

20" aperture, 1000(s), Day

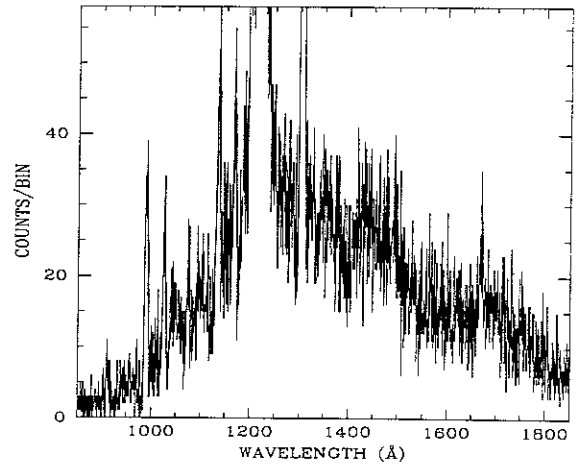
OBJECT: 6101-10 NGC0185

KEYWORDS: Elliptical Galaxy

COMMENTS:

This galaxy is faint. Place the 20" slit in the center of the galaxy. Using guide star locate mode.

HUTSIM is done by Kurucz model.



ID: 6102-1 U=Prime SciPgm= U10

Names: NGC0185

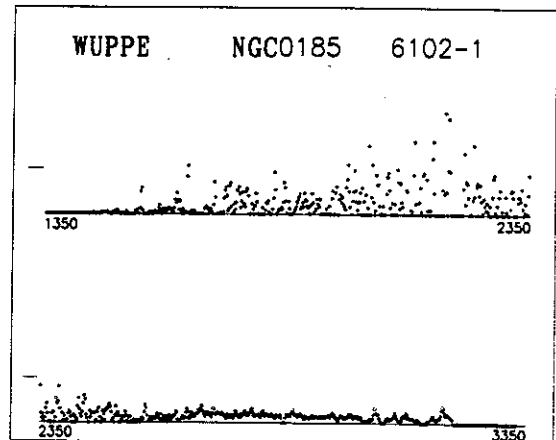
Info: V= Wupmag=13.7

% Pol:

Pos Ang:

Mechanism: None expected

Comments:

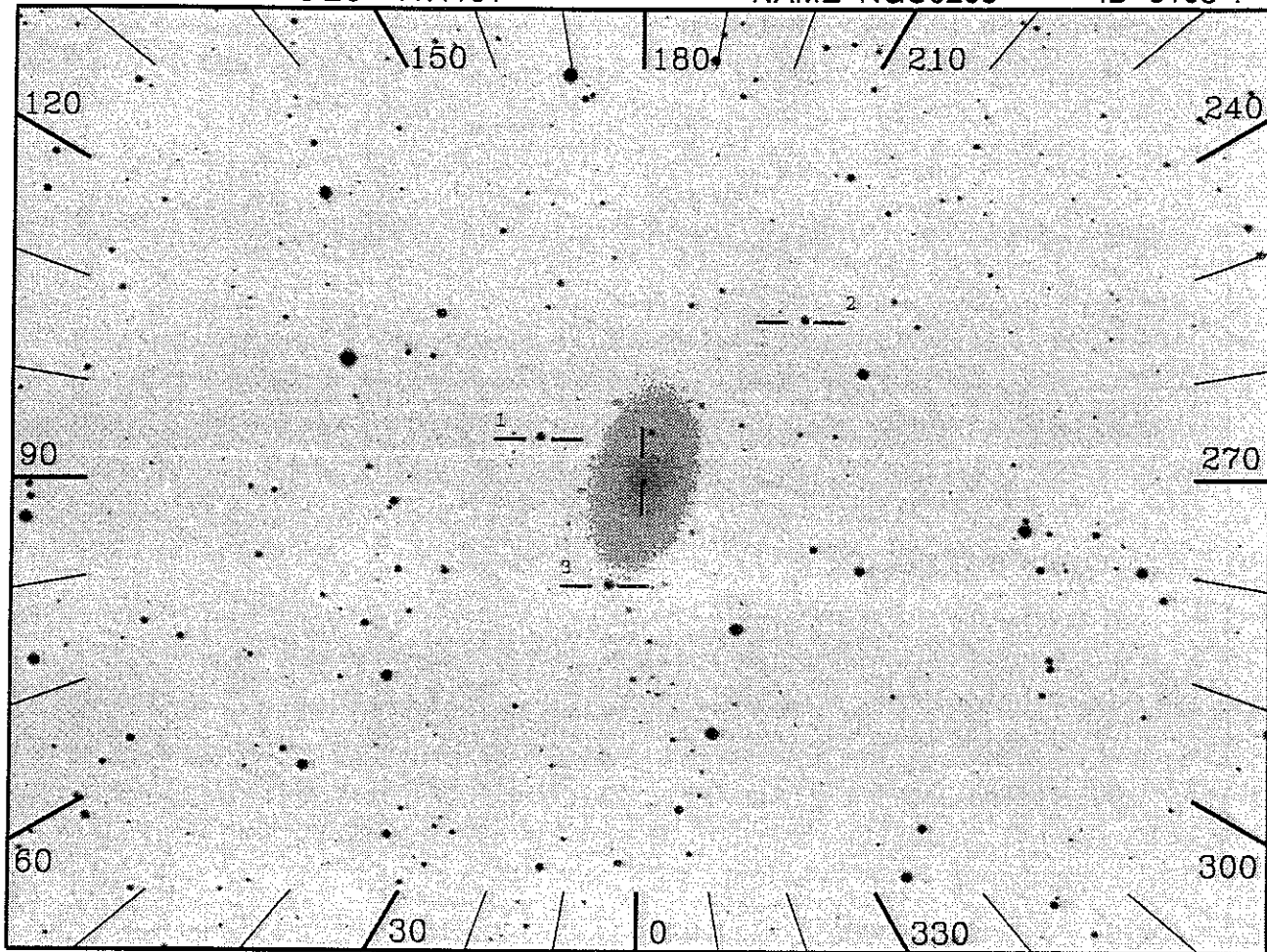


RA 9.4092

DEC 41.4161

NAME NGC0205

ID 6103-1



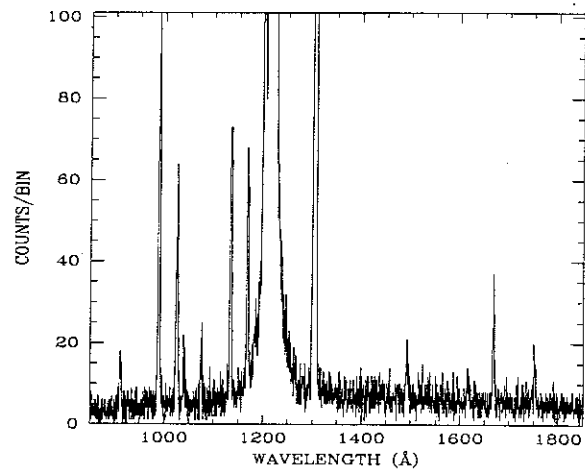
11x60", 1000(s), Day

OBJECT: 6103 NGC0205

KEYWORDS: elliptical galaxy, star formation

COMMENTS:

The dE companion to M31 has active star formation in the center. Center on the nucleus to get an integrated spectrum of the stellar population.



ID: 6103-1 U=Prime SciPgm= U10

Names: NGC0205 M110

Info: E V= Wupmag=13.7

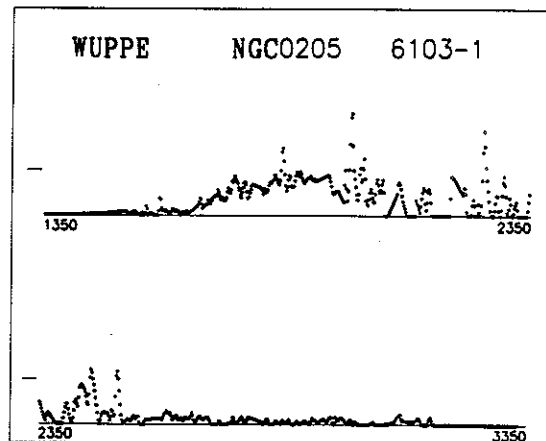
% Pol:

Pos Ang:

Mechanism:

Comments:

Nucleus spectrum.

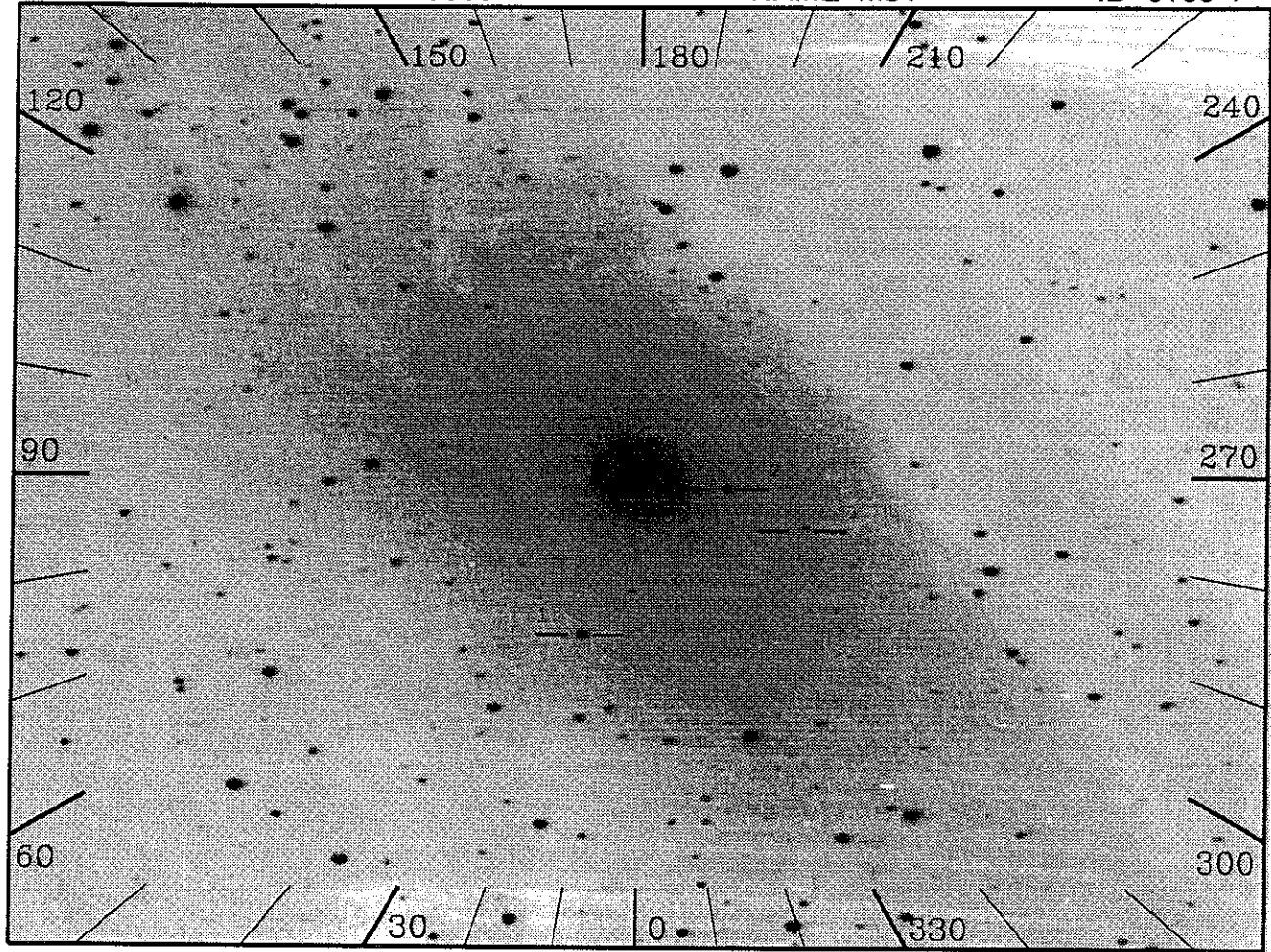


RA 10.0029

DEC 40.9950

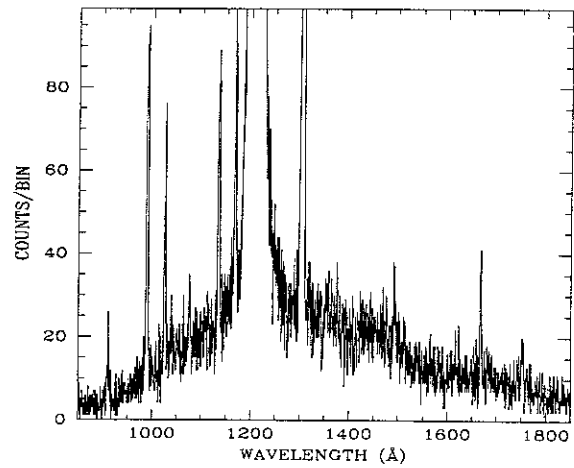
NAME M31

ID 6105-1

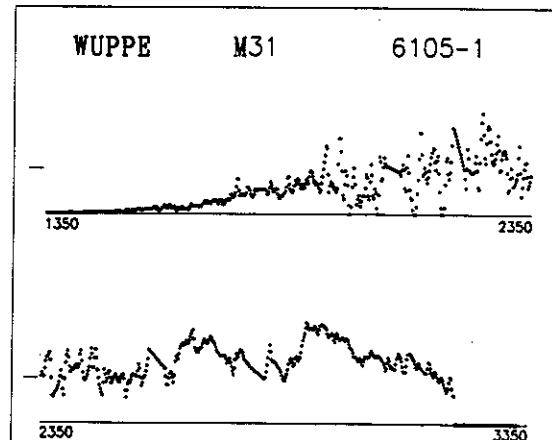


11x60", 1000(s), Day

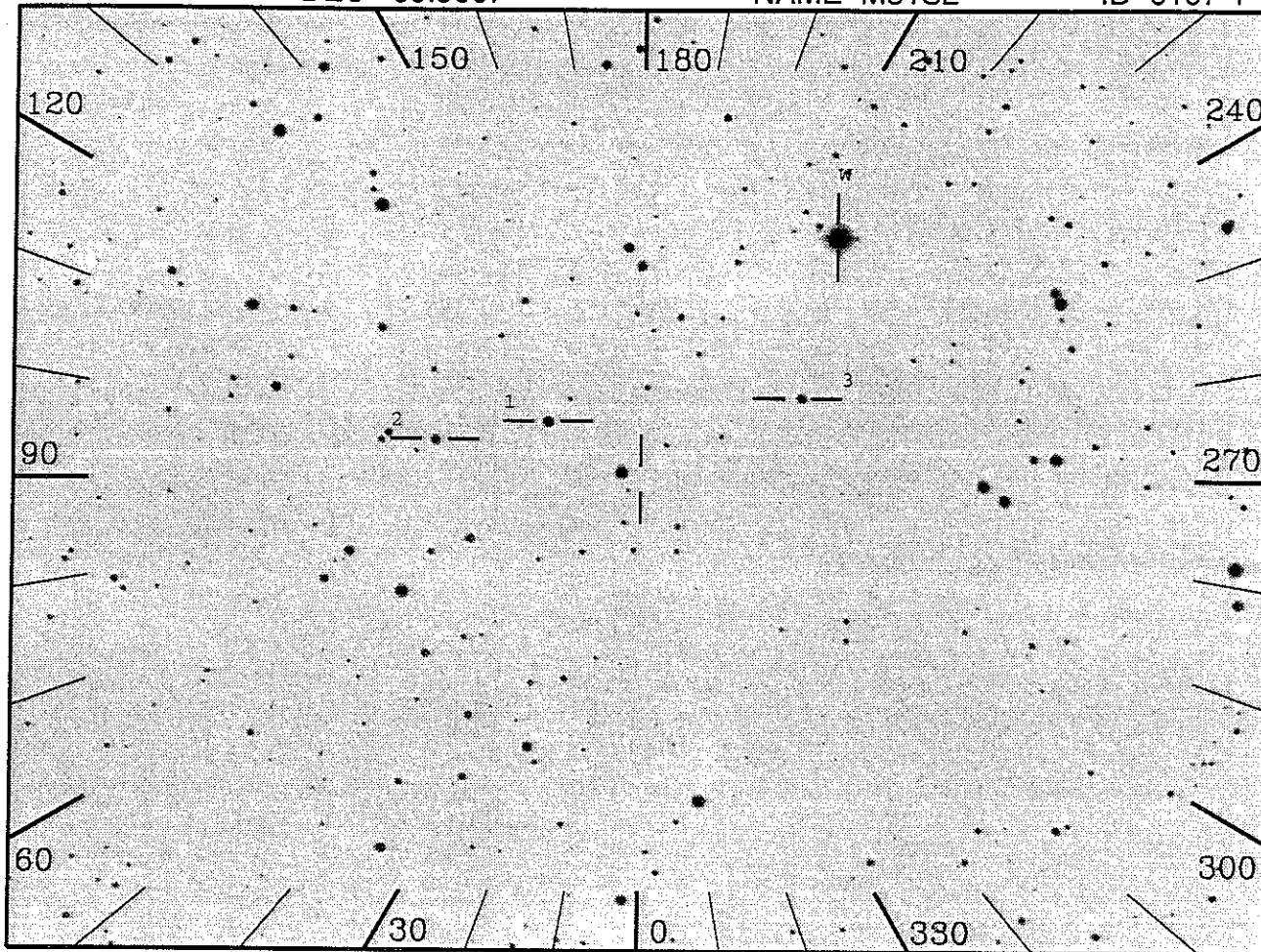
OBJECT: 6105 M31 (NGC224)
 KEYWORDS: spiral galaxy bulge
 COMMENTS:
 HUT slit should be centered on the nucleus to
 get an integrated spectrum of the stellar population
 of the bulge.



ID: 6105-1 U=Prime SciPgm= U10
 Names: M31 NGC0224
 Info: Sb V= Wupmag=13.4
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 Nucleus spectrum.

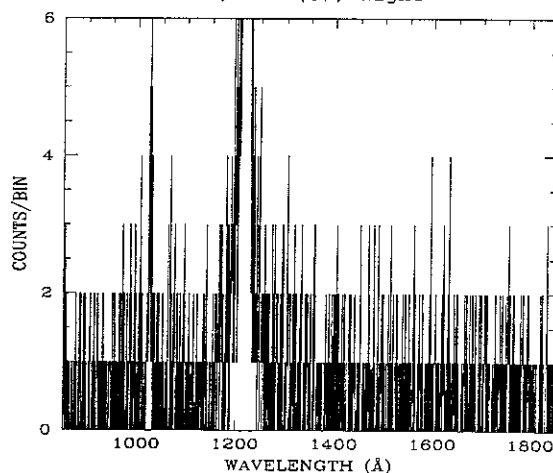


RA 8.7792 DEC 39.9667 NAME M31S2 ID 6107-1

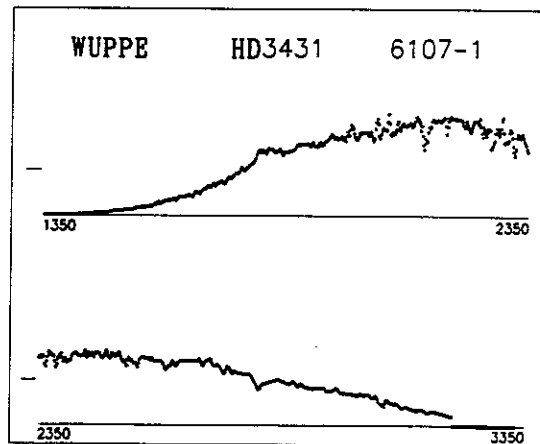


20", 1000(s), Night

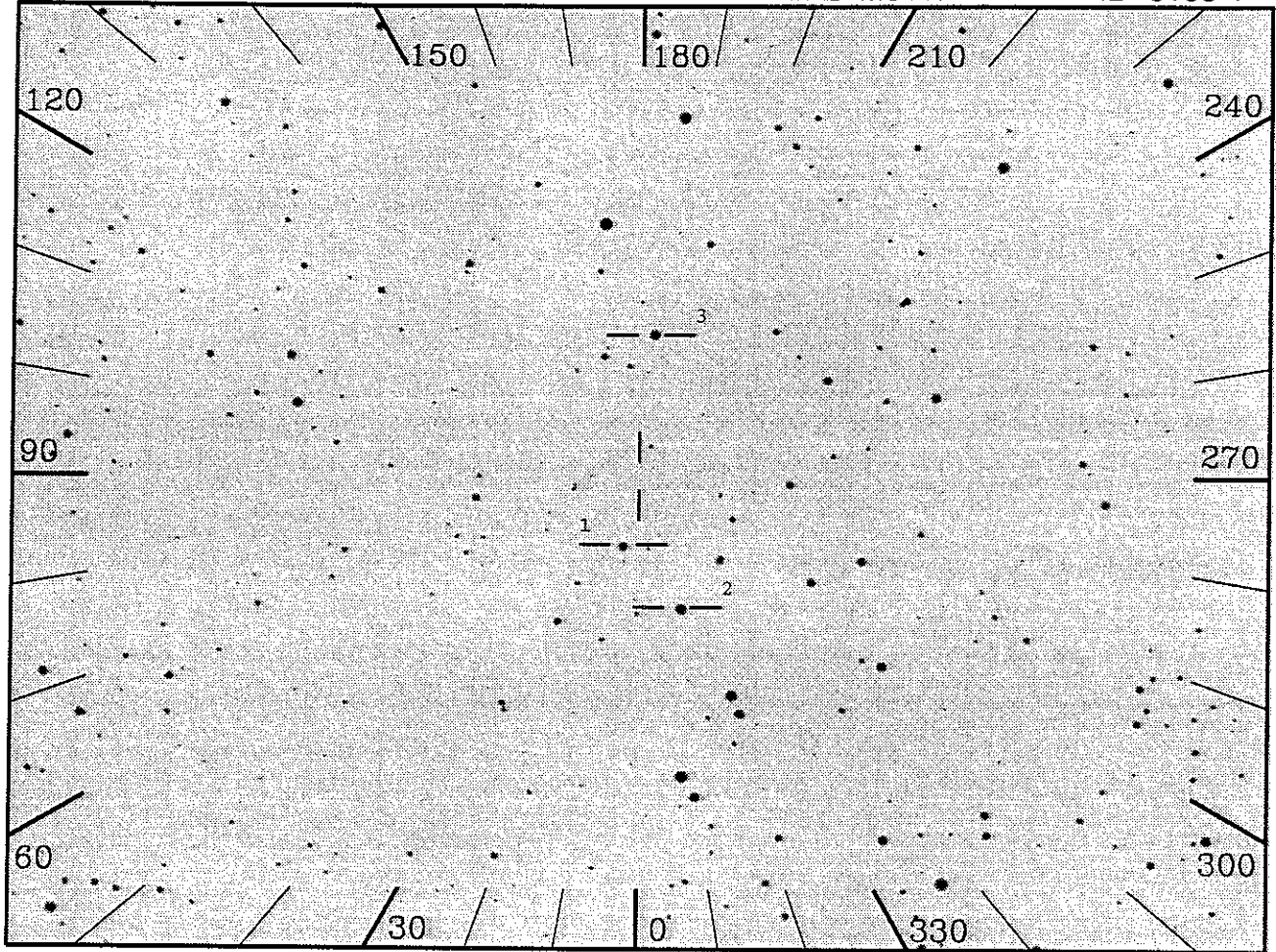
OBJECT: 6107 M31S2
 KEYWORDS: galaxies field
 COMMENTS:
 South field of Galaxy M31.
 This is an airglow pointing.



ID: 6107-1 U=Prime SciPgm= U10
 Names: M31S2
 Info: V= Wupmag=13.4
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 NOTE: WUPPE OFFSET TARGET
 WUP is offsetting to HD3431
 Info: A0 V= 6.86 Wupmag=6.52
 B-V=.02, U-B=.02, V pol=.39%, V PA=83.
 IUE data used for simulated spectrum is
 that of 109-Vir (2408).

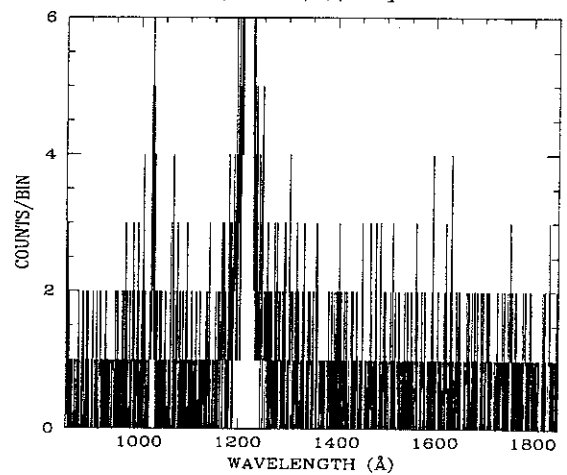


RA 9.3575 DEC 40.9106 NAME M31W ID 6108-1

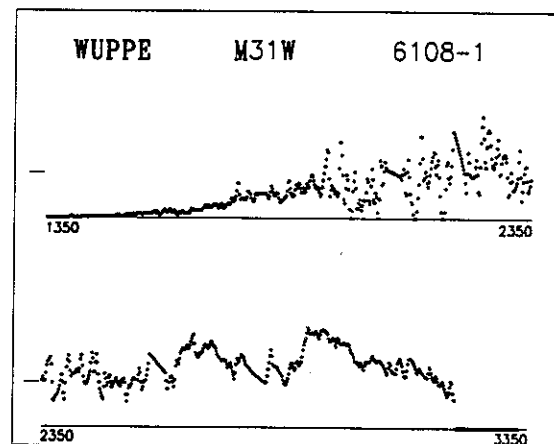


20", 1000(s), Day

OBJECT: 6108 M31W
 KEYWORDS: galaxies field
 COMMENTS:
 West field of M31 galaxy.
 This is a faint field.
 HUTSIM is done by Kurucz model.



ID: 6108-1 U=Prime SciPgm= U10
 Names: M31W
 Info: V= Wupmag=13.4
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 IUE data used for simulated spectrum is
 that of M31 (6105).

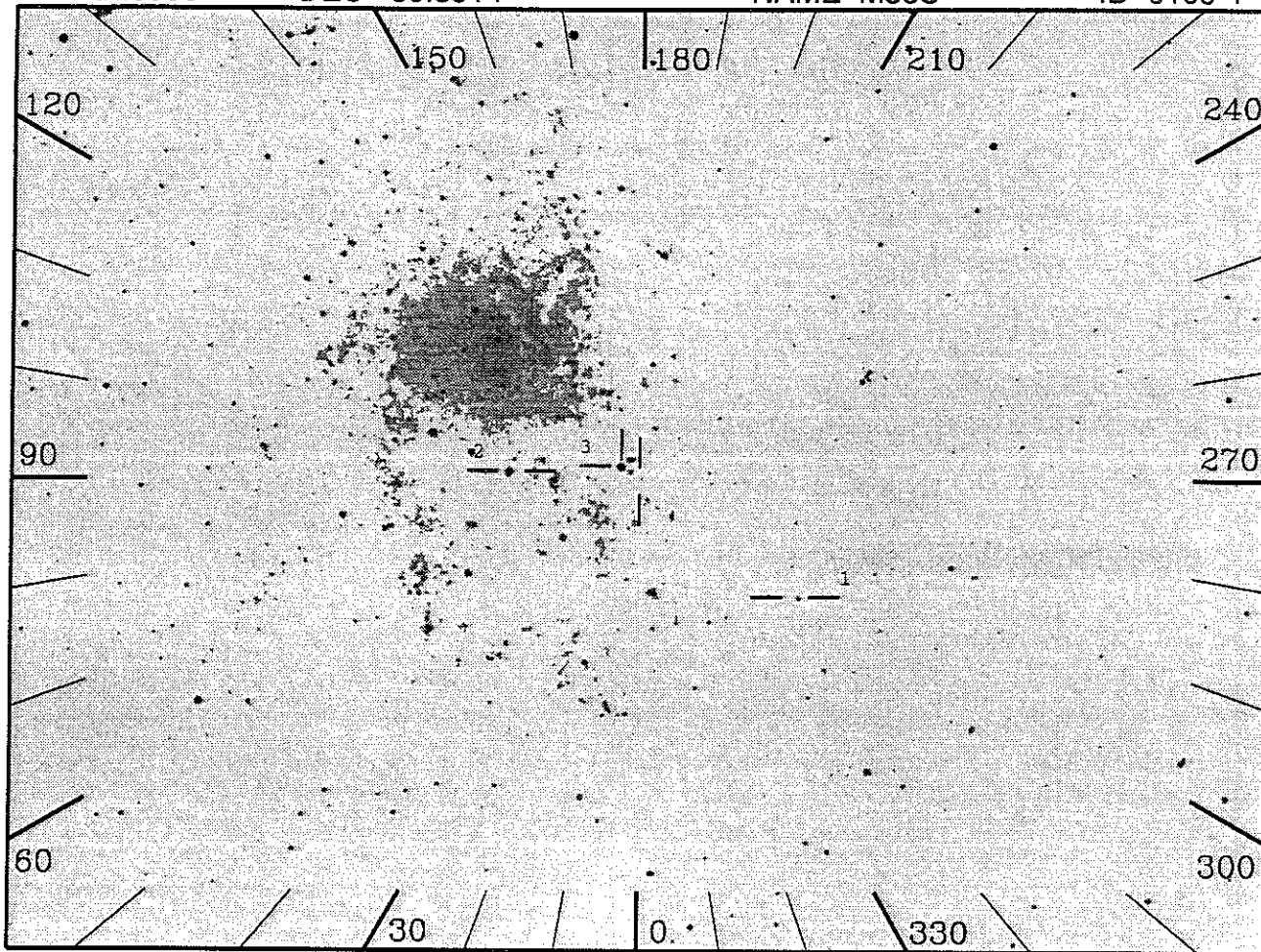


RA 22.6950

DEC 30.3514

NAME M33S

ID 6109-1



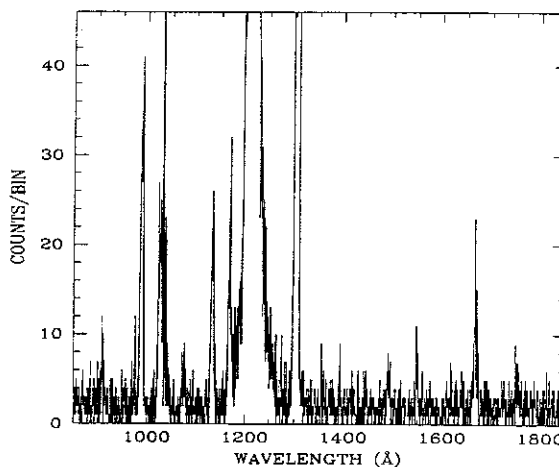
20", 1000(s), Day

OBJECT: 6109 M33S

KEYWORDS: Supernova Remnant

COMMENTS:

The supernova remnant M33-8 should show emission lines at 977, 1034 and 1550 Angstroms as well as fainter lines. If pointing appears to be stable, the 12" slit would greatly decrease the airglow contamination of the spectrum.



