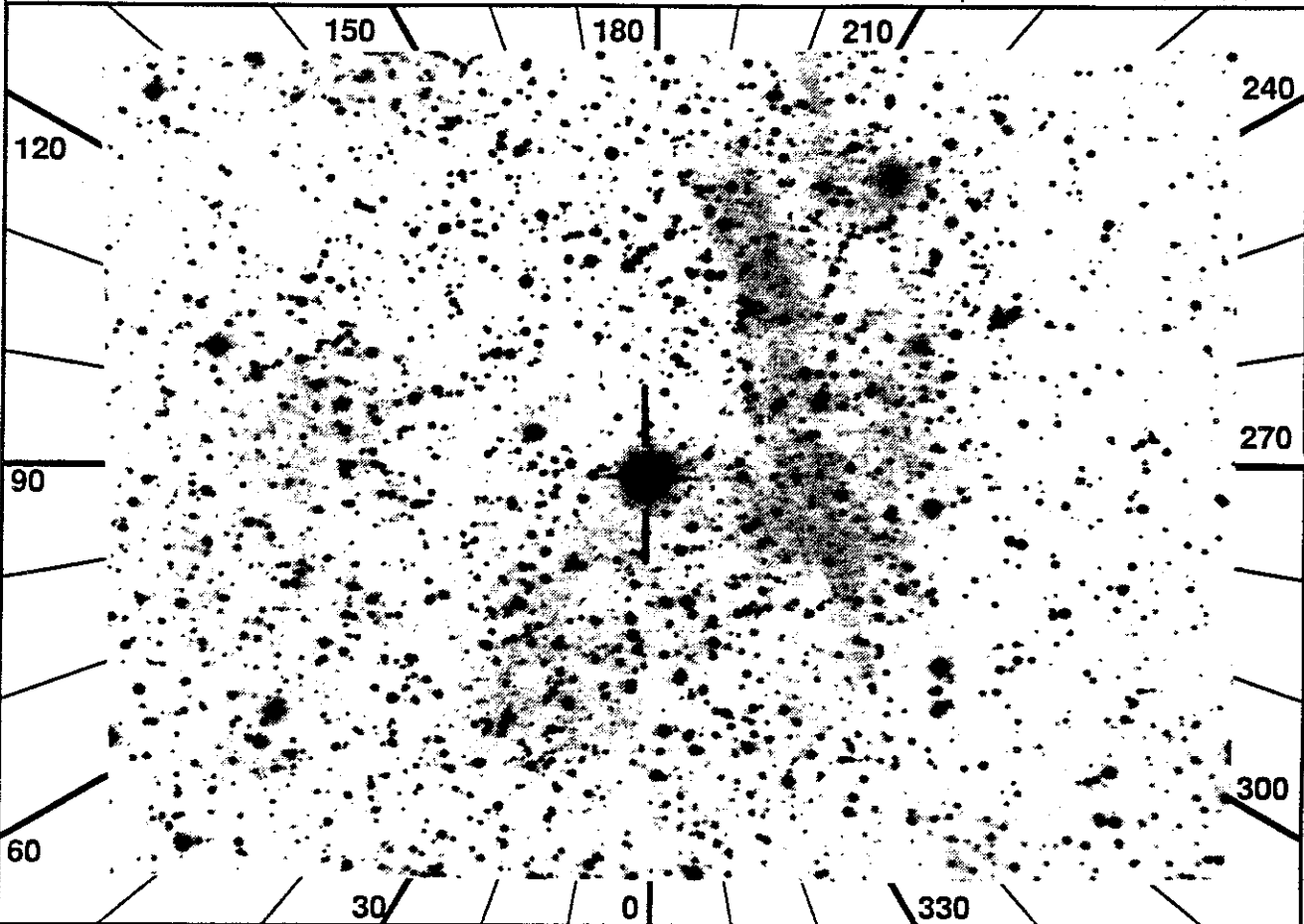


1 RA 304.6947 DEC 43.6953 ROLL 340.40
 2 TIME 1400

ID 2313-10
 NAME HD193793

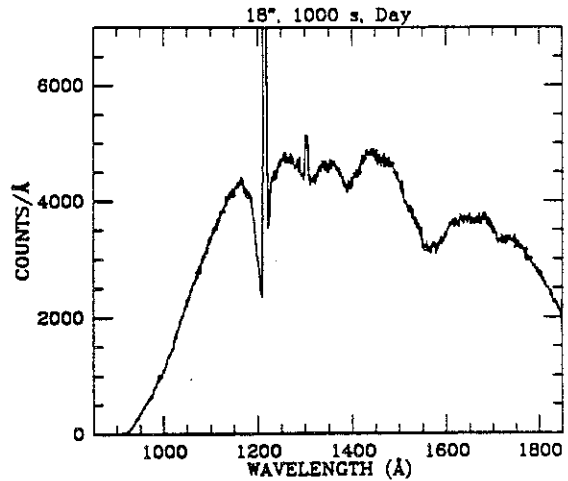


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	249	src	sim	8	8	4.5	3	7	1	---	---	---	---	C LR5	DOOR4
4	S	W 137	aut	aut	7	7	4.6		8	6	---	---	---	---	SAA2	
5	U	101	DT	-	T	F	31	a1	31	b1	-	-	-	-		

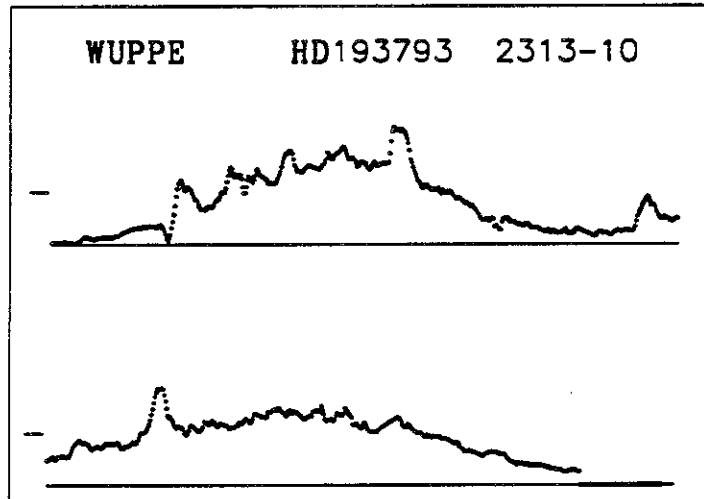
6	JAC	ITEM 16 0	24	W	JAC	UIT	QUIT
7		Config H W U	25				-----
8		-----	26	W		NOTE: SAA OBS-NO IPS HLD	
9	JAC	All SETUP	27	W	WOB	ITEM 8 (Pause)	
10		Chk Stat -LOC -LOC RDY	28	W		ITEM 2 (Setup)	
11		IMC BEGIN	29	W		Chk WUP Stat -LOC	
12		HUT ITEM 5	30	W		ITEM 7 t (t=SAA out)	
13		All BEGIN	31	W	JOB	Observe	
14	H	JOB *IF HUT LOG R < 4.4	32	W	WOB	Wait for time rem obj=0	
15	H	HOP * ITEM 42_5 (door 5)	33	W		ITEM 8	
16		JOB Observe	34	W		ITEM 2	
17	H	HOP 400 sec after BEGIN,	35	W		Chk WUP Stat -LOC	
18	H	ITEM 42 2 (50 cm2 door)	36	W		ITEM 7 t (t=till manvr)	
19	H	HDC (just prior to QUIT)	37	W	JOB	Observe	
20	H	ITEM 61 0 (ND6 filt)	38	W	JAC	All PREVIEW	
21	H	Check 61 0 0	39	W	WOB	Wait for time rem obj=0	
22	H	JAC ITEM 16 I	40	W	JAC	All QUIT	
23	W	JOB Wait for time avail=0					

don cal
 2

OBJECT: 2313, HD193793
KEYWORDS: Wolf Rayet Star
COMMENTS:
Observe with one door closed.
Look for em. lines and/or
P-Cygni stellar wind features.



ID: 2313-10
Names: HD193793 WR140
Type: WC7+a
% Pol: 1.2
Pol Var: small
Pos Ang: 35
Mechanism: e scat,
interstellar?
Comments: p=7.9 yr?!, from
IR events. PBO spectropol
at apastron showed small
line features. Brightest
early-type stellar x-ray
source.



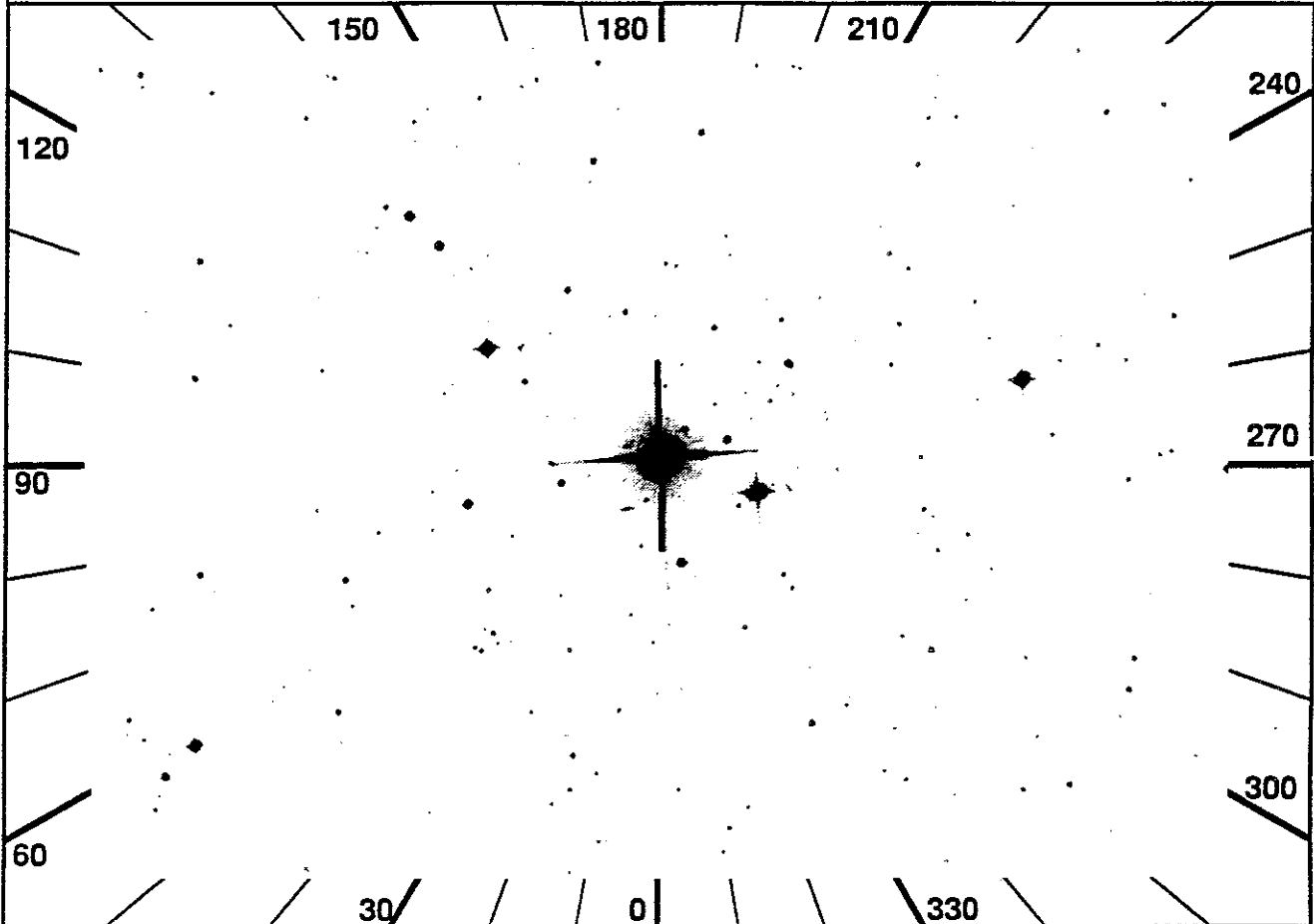
UIT
Observation Description

1 RA 38.9387 DEC -52.7589 ROLL 151.75

ID 2402-11

2 TIME 1391

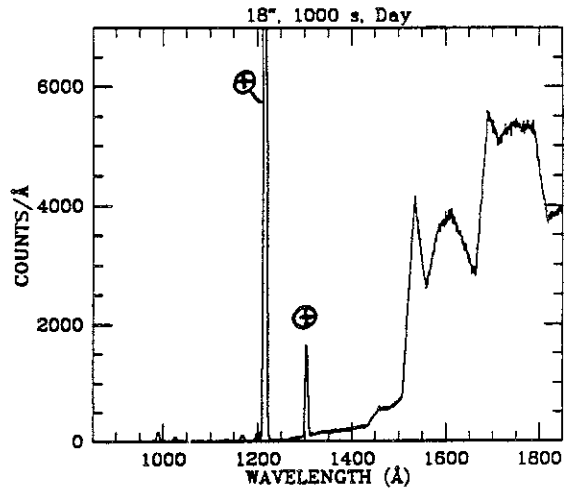
NAME ETA-HOR



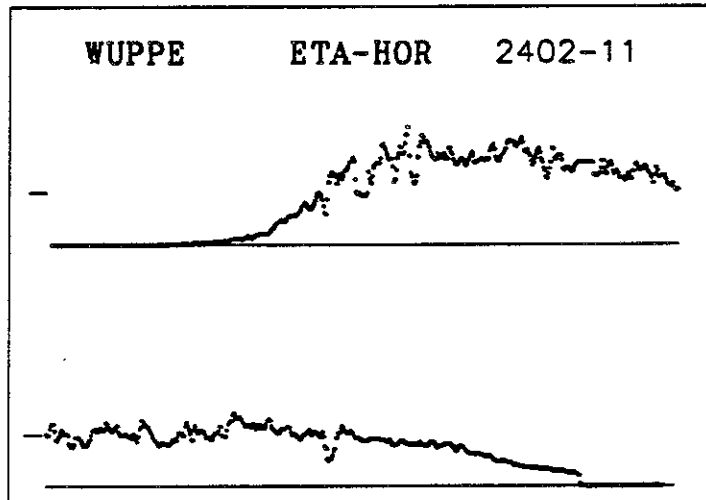
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H 170	src sim	6	6	4.2	5	7	1	---	7	2	---	---	---	PHDMON	
4	P W 138	aut aut	5	6	4.9		8	6	---	---	---	---	---			
5	U 246	DT -		T F	31 a5	31 b5										
6	JAC	ITEM 16 0					14			JOB	Observe					
7		Config H W U					15	H		HUT	will dither to ss					
8		-----					16	H		mode	for part of obs.					
9	JAC	All SETUP					17		JAC	All	PREVIEW					
10		Chk Stat -LOC -LOC RDY					18			All	QUIT					
11		IMC BEGIN					19			-----						
12		HUT ITEM 5					20		JAC	ITEM	16_1					
13		All BEGIN														

3

OBJECT: 2402 ETA-HOR
 KEYWORDS: Rapid Rotator Star
 COMMENTS:
 Observe with one door closed.
 Look for em. lines and/or
 P-Cygni stellar wind features.



ID: 2402-11
 Names: ETA-HOR HD16555
 Type: A6V
 % Pol: 0.02
 Pol Var:
 Pos Ang: 45.1
 Mechanism: scattering, non-
 spherically symmetric
 geometry
 Comments: oblateness due to
 rapid rotation coupled with
 radiative transfer effects at
 wavelengths shortward of the
 Planck maximum should lead to
 enhanced pol. and potentially
 "edge" like features in the
 polarization spectrum.
 IUE data used for simulated
 spectrum is that of 18 UMa.



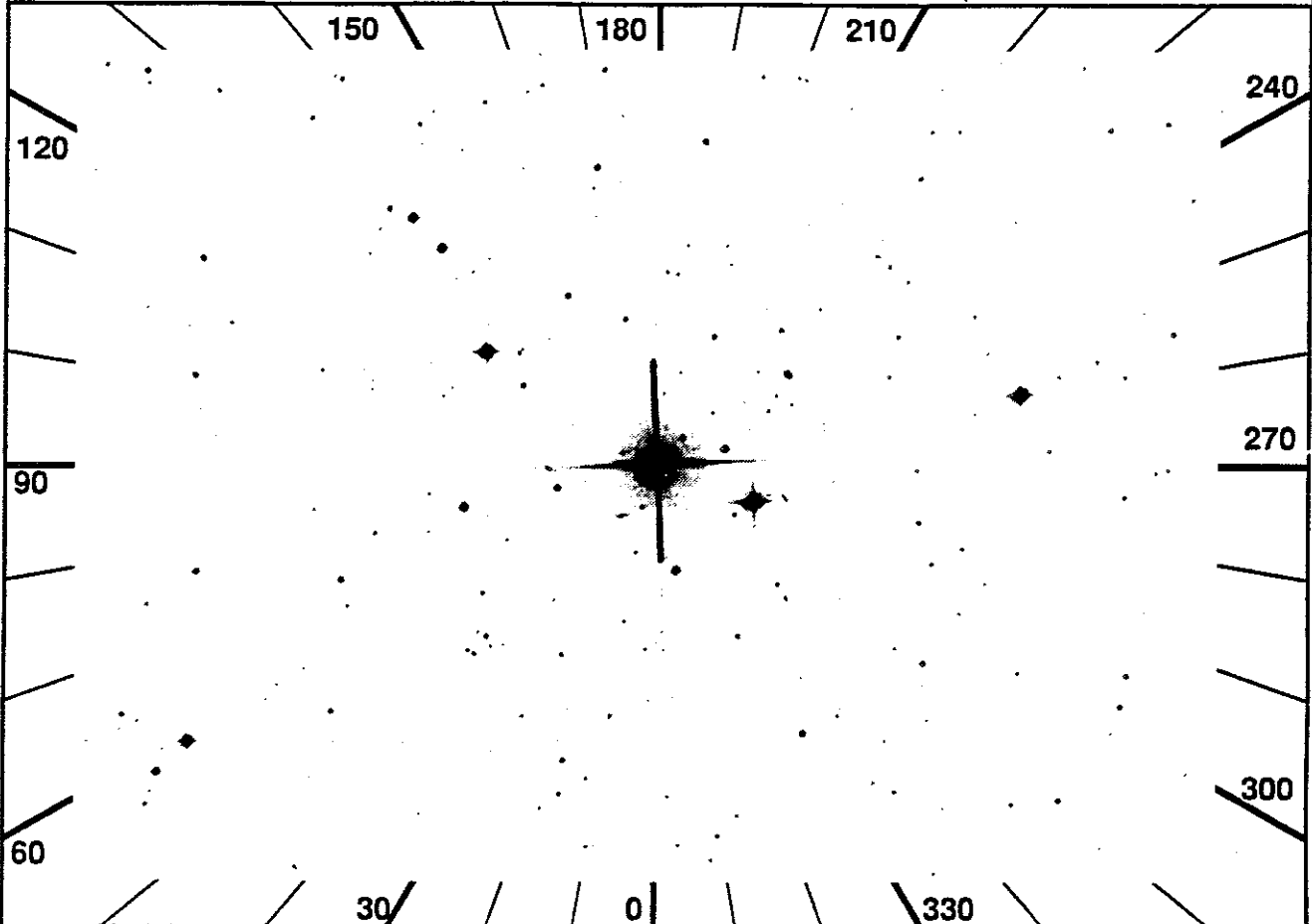
UIT
 Observation Description

1 RA 38.9387 DEC -52.7589 ROLL 151.75

ID 2402-12

2 TIME 1230

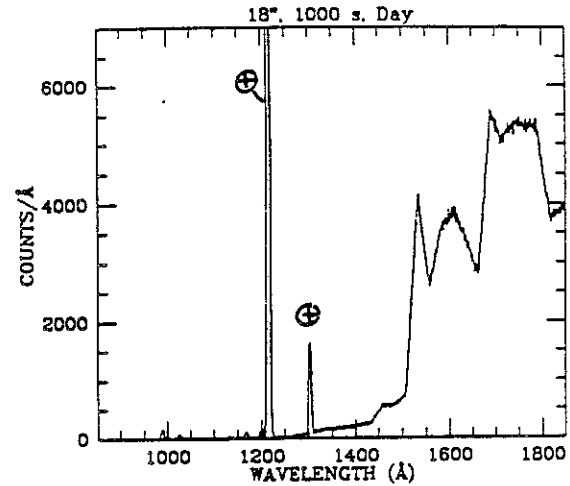
NAME ETA-HOR



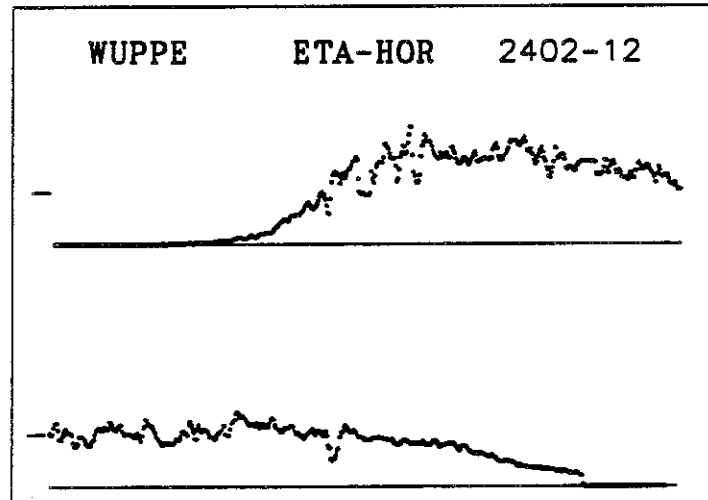
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	235	src	sim	6	6	4.2	5	7	1	---	7	2	---	---	PHDMON
4	P	W	138	aut	aut	5	6	4.9	8	6	---	---	---	---	---	---
5	U	247	DT	-	T	F	31	a2	31	a4	-	-	-	-	-	-
6	JAC	ITEM 16 0						14	JOB	Observe						
7		Config H W U						15	H	HUT will dither to ss						
8		-----						16	H	mode for part of obs.						
9	JAC	All SETUP						17	JAC	All PREVIEW						
10		Chk Stat -LOC -LOC RDY						18		All QUIT						
11		IMC BEGIN						19		-----						
12		HUT ITEM 5						20	JAC	ITEM 16_1						
13		All BEGIN														

3

OBJECT: 2402 ETA-HOR
 KEYWORDS: Rapid Rotator Star
 COMMENTS:
 Observe with one door closed.
 Look for em. lines and/or
 P-Cygni stellar wind features.



