

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>HUCHERA</u>		Grating: <u>300</u>			Page: <u>3746</u>	
PI: <u>HUCHERA, WILKES</u>		Date: <u>May 28, 1995</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	BIAS			0	-	
6-20	FLAT			0	6	
21-25	BIAS			0		
26-29	DARK			0	900	
30-34	BIAS			0	-	
35	DARK			0	900	After Fil.
36	comp			↓		Focus 1120
37-41	SKY			0	25	sky for template
42	comp			↑		
43	comp			↓		
44	AG42 p43	09 <sup>h</sup> 49 <sup>m</sup> 20	+43 <sup>o</sup> 42 <sup>'</sup> 07	0	55	Temp defocused
45	AG42 p43			0	55	"
46	AG42 p43			0	55	focused
47	AG42 p43			0	105	defocused
48	AG42 p43			0	105	
49	comp			↓		
50	Fuze 34	10 36 41.1	+43 21 50	0	605	STD
51	comp			↓		
52	N4151	12 03 09	+39 41 02	0	605	AGN
53	comp			↓		
54	N4486 B	12 28 00	+42 45 59	0	300	Template
55	comp			↓		
56	N3115	10 02 44	-07 <sup>o</sup> 28 <sup>'</sup> 30	0	180	Template
57	comp			↓		
58	10011 p 0355	10 03 41.8	+03 40 31	1	480	H2
59	comp			↓		
60	10017 p 0355	10 04 17.8	+03 40 31	1	360	H2
61	10017 p 0355			1	300	
62	comp			↓		
63	10014 p 0239	10 03 57.1	+02 24 31	1	240	

60 inch Telescope Log				Spectrograph: <u>PAST</u>		Page: <u>3747</u>	
Observer: <u>Hucera</u>				Grating: <u>300</u>			
PI: <u>Hucera</u>				Date: <u>5/28/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
64	Comp			↓			
65	10020 p0503	10 04 36.5	+04 48 30	1	180		
66	Comp			↓			
67	10026 p0547	10 05 12.9	+05 24 30	1	180		
68	Comp			↓			
69	10027 p0244	10 05 17.2	+02 29 30	1	240		
70	Comp			↓			
71	10030 p0317	10 05 35.5	+03 02 30	1	360		
72	Comp			↓			
73	10056 p0242	10 08 10.44	+02 23 20	1	150	] add	
74	10056 p0242			1	240	] extended?	
75	Comp			↓			
76	1149 p0318	11 14 54	+03 18 00	1			
77	Comp.			↓			
78	11157 p0408 W	11 15 42	+04 08 00	1	300	W comp. 4+	
79	11157 p0408 E			1	480	E comp. emission!	
80	Comp			↓			
81	11171 p0752	11 17 06	+07 52	1	180		
82	Comp			↓			
83	11181 p0754	11 18 06	+07 34 00	1	480		
84	Comp			↓			
85	11 190 p0454	11 19 00	+04 54 00	1	360	Both comp. on 5.7	
86	Comp			↓		Extract separately if possible	
87	11 195 p0740	11 19 30	+03 40	1	360	E to higher of 5.	
88	Comp			↓			
89	13145 +0637	13 14 30.3	+06 37 13	1	200s		
90	Comp			↓			
91	13171 p0317	13 17 04.3	+03 17 41	1	200s		
92	Comp			↓			
93	N5071	13 16 06.6	+03 11 54	1	180s		

60 inch Telescope Log				Spectrograph: <u>F457</u>		Page: <u>3748</u>
Observer: <u>Husman/</u>				Grating: <u>300</u>		
PI: <u>Husman/Golan/Richter/Falco/Wilky</u>				Date: <u>5/28/95</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
94	Comp			↓		
95	13161 p0816	13 <sup>h</sup> 16 <sup>m</sup> 00	+08 16 00	S	300s	
96	Comp			↓		5007 ~ 5100 Å
97	13167 p0411	13 16 42	+04 11 00	S	600s	Strong emission OIII, H $\beta$ .
98	Comp			↓		
99	13200 p0734	13 30 01	+07 23 02	I	200s	
100	Comp			↓		
101	13281 p0748	13 28 13	+07 47 15	I	240s	
102	Comp			↓		
103	13278 p0745	13 27 48	+07 45	S	480	Main jet + H $\beta$ region on slit. Out to higher #s
104	Comp			↓		
105	H $\beta$ 89 - 1306 p293	13 08 42.7	+29 02 05	31	900s	2nd object on slit
106	H $\beta$ 89 - 1306 p293			31	900s	Arc on slit
107	H $\beta$ 89 - 1306 p293			31	900s	
108	H $\beta$ 89 - 1306 p293			31	600s	
109	H $\beta$ 89 B			31		Object B
110	Comp			↓		
111	SN 1994 Y	13 <sup>h</sup> 53 30	+40 42 32	2	1800s	
112	SN 1994 Y			2	1800	
113	SN 1994 Y			2	1800s	
114	Comp			↓		
115	RX1729 p0720 A	17 <sup>h</sup> 29 34	+07 20 50	I	200	object A
116	RX1729 p0720 B			I	180	object B
117	RX1729 p0720 A			I	600	object A again
118	RX1729 p0720 D			I	240	object D
119	Comp			↓		
120	RX1935 p6734 A	19 35 22	+07 34 14	I	600	
121	Comp			↓		
122	3C 390.3			6	300s	
123	Comp			↓		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3749</u>	
Observer: <u>HUCHA</u>			Grating: <u>300R</u>			
PI: <u>HUCHA</u>			Date: <u>5/28/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
124	PG1708 p602	17 <sup>h</sup> 08 35	60 15 52	0	120	SED
125	comp			↓		
126	Rx1831 p6453 AB	18 <sup>h</sup> 31 21	164 53 53	1	300	A lower #s B higher
127	Rx1831 p6453 C			1	120	C
128	Rx1831 p6453 A			1	60	A
129	comp			↓		
130	H0 198 858	20 49 50	47 31 07	0	45	Template darkened
131	H0 198 858			0		
132	H0 198 858			0		
133	H0 198 858			0		
134	BD+284211	21 <sup>h</sup> 48 57	+28 37 48	0	105	
135	comp			↑		
136	comp			↓		
137-39	sky			0	105	
140	comp			↑		
141-150	BIAS			0	-	
151-160	FLAT			0	65	
161-168	DARK			0	9003	
4						