ID: 6109-1 U=Prime SciPgm= U10

Names: M33S

HUT=SNR35

Info: V= Wupmag=12.6

% Pol:

Pos Ang:

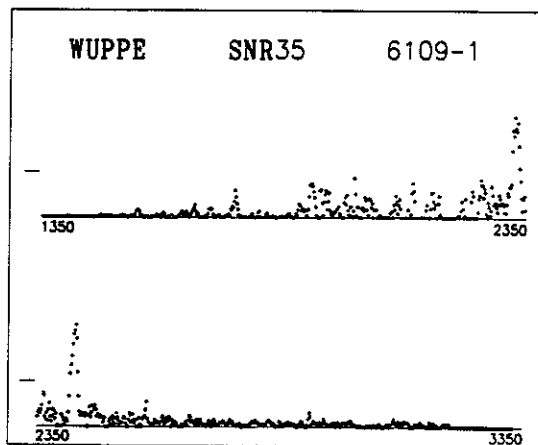
Mechanism:

Comments:

HUT & WUP will observe SNR35.

M33 observed during Astro-1.

IUE data used for simulated spectrum is that of the Cygnus Loop (4413).

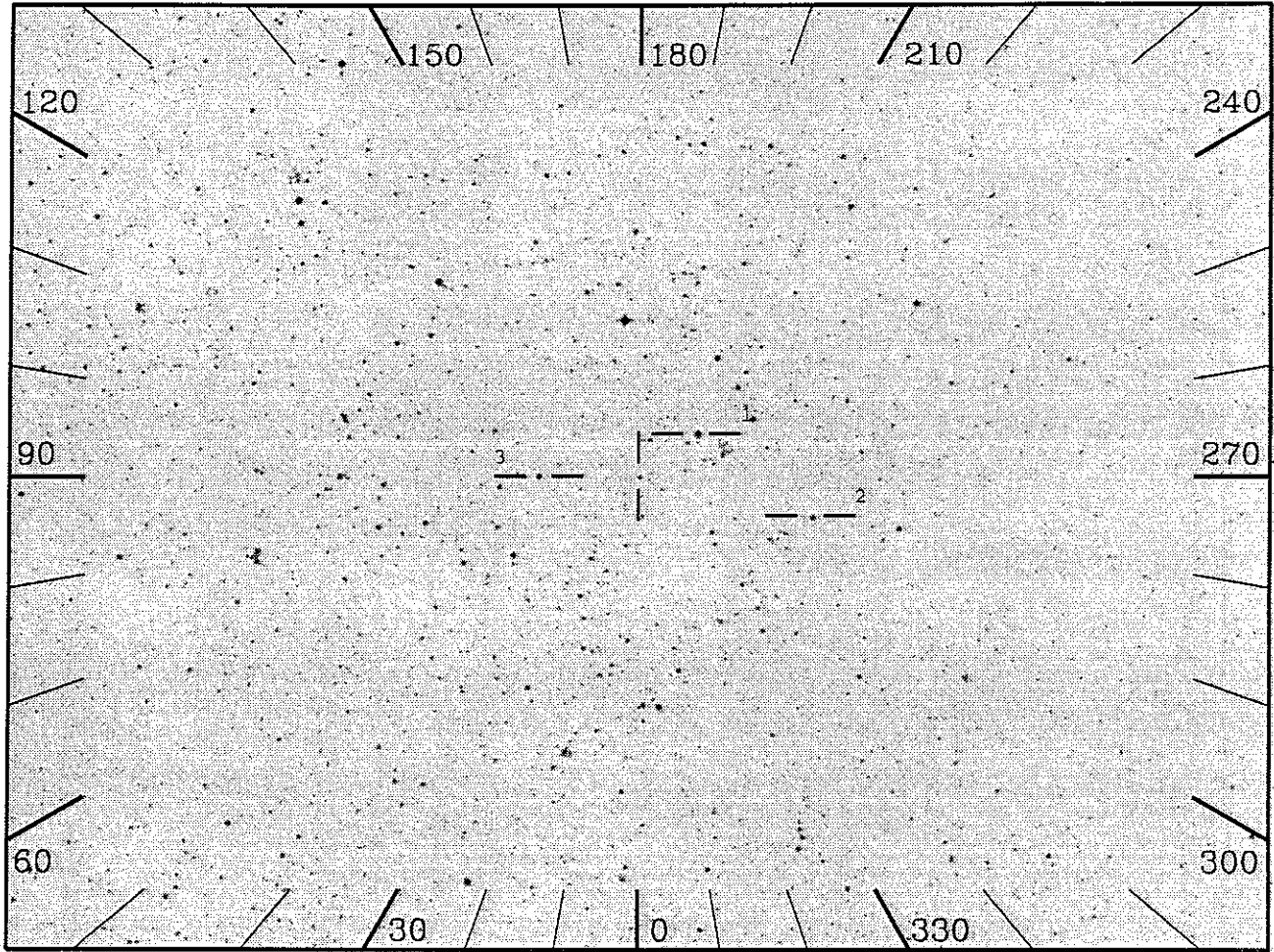


RA 12.3975

DEC -73.0086

NAME SMC-B

ID 6112-1



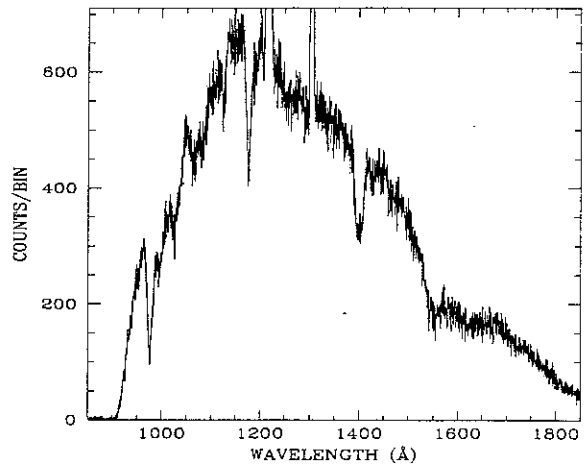
20", 1000(s), Night

OBJECT: 6112 SMC-B

KEYWORDS: Generic O star, SMC

COMMENTS:

In this general SMC field for UIT, HUT has selected a star by the name of AvZ 95, an O 7.5 III star with $V=13.9$. No IUE flux is available, and so the HUT count rate is fairly uncertain. SIM assumes a 30,000 K Kurucz model with the appropriate V .



ID: 6112-1 U=Prime SciPgm= U10

Names: SMC-B BAR

HUT=AZV95

Info: O7.5III V= 13.9 Wupmag=10.4

% Pol:

Pos Ang:

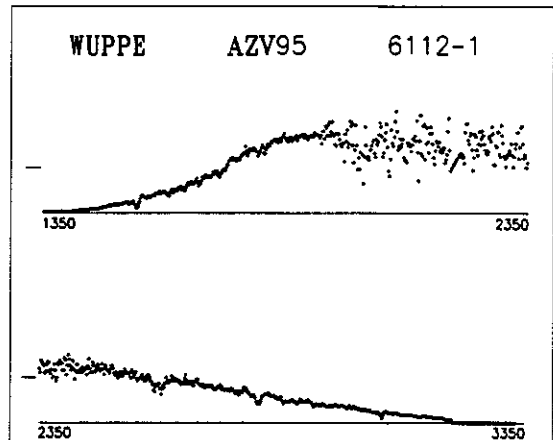
Mechanism:

Comments:

HUT & WUP will observe AZV95.

$V=13.91$, $B-V=-.30$, $U-B=-1.03$

HUT's choice. Unreddened.

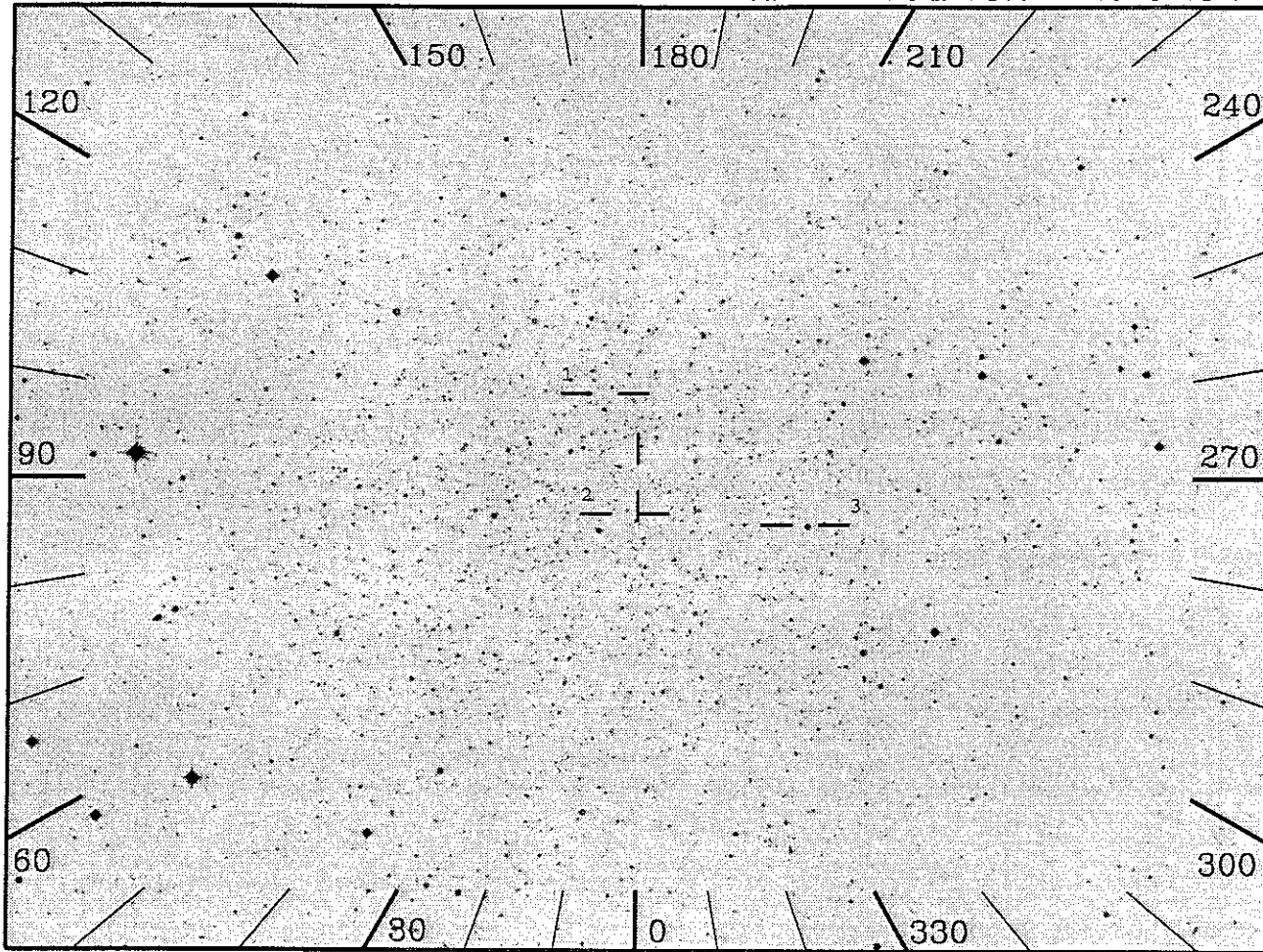


RA 14.4000

DEC -33.9667

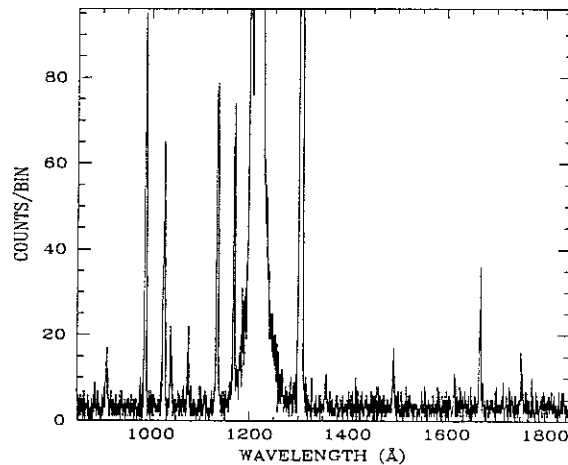
NAME SCULPTOR

ID 6113-1

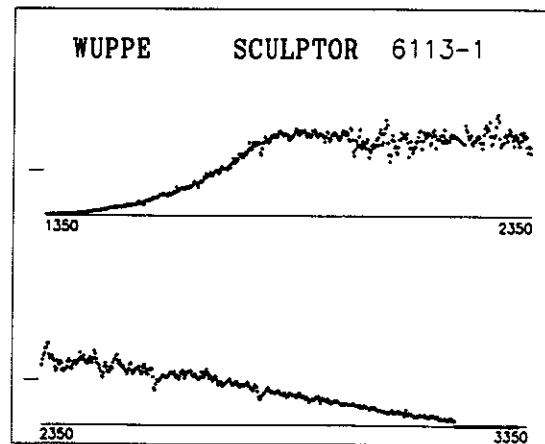


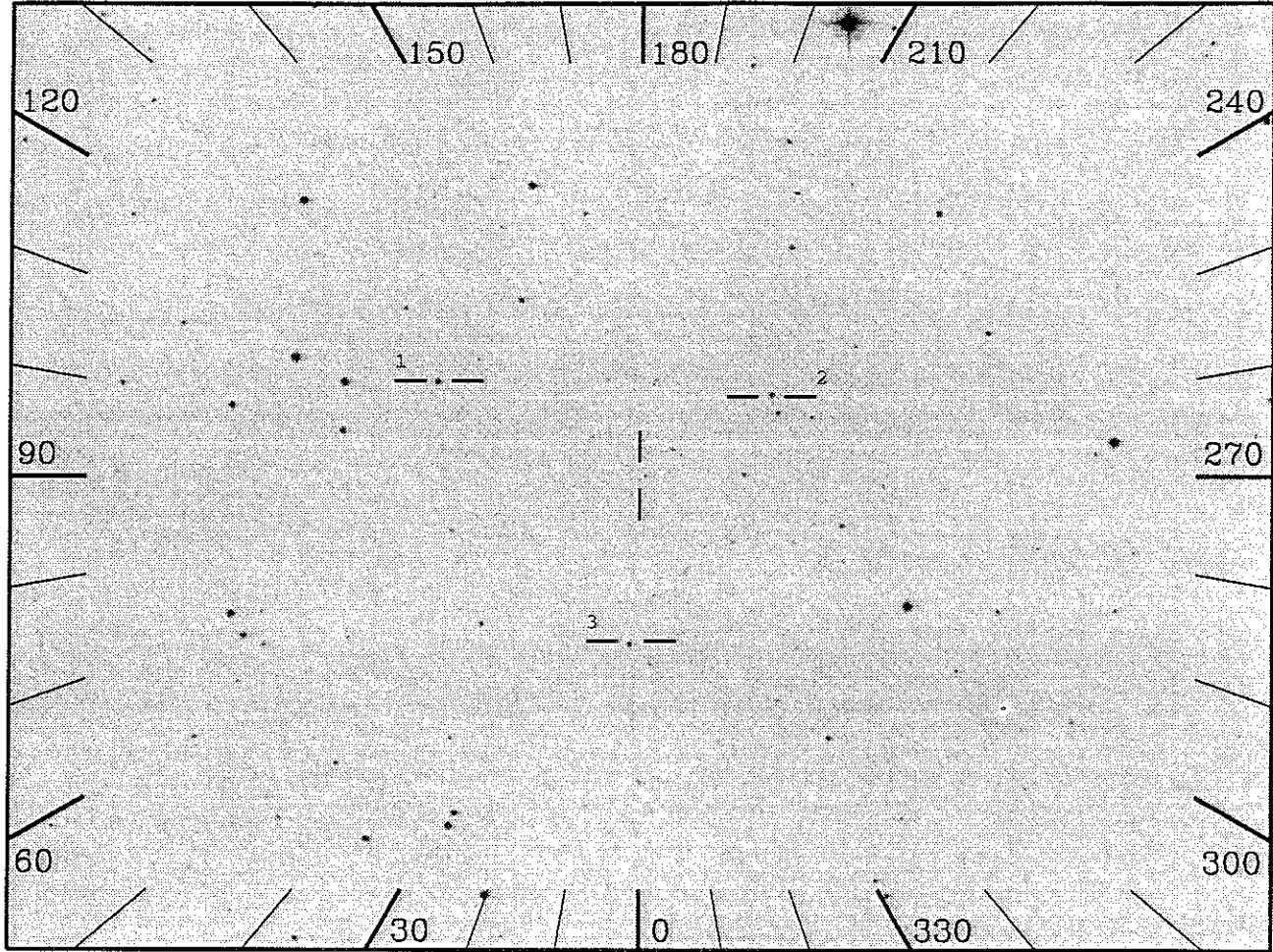
10"X56", 1000(s), Day

OBJECT: 6113 SCULPTOR
 KEYWORDS: Airglow
 COMMENTS:
 Open the slit to position 5 when entering night



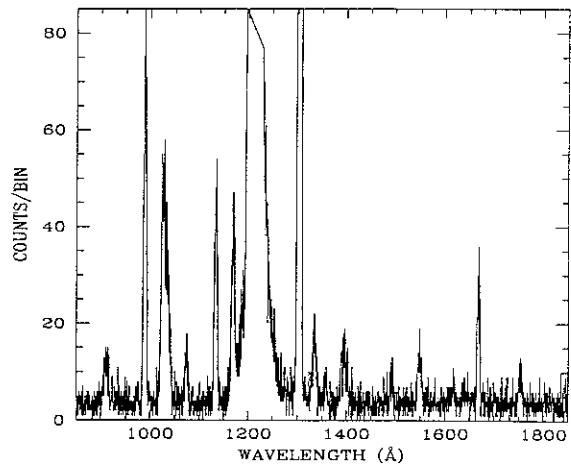
ID: 6113-1 U=Prime SciPgm= U10
 Names: SCULPTOR
 Info: V= Wupmag=
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 IUE data used for simulated spectrum is
 that of NGC330 (6197).



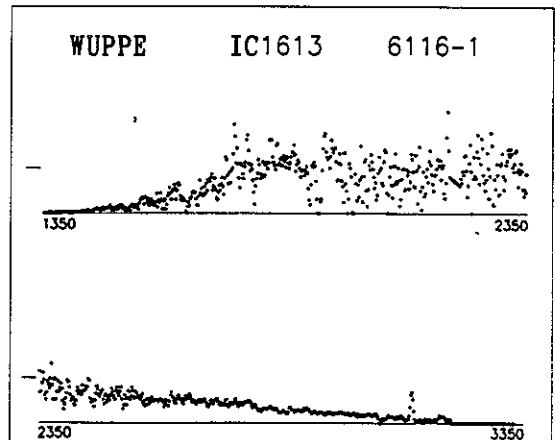


20", 2000(s), Day

OBJECT: 6113 IC1613
 KEYWORDS: Supernova Remnant
 COMMENTS:
 The supernova remnant S8 lies close to the UIT position for IC1613. This supernova remnant shows extremely low metal abundances. It should show only emission lines. Simulated spectrum is based on a model.



ID: 6116-1 U=Prime SciPgm= U10
 Names: IC1613
 HUT=58_SNR pos.
 Info: D V= Wupmag=14.1
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

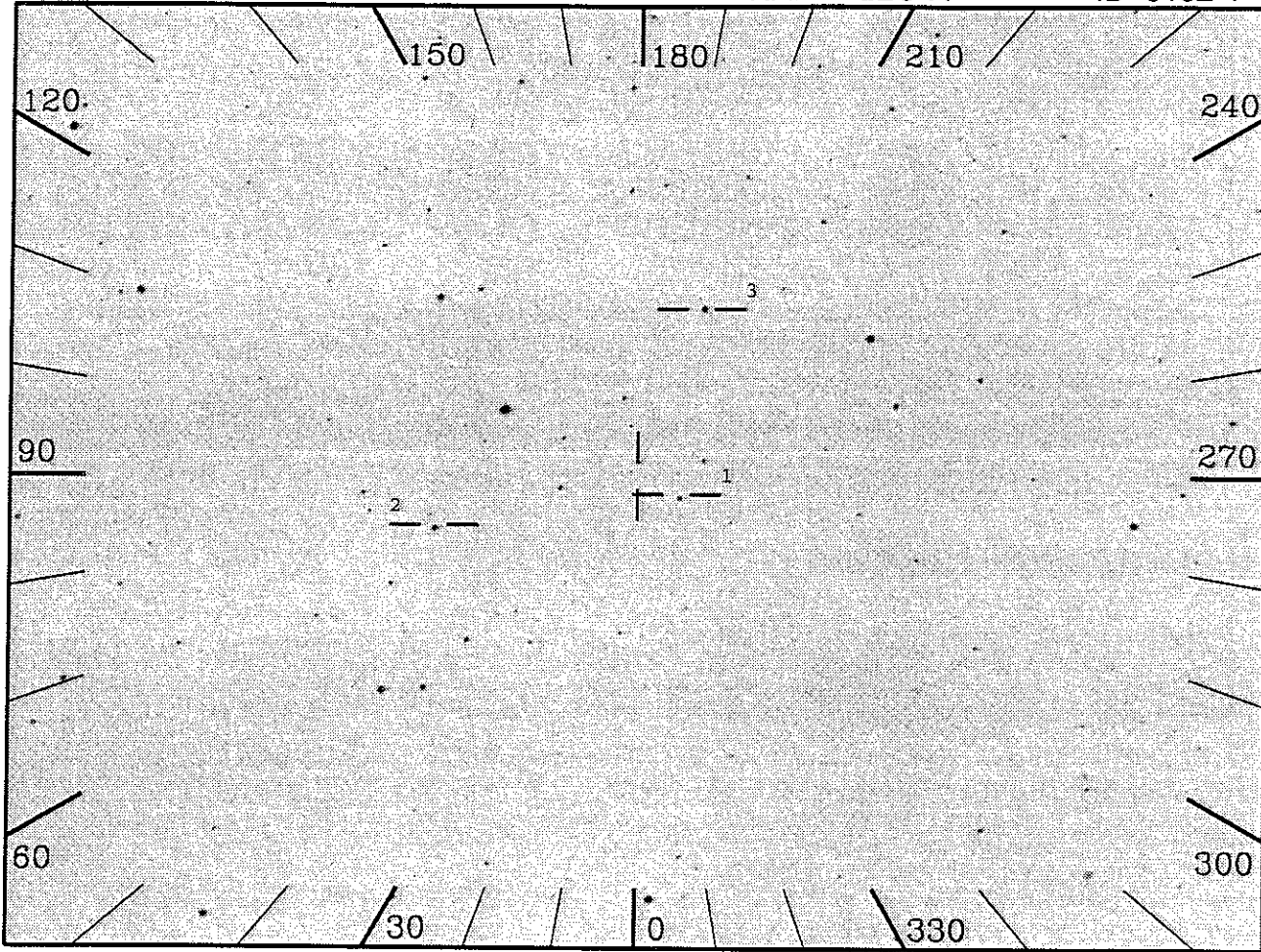


RA 149.1325

DEC 30.9867

NAME LEO-A

ID 6132-1



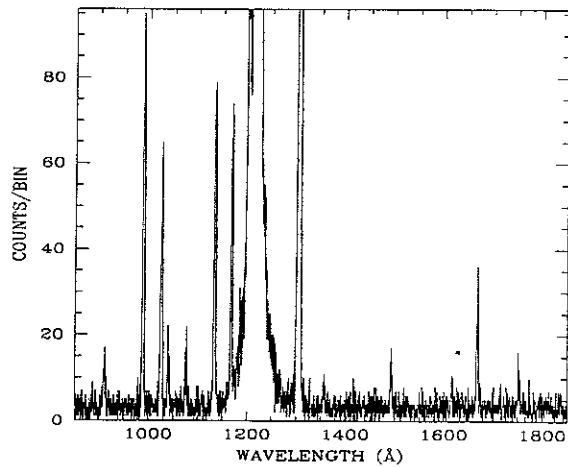
11x60", 1000(s), Night

OBJECT: 6132 LEO-A

KEYWORDS: airglow

COMMENTS:

This is an airglow pointing.



ID: 6132-1 U=Prime SciPgm= U10

Names: LEO-A

Info: dG V= Wupmag=

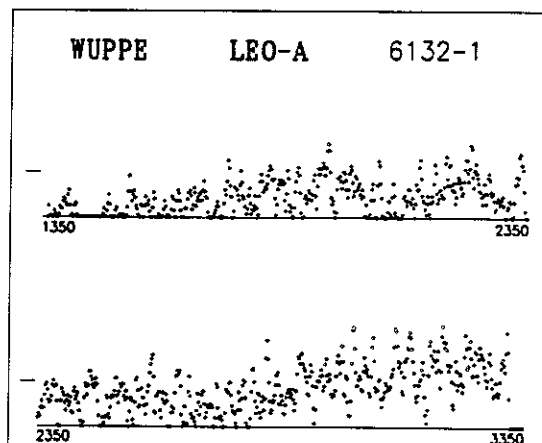
% Pol:

Pos Ang:

Mechanism:

Comments:

Astro-1 data used for simulated spectrum is that of A665 (9319) (blank sky).

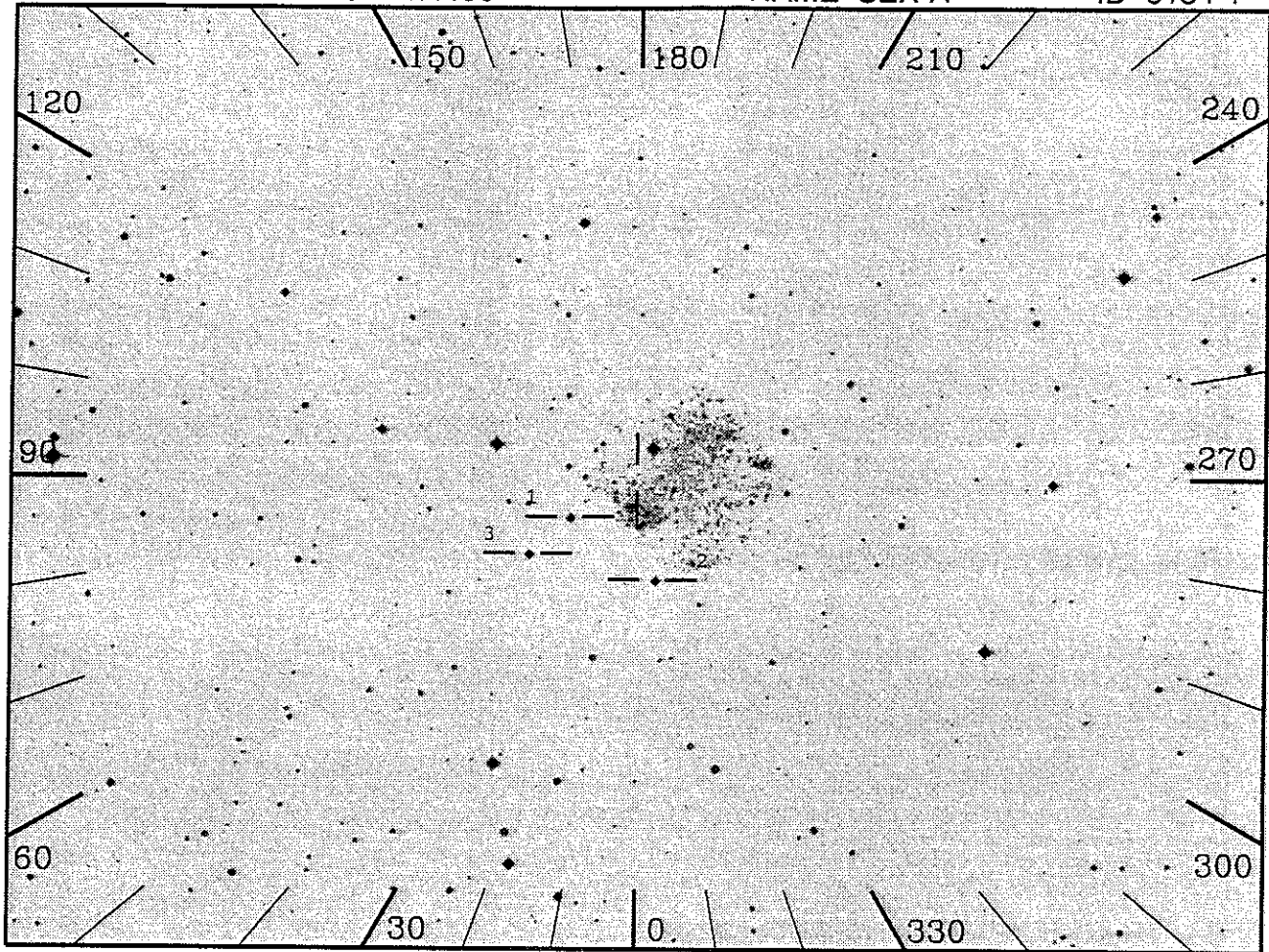


RA 152.1425

DEC -4.4456

NAME SEX-A

ID 6134-1



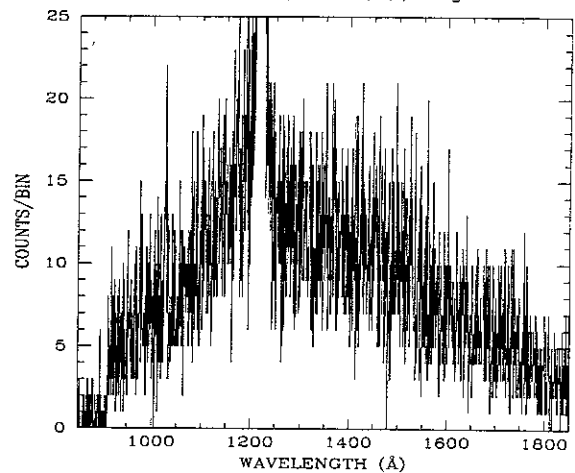
18x200", 1000(s), Night

OBJECT: 6134 SEX-A

KEYWORDS: Dwarf irregular galaxy

COMMENTS:

The continuum may just be detectable from this galaxy during the night, and its spectral shape would provide interesting constraints on the stellar populations in such galaxies. Consequently, we chose the large slit for the night portion of the observation, but dither to the small aperture for day to protect the detector. The galaxy will probably not be visible in the TV camera.