ID: 2402-12
 Names: ETA-HOR HD16555
 Type: A6V
 % Pol: 0.02
 Pol Var:
 Pos Ang: 45.1
 Mechanism: scattering, non-
 spherically symmetric
 geometry
 Comments: oblateness due to
 rapid rotation coupled with
 radiative transfer effects at
 wavelengths shortward of the
 Planck maximum should lead to
 enhanced pol. and potentially
 "edge" like features in the
 polarization spectrum.
 IUE data used for simulated
 spectrum is that of 18 UMa.



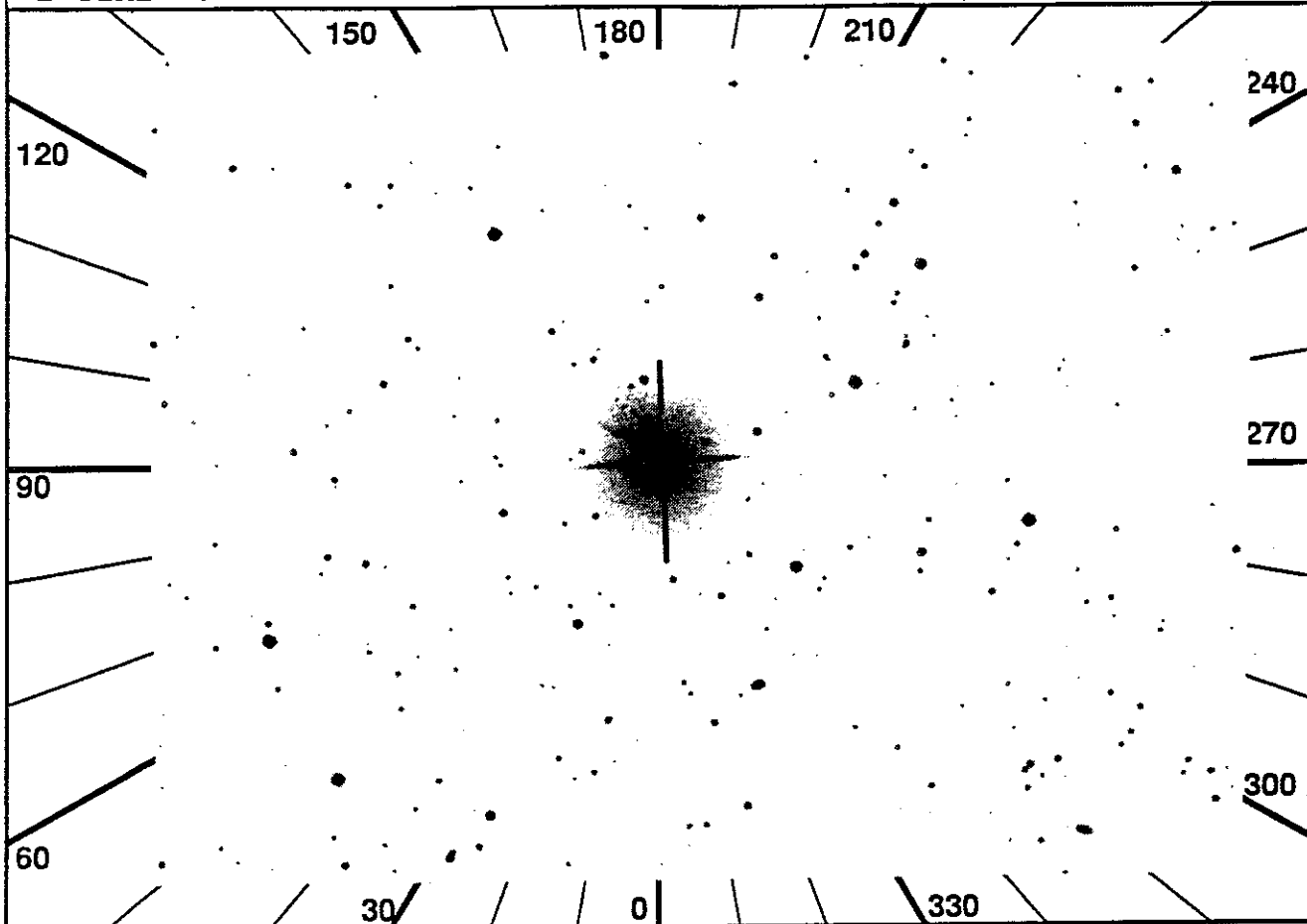
UIT
 Observation Description

1 RA 115.0723 DEC 50.5541 ROLL 265.25

ID 2406-11

2 TIME 677

NAME HD61931

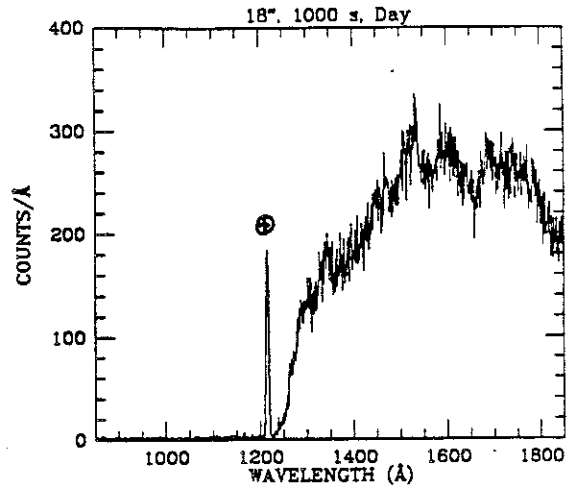


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	89	src	sim	6	6	3.1	2	7	1	---	7	2	---	SAASM3	PHDMON
4	P	W 139	aut	aut	5	5	5.3		8	6	---	---	---	---		
5	U	99	DT	-	T	F	-	-	-	-	-	-	-	-	-	V-BRT

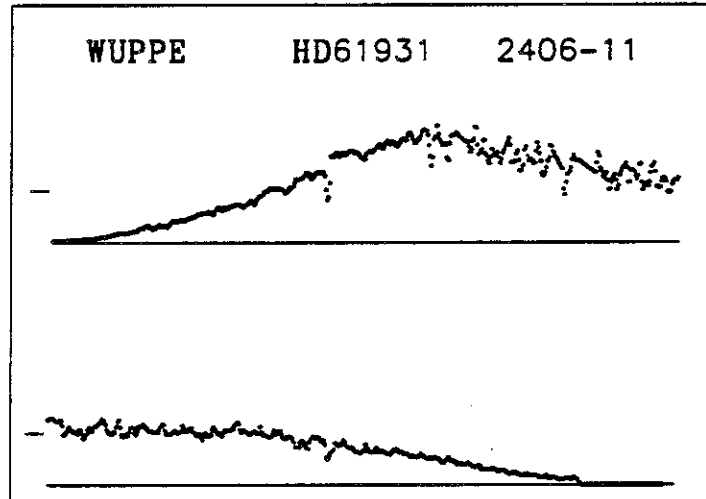
6 U	(At beginning of slew)	25 H	JOB	*IF HUT LOG_R < 3	HOP * ITEM 39_1
7 U	UAC *IF UIT Door O*	26 H	HDC	* ITEM 61_0 (ND6 filt)	
8 U	* ITEM 44, Chk Door C*	27 H		* Check 61_0_0	
9 U	Expect UIT SET,OBS err	28 H	HOP	* ITEM 42_3 (door 3)	
10 H	JAC VIP ON until at obs slit	29 H		* ITEM 32_X (X = gs mag)	
11	Config H W U	30	JOB	Observe	
12	-----	31 H		HUT will dither to ss	
13 H	- Note: Acquisition in SAA	32 H		mode for part of obs.	
14	JAC All SETUP	33	JAC	All PREVIEW	
15 J	Chk Stat - -LOC STB	34 H	HDC	(just prior to QUIT)	
16 H	TV Verify HUT acq on TV	35 H		ITEM 61_0 (ND6 filt)	
17	JAC IMC BEGIN	36 H		Check 61_0_0	
18	HUT ITEM 5	37 H	JAC	ITEM 16_1	
19 H	- After SAA exit	38		All QUIT	
20 H	JAC HUT SETUP	39		-----	
21 H	Chk HUT Stat -DET	40 U		(During slew)	
22	All BEGIN	41 U	UAC	*IF next obj not V-BRT	
23 H	HSP When actual slit pos=7	42 U		* ITEM 43, Chk Door O*	
24 H	JAC ITEM 16_0				

3

OBJECT: 2406 HD61931
KEYWORDS: ~~Wolf-Rayet Star~~
COMMENTS:
Observe with 50 cm² aperture.
Look for em. lines and/or
P-Cygni stellar wind features.



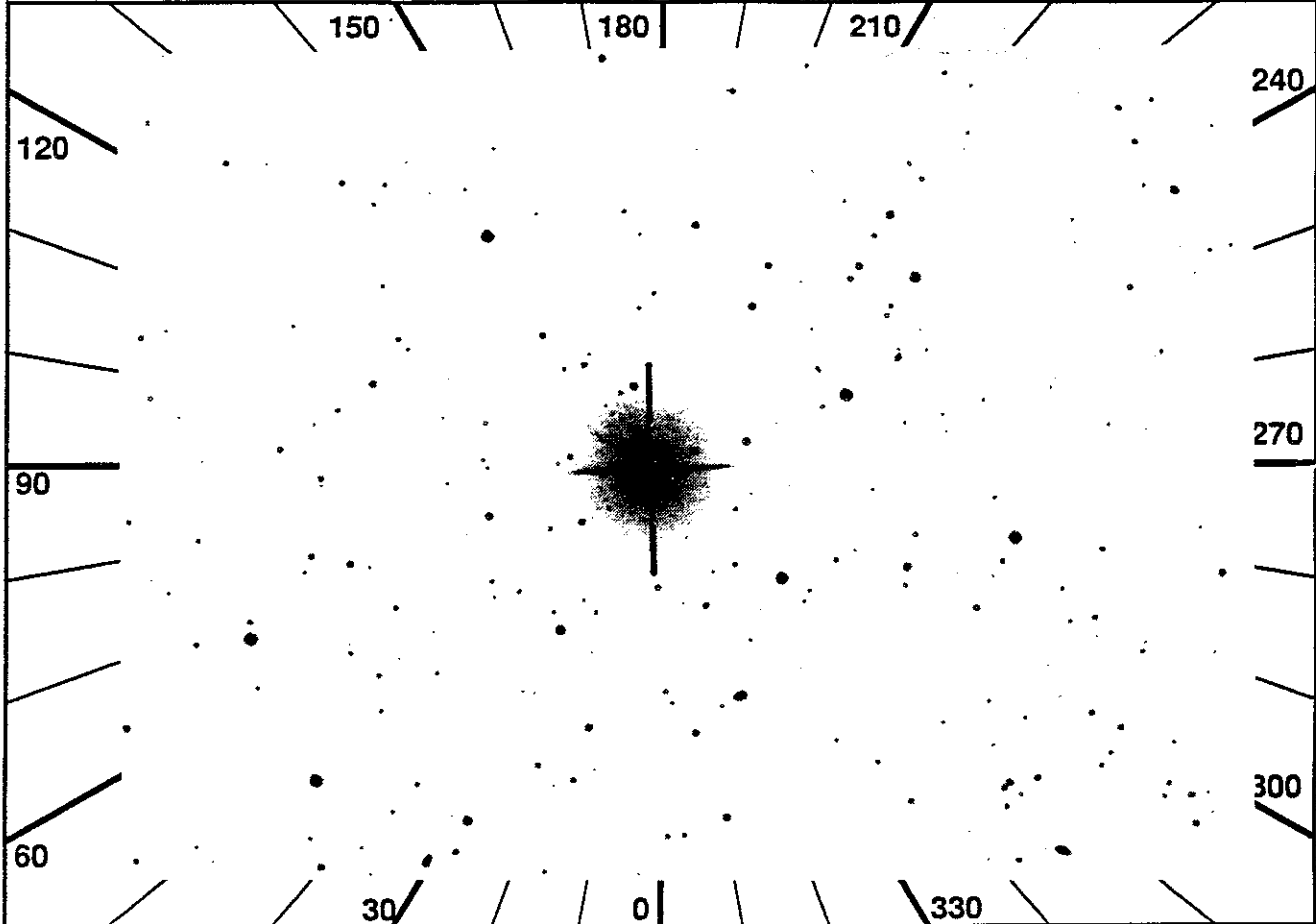
ID: 2406-11
Names: HD61931
Type: A0III
% Pol:
Pol Var:
Pos Ang:
Mechanism: scattering, non-
spherically symmetric
geometry
Comments: oblateness due to
rapid rotation coupled with
radiative transfer effects at
wavelengths shortward of the
Planck maximum should lead to
enhanced pol. and potentially
"edge" like features in the
polarization spectrum.
IUE data used for simulated
spectrum is that of 15 Dra.



UIT
Observation Description

1 RA 115.0723 DEC 50.5541 ROLL 265.25
 2 TIME 1329

ID 2406-12
 NAME HD61931



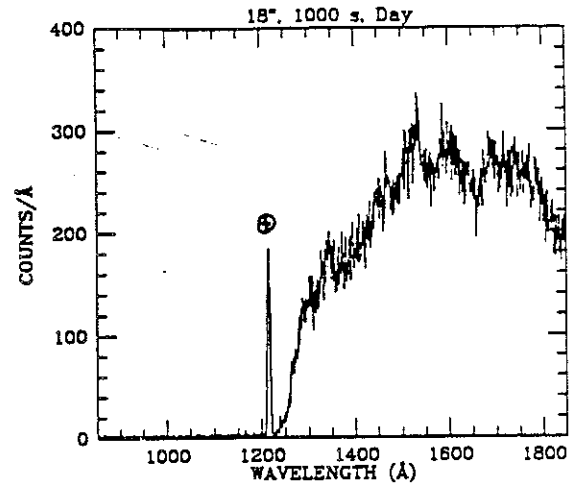
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	119	src	sim	6	6	3.1	2	7	1	---	7	2	---	SAASM3	PHDMON
4	P	W	139	aut	aut	5	5	5.3	8	6	---	---	---	---		
5	U	99	DT	-	T	F	-	-	-	-	-	-	-	-	-	V-BRT

6 U	(At beginning of slew)	25 H	JOB	*IF HUT LOG R < 3
7 U	UAC *IF UIT Door O*	26 H	HDC	* ITEM 61_0 (ND6 filt)
8 U	* ITEM 44, Chk Door C*	27 H		* Check 6I_0_0
9 U	Expect UIT SET,OBS err	28 H	HOP	* ITEM 42_3 (door 3)
10 H	JAC VIP ON until at obs slit	29 H		* ITEM 32_X (X = gs mag)
11	Config H W U	30	JOB	Observe
12	-----	31 H		HUT will dither to ss
13 H	- Note: Acquisition in SAA	32 H		mode for part of obs.
14 JAC	All SETUP	33	JAC	All PREVIEW
15 J	Chk Stat - -LOC STB	34 H	HDC	(just prior to QUIT)
16 H	TV Verify HUT acq on TV	35 H		ITEM 61_0 (ND6 filt)
17 JAC	IMC BEGIN	36 H		Check 6I_0_0
18	HUT ITEM 5	37 H	JAC	ITEM 16_I_0
19 H	- After SAA exit	38		All QUIT
20 H	JAC HUT SETUP	39		-----
21 H	Chk HUT Stat -DET	40 U		(During slew)
22	All BEGIN	41 U	UAC	*IF next obj not V-BRT
23 H	HSP When actual slit pos=7	42 U		* ITEM 43, Chk Door O*
24 H	JAC ITEM 16_0			

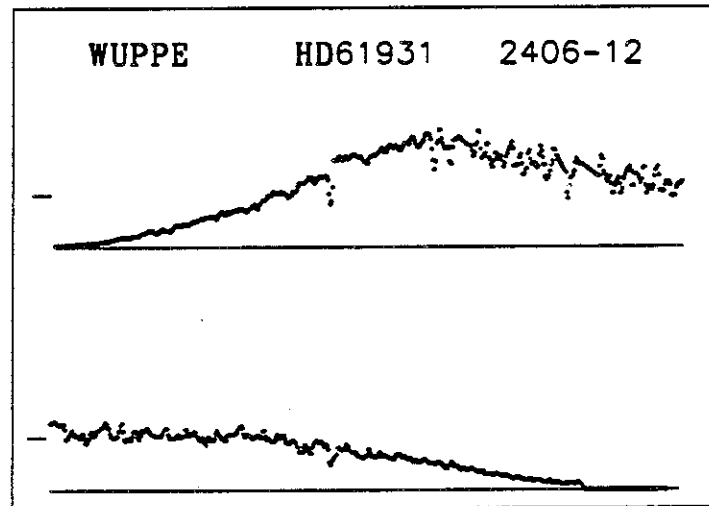
← HOP *ITEM 39_1

3

OBJECT: 2408 HD61931
KEYWORDS: ~~Wolf-Rayet Star~~
COMMENTS:
Observe with 50 cm2 aperture.
Look for em. lines and/or
P-Cygni stellar wind features.



ID: 2406-12
Names: HD61931
Type: A0III
% Pol:
Pol Var:
Pos Ang:
Mechanism: scattering, non-
spherically symmetric
geometry
Comments: oblateness due to
rapid rotation coupled with
radiative transfer effects at
wavelengths shortward of the
Planck maximum should lead to
enhanced pol. and potentially
"edge" like features in the
polarization spectrum.
IUE data used for simulated
spectrum is that of 15 Dra.



