874.01	-0.79	MF	9	-6.97
	4911.18	-0.34	MF	15	-7.15
H	5227.86	-2.93	KX	12	-4.95
Cr I (3 lines)			(log Cr/N(T) = -5.91 ± 0.17)		
7	5208.42	+0.16	MF	5	-5.98
Cr II (3 lines)			(log Cr/N(T) = -6.17 ± 0.25)		
23	5249.44	-2.43	KX	11	-5.81
	5407.60	-2.09	KX	6	-6.43
30	4812.34	-1.80	MF	12	-6.36
	4824.12	-1.22	MF	47	-5.82
	4836.22	-2.25	MF	10	-5.98
	4848.24	-1.14	MF	29	-6.43
	4876.41	-1.46	MF	24	-6.26
	4884.61	-2.08	KX	7	-6.30
43	5237.35	-1.16	MF	37	-6.05
	5274.96	-1.29	KX	40	-5.85
	5310.69	-2.28	KX	3	-6.44
	5334.88	-1.56	KX	11	-6.49
50	5502.07	-1.99	MF	7	-6.22
190	4901.62	-0.83	KX	12	-5.93
	4912.46	-0.95	KX	5	-6.26
Mn I (9 lines)			(log Mn/N(T) = -5.63 ± 0.14)		
Mn II (61 lines)			(log Mn/N(T) = -5.49 ± 0.30)		
-	4727.84	-2.02	KX	9	-5.58
	4730.40	-2.15	KX	11	-5.34
	4738.30	-2.24	KX	20	-4.91
	4755.73	-1.24	KX	27	-5.67
	4764.73	-1.35	KX	16	-5.91
	4791.78	-1.72	KX	10	-5.37
	4830.06	-1.85	KX	7	-5.46
	4839.74	-1.86	KX	3	-5.80

Table 6. The analysis of the metal lines of 28Her (cont.)

mult.	$\lambda(\AA)$	log gf	Ref	W(m$\AA$)	log N/N(T)
Mn II (61 lines)			(log Mn/N(T) = -5.49 ± 0.30)		
	4920.44	-2.09	KX	20	-4.97
	4921.23	-1.58	KX	8	-5.41
	5102.52	-1.93	KX	13	-5.13
	5295.38	0.66	KX	17	-5.54
	5297.00	0.83	KX	20	-5.59
	5302.44	1.10	KX	23	-5.76
	5559.05	-1.32	KX	12	-5.65
	5570.51	-1.44	KX	11	-5.57
Fe I (90 lines)			(log Fe/N(T) = -4.38 ± 0.31)		
Fe II (223 lines)			(log Fe/N(T) = -4.36 ± 0.21)		
25	4648.94	-4.39	KX	5	-4.36
	4670.17	-3.97	KX	7	-4.65
36	4993.35	-3.65	MF	20	-4.23
41	5284.10	-3.19	MF	36	-4.15
42	4923.93	-1.32	MF	100	-4.02
	5018.45	-1.22	MF	95	-4.27
43	4731.44	-3.36	MF	26	-4.33
44	4663.70	-4.28	KX	9	-4.07
48	5264.80	-3.19	KX	12	-4.77
167	5127.87	-2.54	KX	8	-4.44
168	4953.98	-2.76	KX	5	-4.44
185	5272.40	-2.03	MF	18	-4.27
205	5093.58	0.11	KX	26	-3.93
218	4913.29	0.01	KX	16	-4.26
225	5303.39	-1.61	KX	4	-4.42
-	4820.83	-0.69	KX	4	-4.36
	4826.68	-0.44	KX	14	-3.92
	4908.15	-0.30	KX	11	-4.20
	4948.10	-0.32	KX	11	-4.18
	4948.79	-0.01	KX	14	-4.33
	4951.58	0.18	KX	13	-4.57
	4958.82	-0.64	KX	6	-4.17
	4969.36	-0.78	KX	7	-3.98
	4977.03	0.04	KX	8	-4.70
	4984.48	0.01	KX	15	-4.27
	4990.51	0.18	KX	15	-4.47
	4991.46	-0.57	KX	12	-3.87
	4999.18	-0.48	KX	7	-4.28
	5001.96	0.90	KX	49	-4.07
	5004.20	0.50	KX	30	-4.24
	5006.80	-0.43	KX	8	-4.23
	5009.02	-0.42	KX	5	-4.53
	5021.59	-0.30	KX	7	-4.47
	5022.79	-0.02	KX	23	-3.96
	5026.81	-0.22	KX	9	-4.36
	5030.63	0.40	KX	32	-4.05
	5035.71	0.61	KX	30	-4.35
	5045.11	-0.13	KX	8	-4.52
	5047.64	-0.07	KX	12	-4.33
	5060.26	-0.52	KX	6	-4.24
	5061.72	0.22	KX	23	-4.18
	5067.89	-0.20	KX	10	-4.30
	5070.90	0.24	KX	23	-4.18
	5074.05	-1.97	KX	7	-4.50
	5075.76	0.28	KX	13	-4.55
	5082.23	-0.10	KX	12	-4.28
	5089.21	-0.04	KX	18	-4.11
	5086.31	-0.48	KX	6	-4.28

Table 6. The analysis of the metal lines of 28Her (cont.)