ID: 6134-1 U=Prime SciPgm= U10

Names: SEX-A

Info: Irreg V= Wupmag=

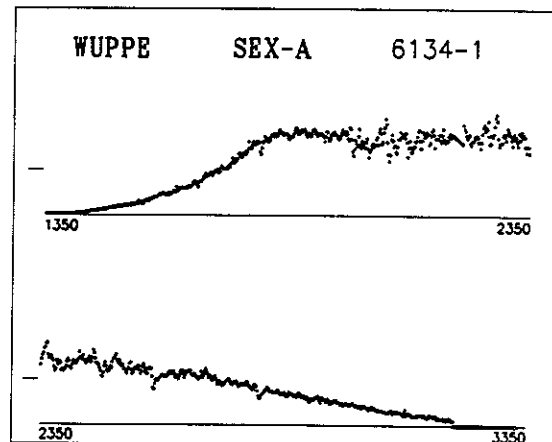
% Pol:

Pos Ang:

Mechanism:

Comments:

IUE data used for simulated spectrum is that of NGC330 (6197).

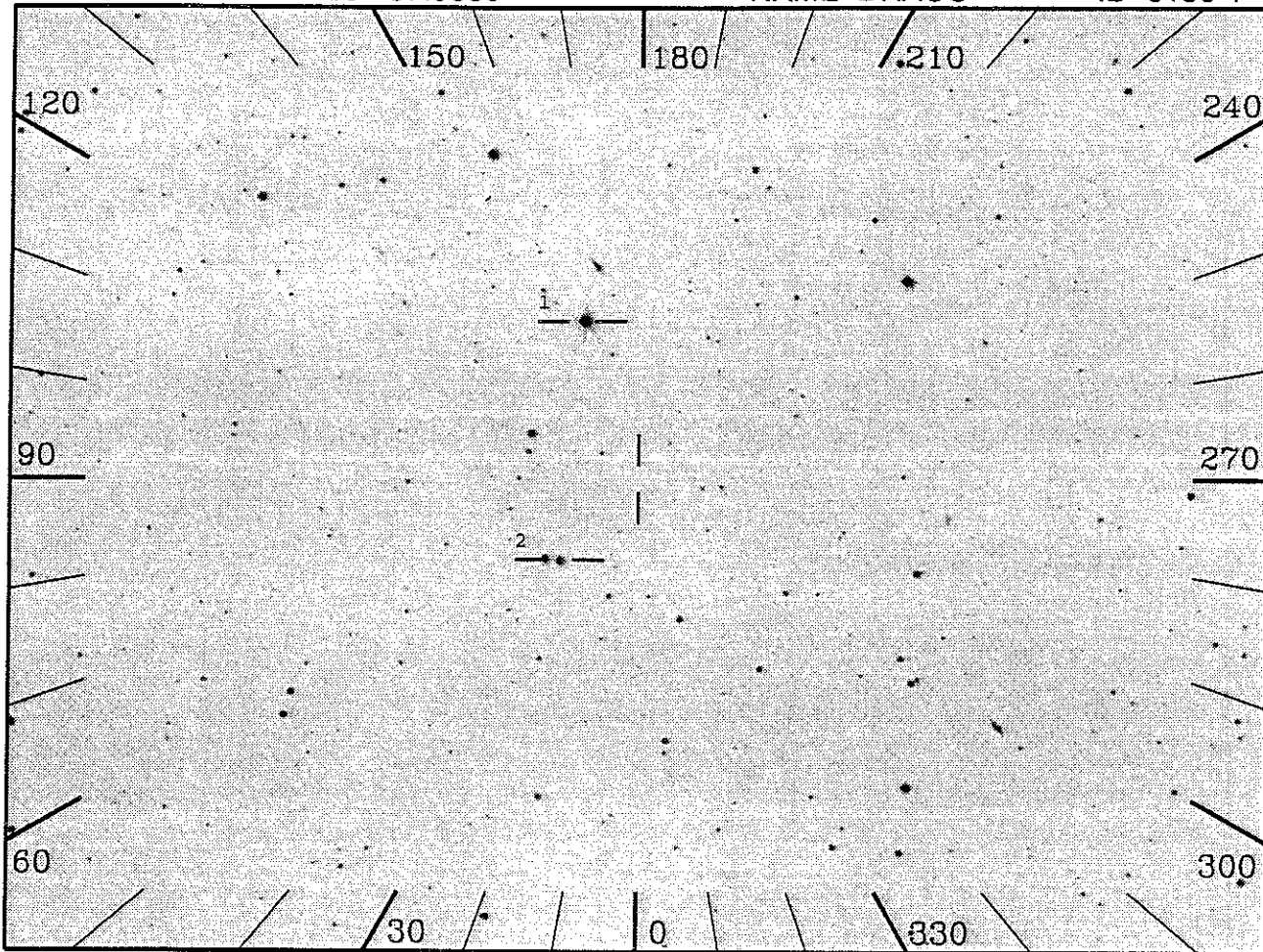


RA 259.8483

DEC 57.9639

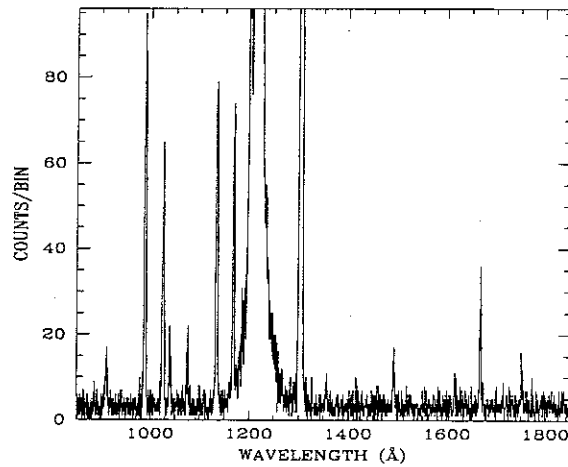
NAME DRACO

ID 6136-1



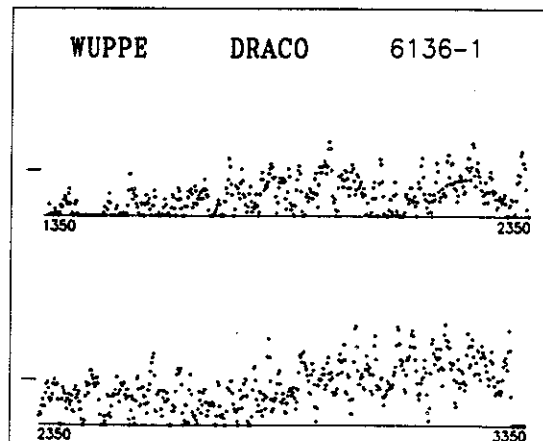
12", 1000(s), Day

OBJECT: 6136 DRACO
 KEYWORDS: Airglow
 COMMENTS:

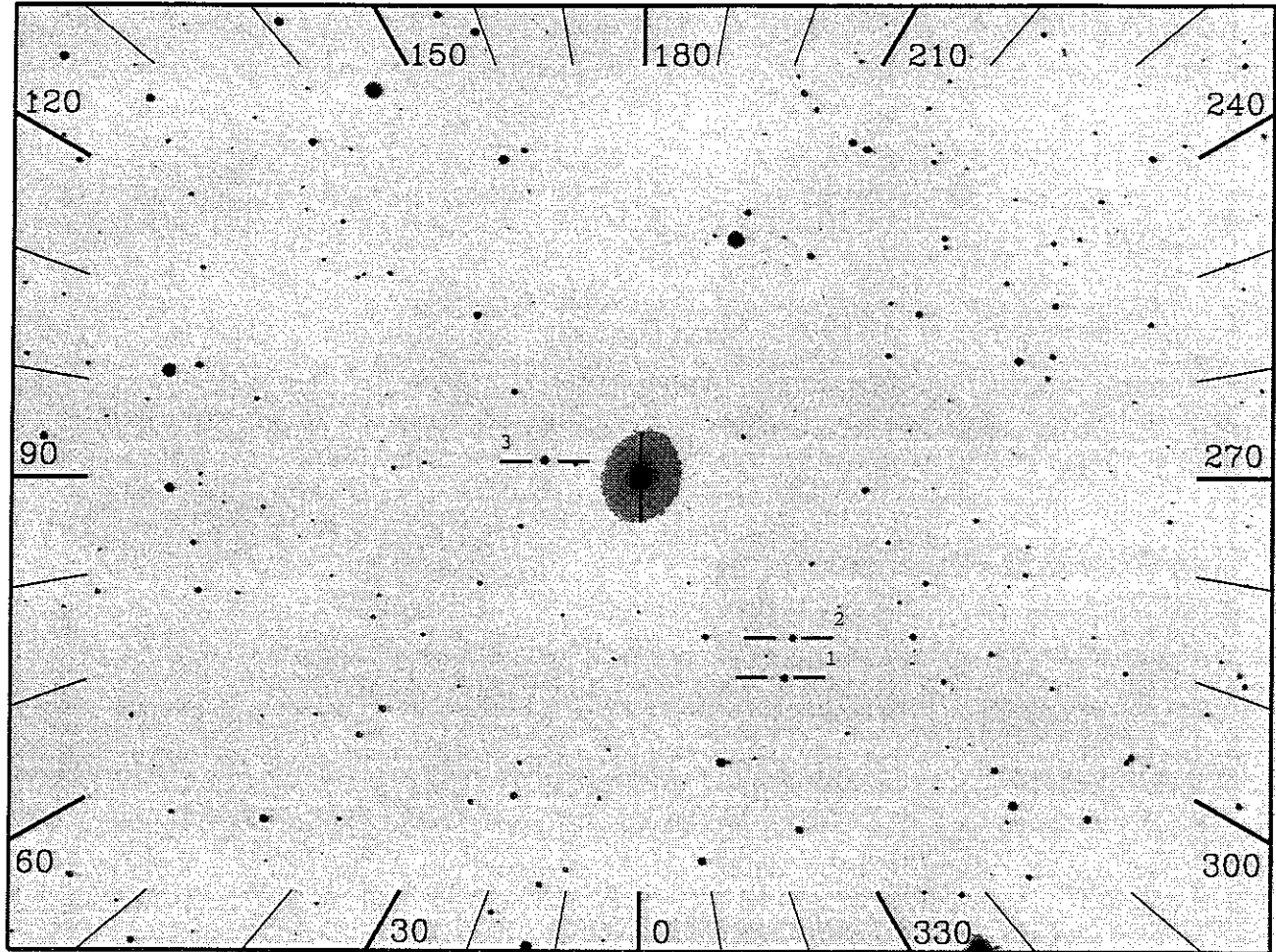


ID: 6136-1 U=Prime SciPgm= U10
 Names: DRACO
 Info: dG V= Wupmag=
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

Astro-1 data used for simulated spectrum
 is that of A665 (9319) (blank sky).

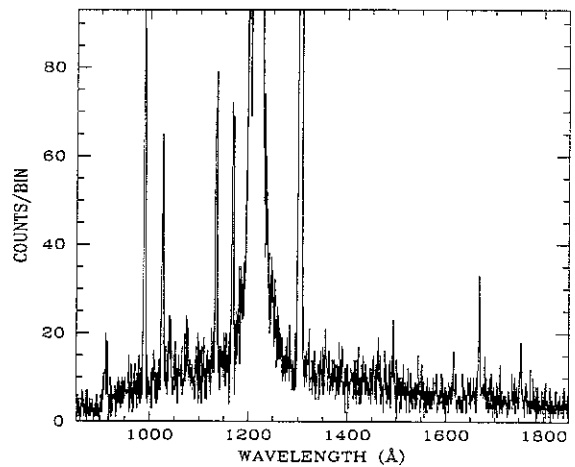


RA 9.9904 DEC 40.5915 NAME M32 ID 6138-1

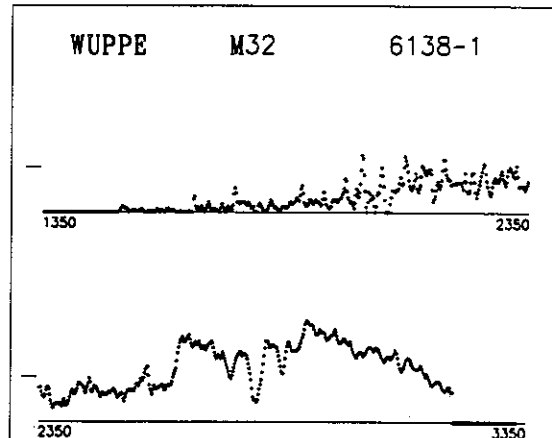


11x60", 1000(s), Day

OBJECT: 6138 M32 (NGC221)
 KEYWORDS: Elliptical galaxy
 COMMENTS:
 HUT slit should be centered on the nucleus to try
 to get an integrated spectrum of this compact
 elliptical galaxy.



ID: 6138-1 U=Prime SciPgm= U12
 Names: M32 NGC0221
 Info: E V= Wupmag=12.9
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 Nucleus spectrum of elliptical galaxy M32.

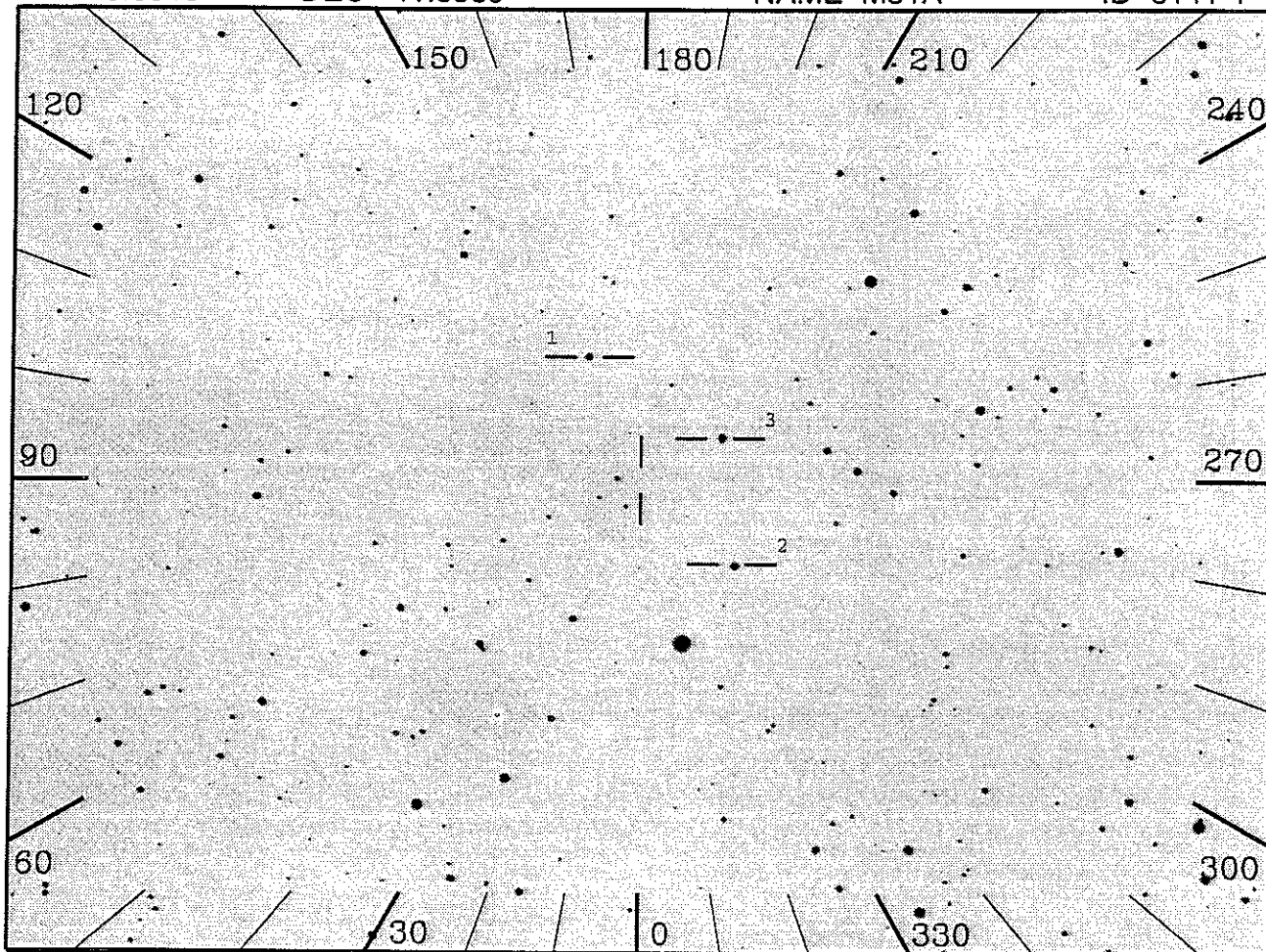


RA 10.3513

DEC 41.3589

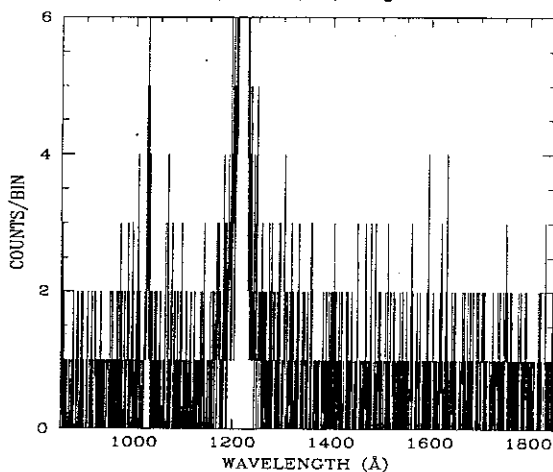
NAME M31A

ID 6141-1



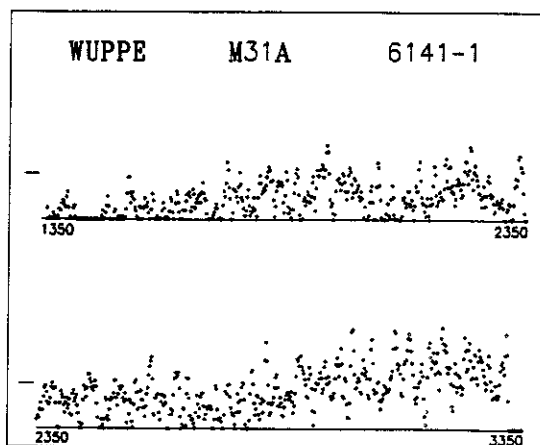
20", 1000(s), Night

OBJECT: 6141 M31A
 KEYWORDS: galaxies field
 COMMENTS:
 HUTSIM is done by Kurucz model.



ID: 6141-1 U=Prime SciPgm= U10
 Names: M31A NE ARM
 Info: V= Wupmag=
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

Astro-1 data used for simulated spectrum
 is that of A665 (9319) (blank sky).

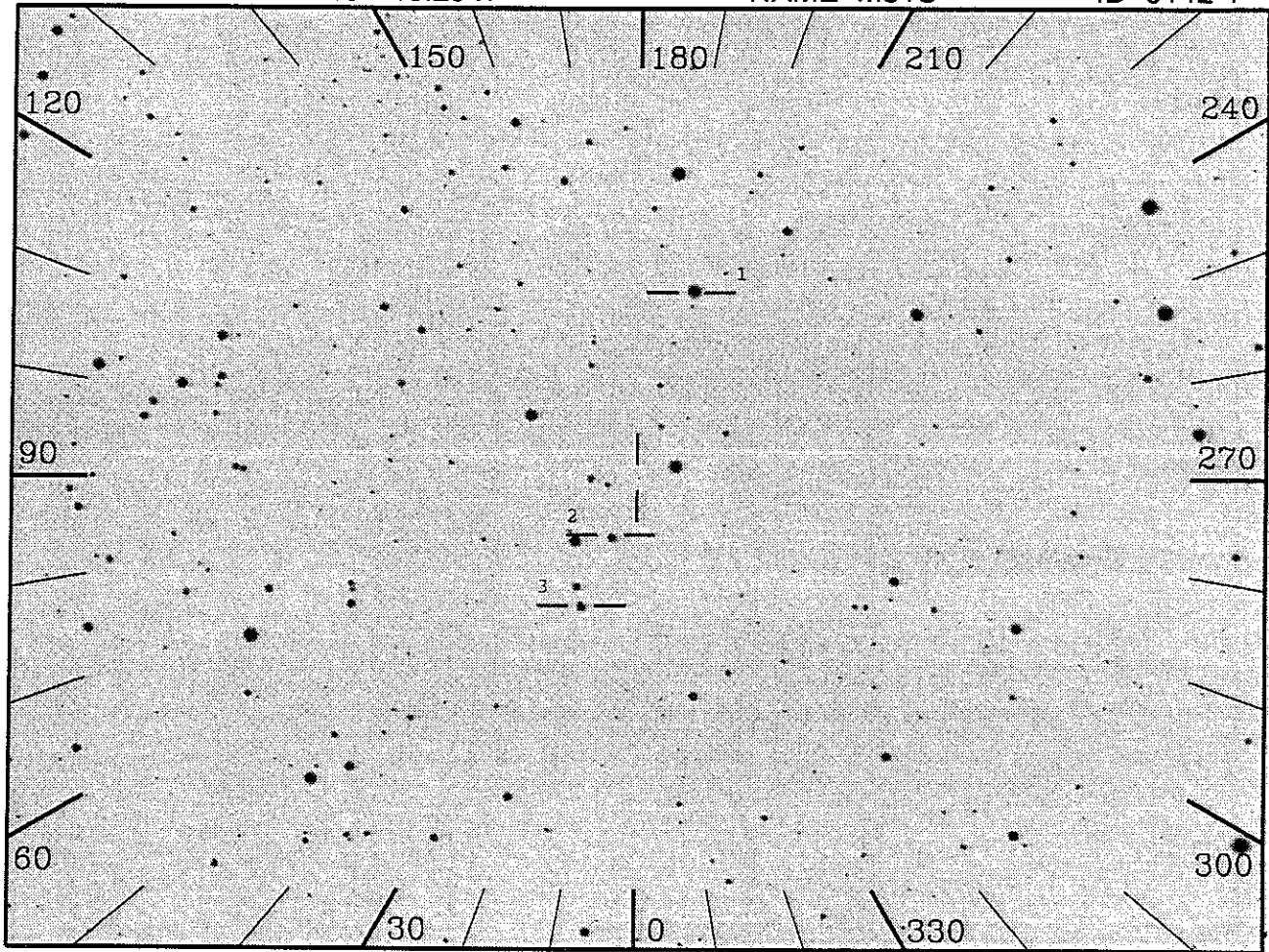


RA 9.3238

DEC 40.2947

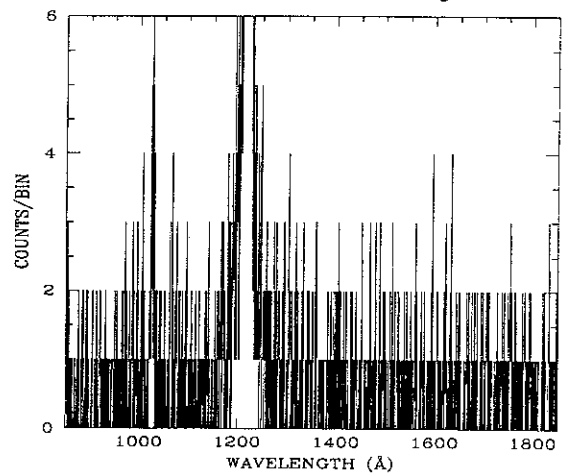
NAME M31S

ID 6142-1

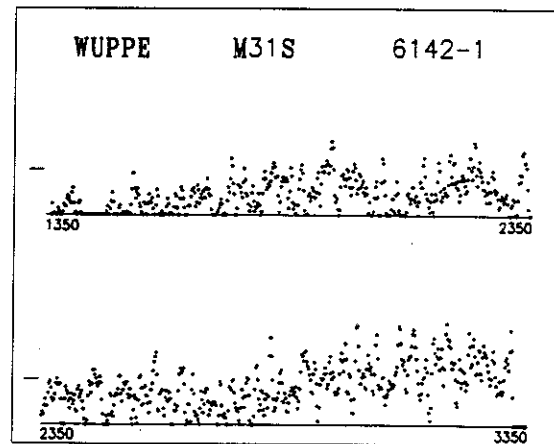


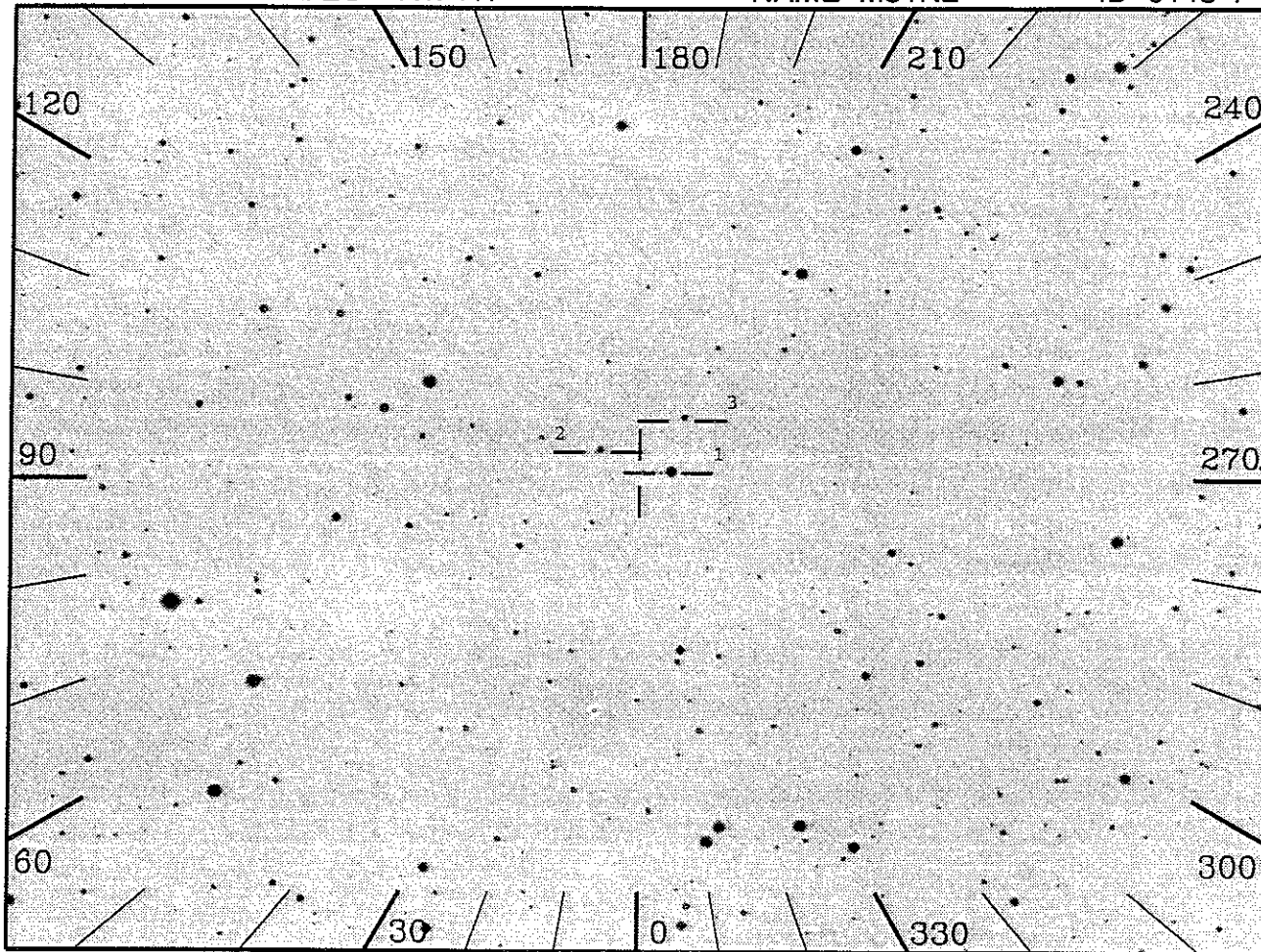
10"x56", 1000(s), Night

OBJECT: 6142 M31S
 KEYWORDS: galaxies field
 COMMENTS:
 South field of M31 Galaxy.
 This is a faint field.
 The HUTSIM is done by Kurucz model.