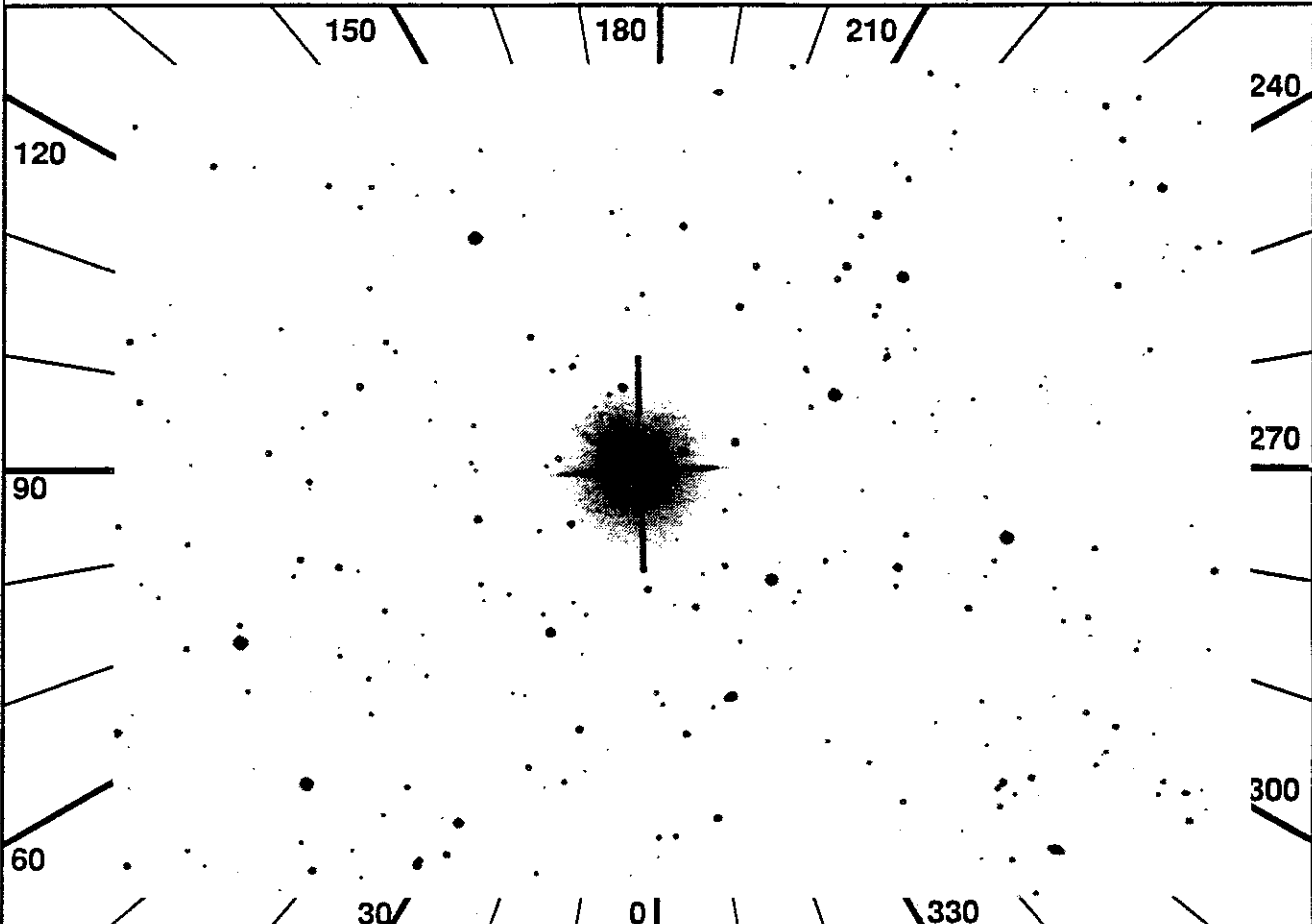
UIT
Observation Description

1 RA 115.0723 DEC 50.5541 ROLL 265.25

ID 2406-13

2 TIME 1054

NAME HD61931



SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	228	src	sim	6	6	3.1	2	7	1	---	7	2	---	SAASM3	PHDMON
4	P	W	139	aut	aut	5	5	5.3	8	6	---	---	---	---		
5	U	99	DT	-	T	F	-	-	-	-	-	-	-	-	-	V-BRT

```

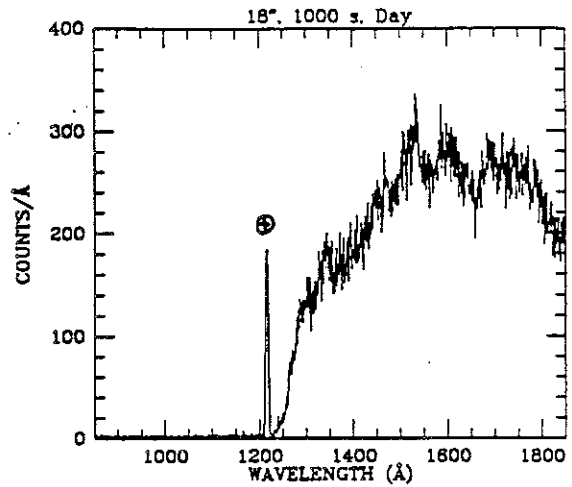
6 U (At beginning of slew)
7 U UAC *IF UIT Door O*
8 U * ITEM 44, Chk Door C*
9 U Expect UIT SET,OBS err
10 H JAC VIP ON until at obs slit
11 Config H W U
12 -----
13 H - Note: Acquisition in SAA
14 JAC All SETUP
15 J Chk Stat - -LOC STB
16 H TV Verify HUT acq on TV
17 JAC IMC BEGIN
18 HUT ITEM 5
19 H - After SAA exit
20 H JAC HUT SETUP
21 H Chk HUT Stat -DET
22 All BEGIN
23 H HSP When actual slit pos=7
24 H JAC ITEM 16_0

25 H JOB *IF HUT LOG R < 3 ← HOP # ITEM 39.1
26 H HDC * ITEM 61_0 (ND6 filt)
27 H * Check 61_0_0
28 H HOP * ITEM 42_3 (door 3)
29 H * ITEM 32_X (X = gs mag)
30 JOB Observe
31 H HUT will dither to ss
32 H mode for part of obs.
33 JAC All PREVIEW
34 H HDC (just prior to QUIT)
35 H ITEM 61_0 (ND6 filt)
36 H Check 61_0_0
37 H JAC ITEM 16_I
38 All QUIT
39 -----
40 U (During slew)
41 U UAC *IF next obj not V-BRT
42 U * ITEM 43, Chk Door O*

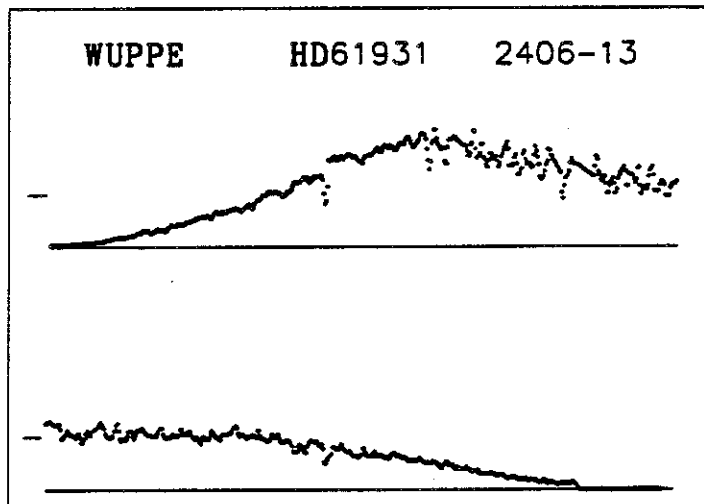
```

3

OBJECT: 2406 HD61931
KEYWORDS: ~~Wolf-Rayet Star~~
COMMENTS:
Observe with 50 cm² aperture.
Look for em. lines and/or
P-Cygni stellar wind features.



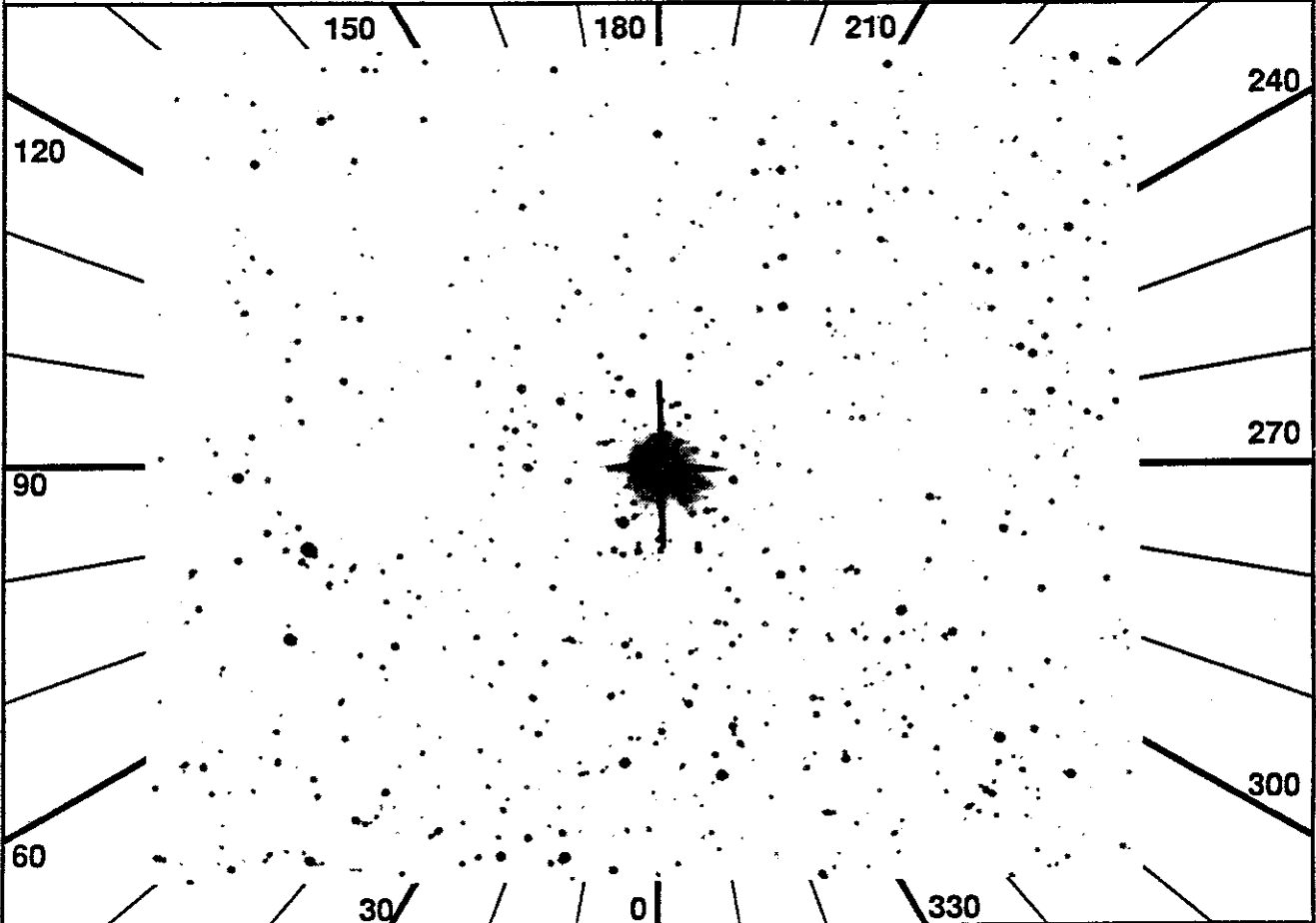
ID: 2406-13
Names: HD61931
Type: A0III
% Pol:
Pol Var:
Pos Ang:
Mechanism: scattering, non-
spherically symmetric
geometry
Comments: oblateness due to
rapid rotation coupled with
radiative transfer effects at
wavelengths shortward of the
Planck maximum should lead to
enhanced pol. and potentially
"edge" like features in the
polarization spectrum.
IUE data used for simulated
spectrum is that of 15 Dra.



UIT
Observation Description

1 RA 303.0466 DEC 28.5422 ROLL 128.34
 2 TIME 1690

ID 2417-10
 NAME 21VUL

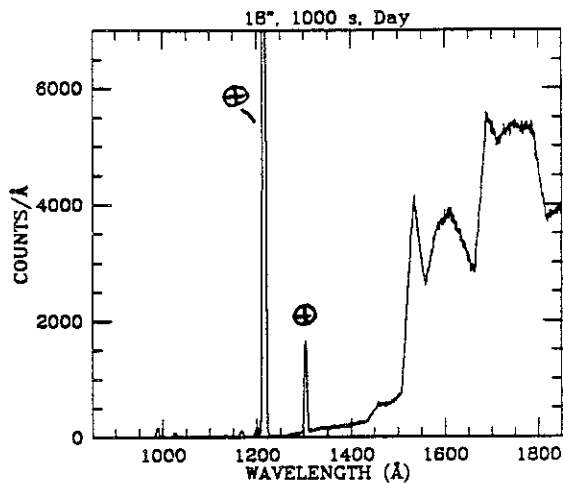


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2	
3	H	277	src	sim	6	6	4.6	5	7	1	---	7	2	---	C LR5	PHDMON	
4	S	W 138	aut	aut	5	6	4.9		8	6	---						
5	U	182	DT	-		T	F	31 a1	31	b1	124	b5	-	-	-	-	
6	JAC	ITEM 16_0										15	H	HOP * ITEM 42_5 (door 5)			
7		Config H W U										16	H	JOB Observe			
8		-----										17	H	HUT will dither to ss			
9	JAC	All SETUP										18	H	mode for part of obs.			
10		Chk Stat -LOC -LOC RDY										19	JAC	All PREVIEW			
11		IMC BEGIN										20		All QUIT			
12		HUT ITEM 5										21		-----			
13		All BEGIN										22	JAC	ITEM 16_1			
14	H	JOB *IF HUT LOG_R < 4.4															

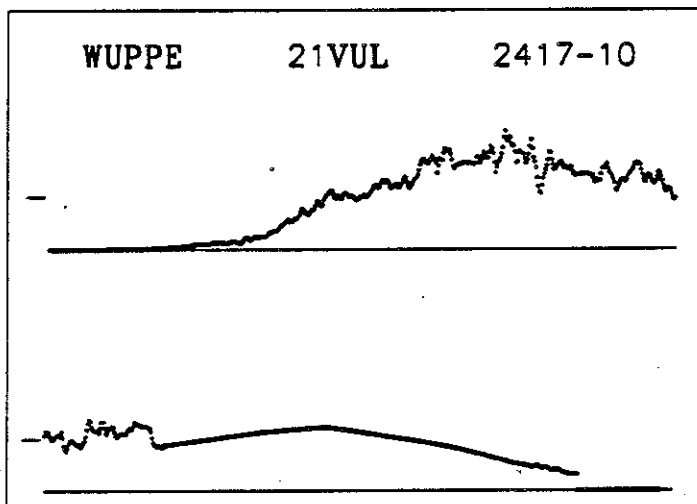
3

OBJECT: 2417 21VUL
KEYWORDS: Rapid Rotator Star
COMMENTS:

Look for em. lines and/or
P-Cygni stellar wind features.



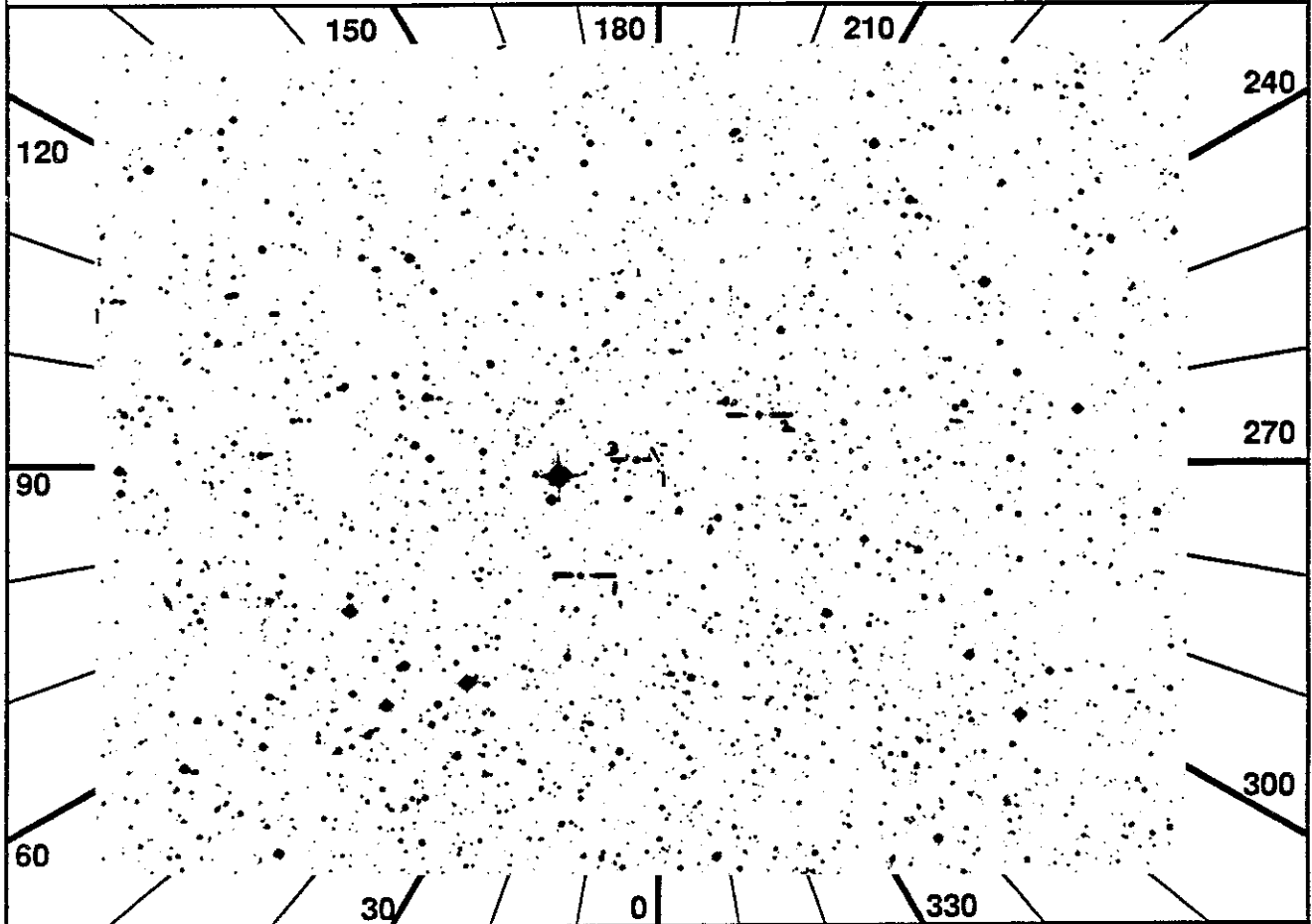
ID: 2417-10
Names: 21VUL HD192518
Type: A7IV
% Pol:
Pos Ang:
Mechanism: scattering, non-
spherically symmetric
geometry
Comments: oblateness due to
rapid rotation coupled with
radiative transfer effects at
wavelengths shortward of the
Planck maximum should lead to
enhanced pol. and potentially
"edge" like features in the
polarization spectrum.
IUE data used for simulated
spectrum are saturated longward
of 2500Å.