mult.	λ(Å)	log gf	Ref	W(mÅ)	log N/N(T)
Fe II (223 lines)			(log Fe/N(T) = -4.36 ± 0.21)		
	5089.21	-0.04	KX	18	-4.11
	5086.31	-0.48	KX	6	-4.28
	5097.27	0.31	KX	26	-4.12
	5106.11	-0.19	KX	8	-4.45
	5112.99	-0.50	KX	11	-3.95
	5117.01	-0.13	KX	6	-4.61
	5143.88	0.10	KX	23	-3.98
	5144.36	0.28	KX	11	-4.66
	5145.78	0.03	KX	9	-4.55
	5148.94	-0.40	KX	7	-4.30
	5160.85	-2.64	KX	8	-4.36
	5166.56	-0.03	KX	9	-4.46
	5169.00	-0.87	MF	88	-4.82
	5175.40	-2.27	KX	4	-4.00
	5177.02	-0.18	KX	5	-4.65
	5178.37	-0.59	KX	10	-3.87
	5180.31	0.04	KX	8	-4.64
	5186.87	-0.30	KX	7	-4.33
	5197.56	-2.10	KX	40	-4.94
	5199.12	0.10	KX	20	-4.09
	5203.64	-0.05	KX	10	-4.40
	5213.99	-0.22	KX	9	-4.26
	5215.34	-0.01	KX	9	-4.50
	5216.85	0.81	KX	20	-4.75
	5223.26	-0.41	KX	9	-4.08
	5223.80	-0.59	KX	8	-4.03
	5225.98	-0.40	KX	13	-3.92
	5234.62	-2.05	MF	68	-4.08
	5239.81	-0.46	KX	9	-4.03
	5247.95	0.63	KX	25	-4.38
	5254.93	-3.23	KX	20	-4.43
	5251.23	0.51	KX	26	-4.22
	5257.90	-0.71	KX	7	-3.90
	5260.26	1.07	KX	30	-4.67
	5264.81	-3.19	MF	38	-3.91
	5270.03	0.07	KX	14	-4.26
	5291.67	0.58	KX	27	-4.25
	5306.18	0.22	KX	21	-4.10
	5318.06	-0.14	KX	7	-4.49
	5318.75	-0.57	KX	7	-4.08
	5322.23	-0.52	KX	4	-4.36
	5339.58	0.54	KX	22	-4.41
	5375.85	-0.29	KX	11	-4.04
	5387.06	0.52	KX	23	-4.29
	5395.86	0.36	KX	12	-4.55
	5402.06	0.50	KX	23	-4.26
	5408.81	-2.39	KX	7	-4.45
	5411.36	-0.44	KX	7	-4.06
	5414.05	-3.79	MF	9	-4.34
	5425.25	-3.36	MF	18	-4.37
	5427.83	-1.66	KX	18	-4.23
	5429.99	0.46	KX	19	-4.35
	5442.35	-0.30	KX	8	-4.16
	5443.45	-0.59	KX	4	-4.22
	5444.39	-0.18	KX	10	-4.12
	5445.81	-0.11	KX	8	-4.38
	5450.10	-0.53	KX	7	-4.02
	5455.93	-0.52	KX	9	-3.94

Table 6. The analysis of the metal lines of 28Her (cont.)

mult.	λ(Å)	log gf	Ref	W(mÅ)	log N/N(T)
Fe II (223 lines)			(log Fe/N(T) = -4.36 ± 0.21)		
	5465.93	0.52	KX	15	-4.57
	5466.91	-1.88	KX	20	-3.88
	5475.83	-0.18	KX	8	-4.28
	5479.41	-0.42	KX	6	-4.24
	5482.31	0.43	KX	18	-4.37
	5487.62	0.36	KX	28	-3.90
	5502.67	-0.14	KX	10	-4.22
	5503.21	-0.09	KX	13	-4.13
	5506.20	0.95	MF	26	-4.61
	5510.78	0.00	KX	11	-4.29
	5529.05	-0.25	KX	5	-4.45
	5534.83	-2.93	MF	41	-4.06
	5548.21	-0.51	KX	5	-4.14
	5549.00	-0.23	KX	4	-4.62
	5567.84	-1.89	KX	12	-4.23
	5588.22	0.09	KX	15	-4.14
Fe III (1 line)				(log Fe/N(T) = -4.32)	
Sr II (4 lines)			(log Sr/N(T) = -6.63 ± 0.09)		
Y II (32 lines)			(log Y/N(T) = -6.68 ± 0.25)		
12	4682.32	-1.51	HL	20	-7.11
22	4786.58	-1.29	HL	40	-6.25
20	4982.13	-1.29	HL	28	-6.70
	5119.11	-1.36	HL	34	-6.44
	5200.41	-0.57	HL	41	-6.96
27	5480.73	-0.99	HL	39	-6.20
	5497.41	-0.58	HL	38	-6.63
	5544.61	-1.09	HL	25	-6.63
28	5196.42	-0.88	HL	14	-7.23
Zr II (10 lines)			(log Zr/N(T) = -8.54 ± 0.15)		
Ba II (1 line)				(log Ba/N(T) = -9.82)	
Pt II (8 lines)			(log Pt/N(T) = -7.69 ± 0.76:)		
Hg II (1 line)				(log Hg/N(T) = -7.81)	