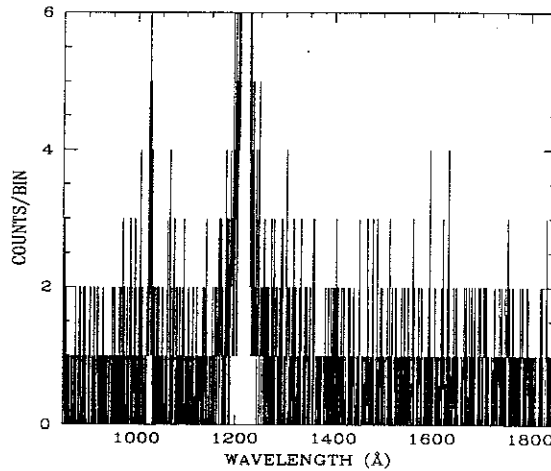
ID: 6142-1 U=Prime SciPgm= U10
 Names: M31S
 Info: V= Wupmag=13.4
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 Astro-1 data used for simulated spectrum
 is that of A665 (9319) (blank sky).



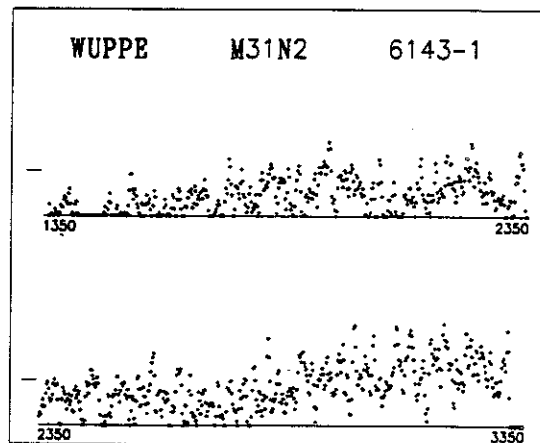


20", 1000(s), Day

OBJECT: 6143 M31N2
 KEYWORDS: galaxies field
 COMMENTS:
 HUTSIM is done by Kurucz model.



ID: 6143-1 U=Prime SciPgm= U10
 Names: M31N2
 Info: V= Wupmag=13.4
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 Astro-1 data used for simulated spectrum
 is that of A665 (9319) (blank sky).

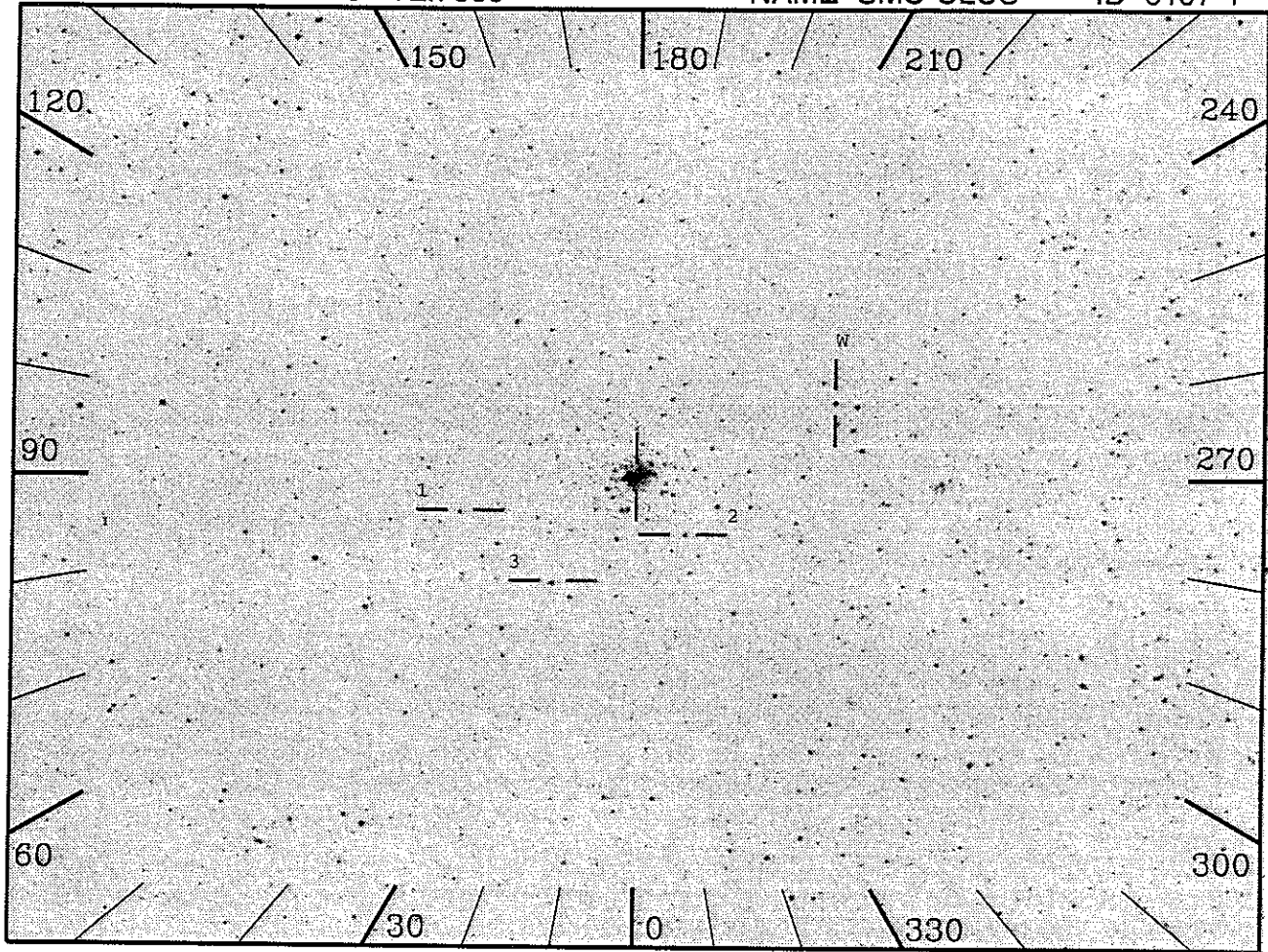


RA 13.6485

DEC -72.7338

NAME SMC-CLUS

ID 6197-1



10"x56", 1000(s), Night

OBJECT: 6197 SMC-CLUS

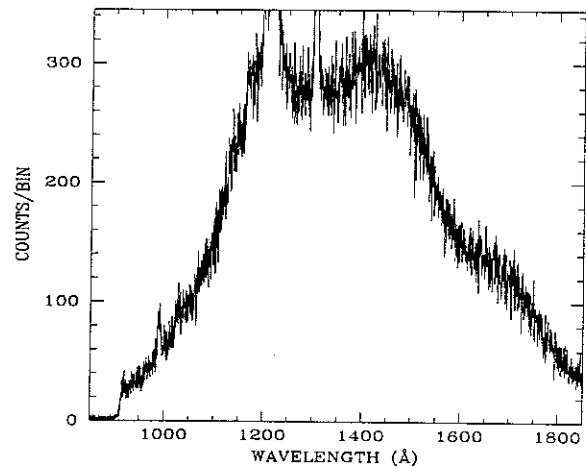
KEYWORDS: SMC, Blue Cluster

COMMENTS:

This generic UIT SMC pointing is centered on the blue SMC cluster NGC 330. HUT will effectively obtain an "integrated" cluster spectrum by incorporating a couple of offsets of the 10"x56" aperture during the observation.

SIM is for cluster center, scaled from IUE data.

Cluster core should be visible on HUT CCTV.



ID: 6197-1 U=Prime SciPgm= U10

Names: SMC-CLUS NGC0330

Info: V= Wupmag=9.50

% Pol:

Pos Ang:

Mechanism:

Comments:

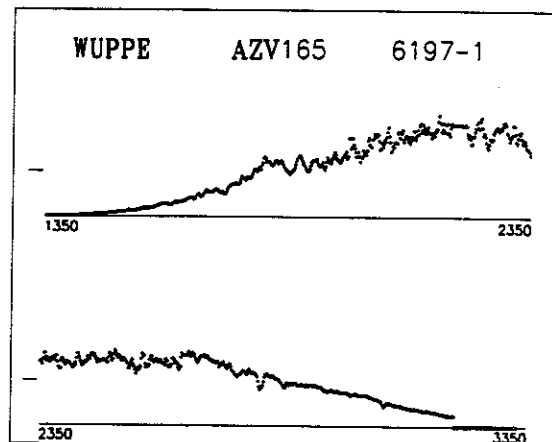
NOTE: WUPPE OFFSET TARGET.

WUP is offsetting to AZV165.

Info: B7Iab V=12.79 Wupmag=

B=12.81, U=12.46

IUE data used for simulated spectrum is that of Bet-Ori (2150).

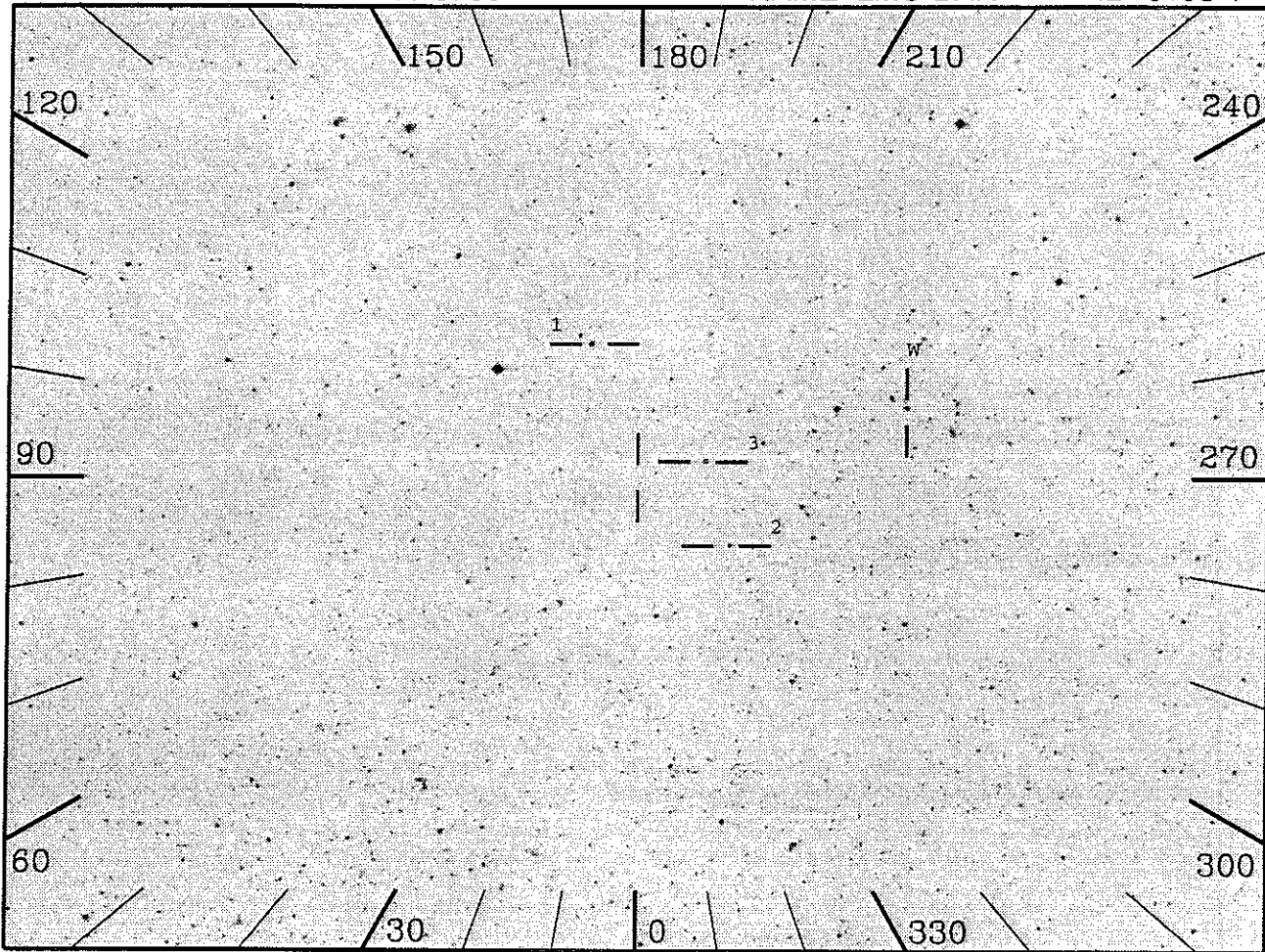


RA 81.3600

DEC -69.6780

NAME LMC-BAR

ID 6198-1



20", 2000(s), Day

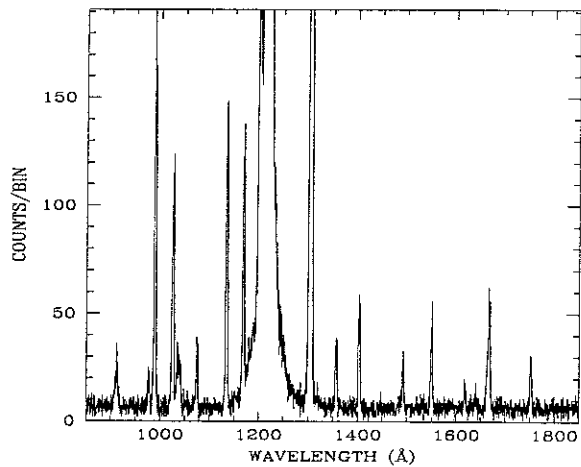
OBJECT: 6198 LMC-BAR (N132D)

KEYWORDS: Supernova Remnant, LMC, O-rich

COMMENTS:

This UIT pointing in the "bar" of the LMC is centered on the O-rich LMC supernova remnant N132D. HUT is interested in searching for any faint emission lines from the remnant, especially O VI, which has not been seen previously from this kind of SNR.

One star will bloom on the HUT CCTV to make available several fainter guide stars. The object will not be visible, necessitating a GS Locate.



ID: 6198-1 U=Prime SciPgm= U10

Names: LMC-BAR N132D

Info: V= Wupmag=13.

% Pol:

Pos Ang:

Mechanism:

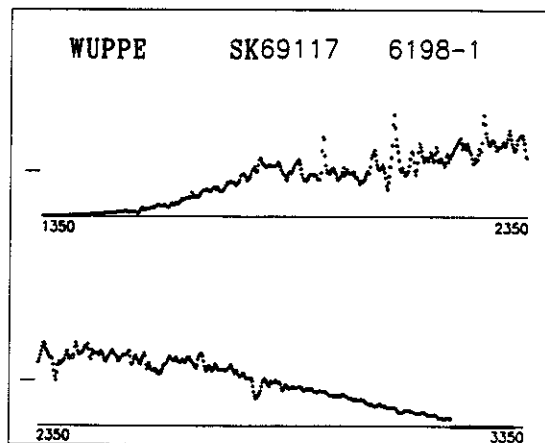
Comments:

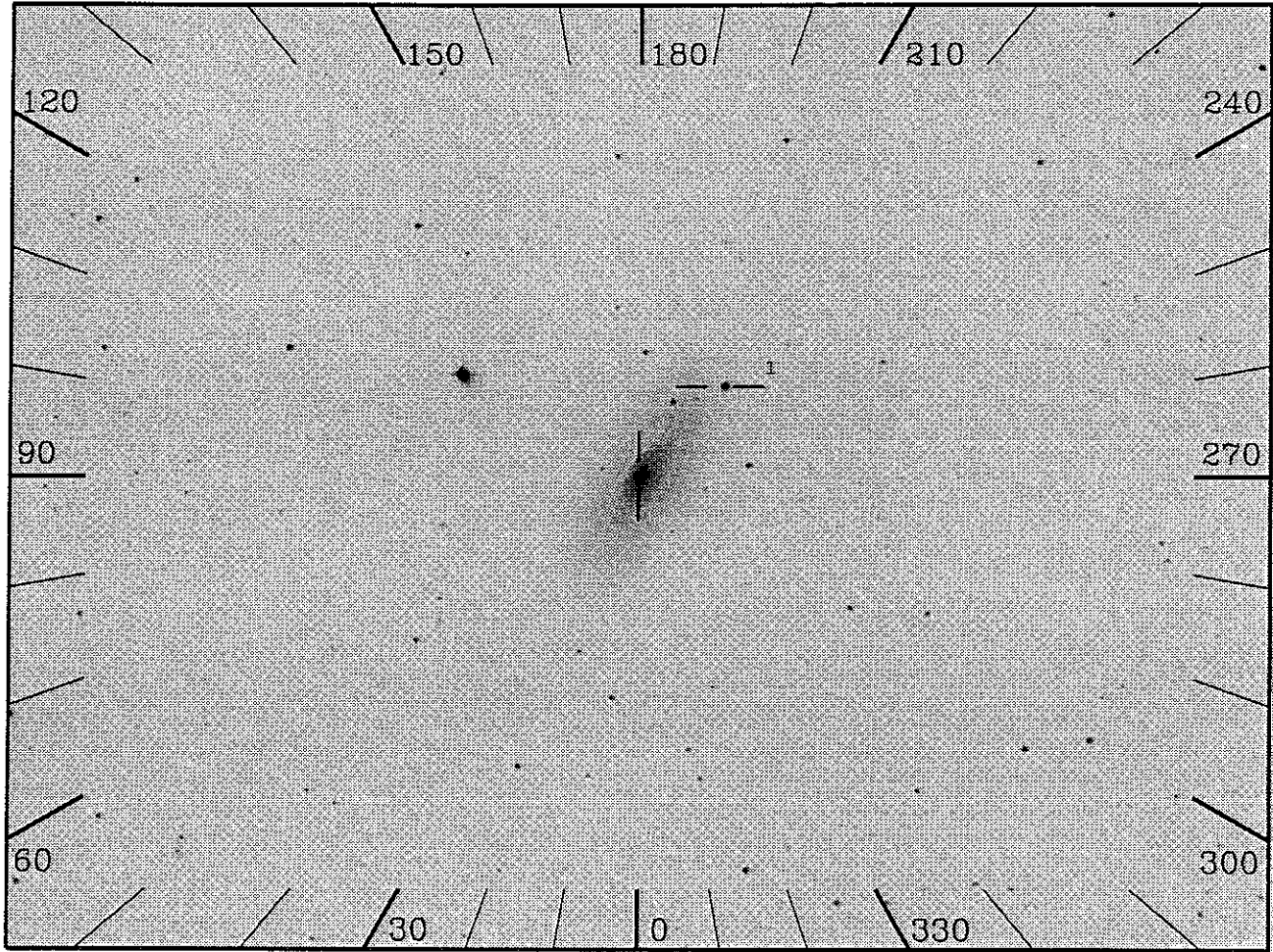
NOTE: WUPPE OFFSET TARGET.

WUP is offsetting to SK-69117.

Info: OB V=12.73 Wupmag=

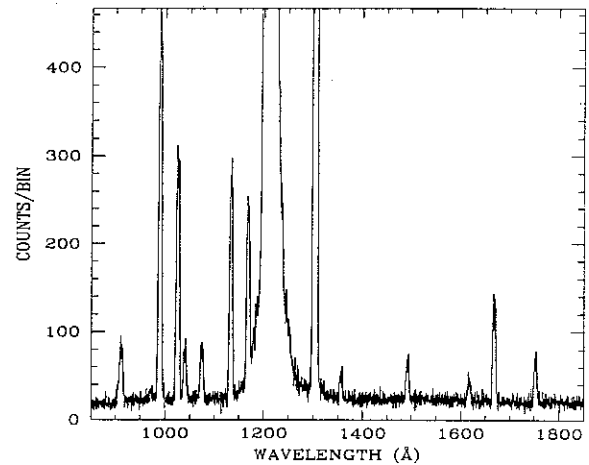
B-V=-.12, U-B=-.98 IUE data used for simulated spectrum is that of SK280-69 (4587).



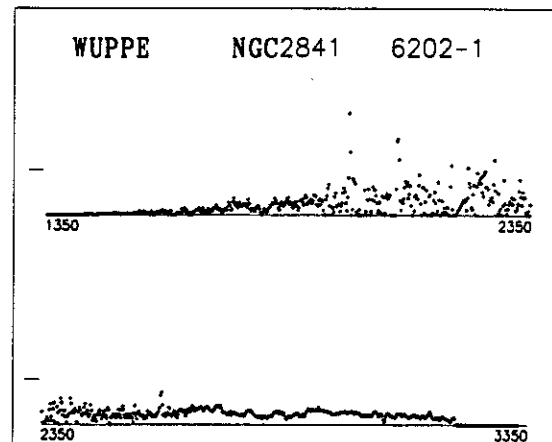


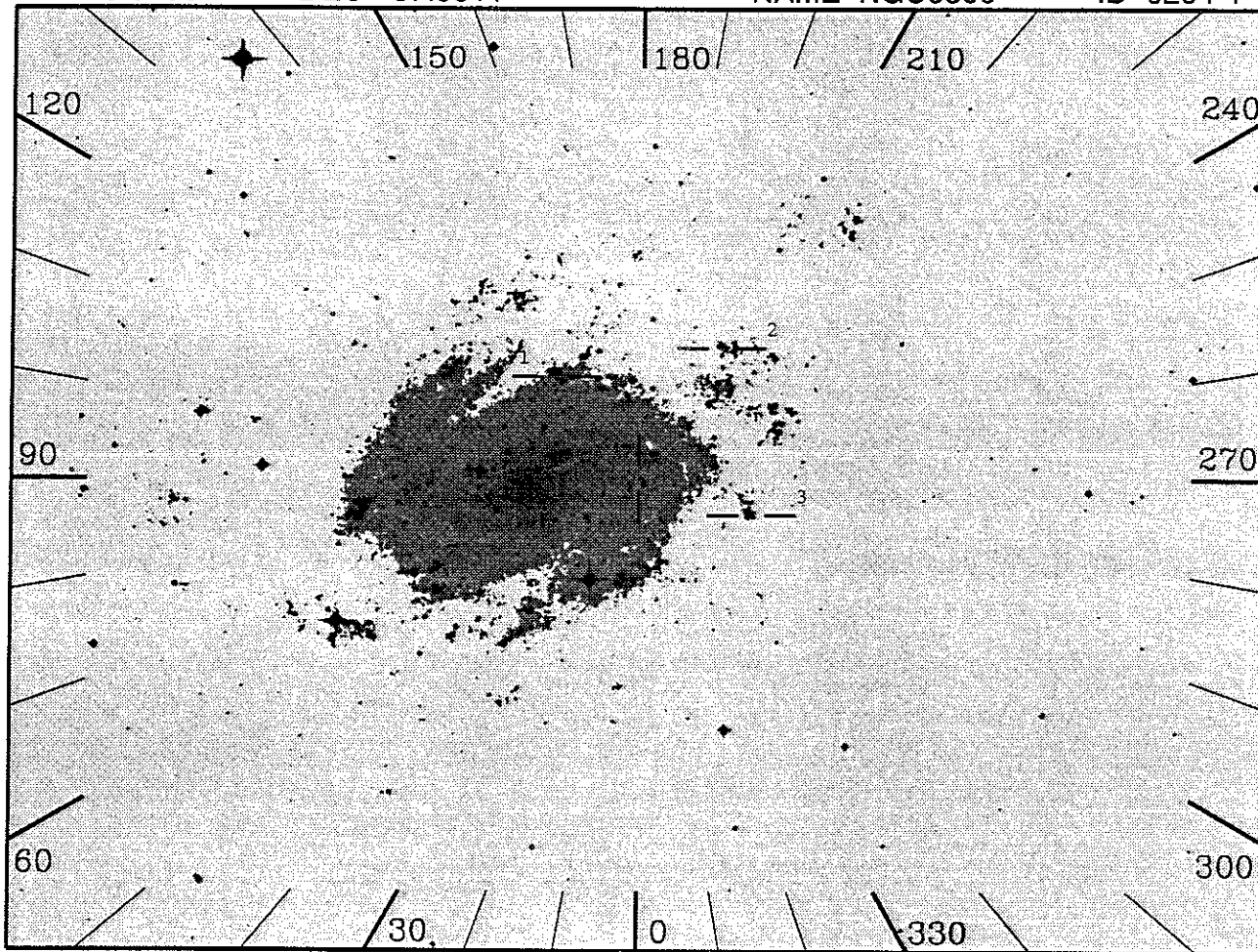
10"x56", 1000(s), Night

OBJECT: 6202 NGC2841
 KEYWORDS: galaxies
 COMMENTS:
 Place the slit 10"x56" in the center of the galaxy.
 CIV (1550) absorption might be observed.
 HUTSIM is done by input IUE spectrum.



ID: 6202-1 U=Prime SciPgm= G22
 Names: NGC2841
 Info: Sb V= Wupmag=12.6
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:





20", 1000(s), Day

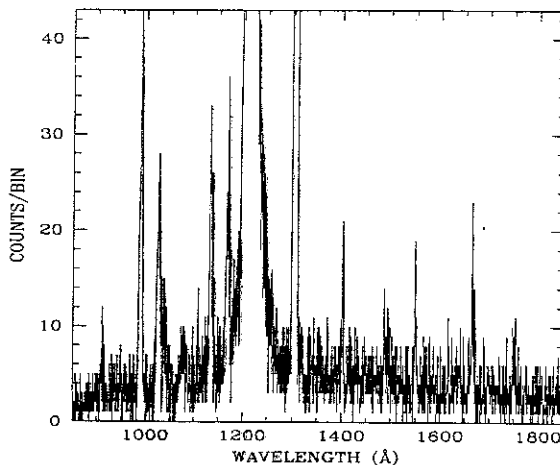
OBJECT: 6204 NGC0300

KEYWORDS: Spiral galaxy, supernova remnant

COMMENTS:

While UIT observes the face-on spiral NGC 300, HUT will point at a position offset from the nucleus to observe a faint supernova remnant. HUT should see faint emission lines, with perhaps faint continuum emission from the galaxy itself.

The object is too faint to be seen directly, requiring a Guide Star locate. However, the guide star situation is not good. Each of the three guide stars is really an unresolved OB association in the galaxy. However, they should be bright enough to be seen.



ID: 6204-1 U=Prime SciPgm= U10

Names: NGC0300

Info: Sd V= Wupmag=

% Pol:

Pos Ang:

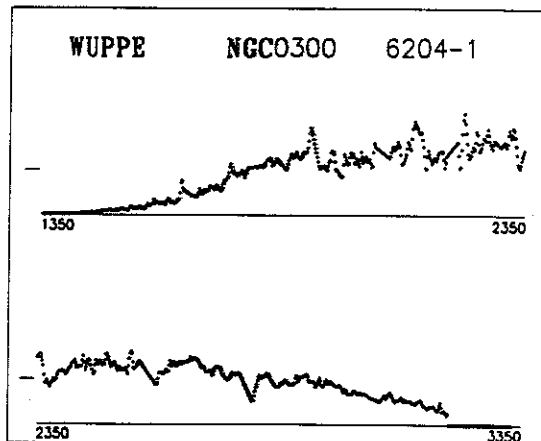
Mechanism:

Comments:

Spiral galaxy. Get nucleus spectrum.

IUE data used for simulated spectrum is

that of NGC4258 (6225).