UIT
Observation Description

1 RA 224.9032 DEC -41.7921 ROLL 343.76
 2 TIME 2060

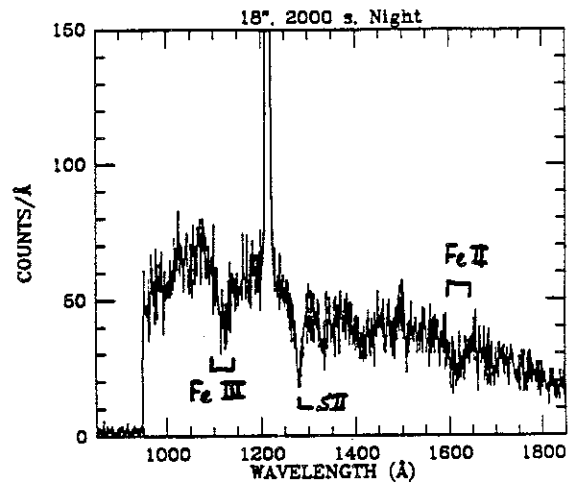
ID 2506-11
 NAME SW-MID



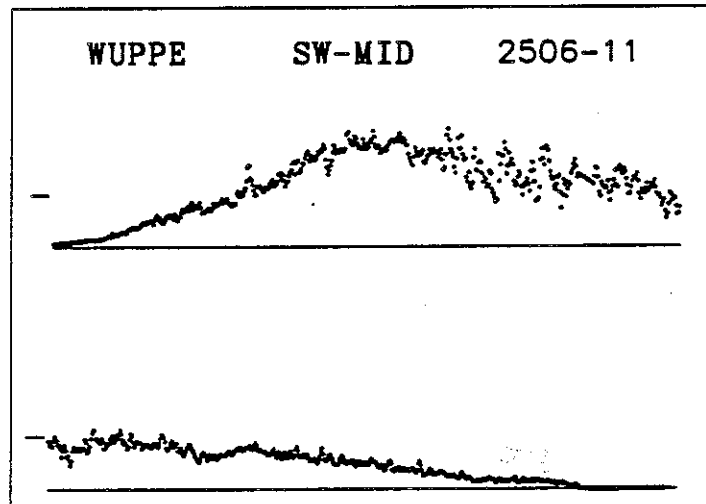
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	47	src sim	17	16	2.5	5	7	4	---	---	---	---	---		
4	W	141	ncn ngd	15	14	1.8		2	2	---	---	---	---	---	FNTLOC	
5	U	203	DT -	T F	31	a1	31	b1	31	b5	-	-	-	-		
6	JAC	ITEM 16 0					19	W	* Config without WUP							
7		Config H W U					20		All BEGIN							
8		-----					21	W	*IF WUP Deconfig							
9	JAC	All SETUP					22	W	* WUP ITEM 11 F_+1							
10	W	Chk Stat -LOC -CUR RDY					23	W	* Cur/ITEM 6 in fld, zm							
11		IMC BEGIN					24	W	* WUP ITEM 4 (Cur off)							
12		HUT ITEM 5					25	W	* WUP ITEM 7 (Begin)							
13	W	WUP tgt= HUT faint star					26	W	* Config with WUP							
14	W	*IF WUP target visible					27		JOB Observe							
15	W	* WUP PFK cur to target					28	JAC	All PREVIEW							
16	W	* WUP ITEM 6 (Cntr)					29		All QUIT							
17	W	* WUP ITEM 4 (Cur off)					30		-----							
18	W	*ELSE					31	JAC	ITEM 16_1							

don't waste too much time on src locate

OBJECT: 2506 SW-MID
KEYWORDS: sdOB star, SNR Absorption
COMMENTS:
This is the so-called Sweizer-
Middleditch star, a sdOB star locat-
ed behind the SNR SN1008. Look for
absorption features in the faint
continuum, esp. Fe III 1123.



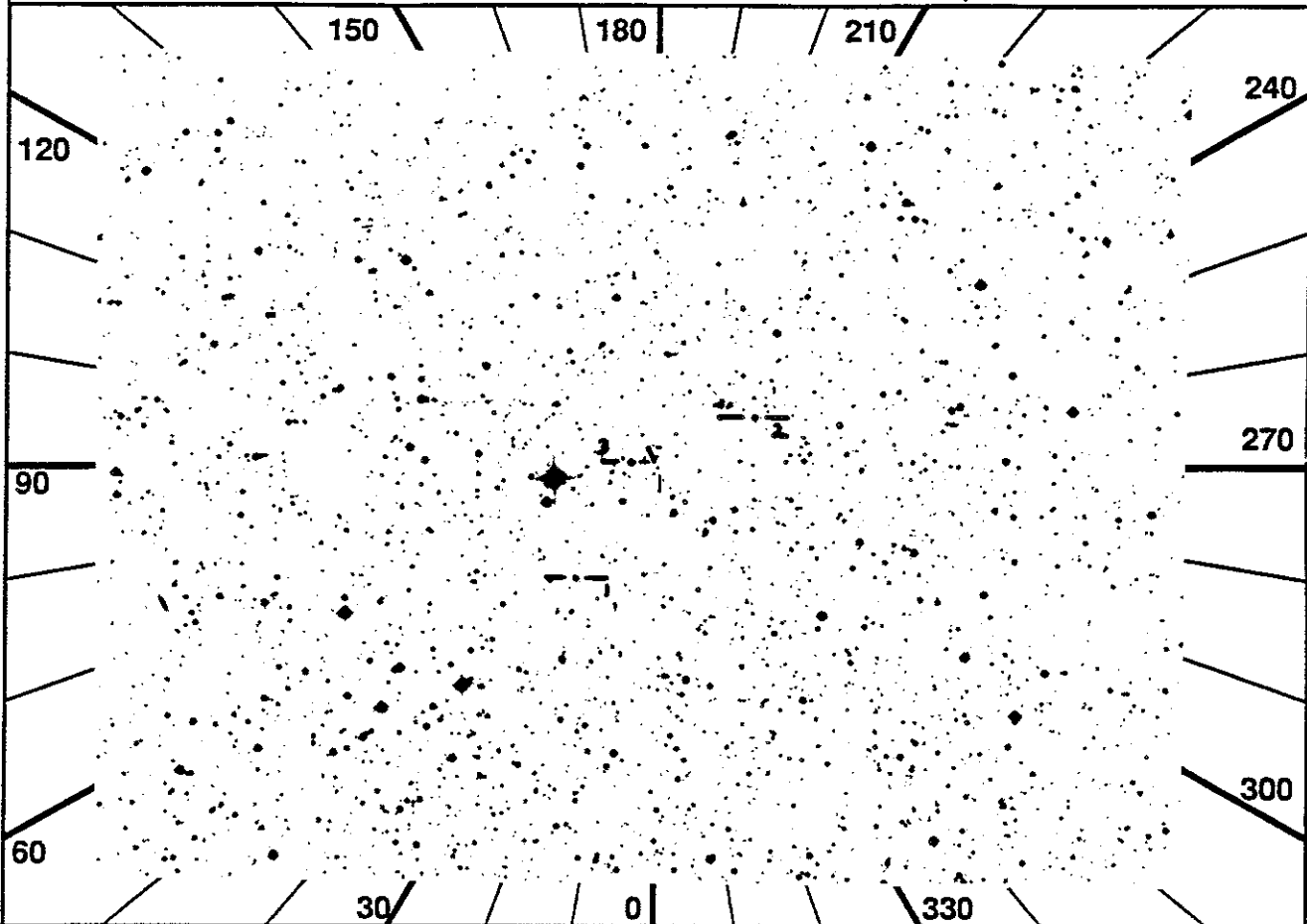
ID: 2506-11
Names: SW-MID
Type: SNR
% Pol: 0
Comments:



UIT
Observation Description

1 RA 224.9032 DEC -41.7921 ROLL 343.76
 2 TIME 1733

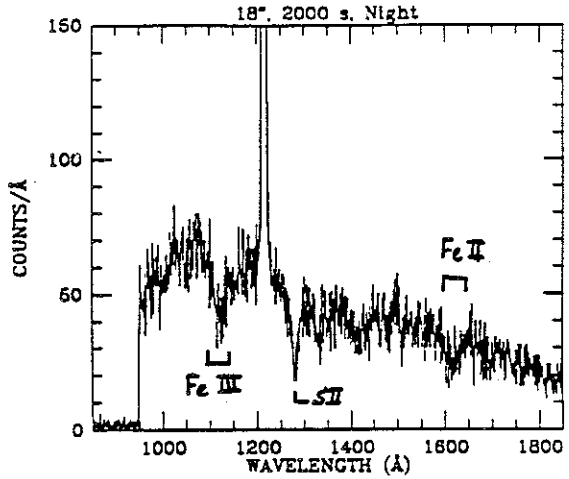
ID 2506-12
 NAME SW-MID



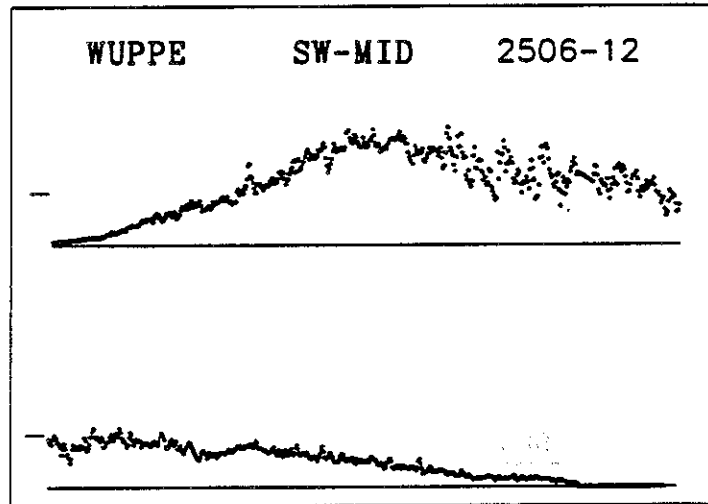
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2	
3	S H 126	src	sim	17	16	2.5	5	7	4	---	---	---	---	---			
4	W 141	ncn	ngd	15	14	1.8		2	2	---	---	---	---	---	FNTLOC		
5	U 222	DT	-	T F	88	a6	31	a2	31	a5	31	b5	-	-			
6	JAC	ITEM 16 0										19	W	* Config without WUP			
7		Config H W U										20		All BEGIN			
8		-----										21	W	*IF WUP Deconfig			
9	JAC	All SETUP										22	W	* WUP ITEM 11 F +1			
10	W	Chk Stat -LOC -CUR RDY										23	W	* Cur/ITEM 6 In fld, zm			
11		IMC BEGIN										24	W	* WUP ITEM 4 (Cur off)			
12		HUT ITEM 5										25	W	* WUP ITEM 7 (Begin)			
13	W	WUP tgt= HUT faint star										26	W	* Config with WUP			
14	W	*IF WUP target visible										27		JOB Observe			
15	W	* WUP PFK cur to target										28	JAC	All PREVIEW			
16	W	* WUP ITEM 6 (Cntr)										29		All QUIT			
17	W	* WUP ITEM 4 (Cur off)										30		-----			
18	W	*ELSE										31	JAC	ITEM 16_1			

don't waste too much time on src locate

OBJECT: 2508 SW-MID
 KEYWORDS: sdOB star, SNR Absorption
 COMMENTS:
 This is the so-called Sweizer-
 Middleditch star, a sdOB star locat-
 ed behind the SNR SN1008. Look for
 absorption features in the faint
 continuum, esp. Fe III 1123.

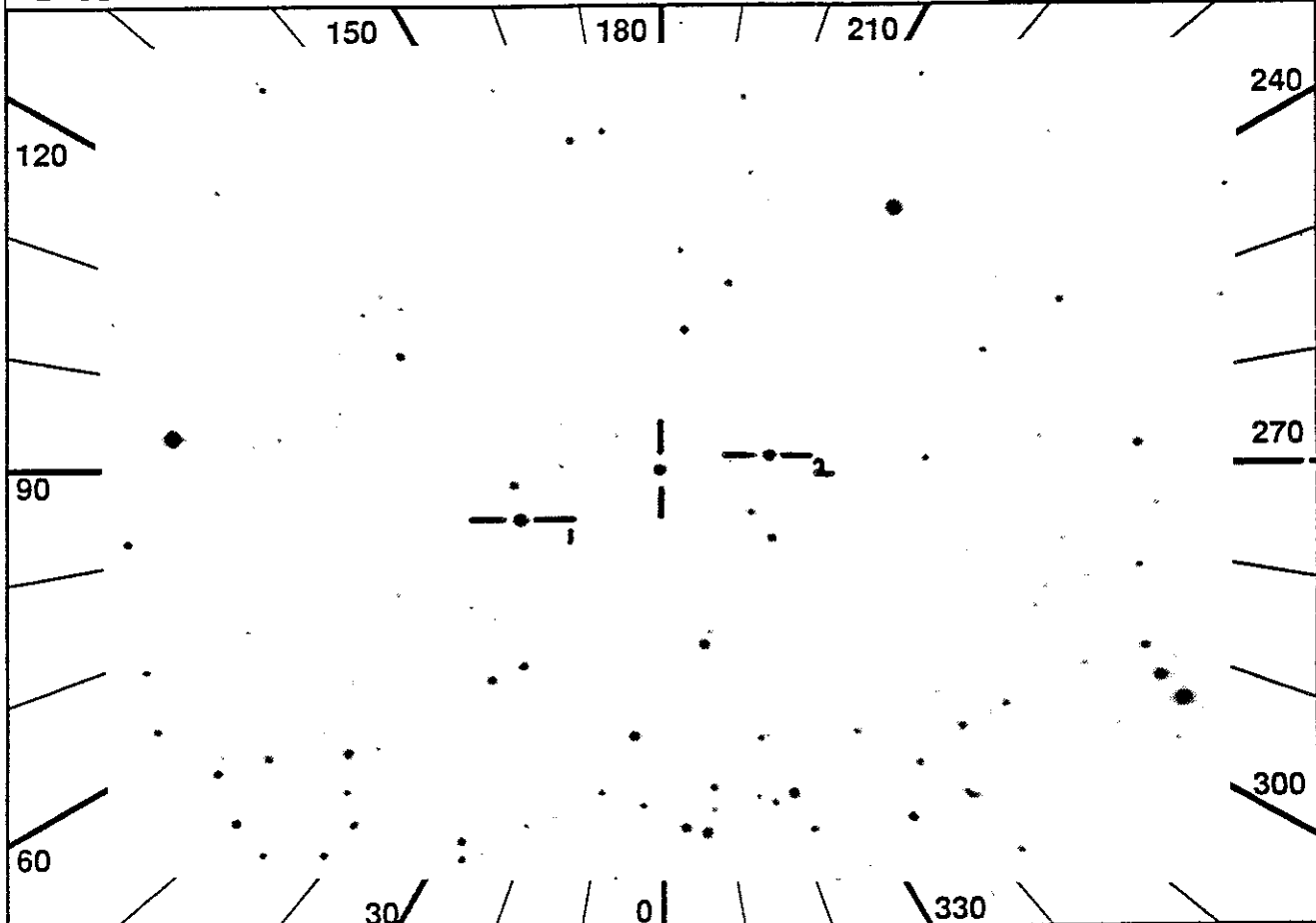


ID: 2506-12
 Names: SW-MID
 Type: SNR
 % Pol: 0
 Comments:



UIT
 Observation Description

1 RA 193.6458 DEC 22.3044 ROLL ---- ID 2517-11
 2 TIME 439 NAME GD153



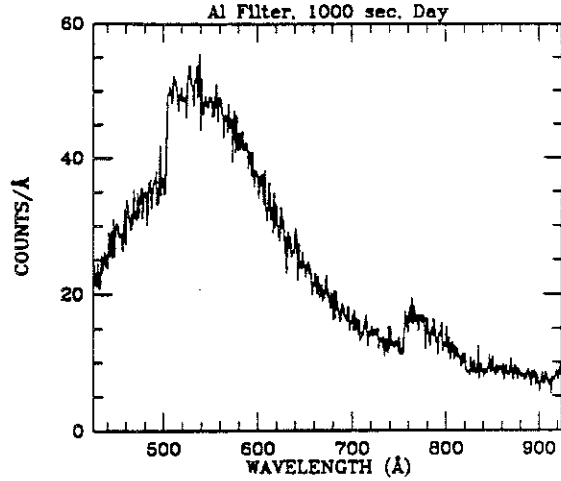
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P	H	370	qde	sim	14	14	2.0	5	3	4	---	---	---	LCDATA	
4	W	295	aut	aut	13	9	3.5			2	6	---	---	---		
5	U	213	DT	-	T	F	31	a2	31	a5	31	b5	-	-	-	-
6	H	HOP	ITEM 90_5_1	(loc=obs ap)			14	All BEGIN								
7	JAC	ITEM 16_0				15	JOB Observe									
8		Config	H	W	U	16	JAC All PREVIEW									
9						17	All QUIT									
10	JAC	All	SETUP				18	-----								
11		Chk	Stat	-LOC	-LOC	RDY	19	JAC ITEM 16_1								
12		IMC	BEGIN				20	H HOP ITEM 90_5_0 (restore)								
13		HUT	ITEM	5												

~~ITEM 90_5_3~~ No revised - made GD153 ALT

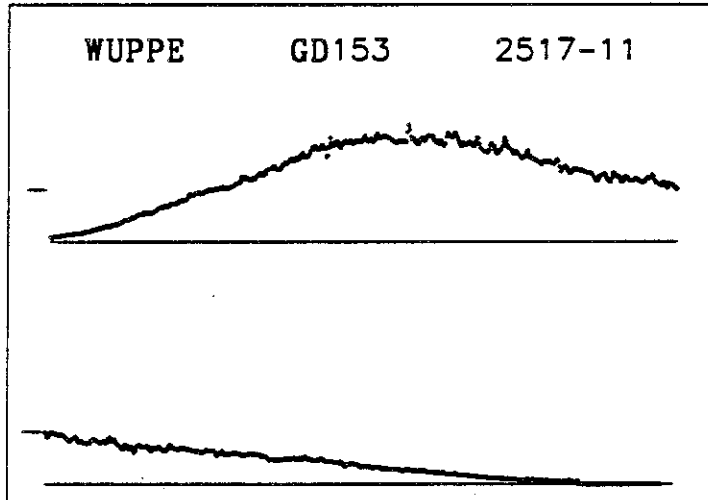
because unfiltered rate too bright

OBJECT: 2517 GD153
KEYWORDS: DA White Dwarf, EUV source
COMMENTS:
1 of 2 EUV continuum sources observed
in mission.

Unfiltered count rate expected to be
dangerously high. Hence alternate
procedure designed to have detector
OFF when slit wheel goes through
unfiltered positions.



