

Fax to Susan Tokarz pg 1 of 4

60 inch Telescope Log	Spectrograph: <u>FAST</u>	Page: <u>62/2</u>
Observer: <u>P. Berlin</u>	Grating: <u>300L; 3" slit</u>	
PI: <u>Geller</u>	Date: <u>4/28/98</u>	

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-9	DARK				15m	
10-19	BIAS				0s	
20-29	FLAT				6s	clouds to E.
30-39	BIAS				0s	
40-49	FLAT				12s	
50-54	SKY			57	2s	7-15
55	COMP			↑		
56-94	shoutell-twilight					UofA Tour group
95	α1367.3780	11:44	+15:46	64	10m	5m
96	COMP			↑		
97	51.2122	11:25	+18:35	64	3m	
98	COMP			↑		
99	51.2223	11:21	+17:30	64	9m	wk NOT GOOD ENOUGH X
100	COMP			↑		
101	51.2282	11:24	+17:44	64	9m	
102	COMP			↑		
103	51.2380	11:25	+16:44	64	6m	
104	COMP			↑		
105	51.2314	11:25	+16:44	64	4m	? NOT ENOUGH
106	COMP			↑		
107	51.2445	11:32	+15:40	64	5m	
108	COMP			↑		
109	89.3835	12.04	20.11	64	10m	
110	COMP			↑		
111	51.2475	11.28	15.15	64	15m	
112	COMP			↑		
113	89.3837	12.04	20.12	64	4m	
114	COMP					

60 inch Telescope Log
 Observer: PS/MC
 PI: Geller & Kirshner

Spectrograph: FAST
 Grating: 200 L / 3" slit
 Date: 4/28/98

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
115	89.3840	12 04	20 13	64	4m	
116	comp			↑		
117	89.3846	12 09	20 09	64	5m	
118	comp			↑		
119	89.3898	12 05	19 44	64	8m	
120	comp			↑		
121	89.4021	12 06	19 13	64	10m	
122	comp			↑		
123	sn1998bn	12 29	-23 10	#2	10m	binby 2
124	comp			↑		
125	sn1998ag	11 56	+55 07	#2	10m	
126	comp			↑		
127	sn1998ab	12 48	41 55	#2	15m	
128	comp			↑		
129	H2 44	13 22	36 07	#2	2m	
130	H2 44	13 23	36 07	#2	2m	
131	comp			↑		
132	2M121400.7	12 14	13 27	#68	15m	binby 4
133	comp			↑		
134	2M121352.5	12 13	13 04	#68	20m	
135	comp			↑		
136	2M121357.2	12 14	14 43	#68	20m	
137	comp			↑		
138	N5348	14 17	25 07	#6	3m	
139	comp			↑		
140	MRK 279	12 53	69 18	#6	3m	
141	comp			↑		
142	ngc247.081	13 30	11 30	#59	4m	
143	comp			↑		
144	ngc247.082	13 30	12 31	#59	5m	

60 inch Telescope Log

Observer: PB/mc

PI: Andi

Spectrograph: FAST

Grating: 300L/3" 11.7

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
145	comp			↑		
146	nrqb 247.84	13 30	11 11	59	3m	
147	comp			↑		
148	nrqb 247.083	13 30	11 35	59	7m	
149	comp			↑		
150	nrqb 247.085	13 30	10 56	59	4m	
151	comp			↑		
152	nrqb 247.088	13 31	11 22	59	4m	
153	comp			↑		
154	nrqb 247.089	13 31	12 33	59	7m	
155	comp			↑		
156	nrqb 247.090	13 31	11 25	59	8m	spectrum shape slightly odd
157	comp			↑		
158	nrqb 247.091	13 31	10 43	59	10m	
159	comp			↑		
160	nrqb 247.092	13 31	11 02	59	5m	
161	comp			↑		
162	nrqb 247.093	13 31	11 15	59	4m	
163	comp			↑		
164	nrqb 247.094	13 32	11 41	59	8m	
165	comp			↑		
166	nrqb 247.097	13 32	11 06	59	3m	
167	comp			↑		
168	nrqb 247.099	13 32	10 55	59	5m	
169	comp			↑		
170	nrqb 247.100	13 32	11 25	59	10m	
171	comp			↑		
172	nrqb 247.101	13 33	11 06	59	7m	
173	comp			↑		
174	nrqb 247.102	13 33	11 27	59	15m	



60 inch Telescope Log

Observer: PB/mc

PI: Andi

Spectrograph: FAST

Grating: 300L/3" slit

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
175	comp			↑		
176	ngc317.135	14 48	14 07	59	15m	
177	comp			↑		
178	ngc317.137	14 48	13 09	59	12m	
179	comp			↑		
180	ngc317.140	14 48	12 30	59	10m	
181	comp			↑		
182	ngc317.141	14 48	13 57	59	10m	
183	comp			↑		clouds to N @ dawn
184	ngc317.143	14 49	13 28	59	6m	
185	comp			↑		
186	sn1998V	18 22	15 42	"2	20m	binby 2
187	comp			↑		
188	PG1708p602	17 09	60 09	#56	2m	binby 4
189	comp			↑		
190-199	Bias				0s	binby 4
200-209	Flat				6s	
210-219	bias				0.2s	binby 2
220-229	Flat				12s	
230-239	Darks				15m	