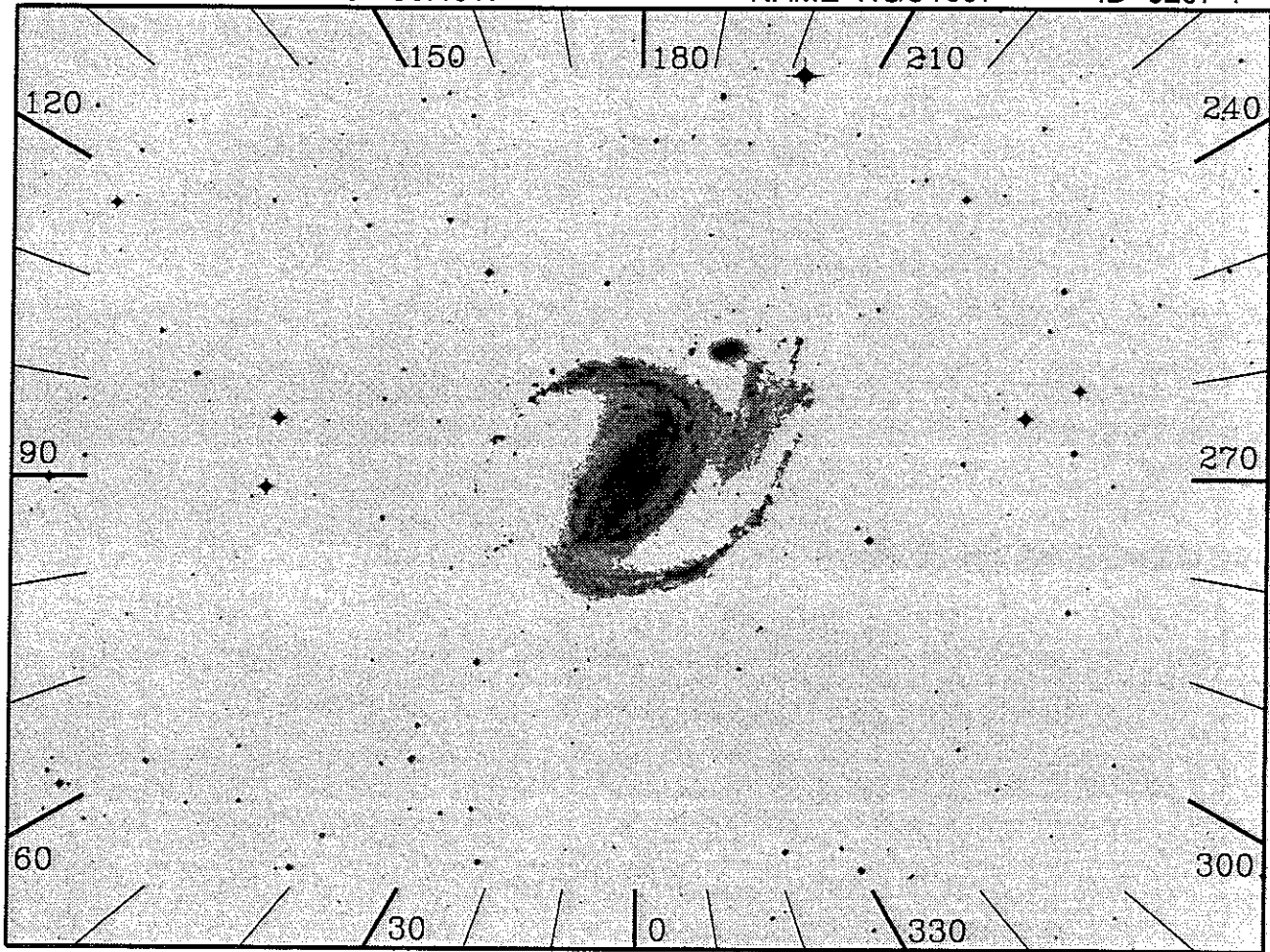


RA 41.0458

DEC -30.4817

NAME NGC1097

ID 6207-1



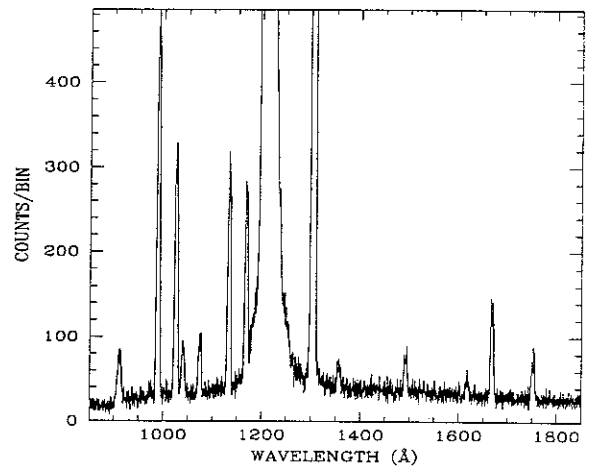
20", 1000(s), Night

OBJECT: 6207 NGC1097

KEYWORDS: galaxies

COMMENTS:

This is a bright galaxy. Locate the slit in the center of the galaxy. HUTSIM is done by input IUE spectrum.



ID: 6207-1 U=Prime SciPgm= U10

Names: NGC1097 A77

Info: SBbc V= Wupmag=12.0

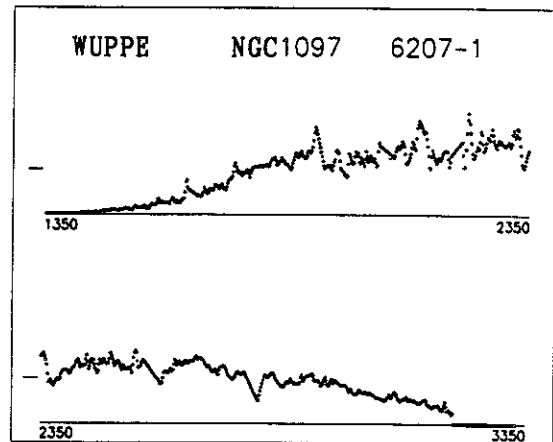
% Pol:

Pos Ang:

Mechanism:

Comments:

IUE data used for simulated spectrum is that of NGC4258 (6225).

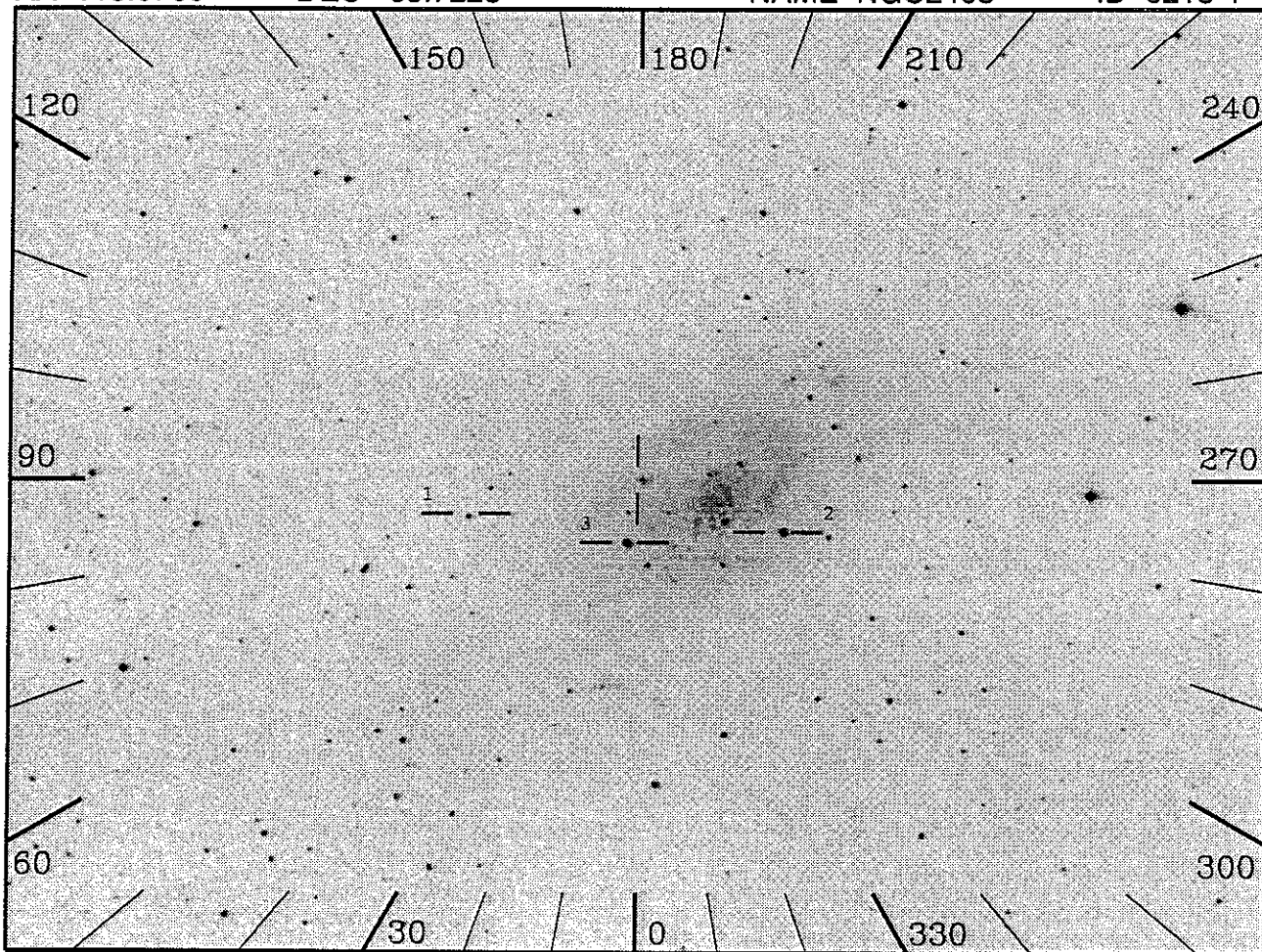


RA 113.0760

DEC 65.7228

NAME NGC2403

ID 6215-1



10"x56", 1000(s), Night

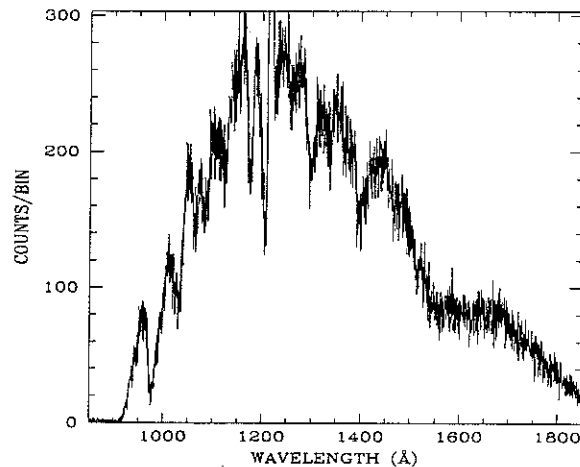
OBJECT: 6215 NGC2403

KEYWORDS: Spiral galaxy, H II region

COMMENTS:

While UIT observes the large face-on spiral galaxy NGC 2403, HUT is pointing at a giant H II region/OB association called VS 44, offset from the nucleus. HUT should basically see a composite "hot star" spectrum, represented here by a 20,000 K Kurucz model star.

Expected count rate is not very accurate.



ID: 6215-1 U=Prime SciPgm= G22

Names: NGC2403

HUT=HII region 298.

Info: Sc V= Wupmag=14.0

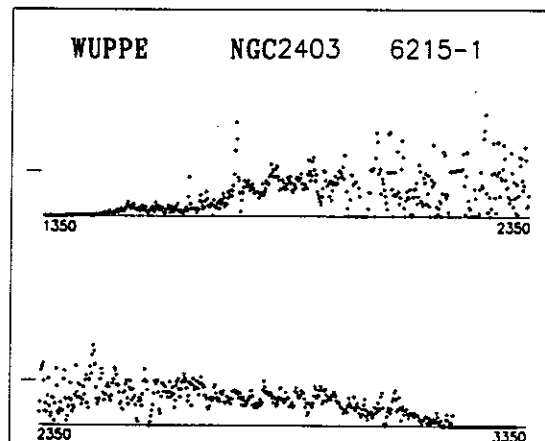
% Pol:

Pos Ang:

Mechanism:

Comments:

HUT and WUPPE will observe HII region.

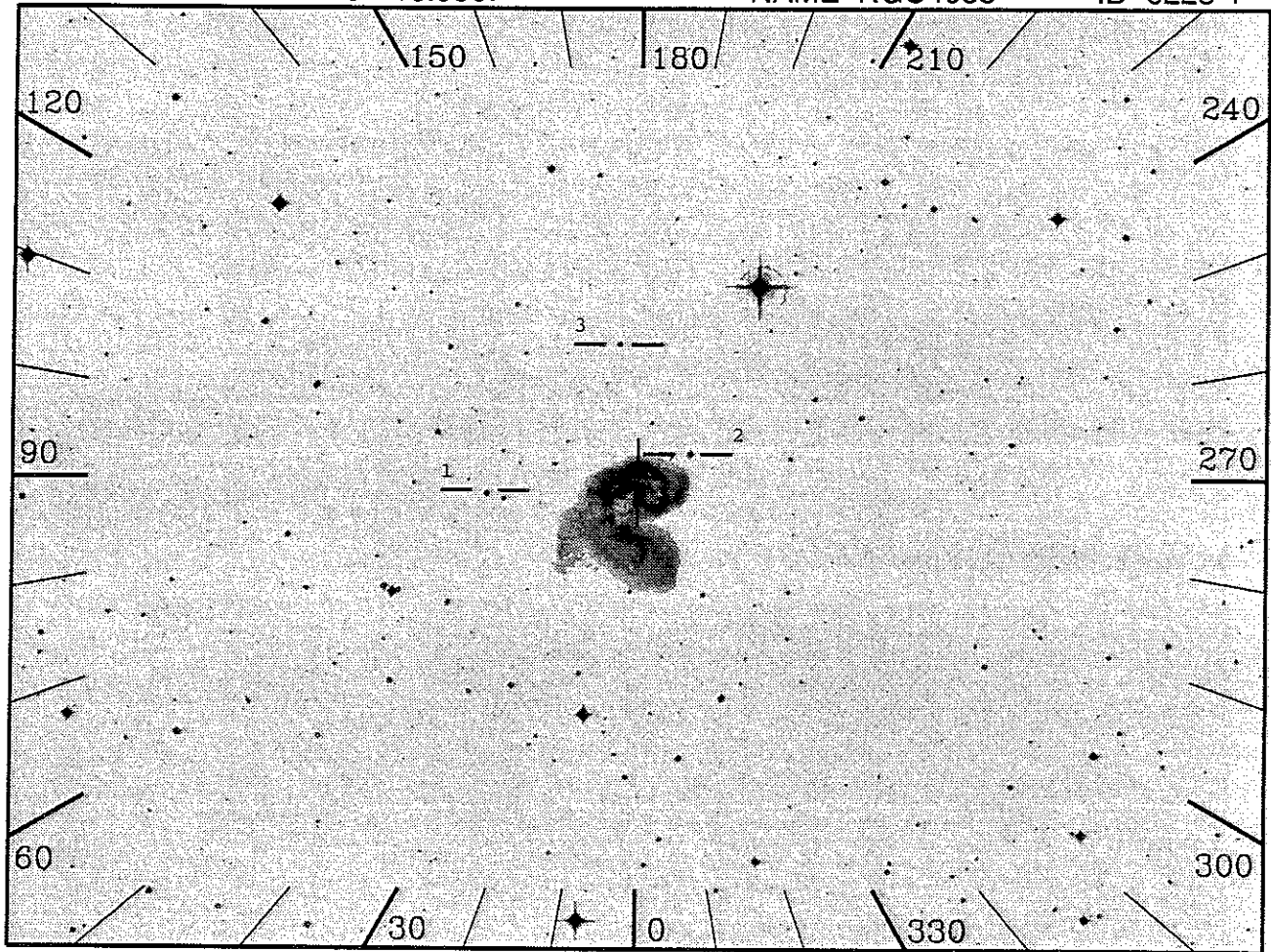


RA 179.8292

DEC -18.5867

NAME NGC4038

ID 6223-1



10"x56", 1000(s), Day

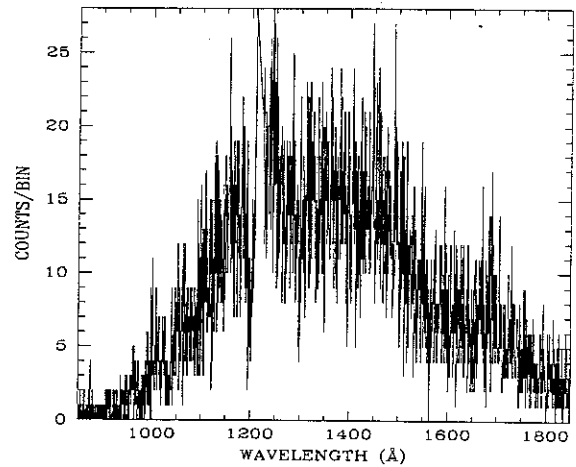
OBJECT: 6223 NGC4038

KEYWORDS: galaxies

COMMENTS:

Place the slit 10"x56" in the field fixed by guide stars.

No IUE data. HUTSIM is done by Kurucz model .



ID: 6223-1 U=Prime SciPgm= G22

Names: NGC4038 NGC4039

Info: Sc V= Wupmag=

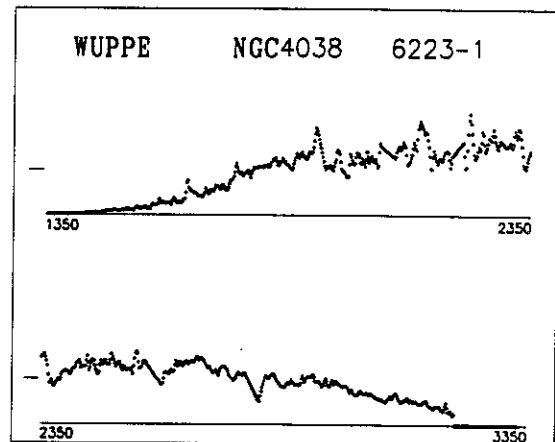
% Pol:

Pos Ang:

Mechanism:

Comments:

IUE data used for simulated spectrum is that of NGC4258 (6225).

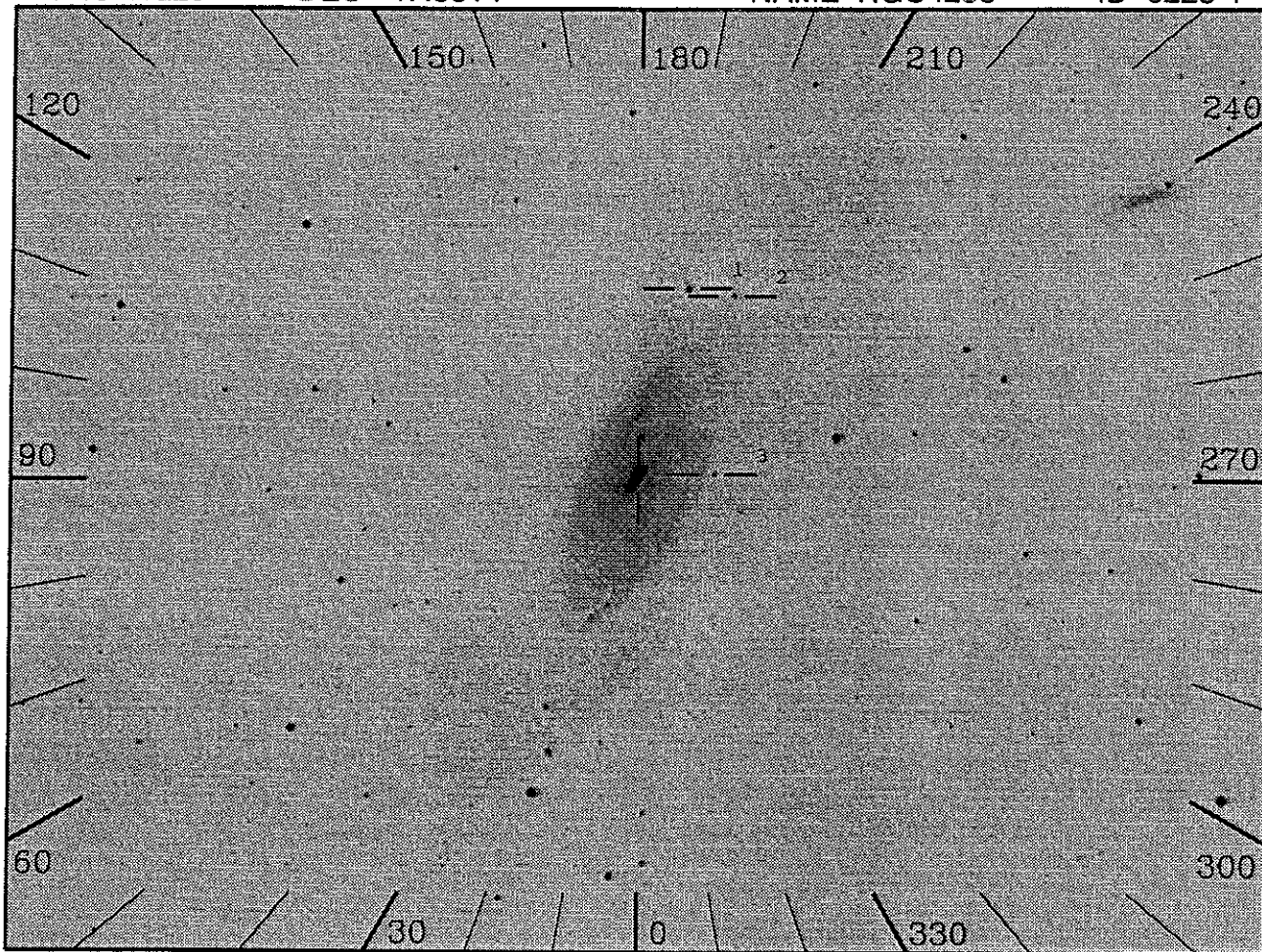


RA 184.1225

DEC 47.5814

NAME NGC4258

ID 6225-1



10"x56", 1000(s), Night

OBJECT: 6225 NGC4258

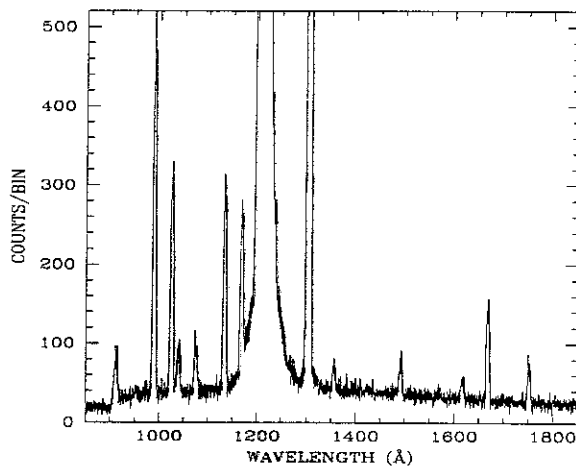
KEYWORDS: galaxies

COMMENTS:

Place the slit 10"x56" in the center of galaxy .

HUTSIM is done by input IUE spectrum.

There will be strong CIV (1550) absorption.



ID: 6225-1 U=Prime SciPgm= U10

Names: NGC4258

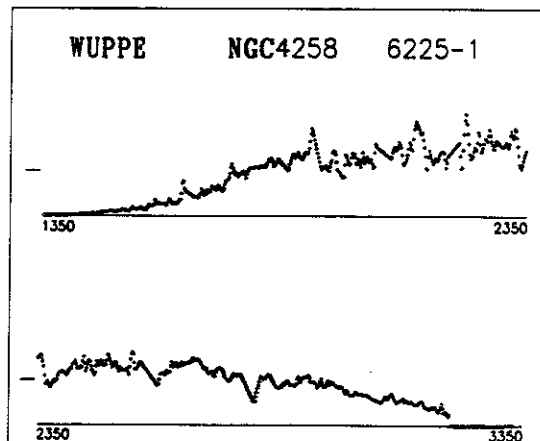
Info: Sb V= Wupmag=12.8

% Pol:

Pos Ang:

Mechanism:

Comments:

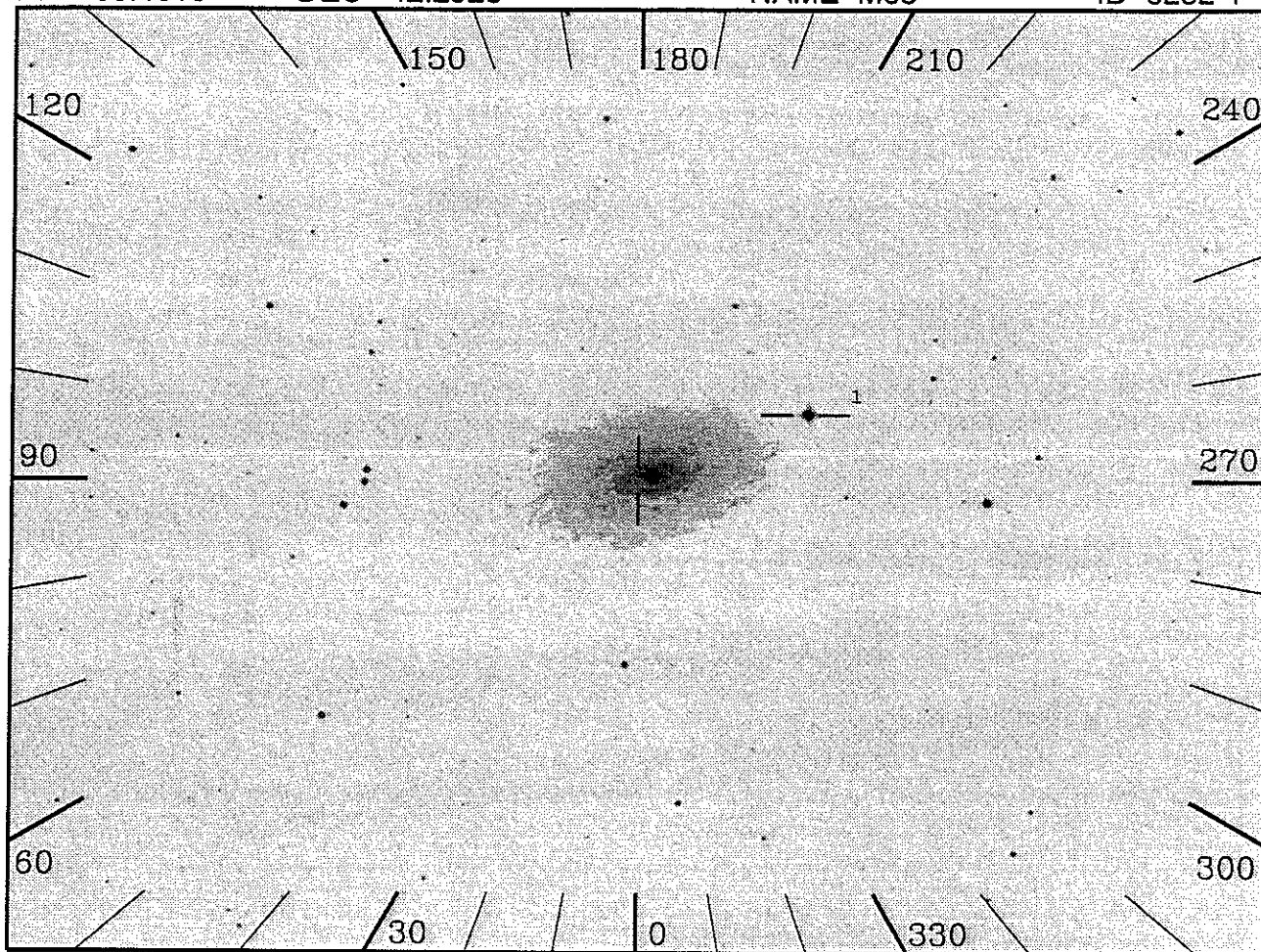


RA 198.4018

DEC 42.2928

NAME M63

ID 6232-1



10"x56", 1000(s), Day

OBJECT: 6232 M63

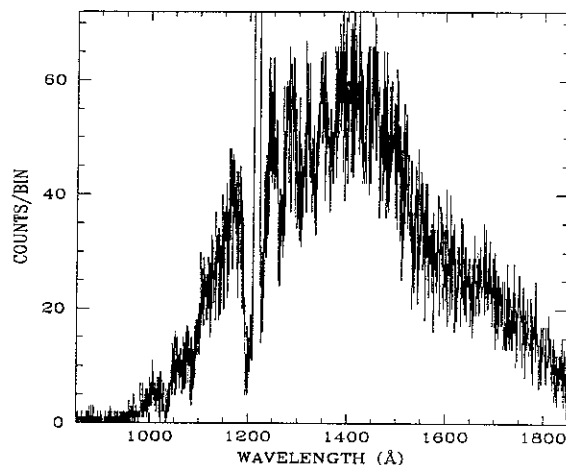
KEYWORDS: galaxies

COMMENTS:

This is a spiral galaxy with bar structure. Place the slit 10"x56" in the center of the galaxy .

There is a bright star on the edge of the slit.

HUTSIM is done by Kurucz model.



ID: 6232-1 U=Prime SciPgm= G22

Names: M63 NGC5055

Info: Sb V= Wupmag=

% Pol:

Pos Ang:

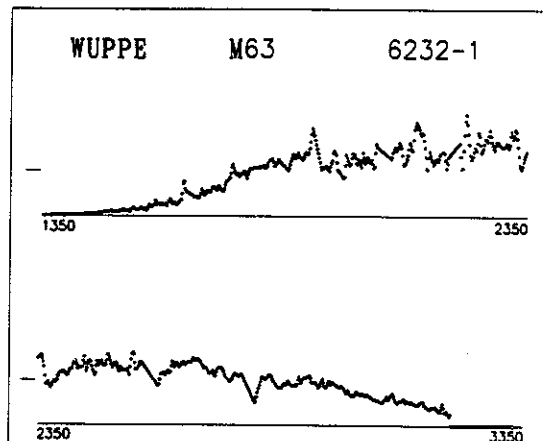
Mechanism:

Comments:

Emline Galaxy. Get nucleus spectrum.

IUE data used for simulated spectrum is

that of NGC4258 (6225).