ID: 2517-11
Names: GD153
Type: WD A
% Pol: 0
Comments: Halfwave faint limit
test



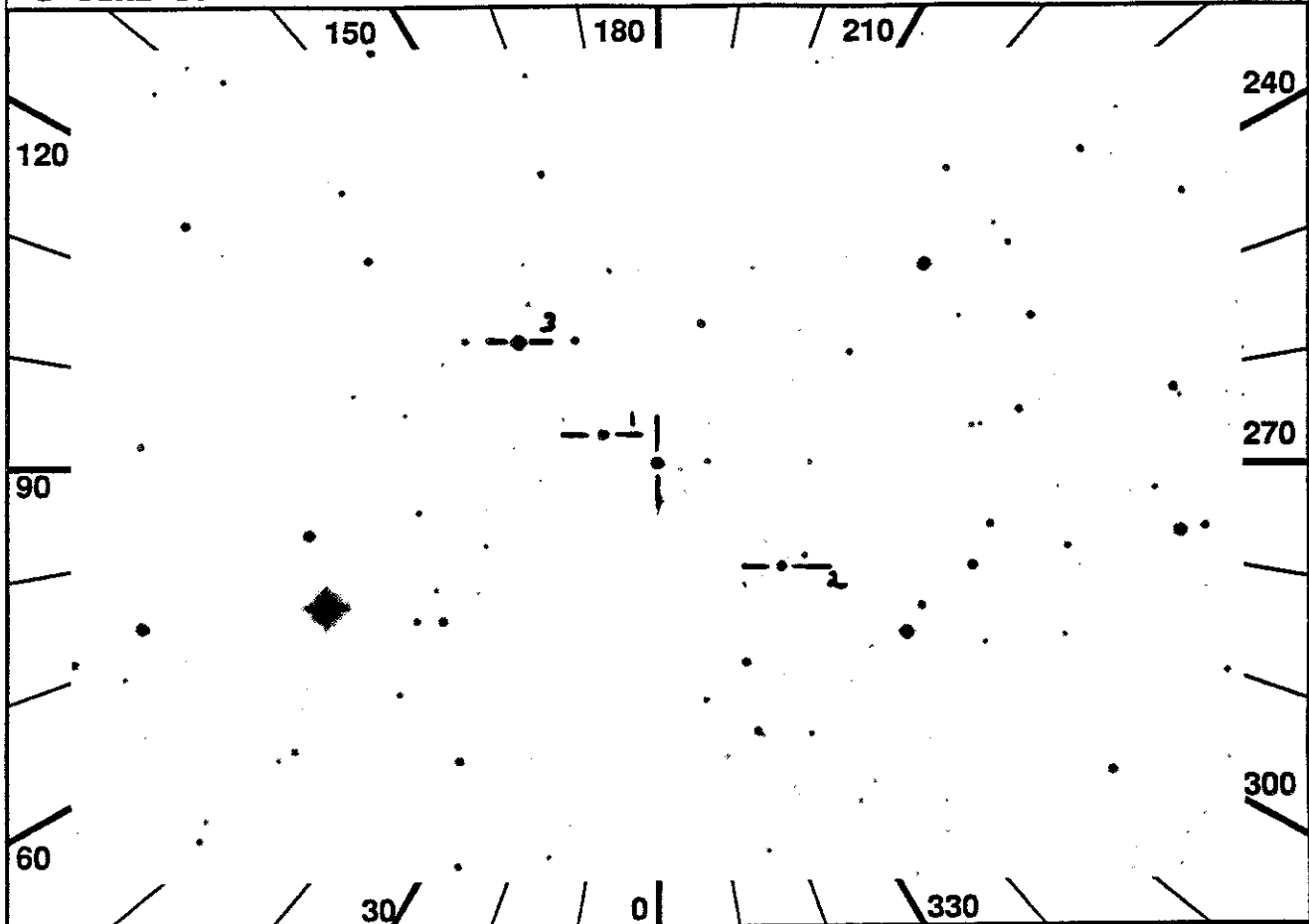
UIT
Observation Description

1 RA 198.5006 DEC 29.3624 ROLL 259.50

ID 2533-10

2 TIME 1515

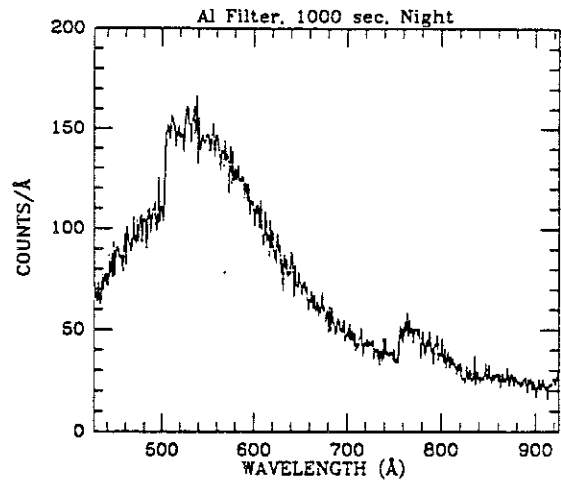
NAME HZ43



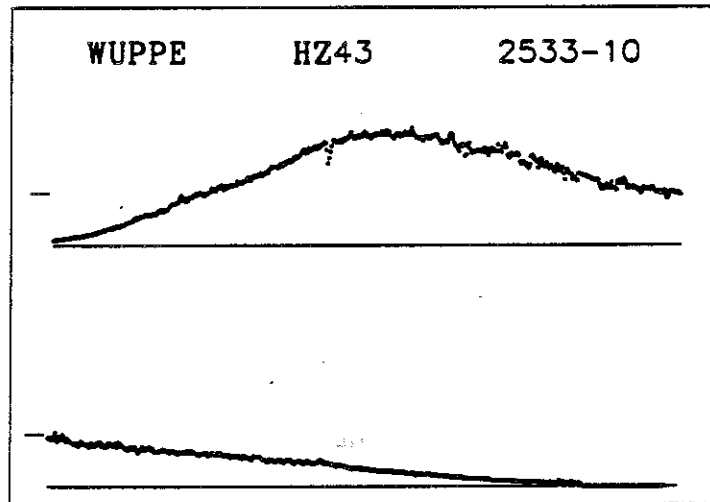
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	234	src sim	14	4.4	5	7	1	---	3	4	---	---	---	---	TO 2ND
4	W	101	aut aut	13	9	3.7	2	2	---	9	6	60	---	---	---	BKG2
5	U	101	DT -	T F	31	a1	31	b1	-	-	-	-	-	-	-	-
6	JAC	ITEM	16	0			14	H	JOB	HUT	will	dither	to	Alum		
7		Config	H	W	U		15	H		filt	(slit	3),	LOG_R=2.5			
8		-----					16	W	JAC	NOTE:	WUP	last	seq =	BKG		
9	JAC	All	SETUP				17		JOB	Observe						
10		Chk	Stat	-LOC	-LOC	RDY	18	JAC	All	PREVIEW						
11		IMC	BEGIN				19		All	QUIT						
12		HUT	ITEM	5			20		-----							
13		All	BEGIN				21	JAC	ITEM	16_1						

OBJECT: 2533-10 HZ43
KEYWORDS: DA White Dwarf, EUV source
COMMENTS:
These pointings primarily devoted to
science observation of EUV emissions
and absorption by local ISM.

If earlier pointing did not get
enough unfiltered cal data, will
dither between clear and Al filter
positions. Spectrum shown here is
filtered.



ID: 2533-10
Names: HZ43
Type: WD A
% Pol: 0
Comments: Lyot obs then
Halfwave Day Bkg



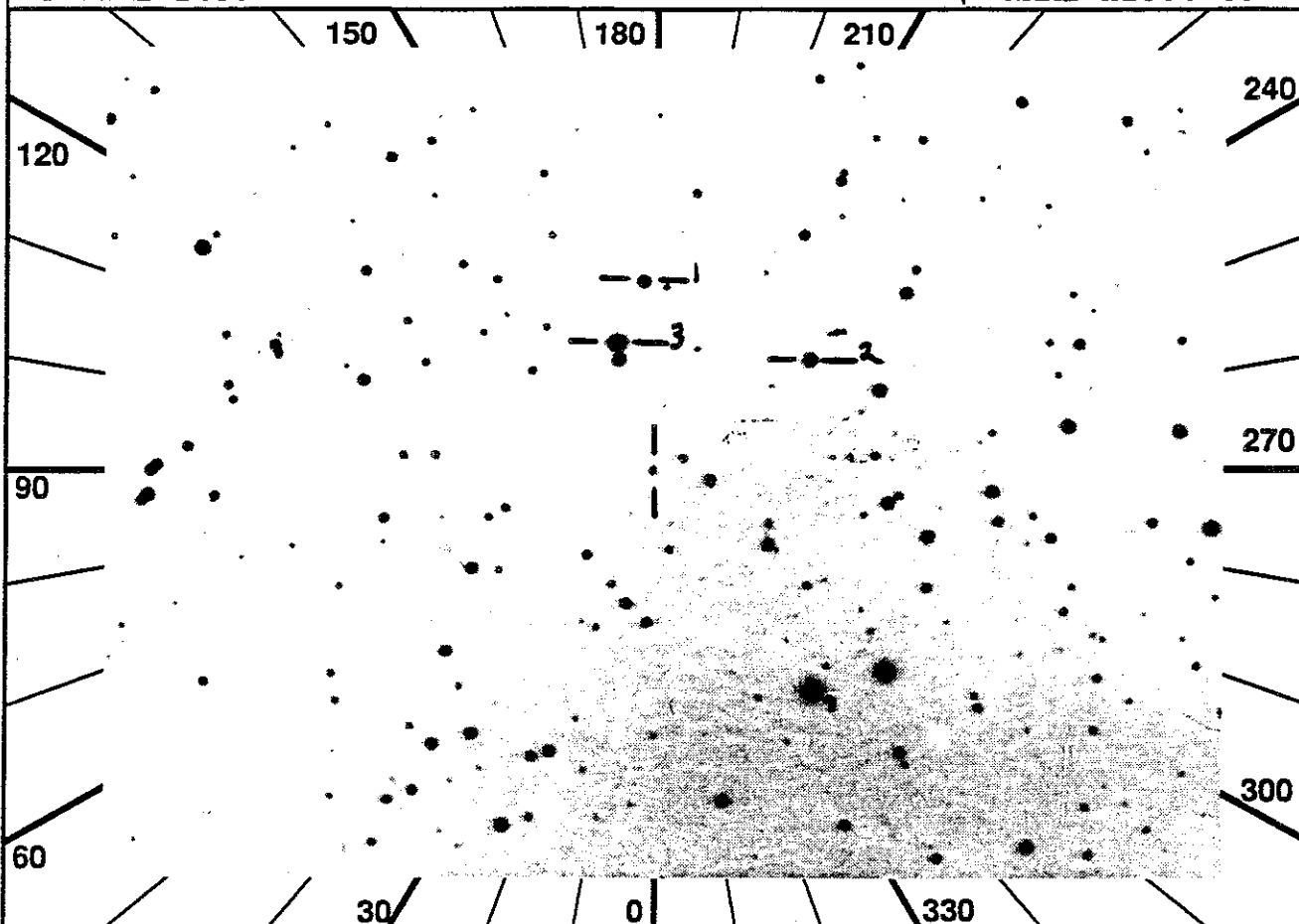
UIT
Observation Description

1 RA 225.3462 DEC 66.4025 ROLL 69.75

ID 2603-10

2 TIME 2430

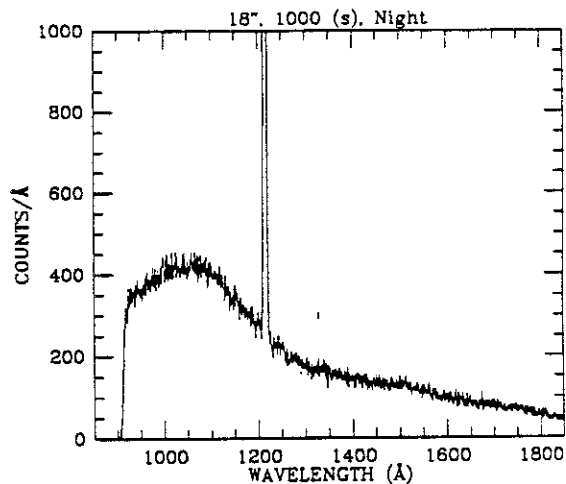
NAME H1504+65



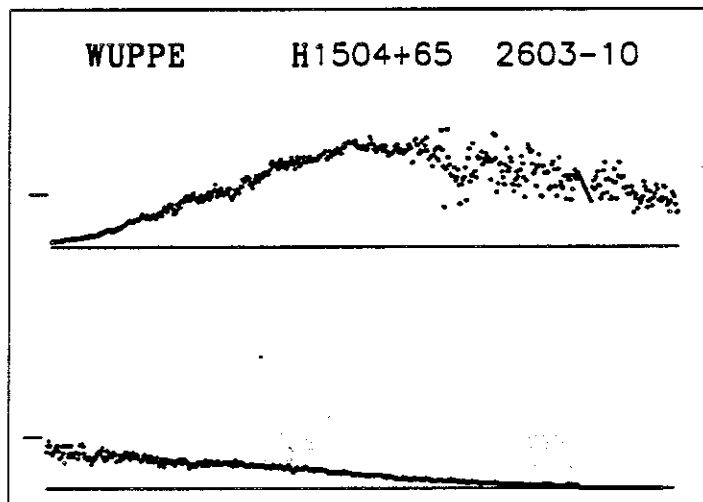
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	318	src off	17	14	3.3 3.9	5	1	1	6	1	1	6	1	1	0
4	W	143	ncn ngd	15	12	2.5		2	2	---	---	---	---	---	---	FNTLOC
5	U	185	DT -	T F	47	b5		31	b1	31	a1	-	-	-	-	LTSTRT
6	JAC	ITEM 16	0					21								All BEGIN
7		Config	H W U					22	W							*IF WUP Deconfig
8		-----						23	W							* WUP ITEM 11 F +1
9	JAC	All	SETUP					24	W							* Cur/ITEM 6 in fld, zm
10	W	Chk	Stat	-LOC	-CUR	RDY		25	W							* WUP ITEM 4 (Cur off)
11		IMC	BEGIN					26	W							* WUP ITEM 7 (Begin)
12		HUT	ITEM 5					27	W							* Config with WUP
13	W	WUP	tgt=	HUT	faint	star		28	U	JOB						Wait for TIME AVAIL 2184
14	W	*IF	WUP	target	visible			29	U							UIT BEGIN
15	W	* WUP	PFK	cur	to	target		30	U	JAC						Config with UIT
16	W	* WUP	ITEM 6	(Cntr)				31		JOB						Observe
17	W	* WUP	ITEM 4	(Cur	off)			32	JAC							All PREVIEW
18	W	*ELSE						33								All QUIT
19	W	* Config	without	WUP				34								-----
20	U	Config	without	UIT				35	JAC							ITEM 16_1

within 30" flat-field offset
1

OBJECT: 2603 H1504+65
KEYWORDS: White Dwarf
COMMENTS:
Very hot (~160,000), faint (V~16).
possible pulsating white dwarf.
Possible source of UV below
912 Å.



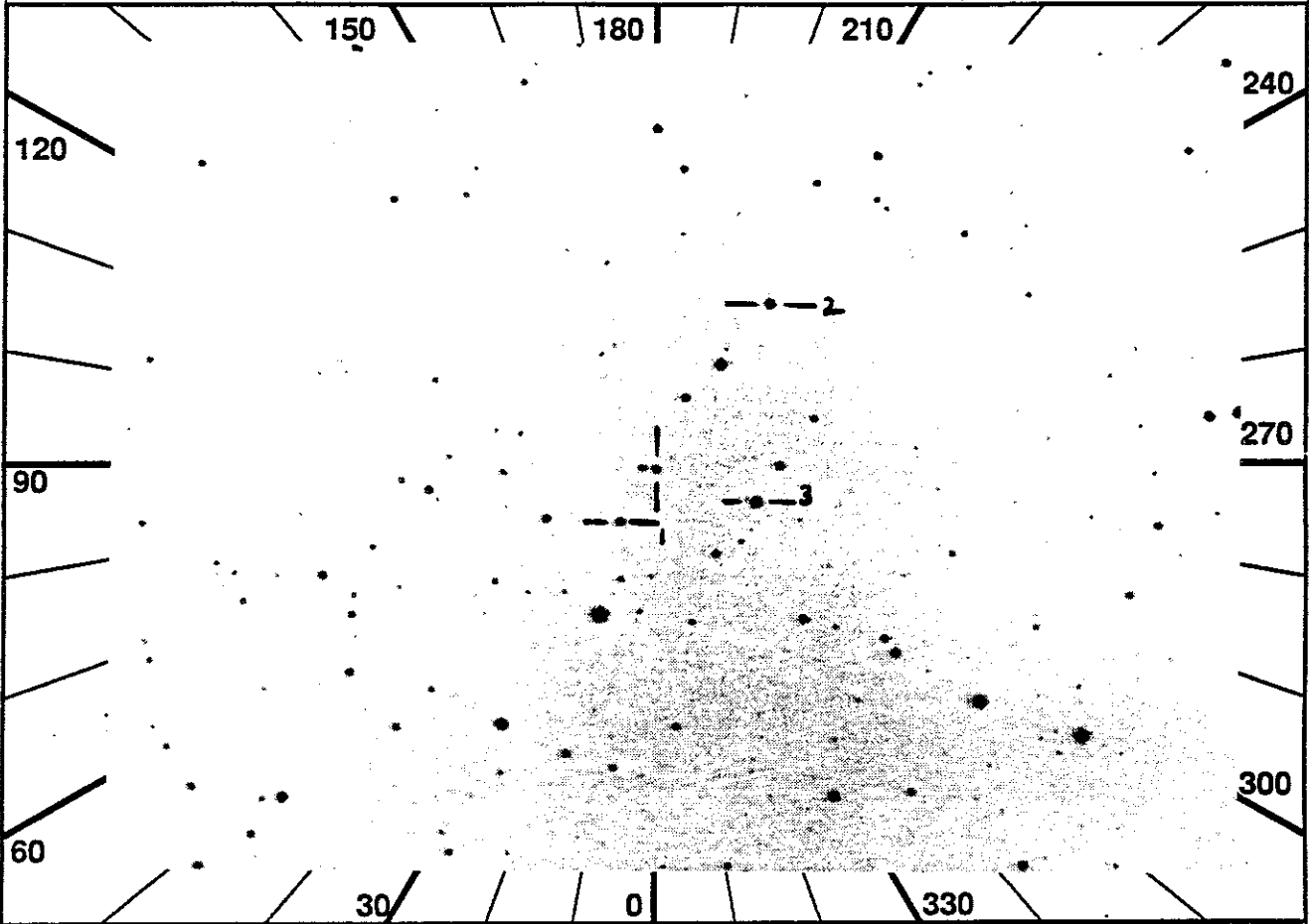
ID: 2603-10
Names: H1504+65
Type:
% Pol:
Pol Var:
Pos Ang:
Mechanism:
Comments:



UIT
Observation Description

1 RA 157.7704 DEC 23.4131 ROLL 60.00
 2 TIME 629

ID 2604-10
 NAME 1031+234

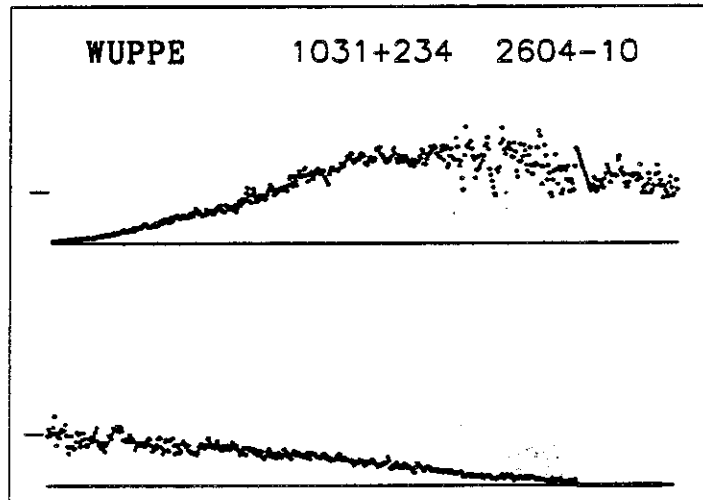


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	307	src sim	16	16	3.3	5	7	4	---	---	---	---	---		
4	P	W 144	ncn	ngd	15	13	2.2	2	2	---	---	---	---	---	FNTLOC	
5	U	213	DT	-	T	F	31	a2	31	a5	31	b5	-	-	-	AS2DFC
6	I		CMD	WRI	3900	F00242D6		22	W							* Config without WUP
7	I		CMD	WRI	3900			23								All BEGIN
8	I			F007F0010FA0	(4s upd)			24	W							*IF WUP Deconfig
9	JAC		ITEM	16	0			25	W							* WUP ITEM 11 F+1
10			Config	H	W	U		26	W							* Cur/ITEM 6 In fld, zm
11			-----					27	W							* WUP ITEM 4 (Cur off)
12	JAC		All	SETUP				28	W							* WUP ITEM 7 (Begin)
13	W		Chk	Stat	-LOC	-CUR	RDY	29	W							* Config with WUP
14			IMC	BEGIN				30								JOB Observe
15			HUT	ITEM	5			31	JAC							All PREVIEW
16	W		WUP	tgt=	HUT	faint	star	32								All QUIT
17	W		*IF	WUP	target	visible		33								-----
18	W		* WUP	PFK	cur	to	target	34	JAC							ITEM 16 1
19	W		* WUP	ITEM	6	(Cntr)		35	I							CMD ISS_3908 (1s upd)
20	W		* WUP	ITEM	4	(Cur	off)	36	I							CMD ISS_3928
21	W		*ELSE													

because faint
 2

OBJECT: 2604-10 PG1031+234
KEYWORDS: Magnetic White Dwarf
COMMENTS:
Relatively faint ($V \sim 15.5$)
white dwarf ($T \sim 15,000$) with very
large magnetic field (~ 500 MG)

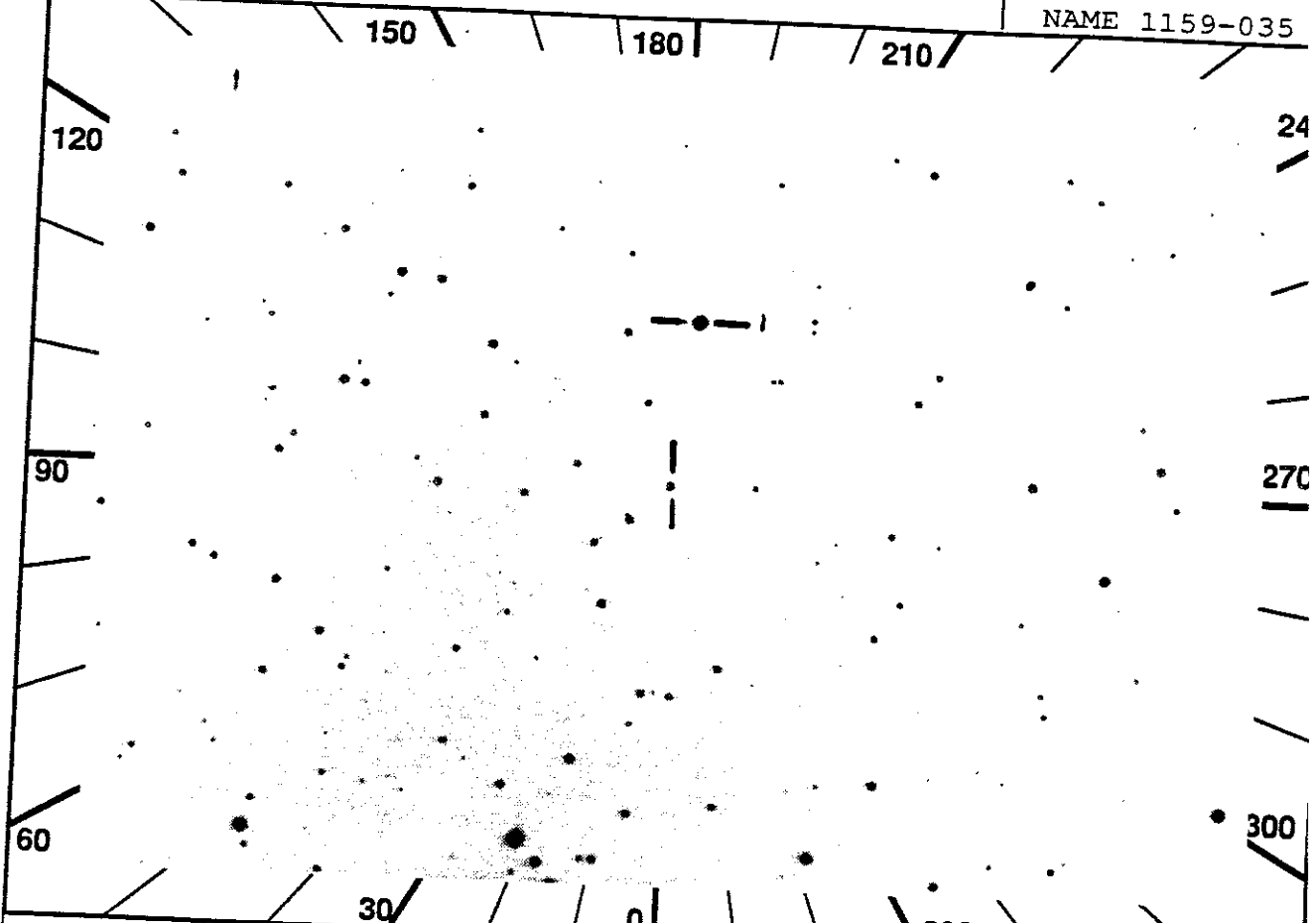
ID: 2604-10
Names: 1031+234
Type: DAP1
% Pol: 5
Pol Var: circ varies from
0 to 12, linear from 0 to 6
Pos Ang: 80-160
Mechanism: magnetic dichroism
Comments: field up to
1000 MG; observe at phase
0.6-0.8



UIT
Observation Description

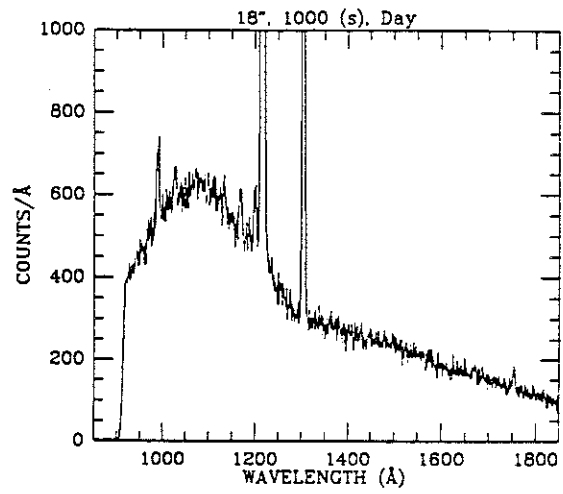
1 RA 179.8013 DEC -3.4825 ROLL 228.89
 2 TIME 2400

ID 2605-10
 NAME 1159-035

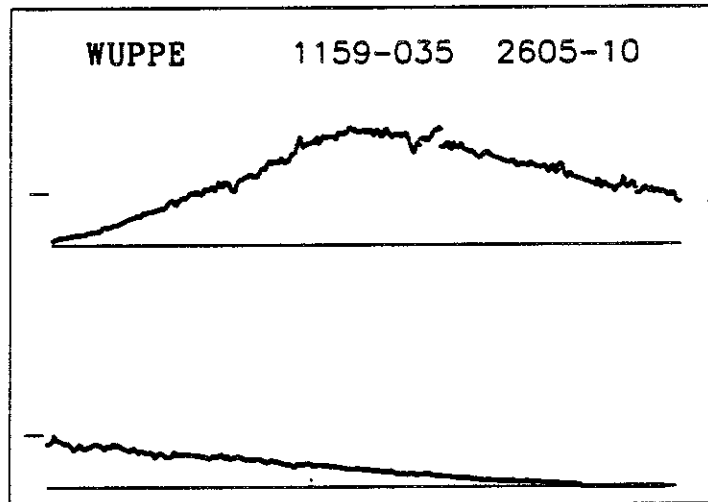


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	254	src	sim	16	12	3.5	5	7	4	---	---	---	---		
4	W	145	ncn	ngd	15	11	3.0		2	2	---	---	---	---		
5	U	204	DT	-	T	F	24	b5	31	b1	31	a1	-	-	-	ENTLOC
6	JAC	ITEM	16	0												LTSTRT
7		Config	H	W	U				21							All BEGIN
8									22	W						*IF WUP Deconfig
9	JAC	All	SETUP						23	W						* WUP ITEM 11 F +1
10	W	Chk	Stat	-LOC	-CUR	RDY			24	W						* Cur/ITEM 6 In fld, zm
11		IMC	BEGIN						25	W						* WUP ITEM 4 (Cur off)
12		HUT	ITEM	5					26	W						* WUP ITEM 7 (Begin)
13	W	WUP	tgt=	HUT	faint	star			27	W						* Config with WUP
14	W	*IF	WUP	target	visible				28	U	JOB					Wait for TIME AVAIL 2184
15	W	* WUP	PFK	cur	to	target			29	U						UIT BEGIN
16	W	* WUP	ITEM	6	(Cntr)				30	U	JAC					Config with UIT
17	W	* WUP	ITEM	4	(Cur	off)			31		JOB					Observe
18	W	*ELSE							32		JAC					All PREVIEW
19	W	* Config	without	WUP					33							All QUIT
20	U	Config	without	UIT					34							
									35		JAC					ITEM 16_1

OBJECT: 2605-10 PG1159-035
KEYWORDS: Pulsating White Dwarf
COMMENTS:
Hot (100,000), pulsating, white
dwarf star.



ID: 2605-10
Names: 1159-035
Type: WD
% Pol:
Pol Var:
Pos Ang:
Mechanism:
Comments:



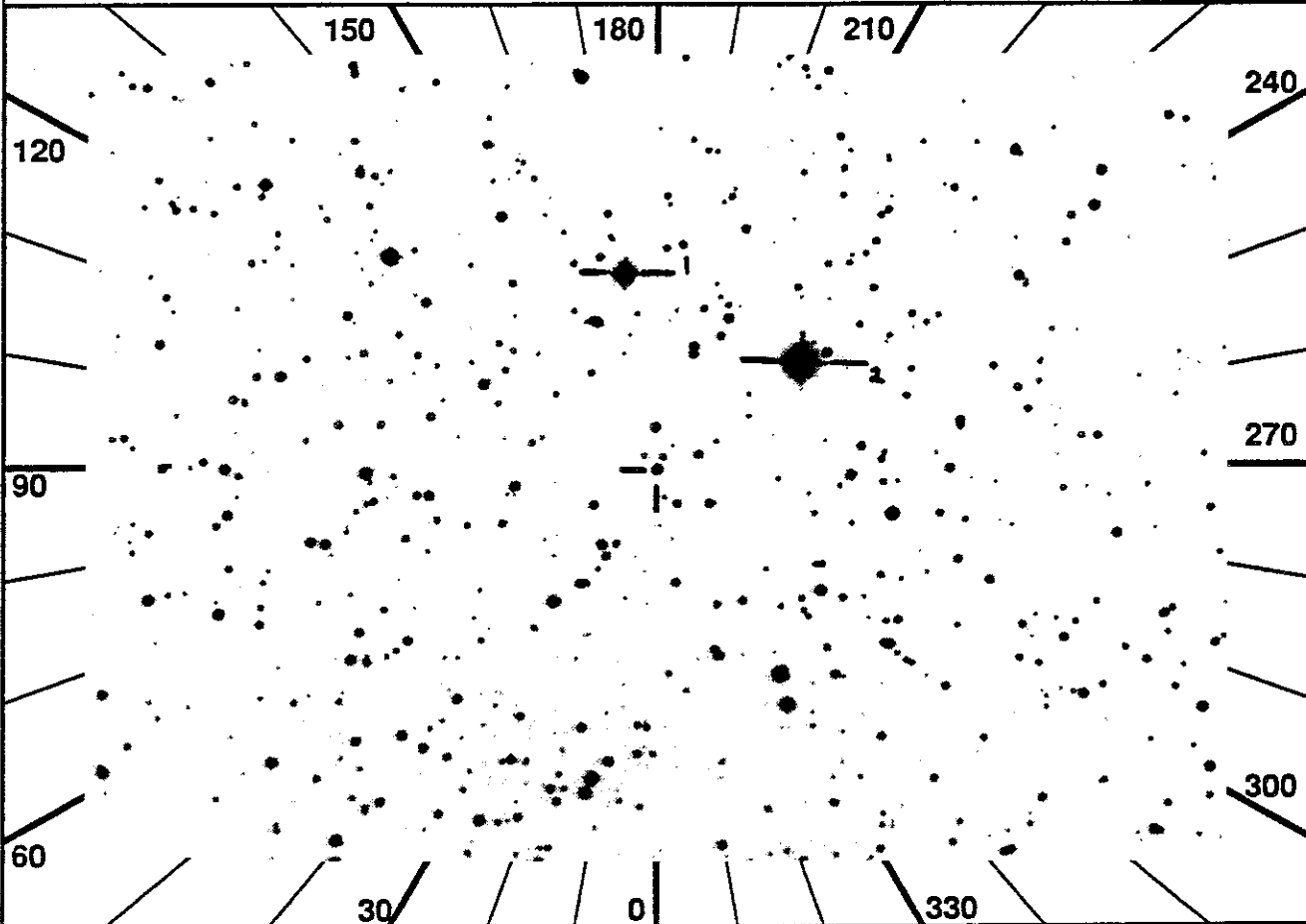
UIT
Observation Description

1 RA 285.1658 DEC 70.5903 ROLL 70.06

ID 2609-11

2 TIME 1508 MANOPS

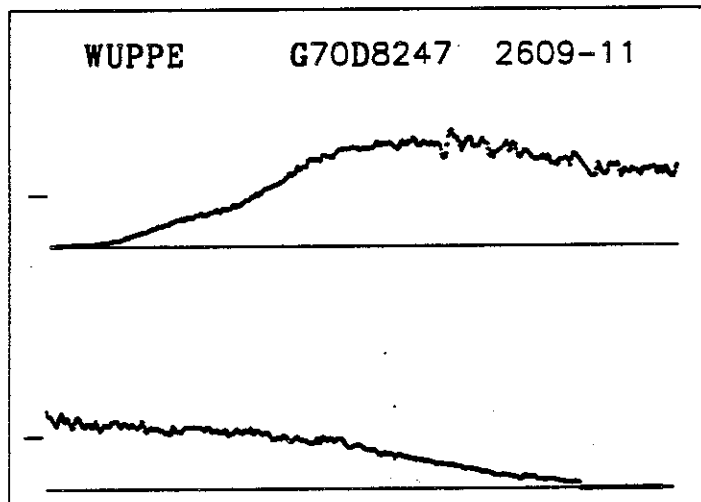
NAME G70D8247



SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	86	src sim	14	10	3.3	5	7	4	---	---	---	---	---		
4	P	W	146	fld	aut	13	11	2.8	2	2	---	---	---	---	FLDLOC	
5	U	25	DT	-	T	F	31	b1	-	-	-	-	-	-		
6	JAC	ITEM	16	0					16	W	WUP	ITEM	4	(Cur off)		
7		Config	H	W	U				17	W	WUP	ITEM	11	Z (Zoom)		
8									18	W	Chk	WUP	Stat	-LOC		
9	JAC	All	SETUP						19		All	BEGIN				
10	W	Chk	Stat	-LOC	CUR	RDY			20	JOB	Observe					
11		IMC	BEGIN						21	JAC	All	PREVIEW				
12		HUT	ITEM	5					22		All	QUIT				
13	W	*IF	WUP	acq	incorrect				23							
14	W	* WUP	PFK	cur	to target				24	JAC	ITEM	16_1				
15	W	* WUP	ITEM	6	(Cntr)											

OBJECT: 2609 G70D8247
KEYWORDS: Magnetic White Dwarf
COMMENTS:
White dwarf (~14,000) with very
high magnetic field (~500 MG)
~200

ID: 2609-11
Names: G70D8247 GRW
Type: DXP5
% Pol: 3
Pol Var: 0
Pos Ang: 20
Mechanism: magnetic dichroism
Comments: field up to 500 MG



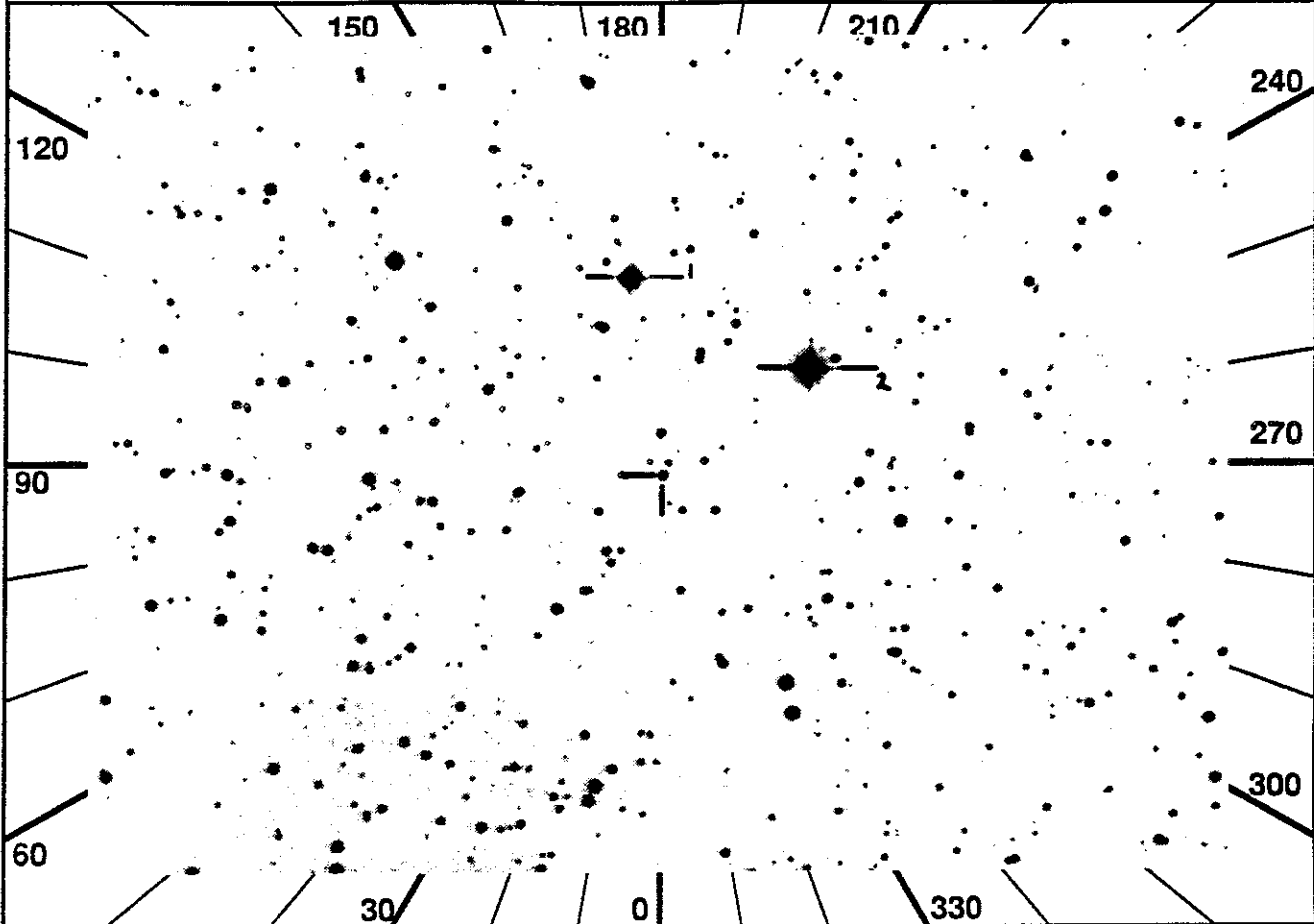
UIT
Observation Description

1 RA 285.1658 DEC 70.5903 ROLL 70.06

ID 2609-12

2 TIME 1694 MANOPS

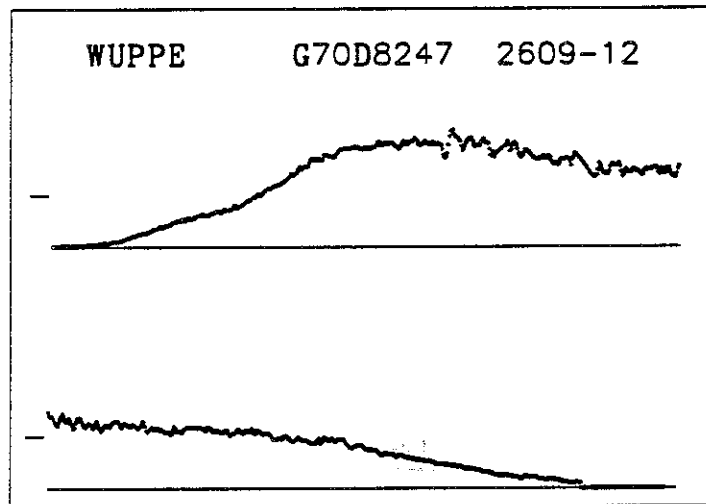
NAME G70D8247



SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	116	src sim	14	12	10	3.3	5	7	4	---	---	---	---		
4	P	W	146	fld aut	13	11	2.8		2	2	---	---	---	---	FLDLOC	
5	U	235	DT	-	T	F	31	a1	31	b5	-	-	-	-		
6	JAC	ITEM	16	0					16	W		WUP	ITEM	4	(Cur off)	
7		Config	H	W	U				17	W		WUP	ITEM	11	Z (Zoom)	
8		-----							18	W		Chk	WUP	Stat	-LOC	
9	JAC	All	SETUP						19			All	BEGIN			
10	W	Chk	Stat	-LOC	CUR	RDY			20	JOB	Observe					
11		IMC	BEGIN						21	JAC	All	PREVIEW				
12		HUT	ITEM	5					22		All	QUIT				
13	W	*IF	WUP	acq	incorrect				23		-----					
14	W	* WUP	PFK	cur	to	target			24	JAC	ITEM	16_1				
15	W	* WUP	ITEM	6	(Cntr)											

OBJECT: 2609 G70D8247
KEYWORDS: Magnetic White Dwarf
COMMENTS:
White dwarf (~14,000) with very
high magnetic field (~500 MG)
~100