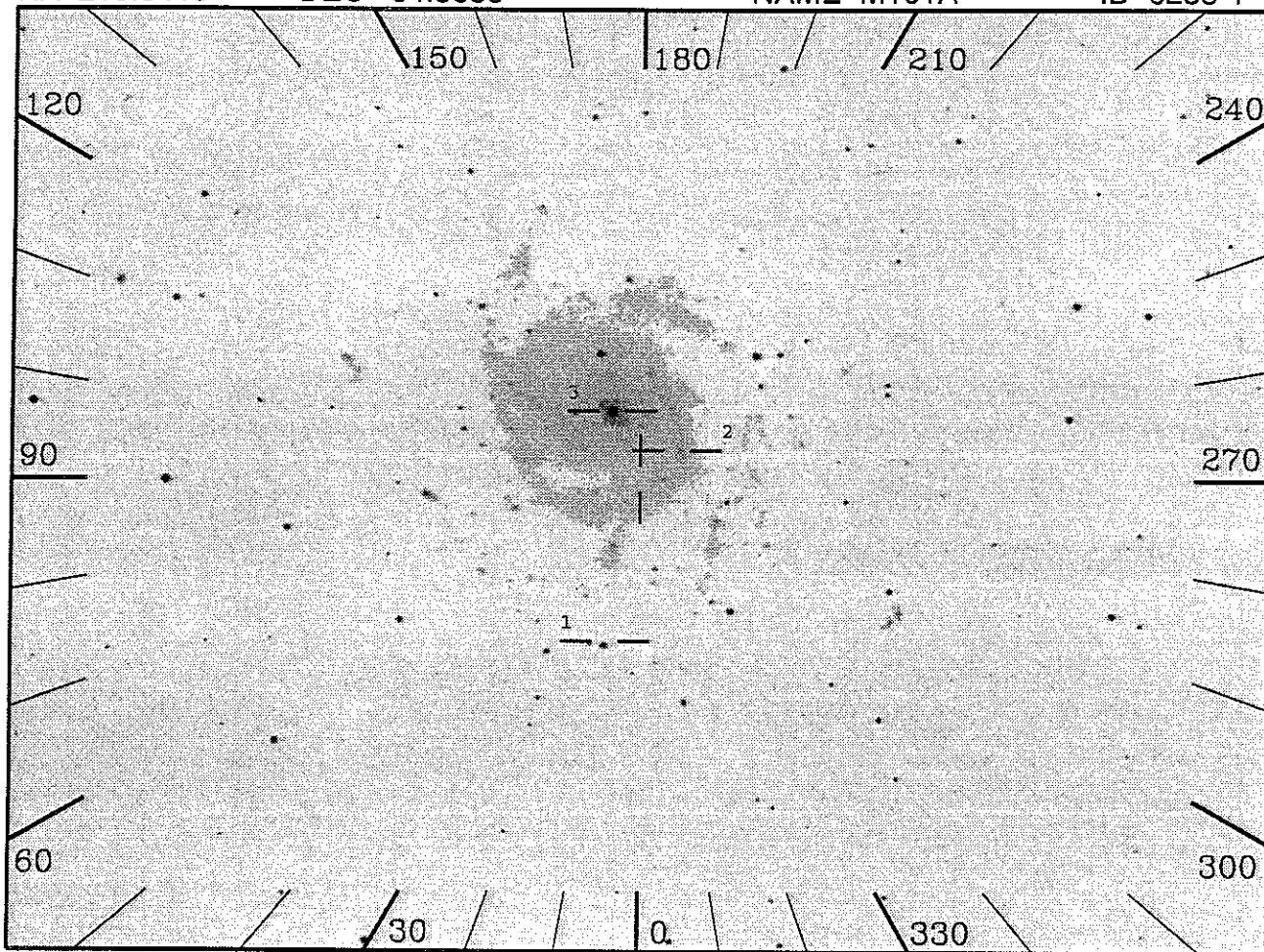


RA 210.3418

DEC 54.5633

NAME M101A

ID 6235-1



10"x56", 1000(s), Night

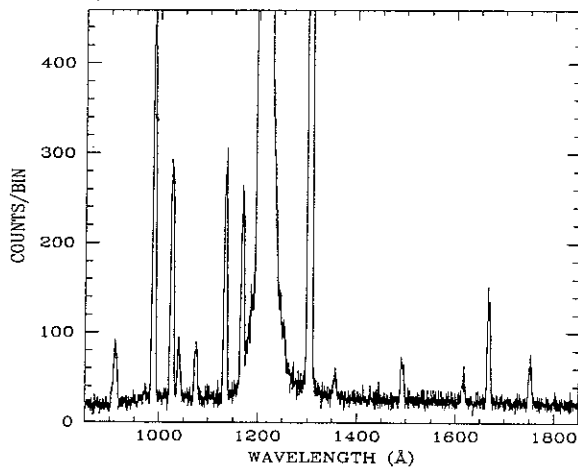
OBJECT: 6235 M101A

KEYWORDS: galaxies

COMMENTS:

Place 10"x56" slit in the center of the galaxy.

HUTSIM is done by input IUE spectrum.



ID: 6235-1 U=Prime SciPgm= U10

Names: M101A NGC5457

Info: Sc V= Wupmag=14.5

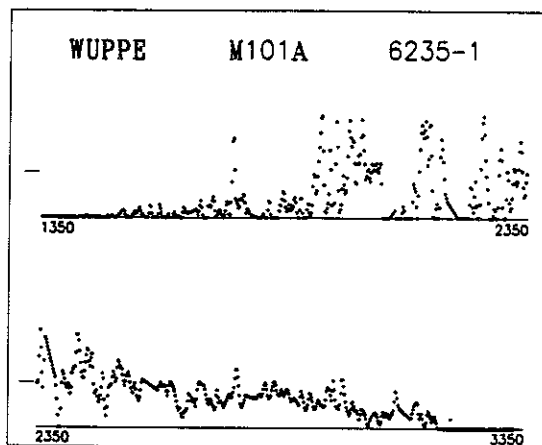
% Pol:

Pos Ang:

Mechanism: Dust scattering

Comments:

Spiral galaxy.

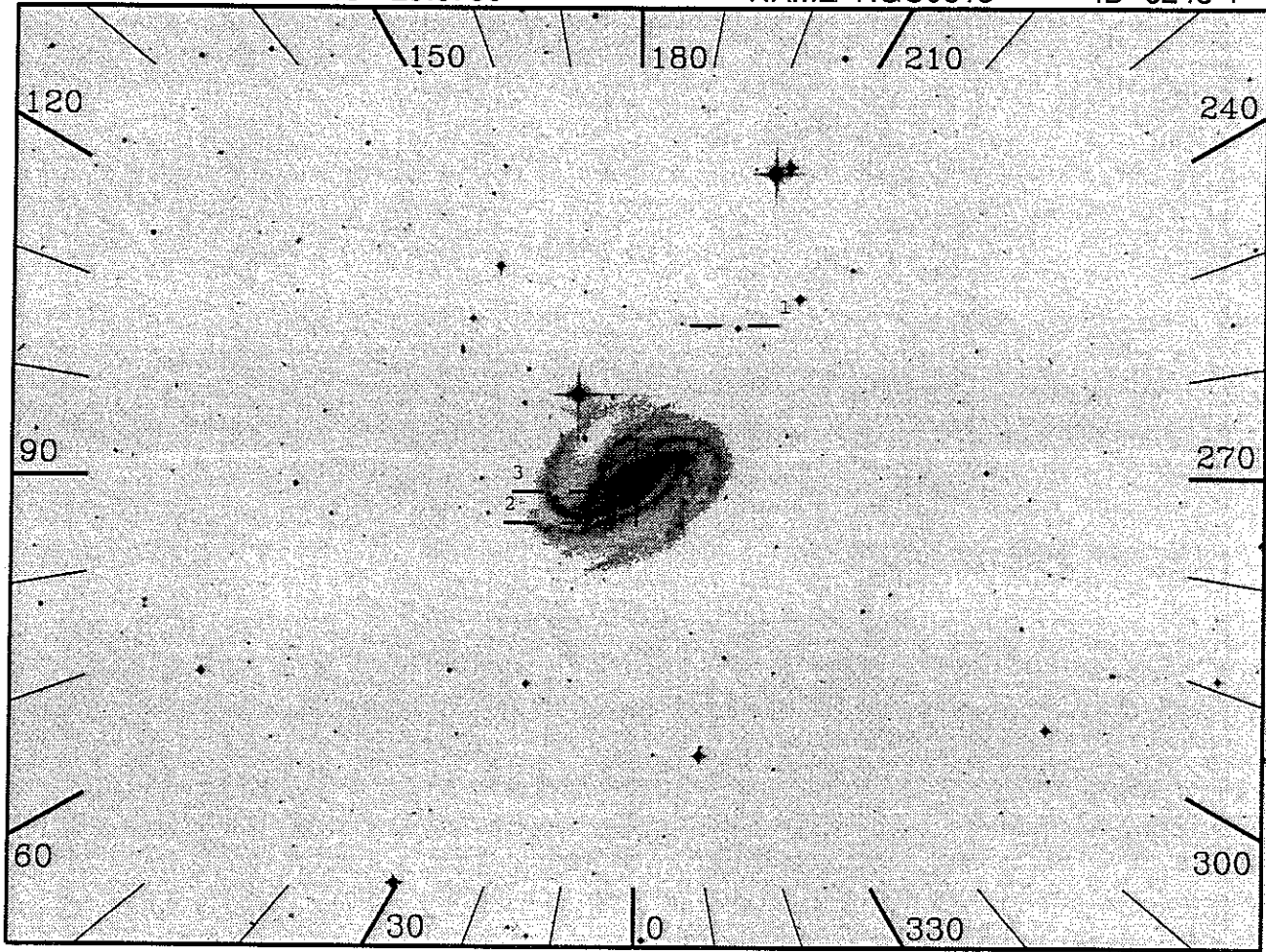


RA 22.9958

DEC -29.6750

NAME NGC0613

ID 6243-1



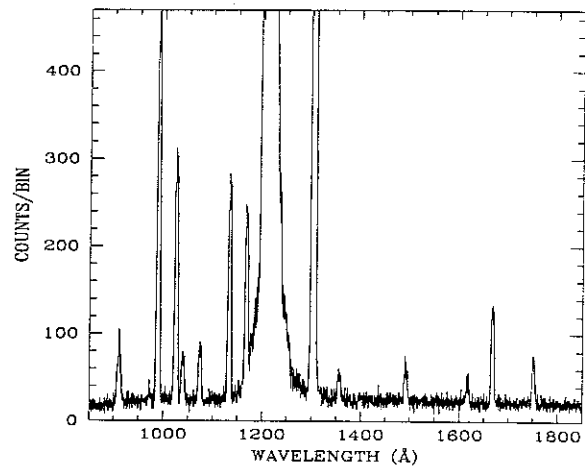
10"x56", 1000(s), Day

OBJECT: 6243 NGC0613

KEYWORDS: galaxies

COMMENTS:

This is a bright galaxy and there is a bright star in the field. Place the slit in the center of the galaxy. No IUE observation was found so the HUTSIM is done by using a power law (assuming it is a linear galaxy). The flux level at 1500A is calculated from the magnitude.



ID: 6243-1 U=Prime SciPgm= U10

Names: NGC0613

Info: SBB V= Wupmag=

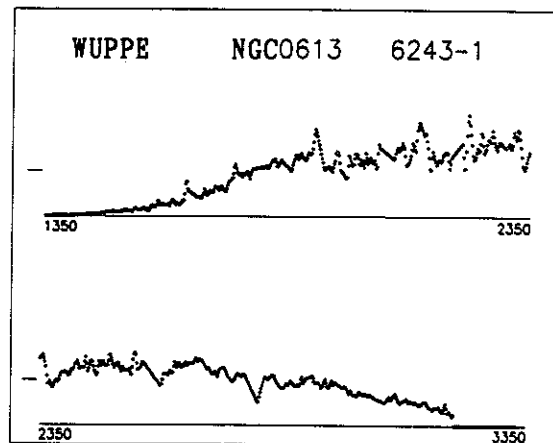
% Pol:

Pos Ang:

Mechanism:

Comments:

IUE data used for simulated spectrum is that of NGC4258 (6225).

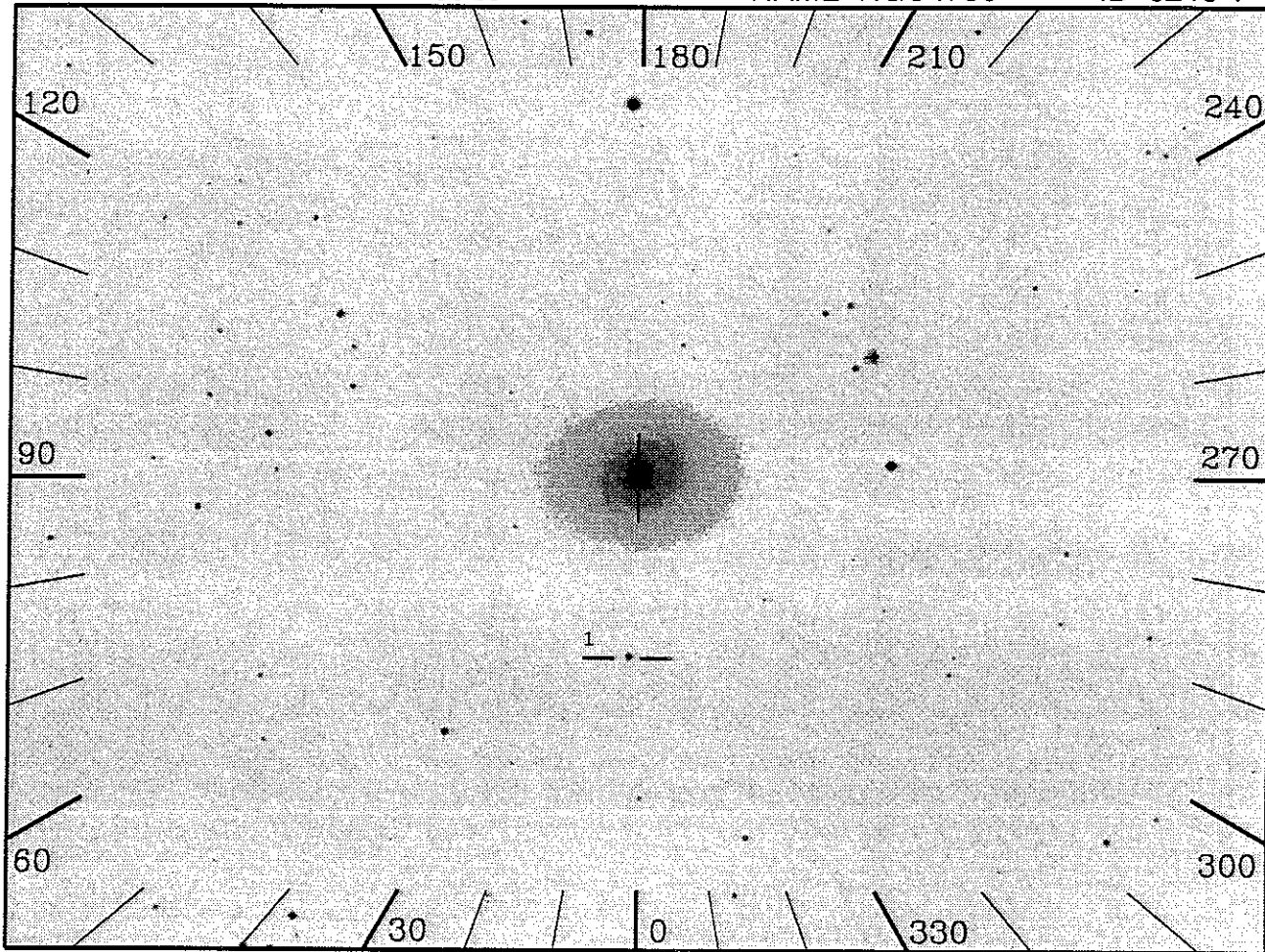


RA 192.1328

DEC 41.3920

NAME NGC4736

ID 6246-1



10"x56", 1000(s), Day

OBJECT: 6246 NGC4736

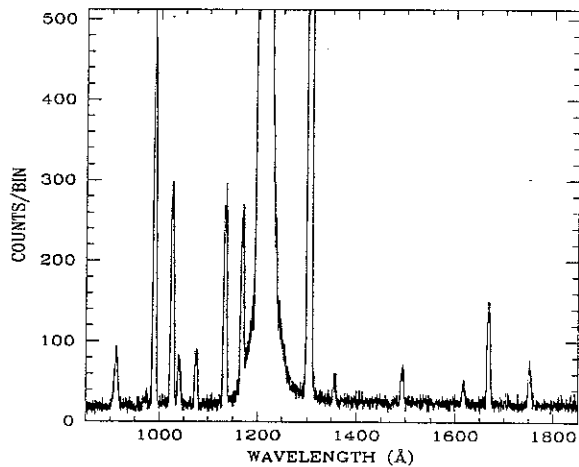
KEYWORDS: galaxies

COMMENTS:

Place slit 10"x56" in the center of the galaxy .

HUTSIM is done by input IUE spectrum.

There will be a bunch of absorption lines in the HUT spectrum.



ID: 6246-1 U=Prime SciPgm= G22

Names: NGC4736

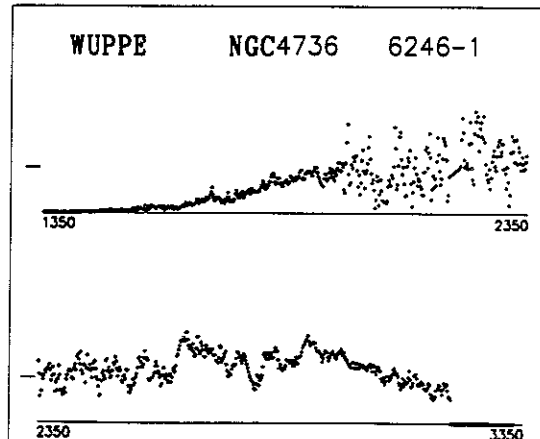
Info: Sc V= Wupmag=12.6

% Pol:

Pos Ang:

Mechanism:

Comments:

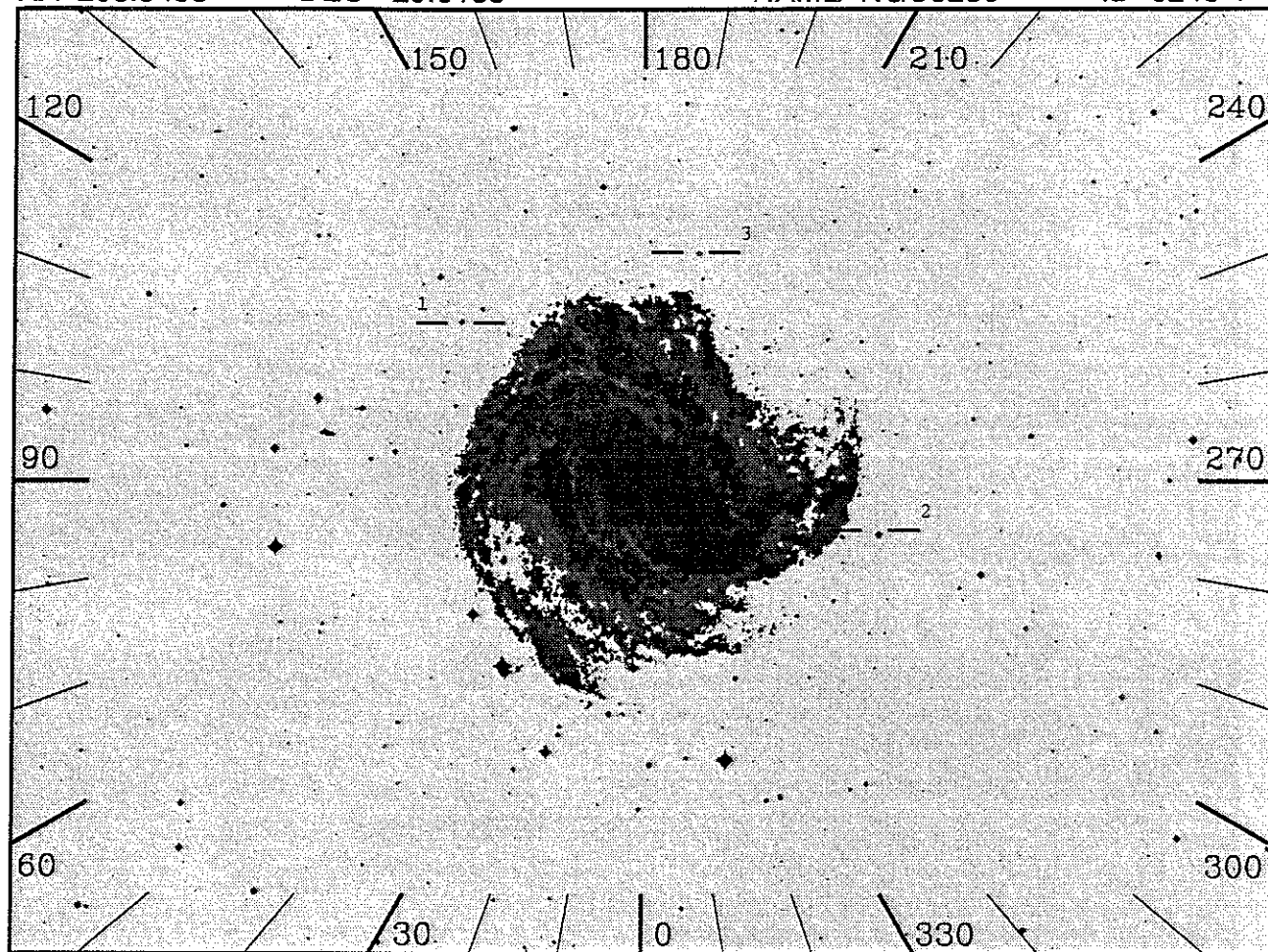


RA 203.5458

DEC -29.6133

NAME NGC5236

ID 6248-1



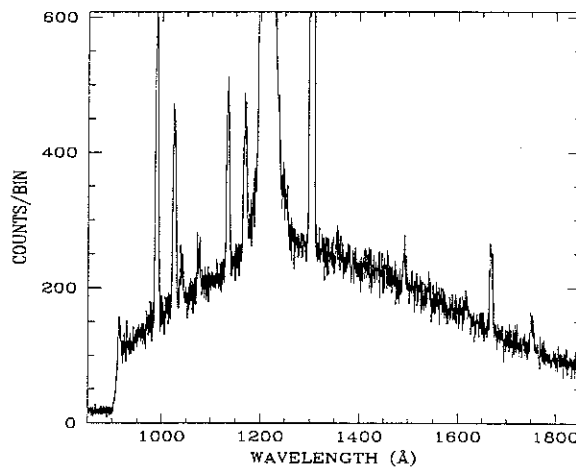
20", 1000(s), Day

OBJECT: 6248 NGC5236 (M83)

KEYWORDS: galaxies

COMMENTS:

While UIT observes NGC5236 (M83), HUT will point at the UV-bright starburst nucleus.



ID: 6248-1 U=Prime SciPgm= G22

Names: NGC5236

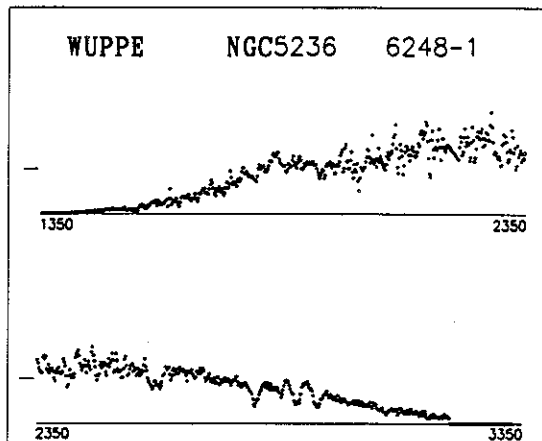
Info: SBc V= Wupmag=10.0

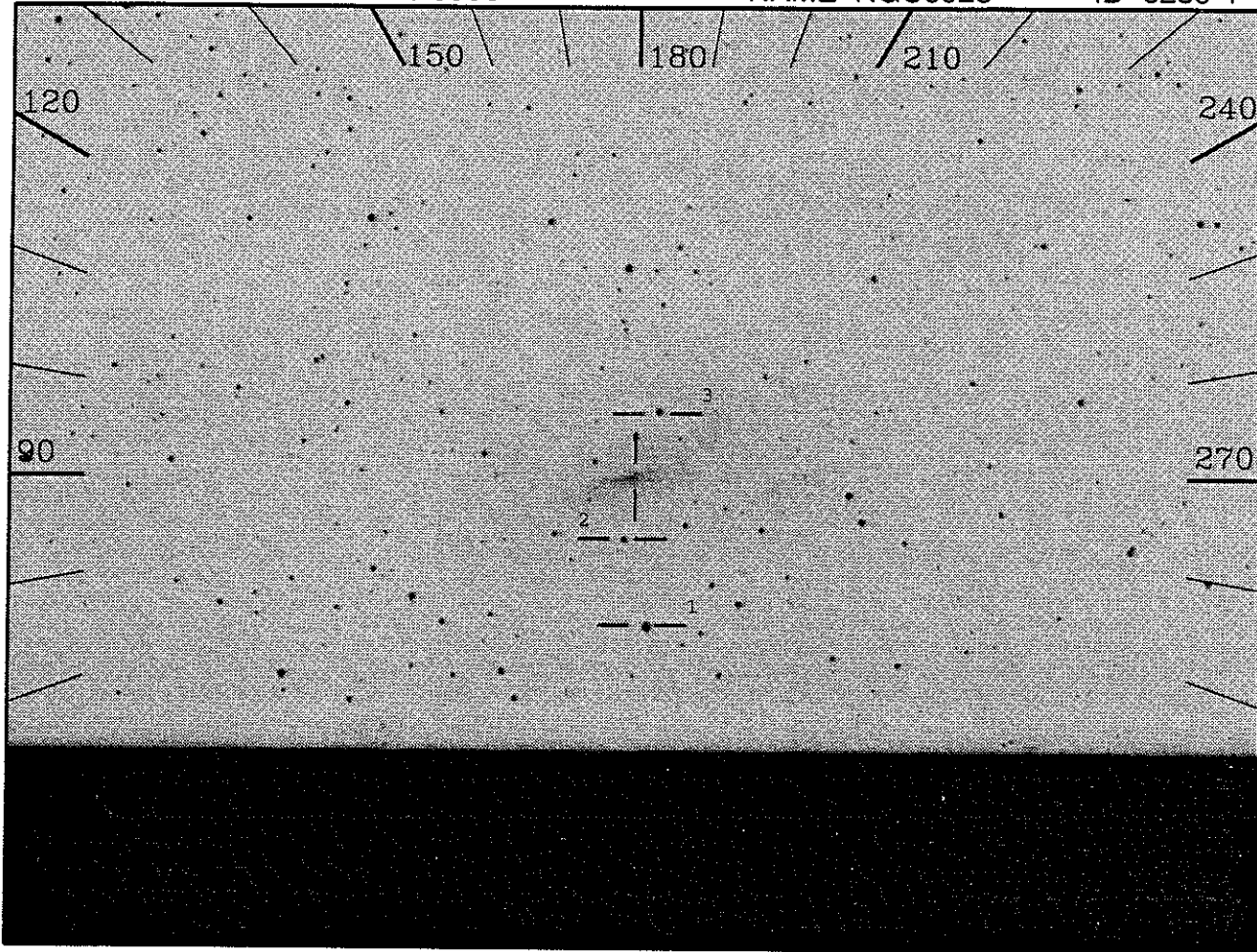
% Pol:

Pos Ang:

Mechanism:

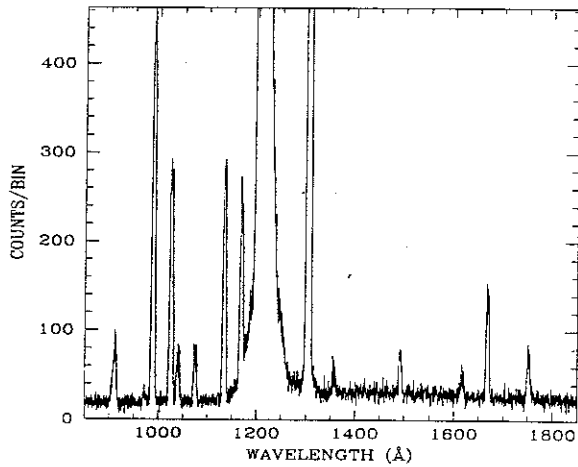
Comments:



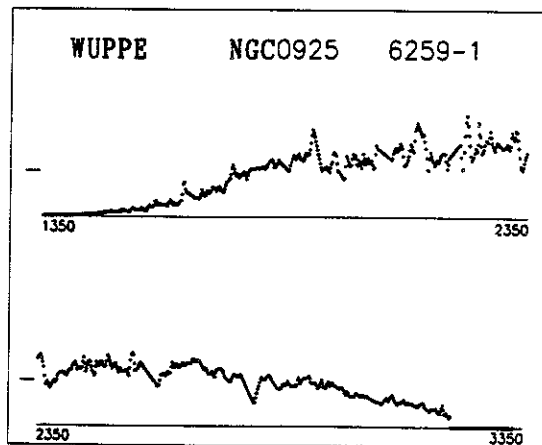


OBJECT: 6259 NGC0925
 KEYWORDS: galaxies
 COMMENTS:
 This is a very faint galaxy. Place the slit in the center of the galaxy.
 No IUE data available, so the HUTSIM is done by a Kurucz model.

10"x56", 1000(s), Night



ID: 6259-1 U=Prime SciPgm= G22
 Names: NGC0925
 Info: SBc/Sc V= Wupmag=11.9
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 IUE data used for simulated spectrum is that of NGC4258 (6225).