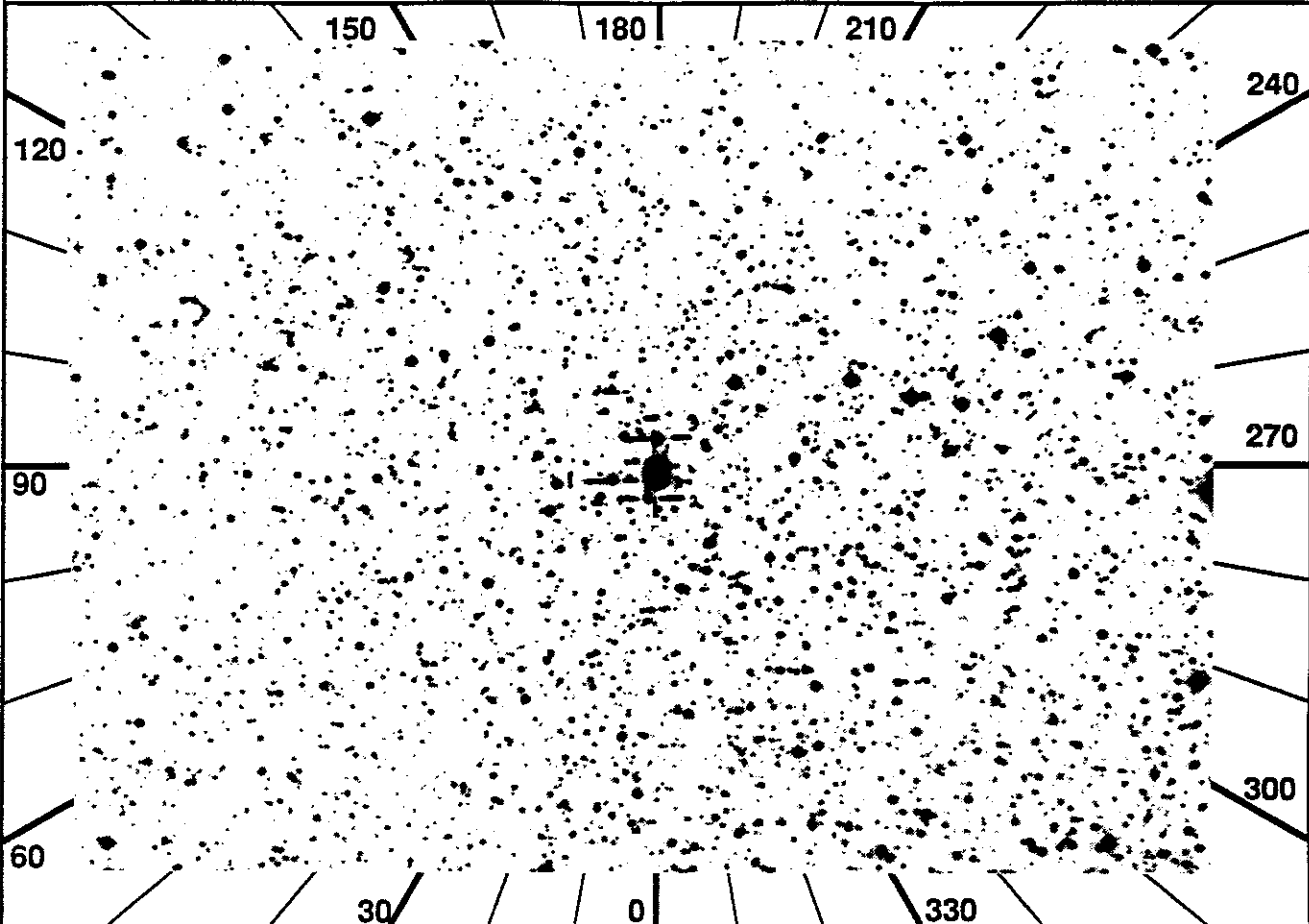
ID: 2609-12
Names: G70D8247 GRW
Type: DXP5
% Pol: 3
Pol Var: 0
Pos Ang: 20
Mechanism: magnetic dichroism
Comments: field up to 500 MG



UIT
Observation Description

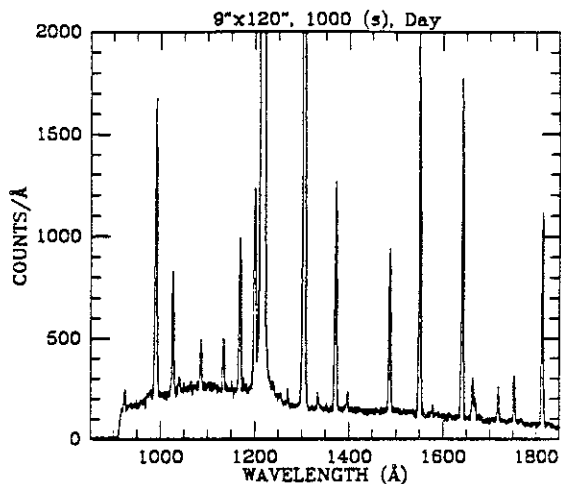
1 RA 305.0354 DEC 19.9442 ROLL 17.00
 2 TIME 416

ID 2706-11
 NAME NGC6905

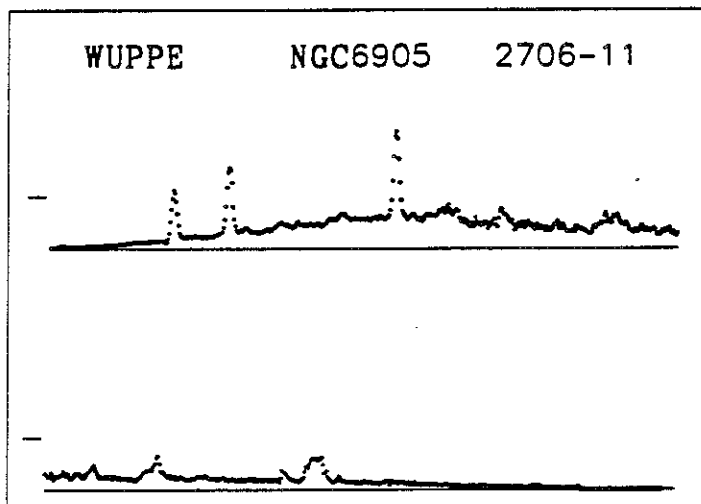


SEQ	LOC OBS	MAG	LGR D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H 140	src sim	15 12	4.0	5	2 1	---	---	---	---	---	---		
4	W 147	ncn ngd	14 10	2.8		2 2	---	---	---	---	---	---	FNTLOC	
5	U 37	DT -	T F	31 b5										
6	JAC	ITEM 16 0				19	W			*	Config without WUP			
7		Config H W U				20				All	BEGIN			
8		-----				21	W			*IF	WUP Deconfig			
9	JAC	All SETUP				22	W			*	WUP ITEM 11 F +1			
10	W	Chk Stat -LOC -CUR RDY				23	W			*	Cur/ITEM 6 in fld, zm			
11		IMC BEGIN				24	W			*	WUP ITEM 4 (Cur off)			
12		HUT ITEM 5				25	W			*	WUP ITEM 7 (Begin)			
13	W	WUP tgt= HUT faint star				26	W			*	Config with WUP			
14	W	*IF WUP target visible				27		JOB	Observe					
15	W	* WUP PFK cur to target				28		JAC	All PREVIEW					
16	W	* WUP ITEM 6 (Cntr)				29			All QUIT					
17	W	* WUP ITEM 4 (Cur off)				30			-----					
18	W	*ELSE				31		JAC	ITEM 16_1					

OBJECT: 2706 NGC-6905
KEYWORDS: Planetary Nebula/Central Star
COMMENTS:
Target includes bright emission line
nebulousity and faint (V~15) central
star. Star is type O VI and may
have bright O VI emission at 1035.



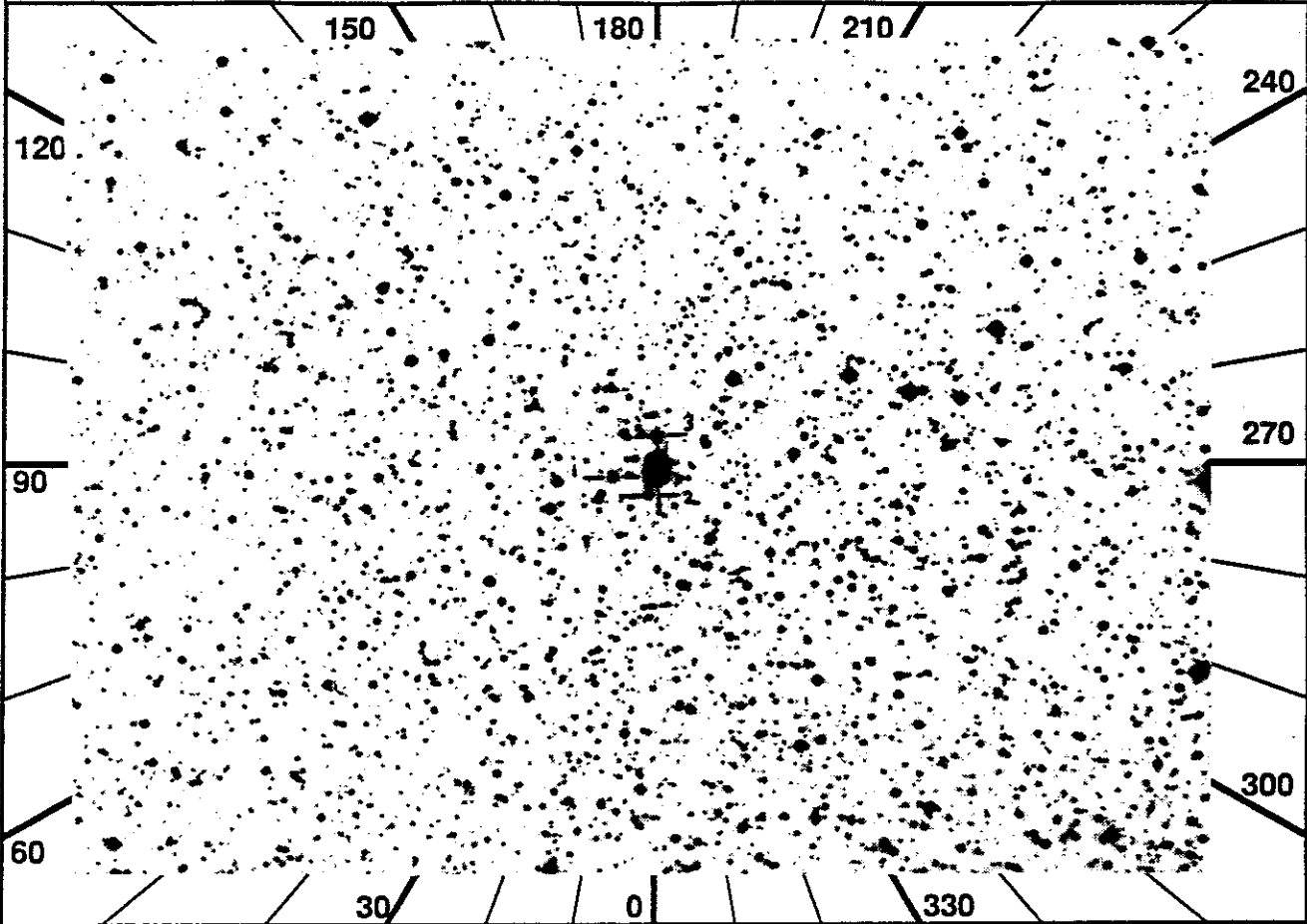
ID: 2706-11
Names: NGC6905
Type: PN
Pol: ?
Pos Ang: ?
Comments: observe central
star only; obs too short
for planetary nebula; this
is first pointing, IPS
is prime (HUT).



UIT
Observation Description

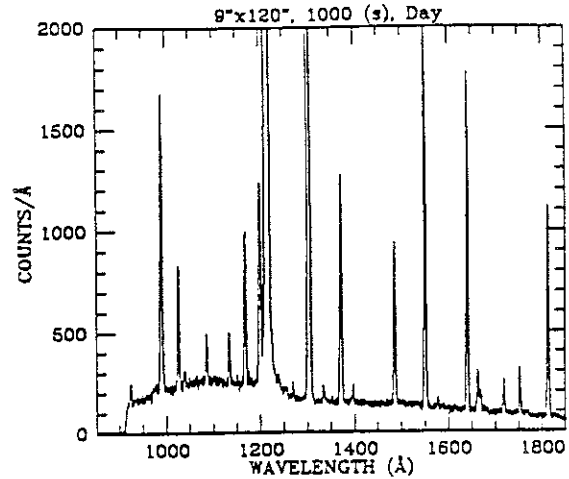
1 RA 305.0354 DEC 19.9442 ROLL 17.00
 2 TIME 444

ID 2706-12
 NAME NGC6905

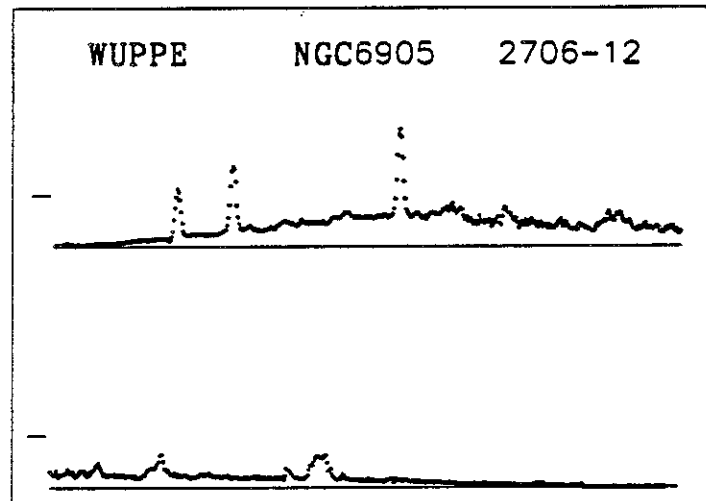


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	S H	247	src sim	15	12	4.0	5	2	1	---	---	---	---	---		
4	W	147	ncn ngd	14	10	2.8		2	2	---	---	---	---	---	FNTLOC	
5	U	209	DT -	T F	31	a2	31	a5								
6	JAC	ITEM 16 0					19	W	* Config without WUP							
7		Config H W U					20		All BEGIN							
8		-----					21	W	*IF WUP Deconfig							
9	JAC	All SETUP					22	W	* WUP ITEM 11 F +1							
10	W	Chk Stat -LOC -CUR RDY					23	W	* Cur/ITEM 6 In fld, zm							
11		IMC BEGIN					24	W	* WUP ITEM 4 (Cur off)							
12		HUT ITEM 5					25	W	* WUP ITEM 7 (Begin)							
13	W	WUP tgt= HUT faint star					26	W	* Config with WUP							
14	W	*IF WUP target visible					27		JOB Observe							
15	W	* WUP PFK cur to target					28	JAC	All PREVIEW							
16	W	* WUP ITEM 6 (Cntr)					29		All QUIT							
17	W	* WUP ITEM 4 (Cur off)					30		-----							
18	W	*ELSE					31	JAC	ITEM 16_1							

OBJECT: 2706 NGC 6905
KEYWORDS: Planetary Nebula/Central Star
COMMENTS:
Target includes bright emission line
nebosity and faint (V~15) central
star. Star is type O VI and may
have bright O VI emission at 1035.



ID: 2706-12
Names: NGC6905
Type: PN
Pol: ?
Pos Ang: ?
Comments: observe central
star only; obs too short
for planetary nebula; this
is second pointing, IPS
is secondary (HUT).



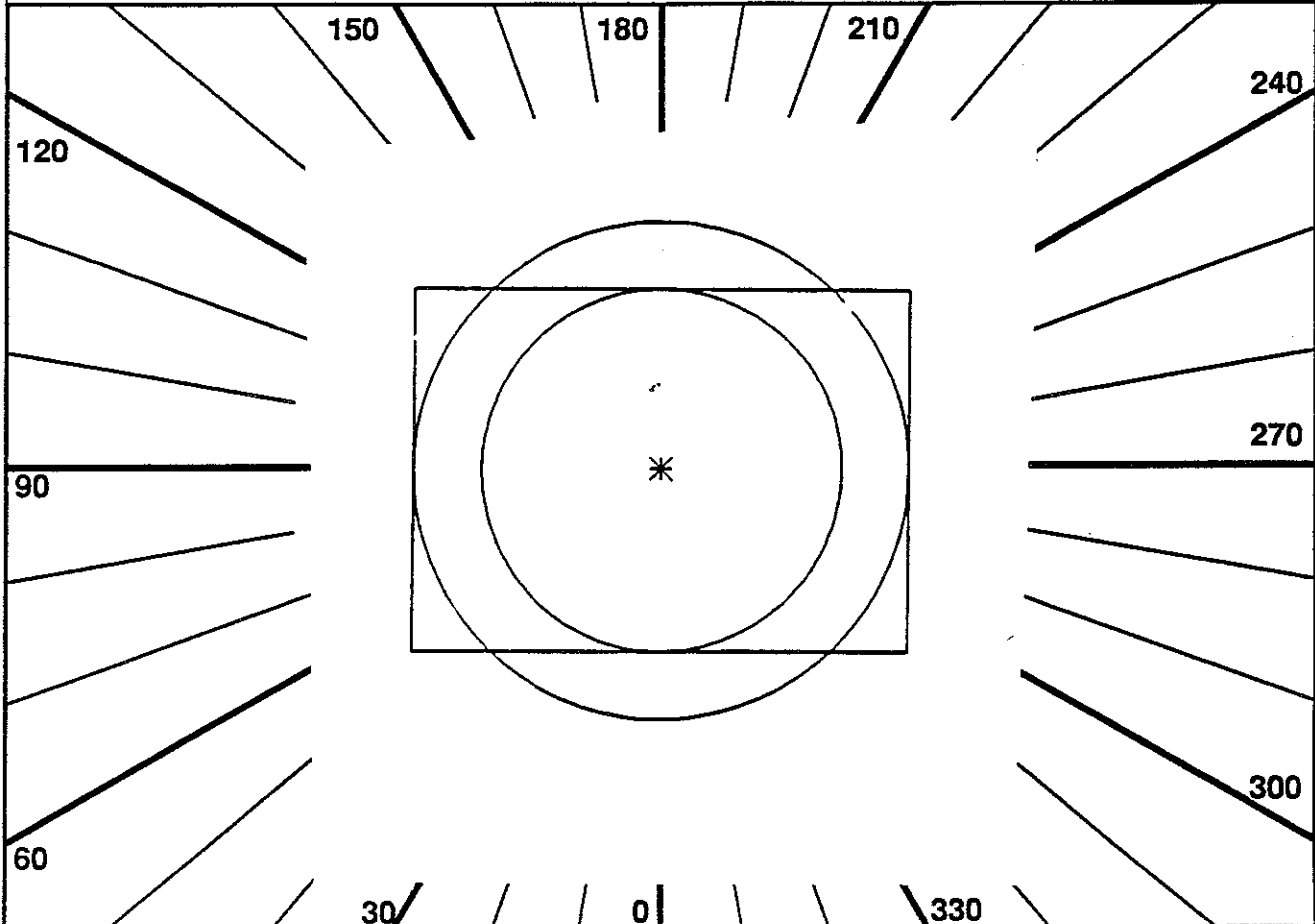
UIT
Observation Description

1 RA 218.9675 DEC -60.6203 ROLL 55.20

ID 2805-11

2 TIME 4200 MANOPS

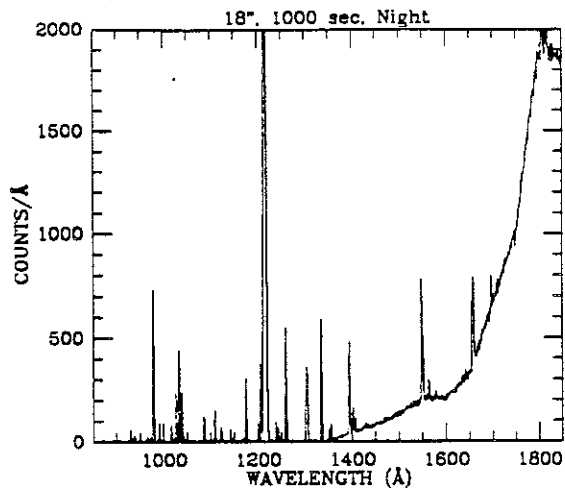
NAME ALF-CENA



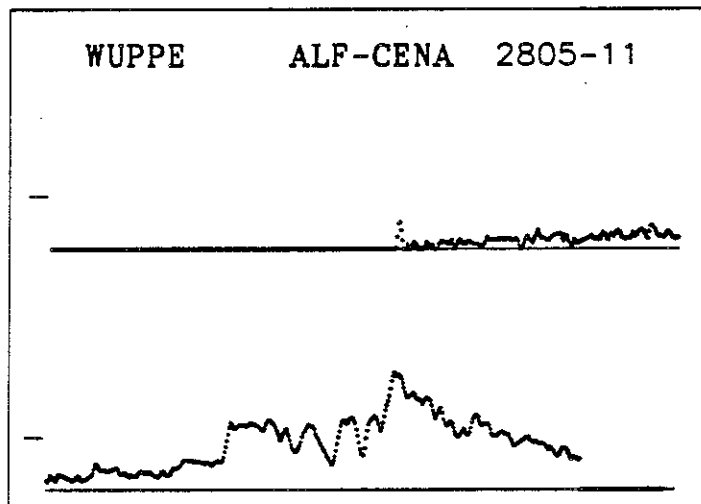
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2	
3	P H	41	src sim	1	1	3.6	5	7	1	---	---	---	---	---	SPEC1	ACQ1	
4	W	149	nlc aut	-2	2	6.1		8	6	---	---	---	---	---	BRIGHT		
5	U	99	DT -	T F	-	-	-	-	-	-	-	-	-	-	V-BRT		
6	H	HMH	As early as possible				22										
7	H		ITEM 79_25 (set delta X)				23	W									
8	H		ITEM 83 (start mirror)				24	W									
9	U		(At beginning of slew)				25										
10	U	UAC	*IF UIT Door O*				26	W									
11	U		* ITEM 44, Chk Door C*				27	W									
12	U		Expect UIT SET, OBS err				28	W									
13	H	HMH	When motions complete				29	H	-								
14	H		ITEM 76_0 (set focus)				30		JOB								
15	JAC		ITEM 16_0				31		JAC								
16			Config H W U				32										
17			-----				33										
18	JAC		All SETUP				34		JAC								
19	H	TV	Src briter of 20" double				35	U									
20	J	JAC	Chk Stat -LOC -PAU STB				36	U	UAC								
21			IMC BEGIN				37	U									

focus on A
 MAKE SURE SOURCE IS
 BRIGHTER STAR (NOTE DIRECTION RAK)

OBJECT: 2805 ALF-CENA
KEYWORDS: Coronal star, spec focus
COMMENTS:
Pointings 2805-11, 2805-12 used for spectrograph focus--line profiles.
Alf-Cen A is brighter, more NW of the pair. Science pointing 2805-20 will offset to Alf-Cen B after 1000 seconds. Expect rate to drop.

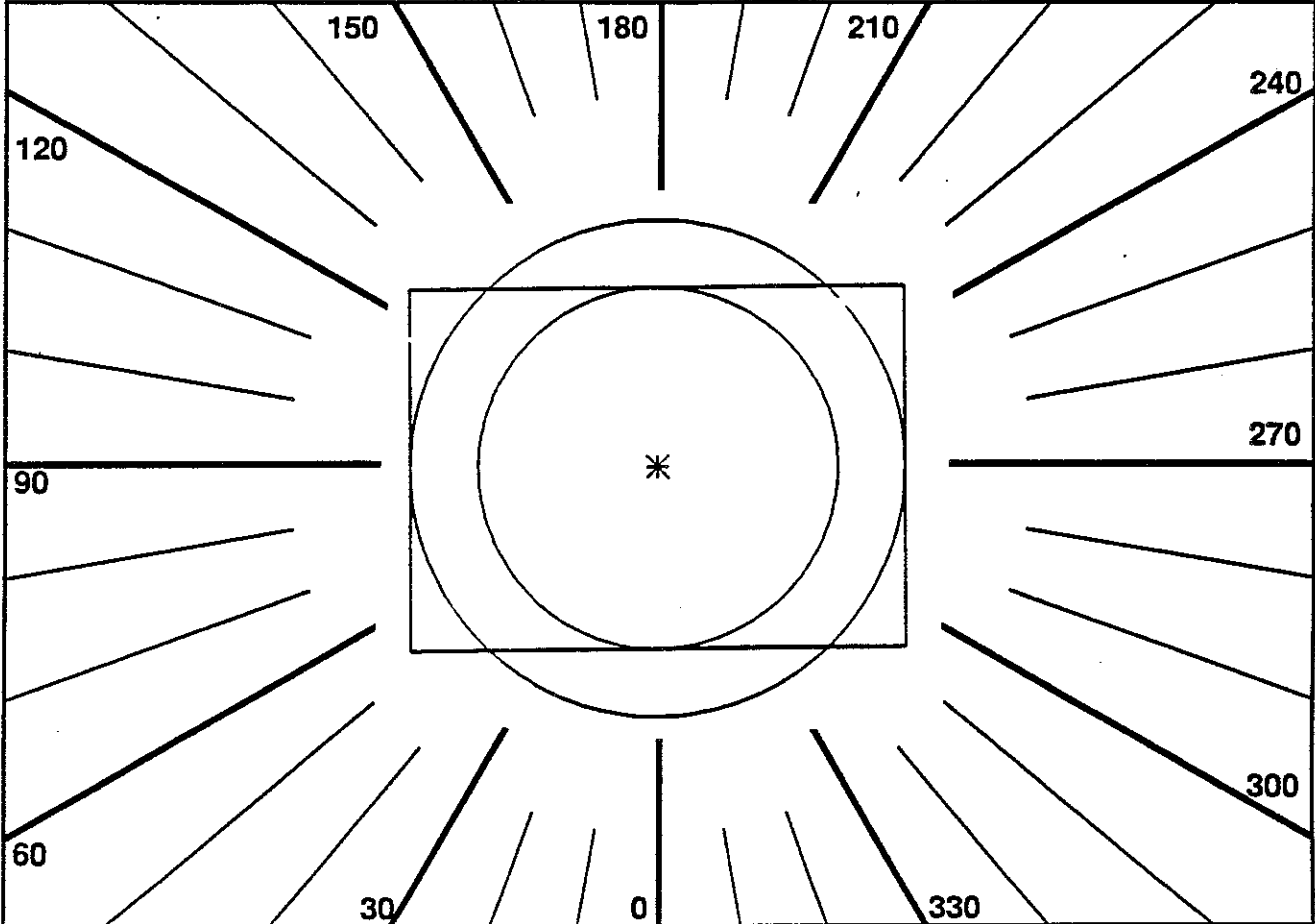


ID: 2805-11
Names: ALF-CENA HD128620
Type: G2 V
% Pol: 0.0
Pos Ang: 135.0
Comments: HUT calibration star; CAUTION: too brt for ZOD - safe ZOD after acq; double * with mag diff=1.4, sep=20.9 arcsec.
NOTE: DETECTOR IN FAST MODE- DO NOT EXPECT ON-LINE SPECTRUM.



UIT
Observation Description

1 RA 218.9675 DEC -60.6203 ROLL 55.20 ID 2805-12
 2 TIME 4391 MANOPS NAME ALF-CENA



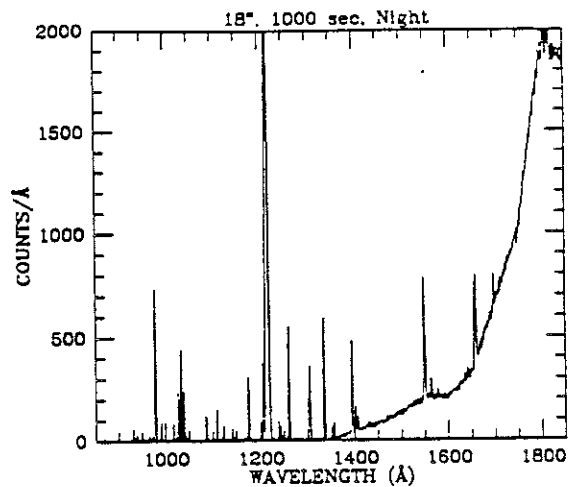
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P	H	42	src	sim	1	1	3.6	5	7	1	---	---	---	SPEC2	ACQ1
4	W	149	nlc	aut	-2	2	6.1	8	6	---	---	---	---	---	BRIGHT	
5	U	99	DT	-	T	F	-	-	-	-	-	-	-	-	V-BRT	
6	H	HMH	As early as possible			26	W	Chk WUP acq marks								
7	H		ITEM 80_3251 (or _____)			27		All BEGIN								
8	H		ITEM 81_4005 (or _____)			28	W	Chk WUP Stat OBS								
9	H		ITEM 82_4556 (or _____)			29	W	WUP ITEM 12 -2 (ZOD off)								
10	H		ITEM 83_ (start mirror)			30	W	Expect ZOD SIG err								
11	U		(At beginning of slew)			31	H	Perform HUT F05C								
12	U	UAC	*IF UIT Door O*			32		JOB Observe								
13	U		* ITEM 44, Chk Door C*			33	JAC	All PREVIEW								
14	U		Expect UIT SET,OBS err			34		All QUIT								
15	H	HMH	When motions complete			35		-----								
16	H		ITEM 76_0 (set focus)			36	JAC	ITEM 16_1								
17		JAC	ITEM 16_0			37	H	HMH	ITEM 80_3049 (or _____)							
18			Config H W U			38	H		ITEM 81_3803 (or _____)							
19			-----			39	H		ITEM 82_4354 (or _____)							
20		JAC	All SETUP			40	H		ITEM 83_ (start mirror)							
21	H	TV	Src briter of 20" double			41	H		When motions complete							
22	J	JAC	Chk Stat -LOC -PAU STB			42	H		ITEM 76_0 (set focus)							
23			IMC BEGIN			43	U		(During slew)							
24			HUT ITEM 5			44	U	UAC	*IF next obj not V-BRT							
25	W		WUP ITEM 12_0 (ZOD on)			45	U		* ITEM 43, Chk Door O*							

JA-682

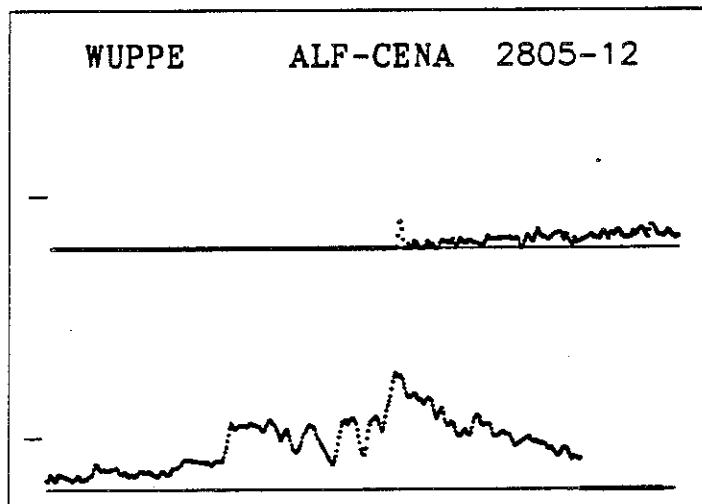
MAKE SURE SOURCE IS 2-95
 BRIGHTER STAR (NOTE DIRECTION RAK)
 focus on A

TGT/ASTRO1/FINAL

OBJECT: 2805 ALF-CENA
KEYWORDS: Coronal star, spec focus
COMMENTS:
Pointings 2805-11, 2805-12 used for spectrograph focus--line profiles.
Alf-Cen A is brighter, more NW of the pair. Science pointing 2805-20 will offset to Alf-Cen B after 1000 seconds. Expect rate to drop.



ID: 2805-12
Names: ALF-CENA HD128620
Type: G2 V
Pol: 0.0
Pos Ang: 135.0
Comments: HUT calibration star; CAUTION: too brt for ZOD - safe ZOD after acq; double * with mag diff=1.4, sep=20.9 arcsec.
NOTE: DETECTOR IN FAST MODE- DO NOT EXPECT ON-LINE SPECTRUM.



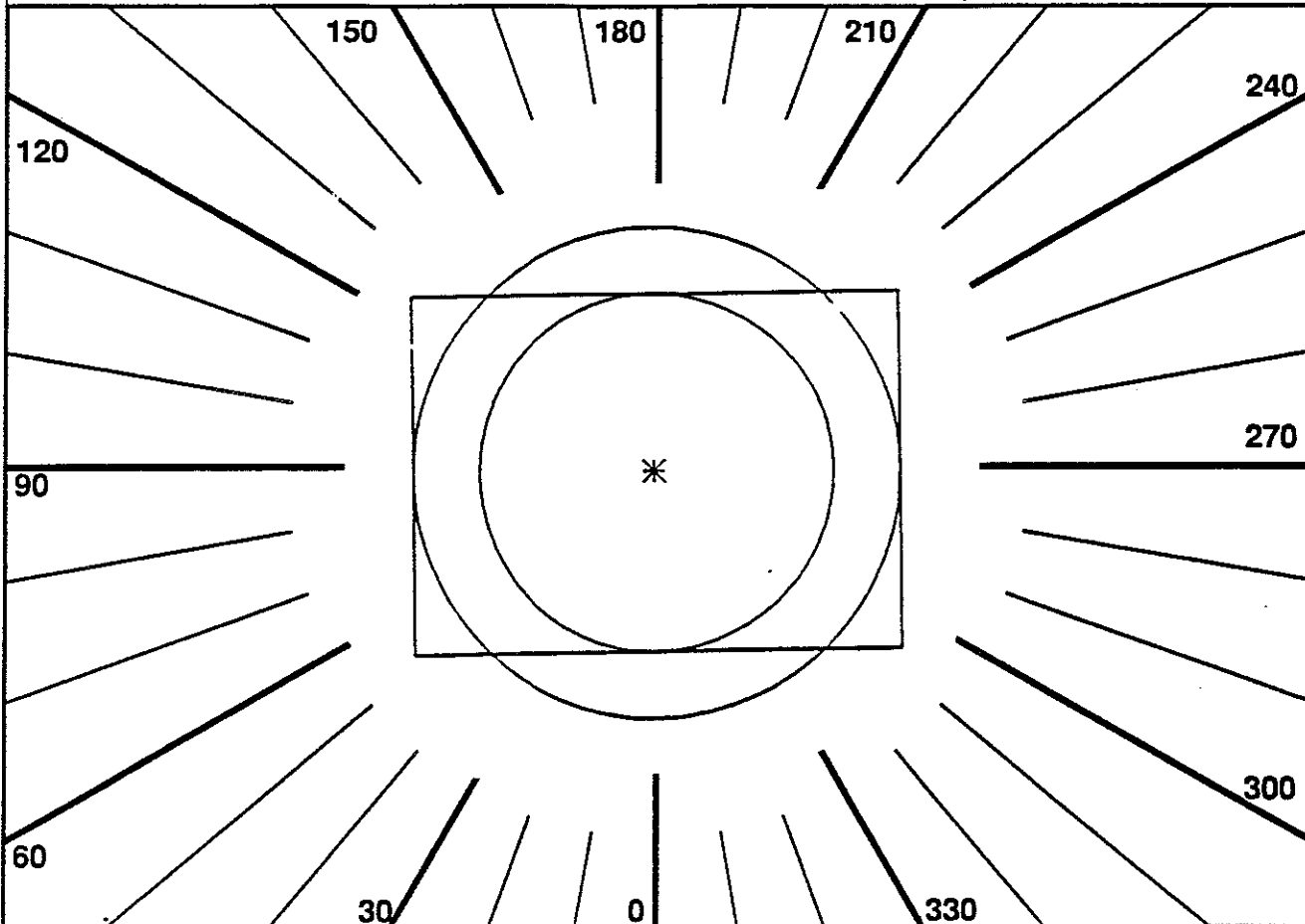
UIT
Observation Description

1 RA 218.9675 DEC -60.6203 ROLL 325.20

ID 2805-20

2 TIME 2010 MANOPS

NAME ALF-CENA



SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	51	src off	1	1	3.6	5	7	4	0	7	4	20	- - - -	ALFCEN	
4	W	149	nlc aut	-2	2	6.1		8	6	- - - -	- - - -	- - - -	- - - -	- - - -	BRIGHT	
5	U	236	DT -	T F	31	b1	31	b5	-	-	-	-	-	-		

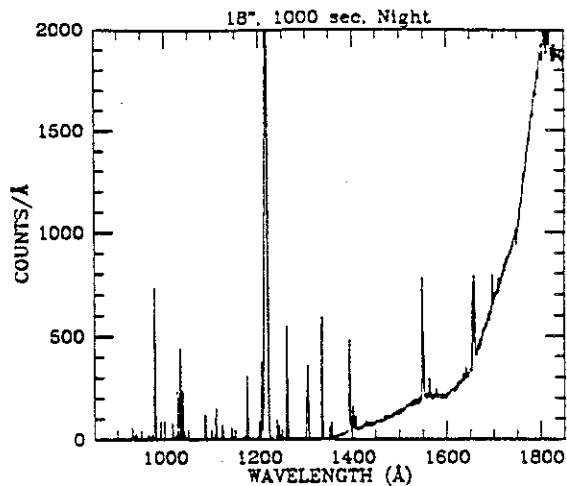
6	JAC	ITEM 16 0		17	W	Chk WUP Stat OBS
7		Config H W U		18	W	WUP ITEM 12 -2 (ZOD off)
8		-----		19	W	Expect ZOD SIG err
9	JAC	All SETUP		20	H TV	HUT will offset to B
10	H TV	Src briter of 20" double		21	H	(fainter) after 1000 sec
11	W JAC	Chk Stat -LOC -PAU RDY		22		JOB Observe
12		IMC BEGIN		23	JAC	All PREVIEW
13		HUT ITEM 5		24		All QUIT
14	W	WUP ITEM 12_0 (ZOD on)		25		-----
15	W	Chk WUP acq marks		26	JAC	ITEM 16_1
16		All BEGIN				

SOURCE IS BRIGHTER STAR OF DOUBLE (RAK NOTE DIRECTION)

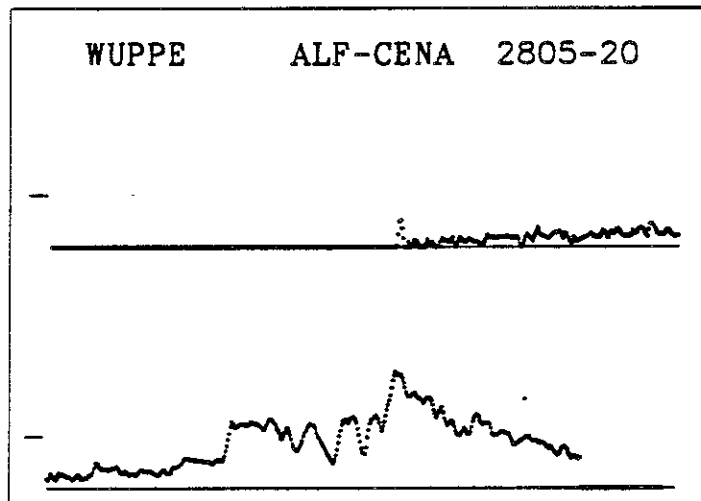
A and offset to B

1

OBJECT: 2805 ALF-CENA
KEYWORDS: Coronal star, spec focus
COMMENTS:
Pointings 2805-11, 2805-12 used for spectrograph focus--line profiles.
Alf-Cen A is brighter, more NW of the pair. Science pointing 2805-20 will offset to Alf-Cen B after 1000 seconds. Expect rate to drop.



ID: 2805-20
Names: ALF-CENA HD128620
Type: G2 V
% Pol: 0.0
Pos Ang: 135.0
Comments: HUT calibration star; CAUTION: too brt for ZOD - safe ZOD after acq; double * with mag diff=1.4, sep=20.9 arcsec.
NOTE: DETECTOR IN FAST MODE- DO NOT EXPECT ON-LINE SPECTRUM.



UIT
Observation Description