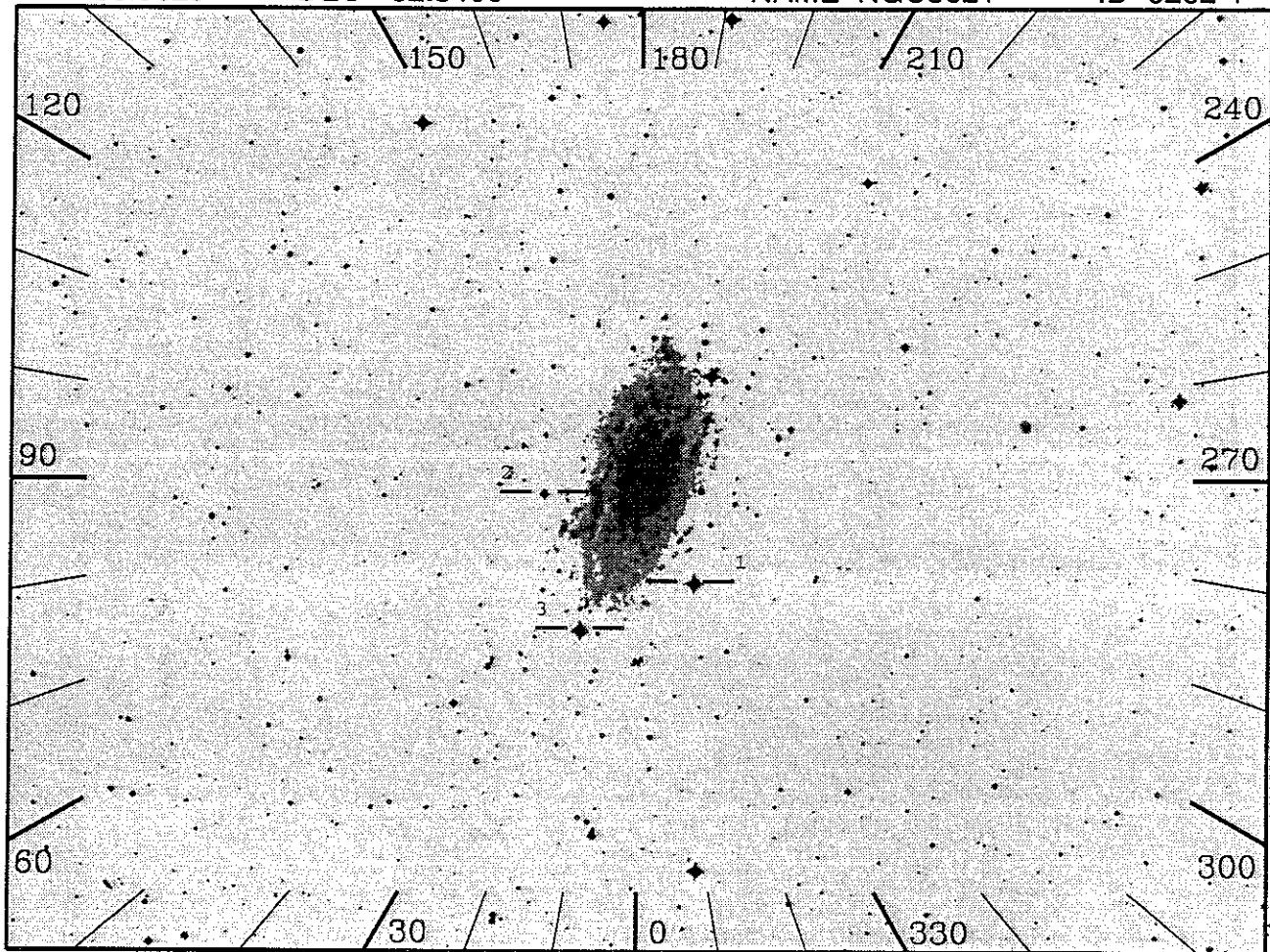


RA 168.9625

DEC -32.5400

NAME NGC3621

ID 6262-1



10"x56", 1000(s), Day

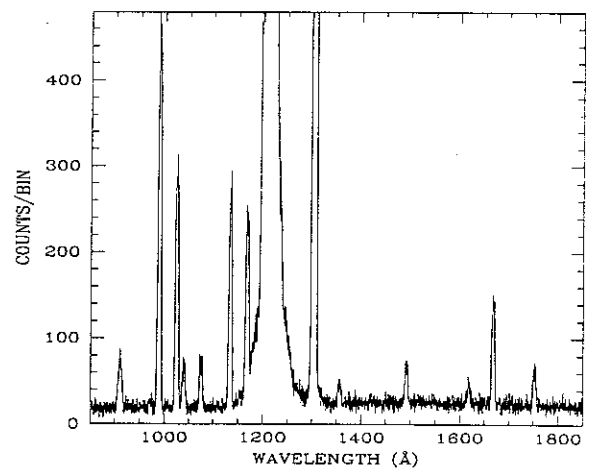
OBJECT: 6262 NGC3621

KEYWORDS: galaxies

COMMENTS:

Place slit 10"x56" in the center of the galaxy .

No IUE data. HUTSIM is done by Kurucz model.



ID: 6262-1 U=Prime SciPgm= G22

Names: NGC3621

Info: Sc V= Wupmag=

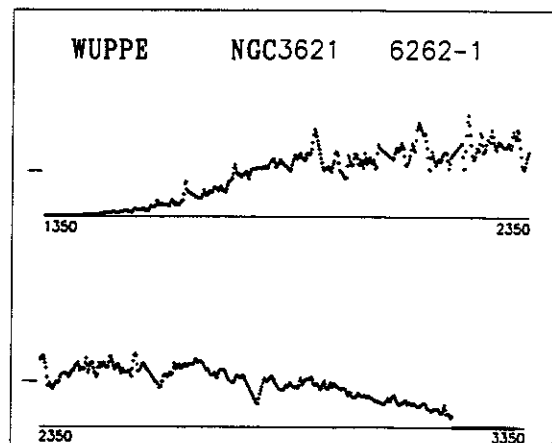
% Pol:

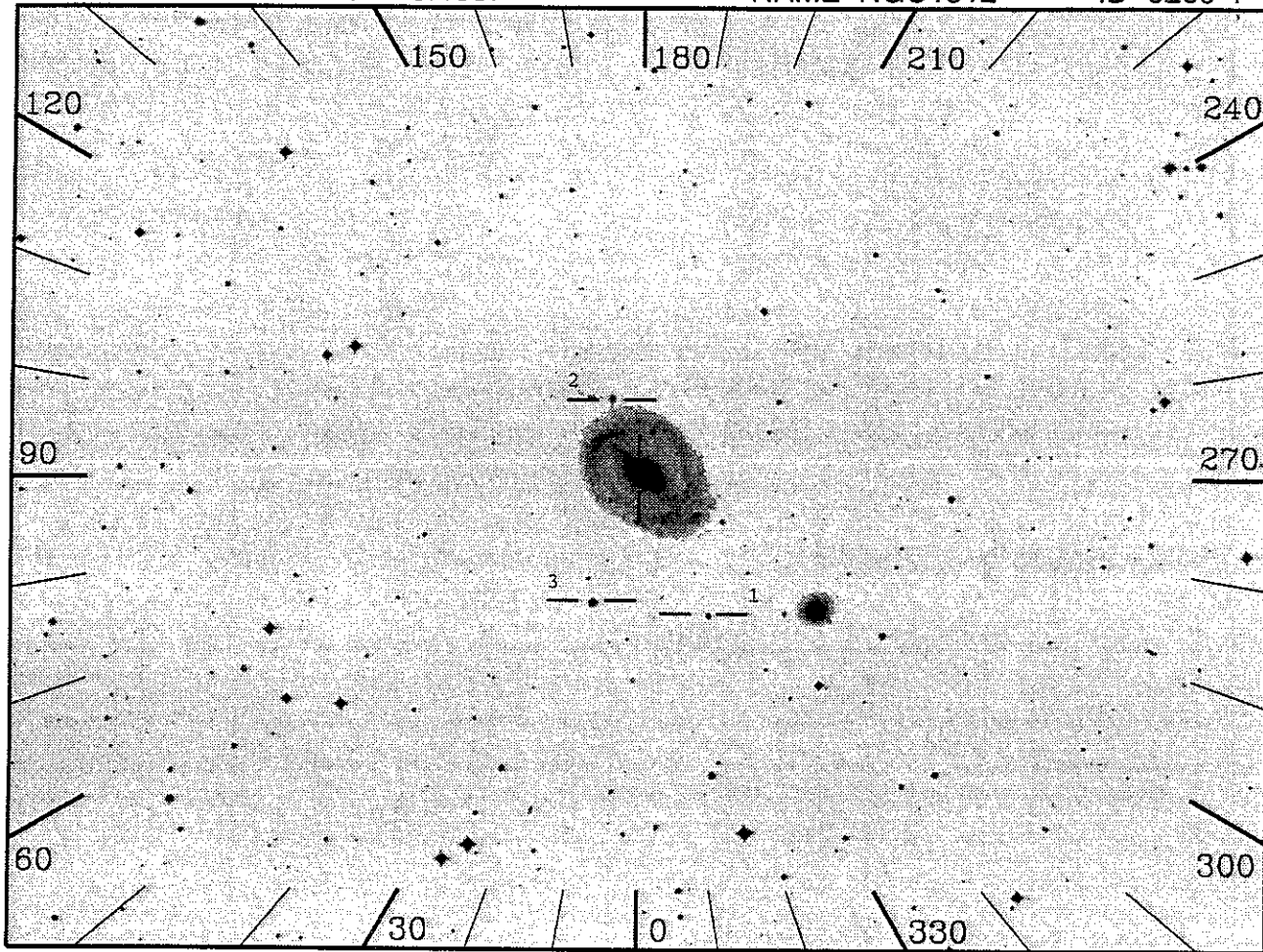
Pos Ang:

Mechanism:

Comments:

IUE data used for simulated spectrum is that of NGC4258 (6225).





10"x56", 1000(s), Night

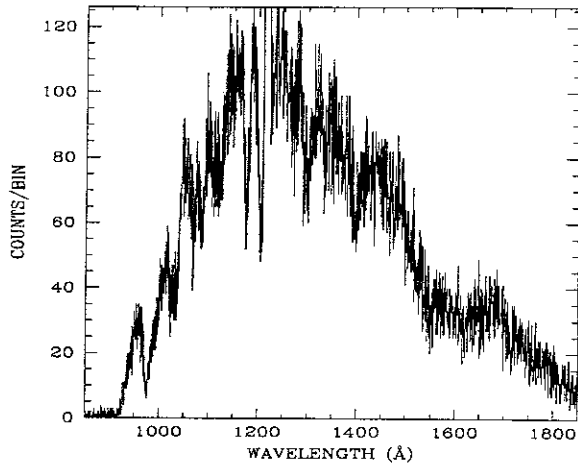
OBJECT: 6269 NGC1512

KEYWORDS: galaxies

COMMENTS:

Place the slit 10"x56" in the center of the galaxy.

No IUE data . HUTSIM is done by using Kurucz model.



ID: 6269-1 U=Prime SciPgm= G22

Names: NGC1512

Info: SBb:r V= Wupmag=

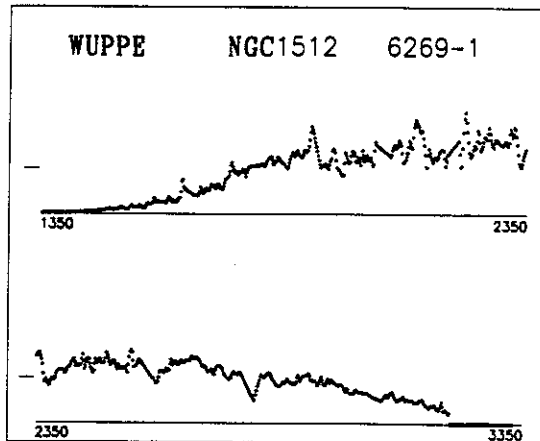
% Pol:

Pos Ang:

Mechanism:

Comments:

IUE data used for simulated spectrum is that of NGC4258 (6225).

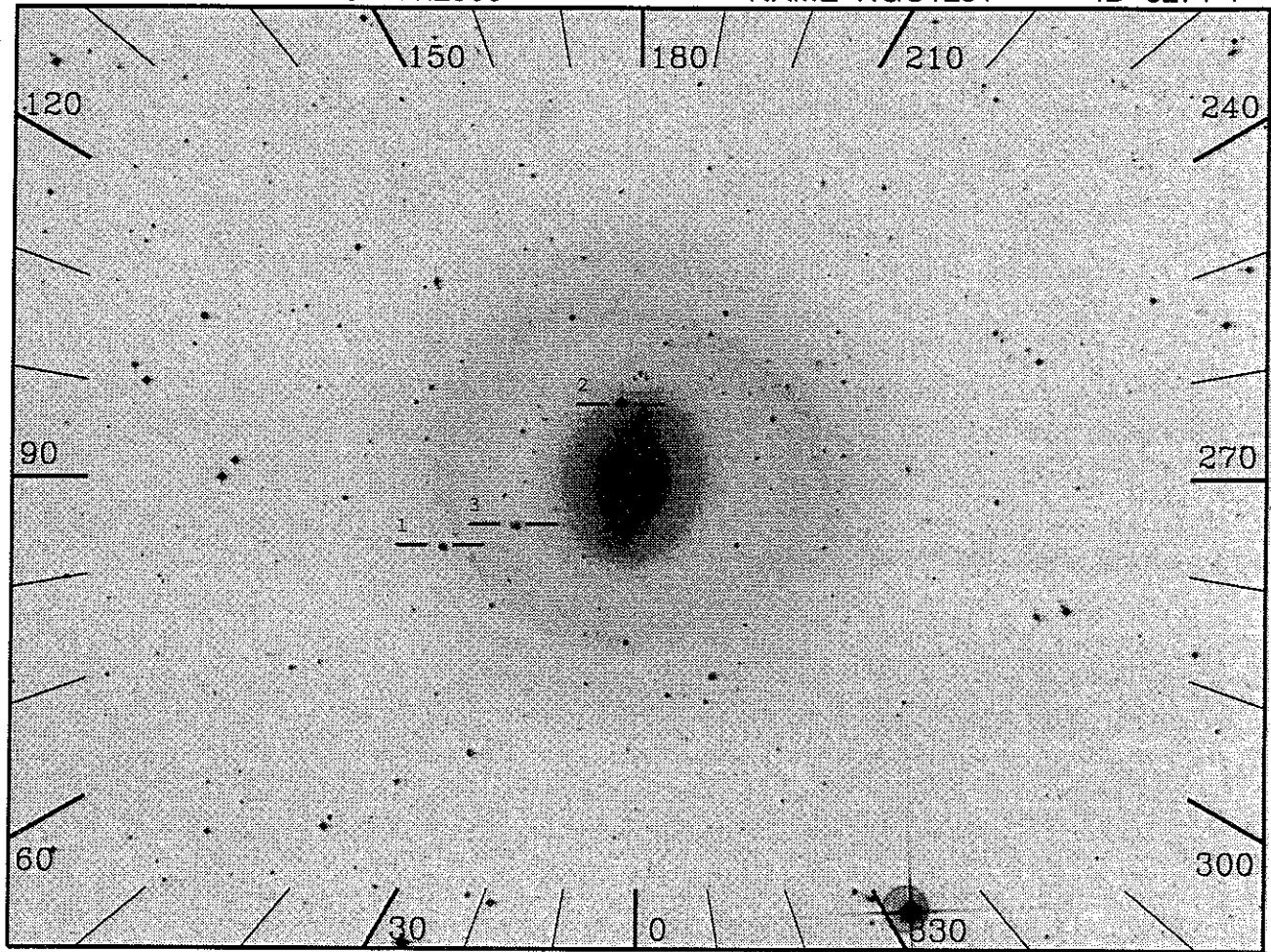


RA 48.8667

DEC -41.2900

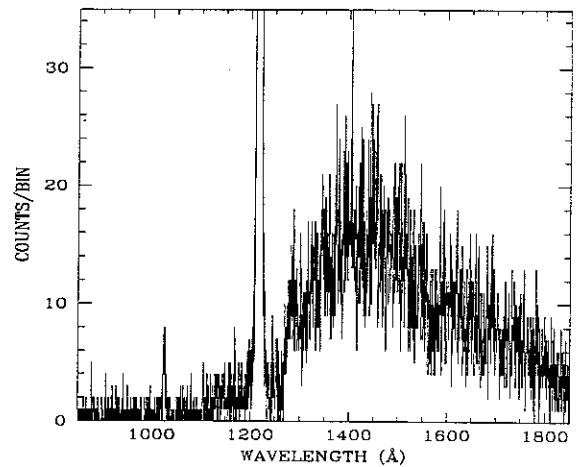
NAME NGC1291

ID 6271-1

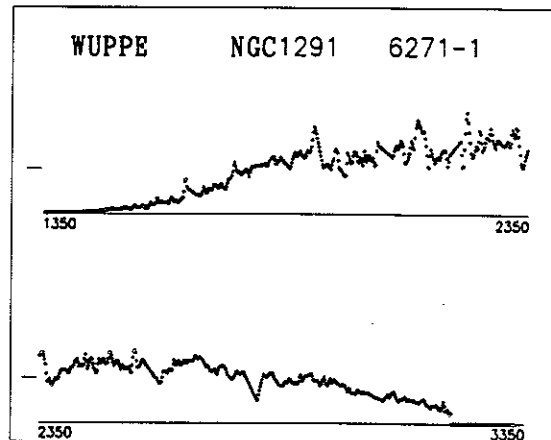


10"x56", 1000(s), Night

OBJECT: 6271 NGC1291
 KEYWORDS: galaxies
 COMMENTS:



ID: 6271-1 U=Prime SciPgm= G22
 Names: NGC1291
 Info: SBa V= Wupmag=
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:
 IUE data used for simulated spectrum is
 that of NGC4258 (6225).

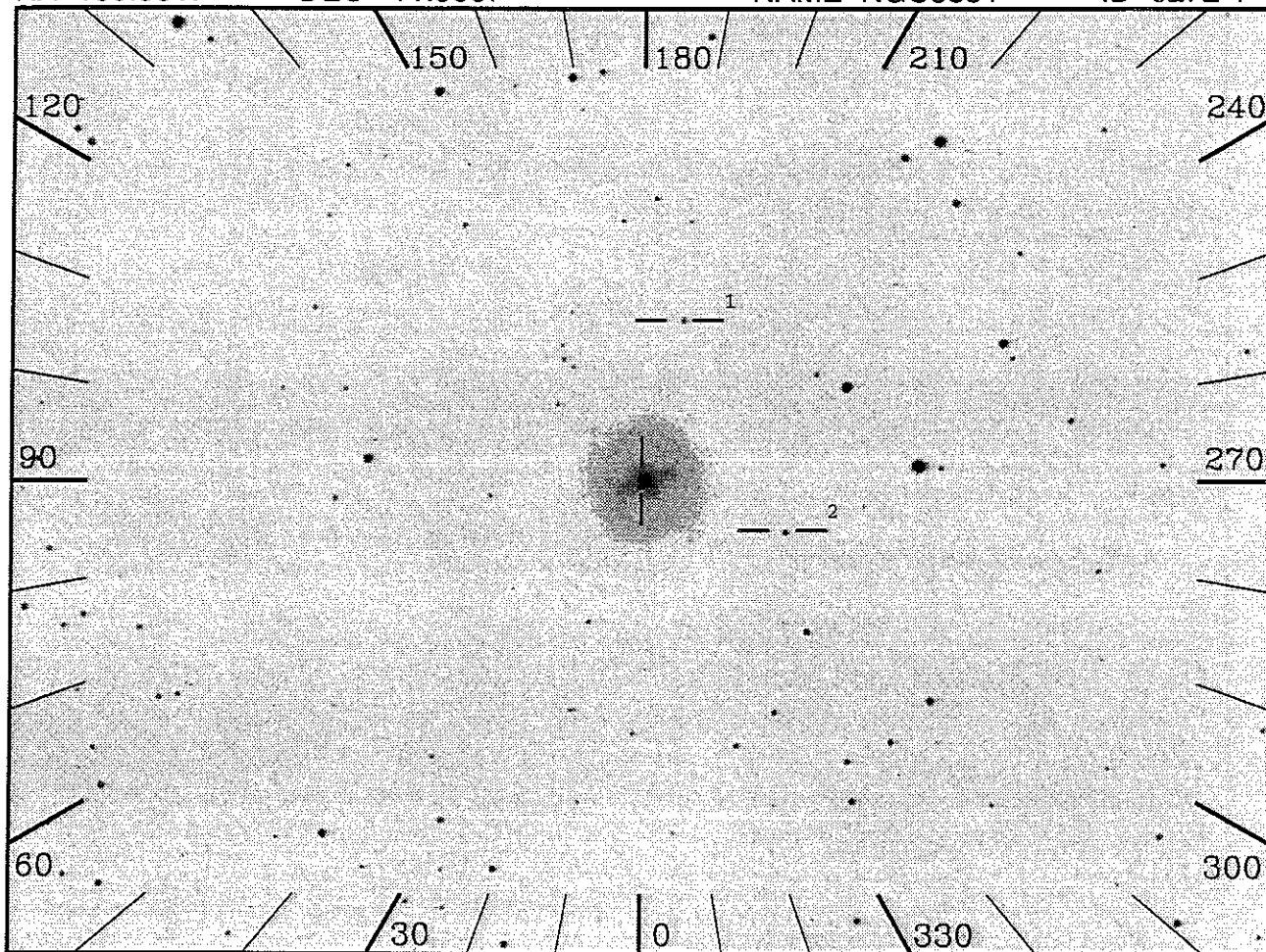


RA 160.3317

DEC 11.9667

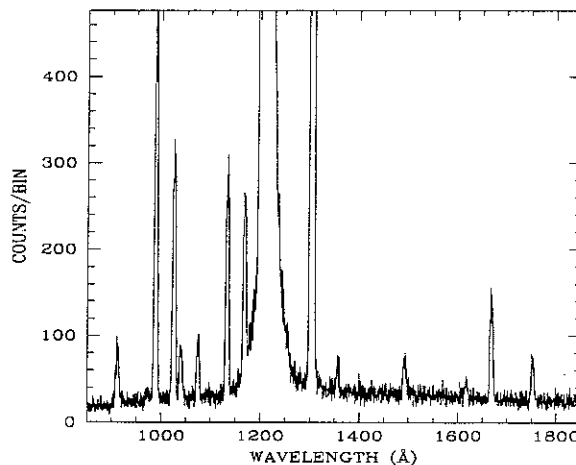
NAME NGC3351

ID 6272-1

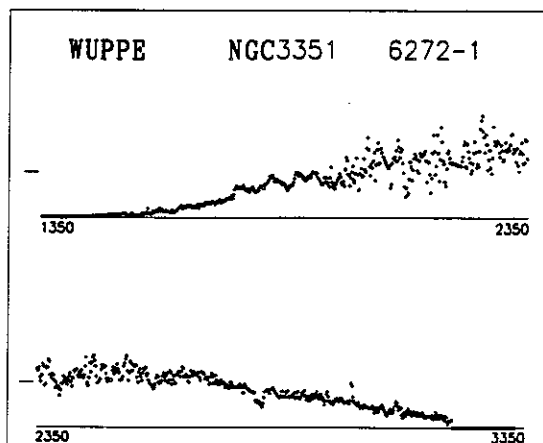


10"x56", 1000(s), Day

OBJECT: 6272 NGC3351
 KEYWORDS: galaxies
 COMMENTS:



ID: 6272-1 U=Prime SciPgm= G22
 Names: NGC3351
 Info: SBb V= Wupmag=12.1
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

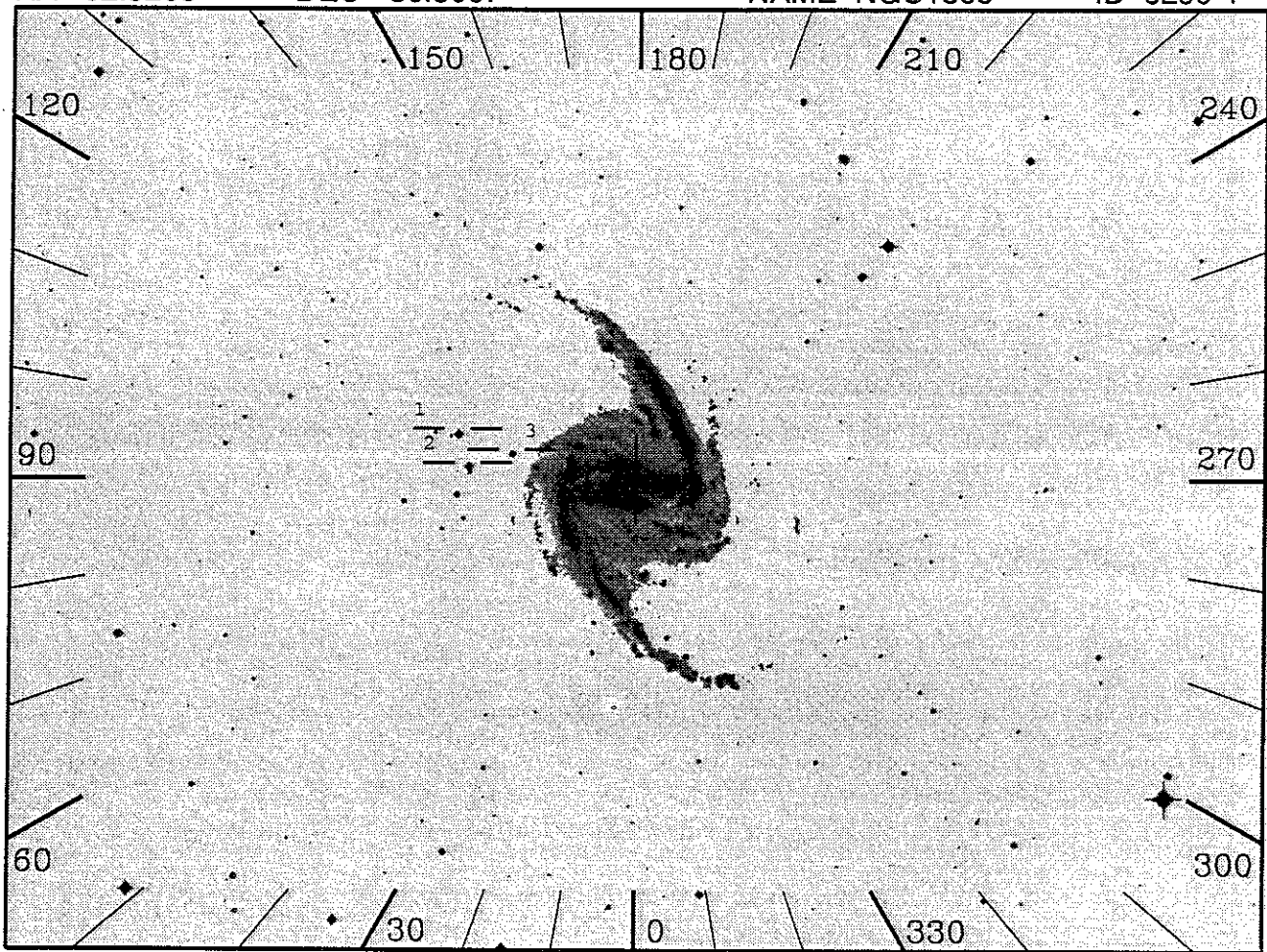


RA 52.9208

DEC -36.3067

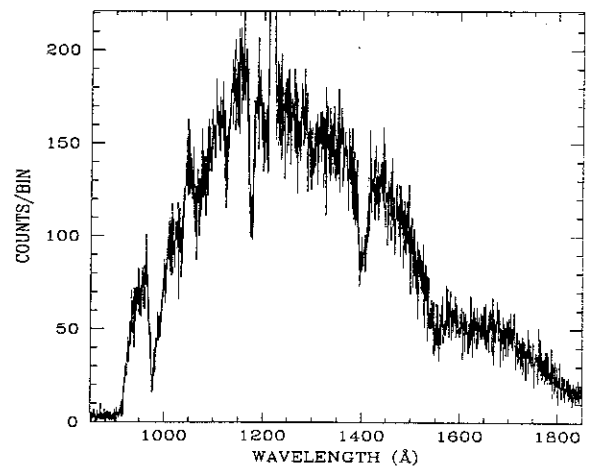
NAME NGC1365

ID 6299-1

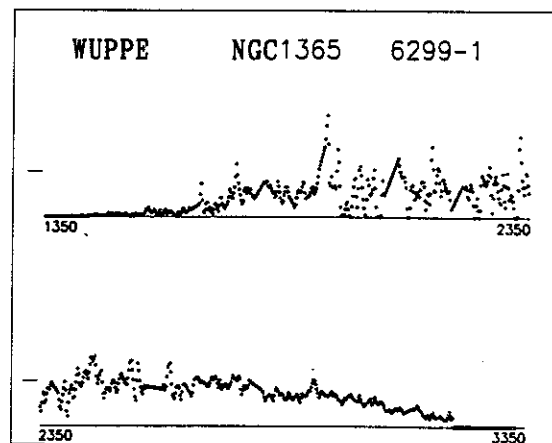


10"x56", 1000(s), Night

OBJECT: 6299 NGC1365
 KEYWORDS: galaxies
 COMMENTS:



ID: 6299-1 U=Prime SciPgm= G22
 Names: NGC1365
 Info: SBbc V= Wupmag=12.9
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

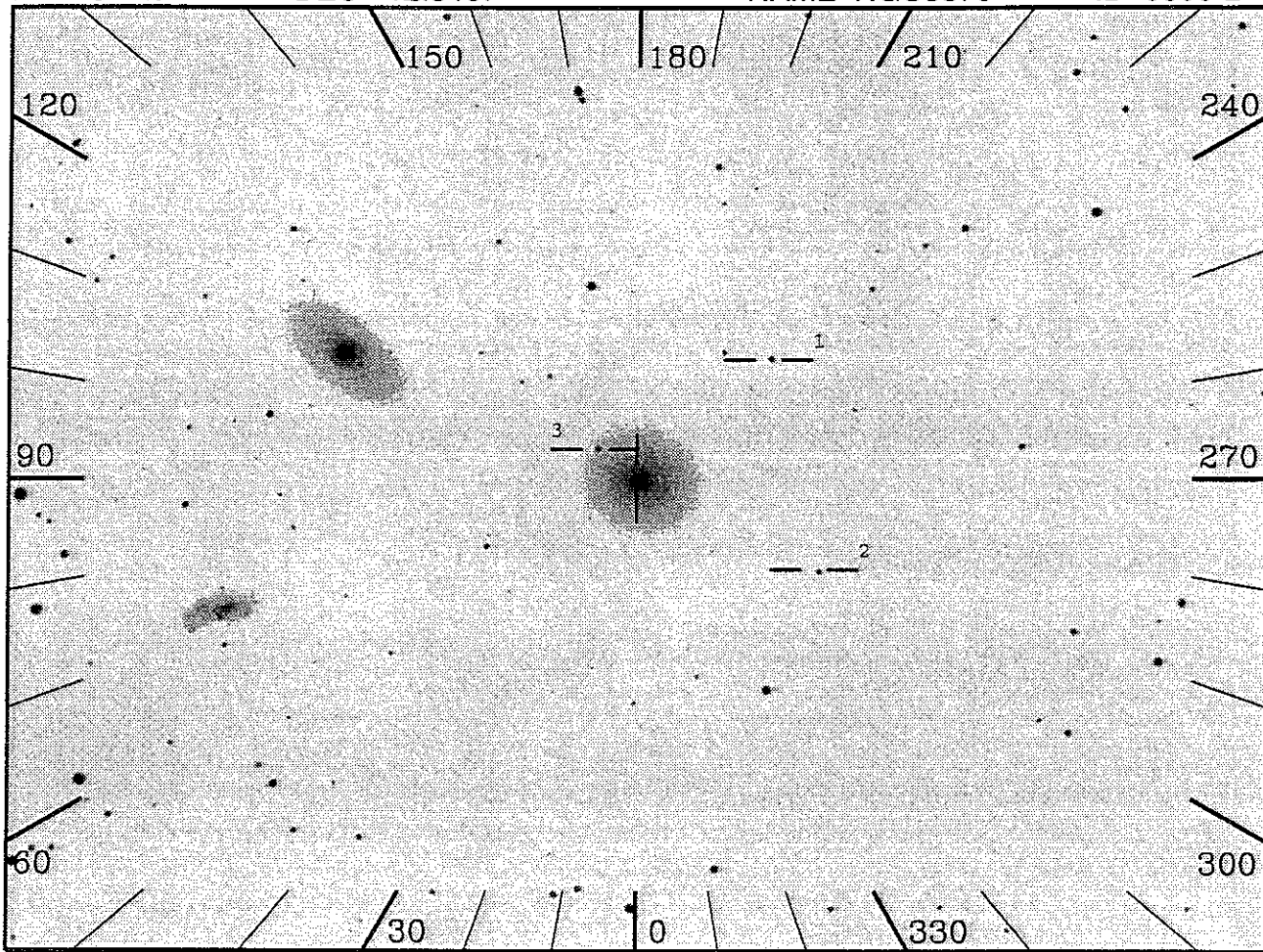


RA 161.2971

DEC 12.8467

NAME NGC3379

ID 6306-2



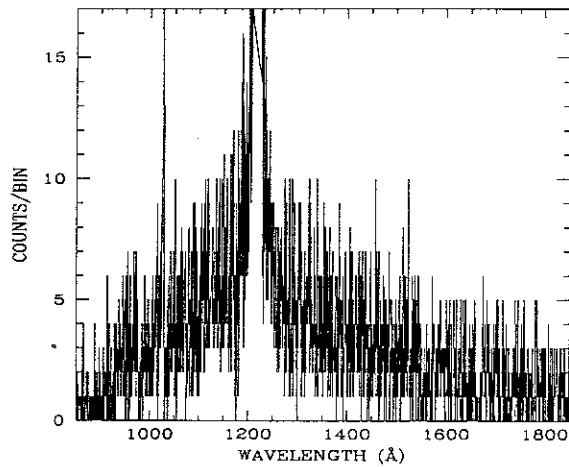
11x60", 1000(s), Night

OBJECT: 6306 NGC3379 (M105)

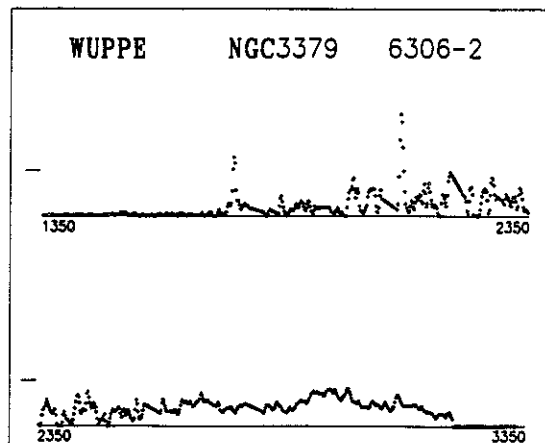
KEYWORDS: Elliptical galaxy

COMMENTS:

This is the central galaxy in the Leo group.
 Its 1550-V color is 3.86, slightly redder than M31.
 Center on the nucleus to get an integrated spectrum
 of the stellar population.



ID: 6306-2 H=Prime SciPgm= H07
 Names: NGC3379 M105
 Info: E0 V= Wupmag=13.2
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

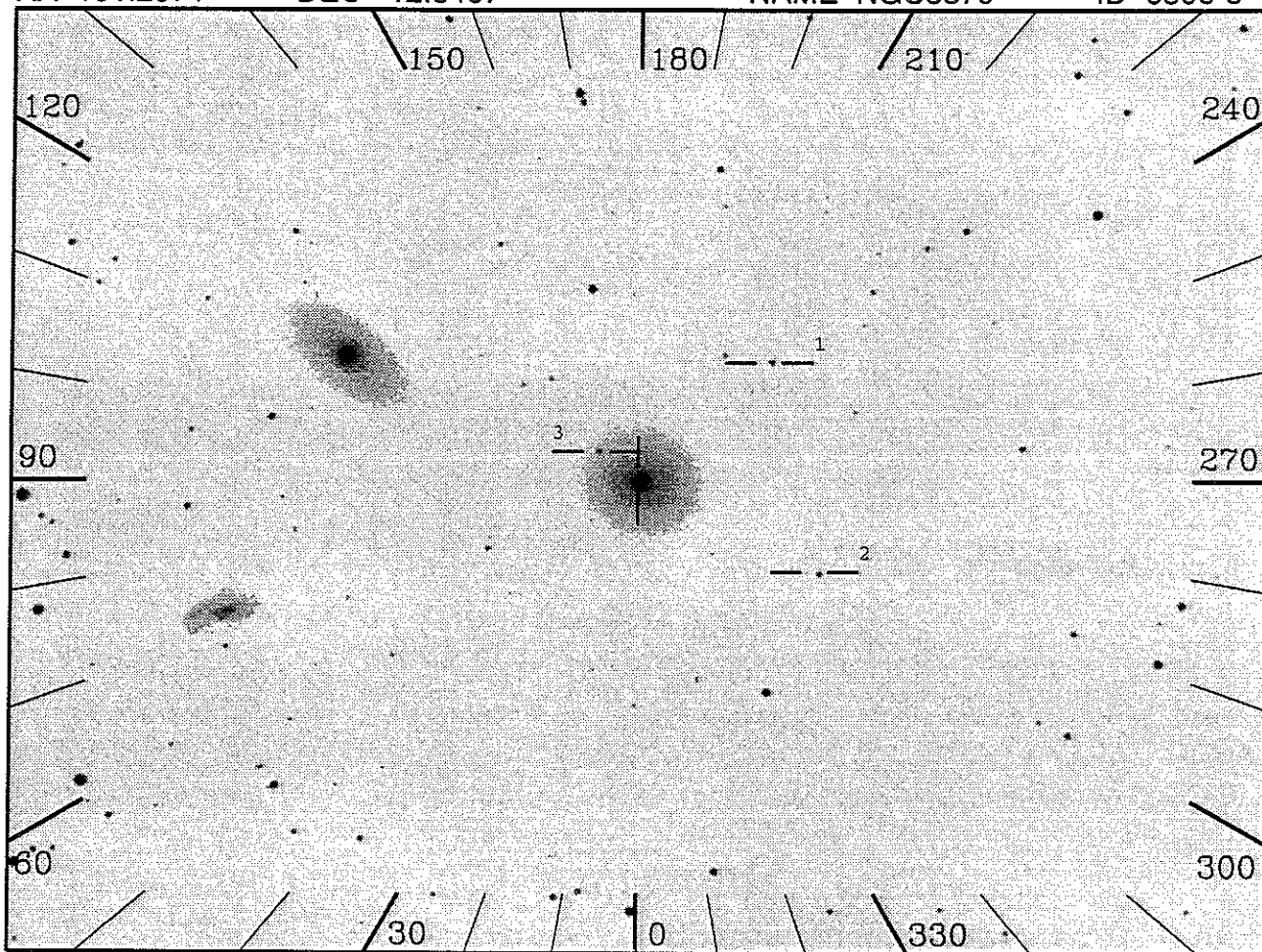


RA 161.2971

DEC 12.8467

NAME NGC3379

ID 6306-3



11x60", 1000(s), Night

OBJECT: 6306 NGC3379 (M105)

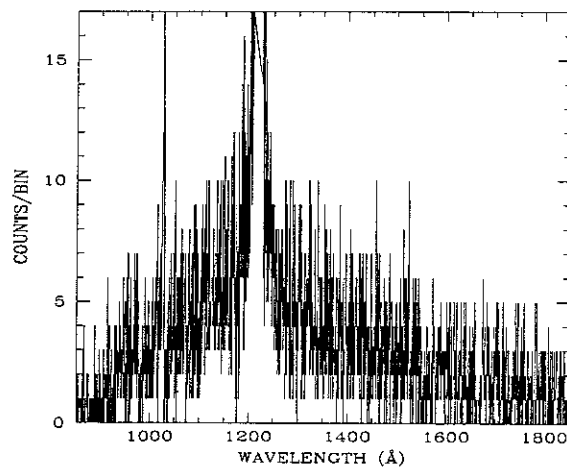
KEYWORDS: Elliptical galaxy

COMMENTS:

This is the central galaxy in the Leo group.

Its 1550-V color is 3.86, slightly redder than M31.

Center on the nucleus to get an integrated spectrum of the stellar population.



ID: 6306-3 H=Prime SciPgm= H07

Names: NGC3379 M105

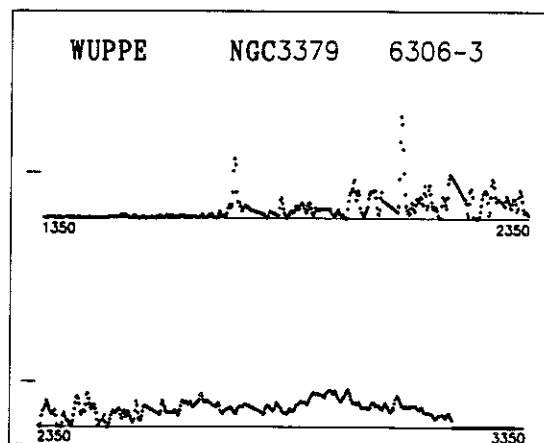
Info: E0 V= Wupmag=13.2

% Pol:

Pos Ang:

Mechanism:

Comments:

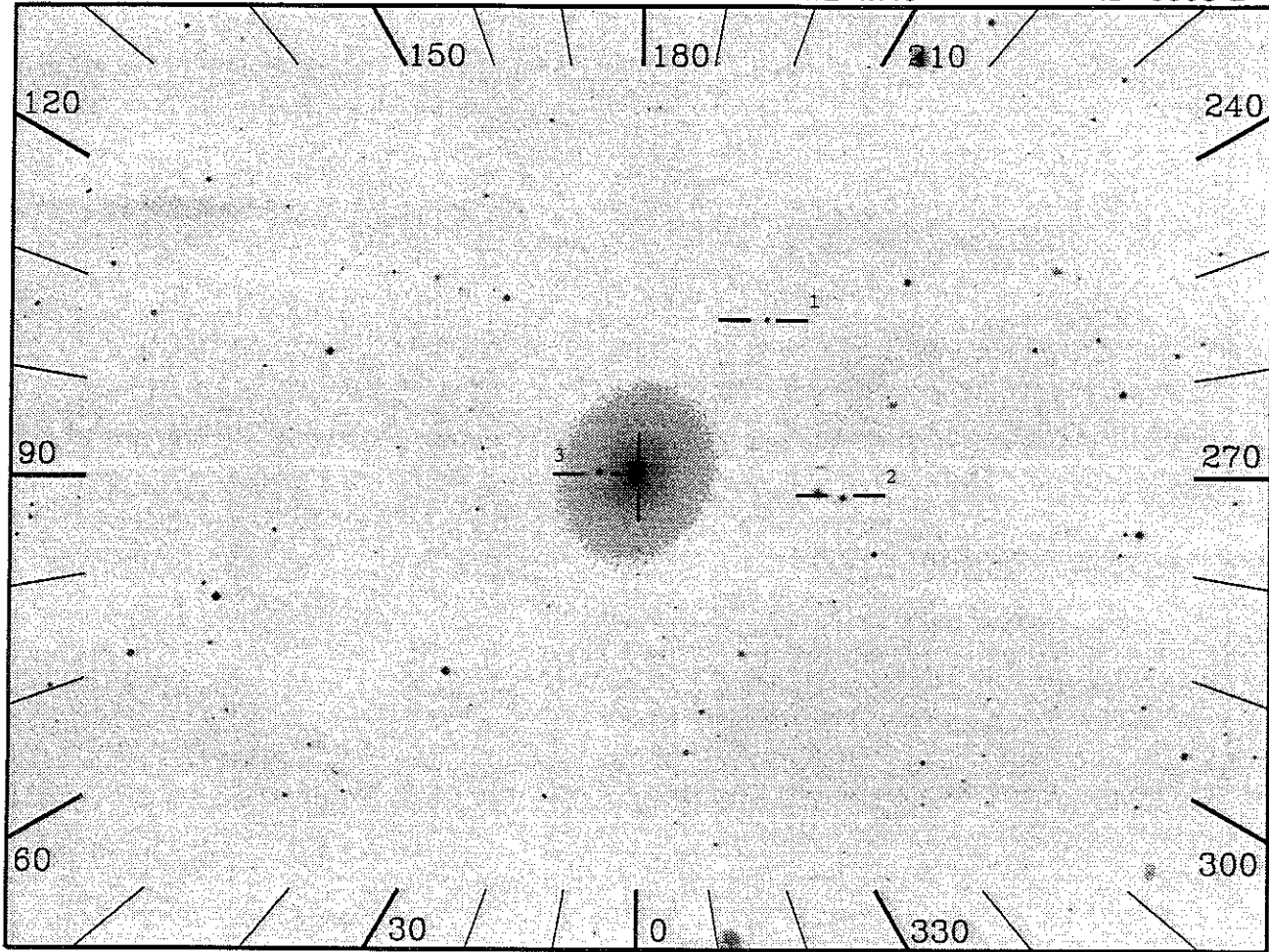


RA 186.8079

DEC 8.2756

NAME M49

ID 6308-2



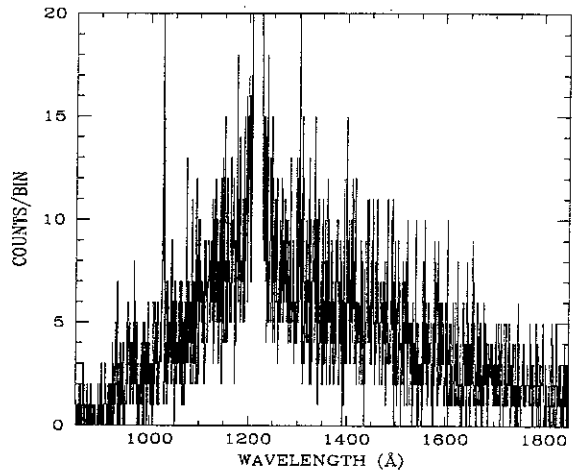
11x60", 1000(s), Night

OBJECT: 6308 M49 NGC4472

KEYWORDS: Elliptical galaxy, Virgo cluster

COMMENTS:

This is the brightest galaxy in the Virgo cluster, and has a 1550-V color slightly bluer than the bulge of M31. Center on the nucleus to get an integrated spectrum.



ID: 6308-2 U=Prime SciPgm= U10

Names: M49 NGC4472

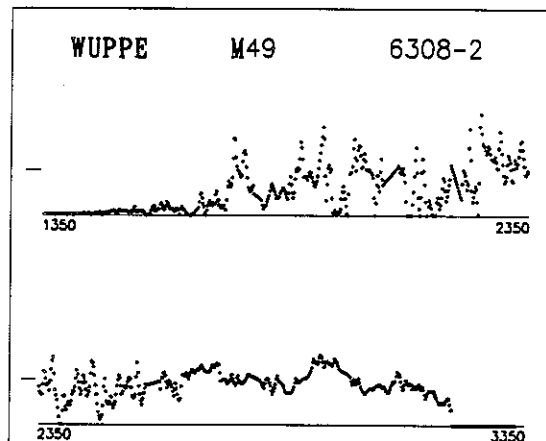
Info: E1 V= Wupmag=14.0

% Pol:

Pos Ang:

Mechanism:

Comments:

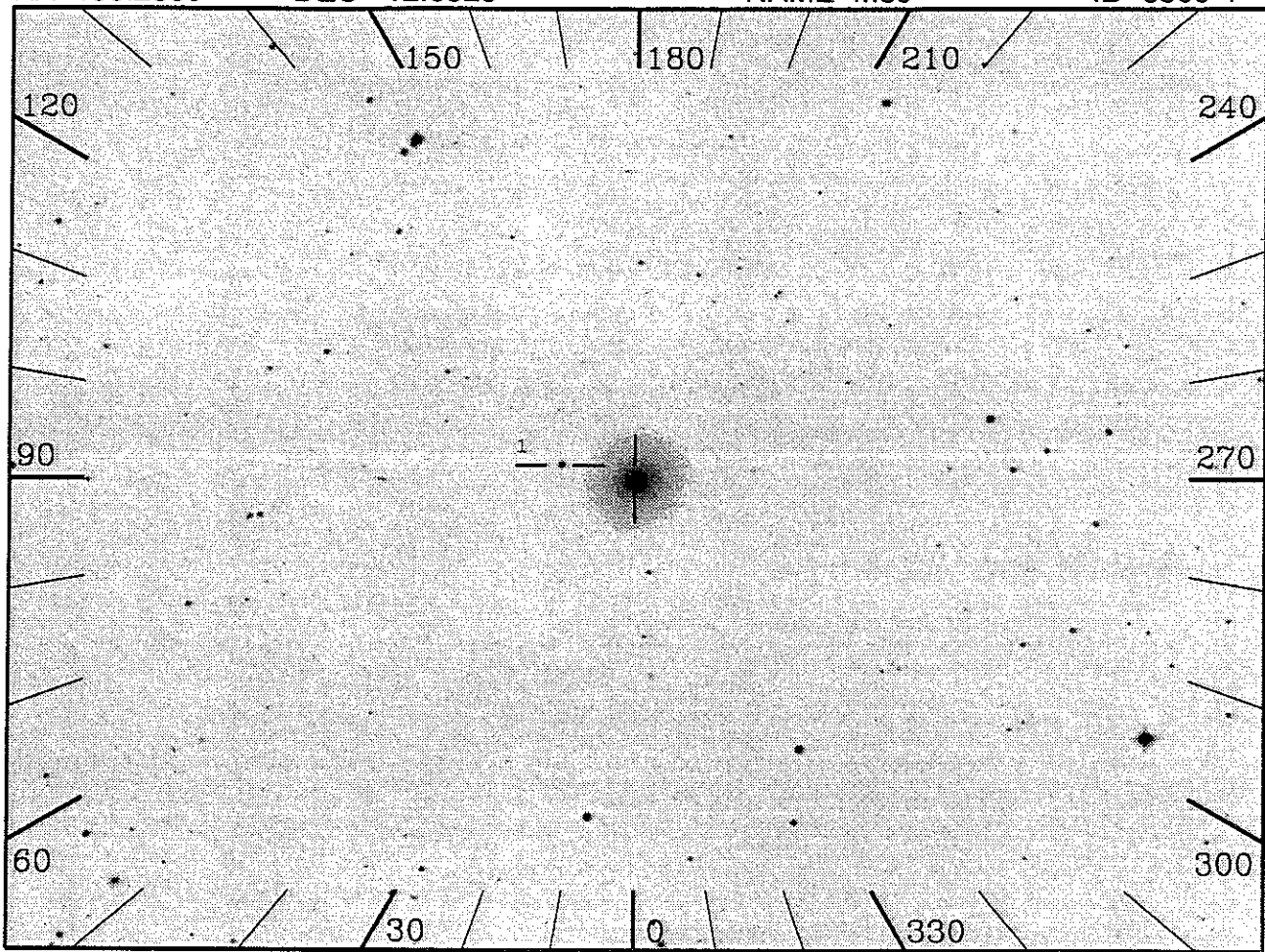


RA 188.2850

DEC 12.8325

NAME M89

ID 6309-1



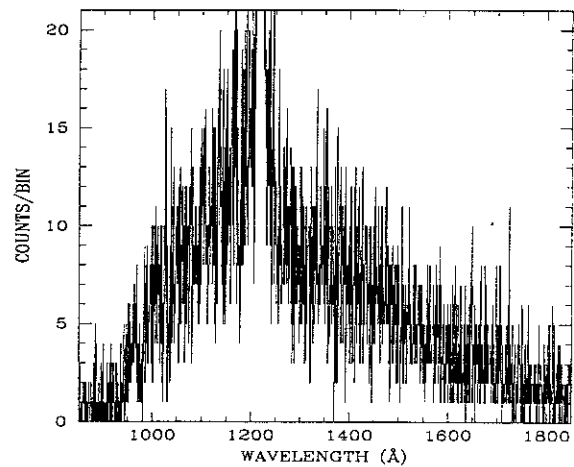
11x60", 1000(s), Night

OBJECT: 6309 M89 (NGC4552)

KEYWORDS: elliptical galaxy, Virgo cluster

COMMENTS:

Elliptical galaxy with a strong UV upturn. Center on nucleus to get an integrated spectrum of the stellar population.



ID: 6309-2 U=Prime SciPgm= U10

Names: M89 NGC4552

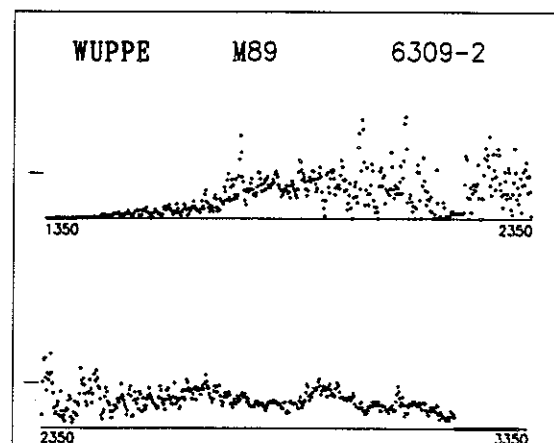
Info: E V= Wupmag=13.6

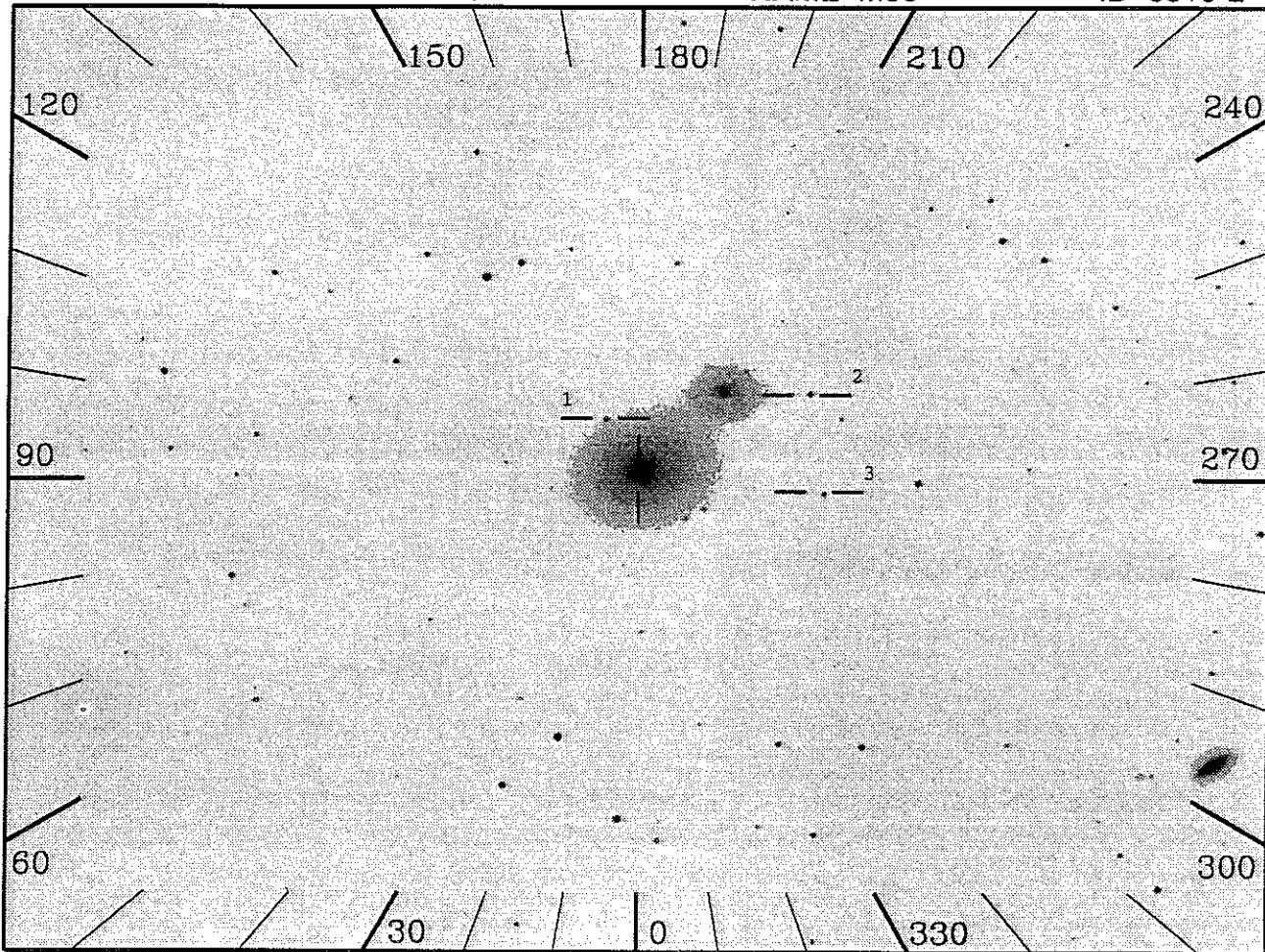
% Pol:

Pos Ang:

Mechanism:

Comments:





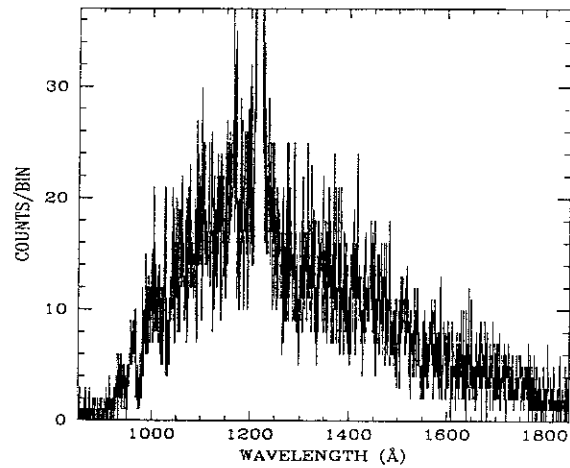
11x60", 1000(s), Night

OBJECT: 6310 M60 (NGC4649)

KEYWORDS: elliptical galaxy

COMMENTS:

This galaxy has the second strongest observed UV upturn after NGC1399 (observed on Astro-1). Center on the nucleus to get an integrated spectrum of the stellar population.



ID: 6310-2 H=Prime SciPgm= H07

Names: M60 NGC4649

Info: S0 V= Wupmag=13.4

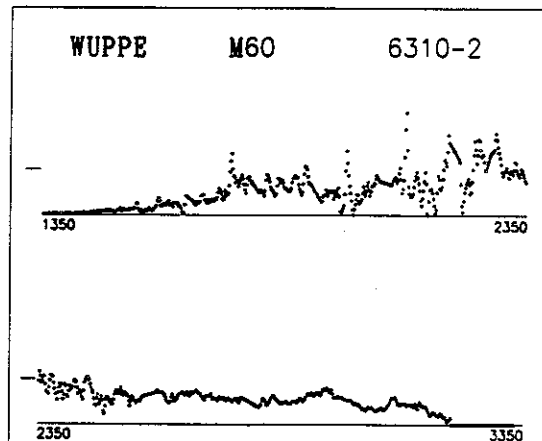
% Pol:

Pos Ang:

Mechanism:

Comments:

Elliptical galaxy. Get nucleus spectrum.

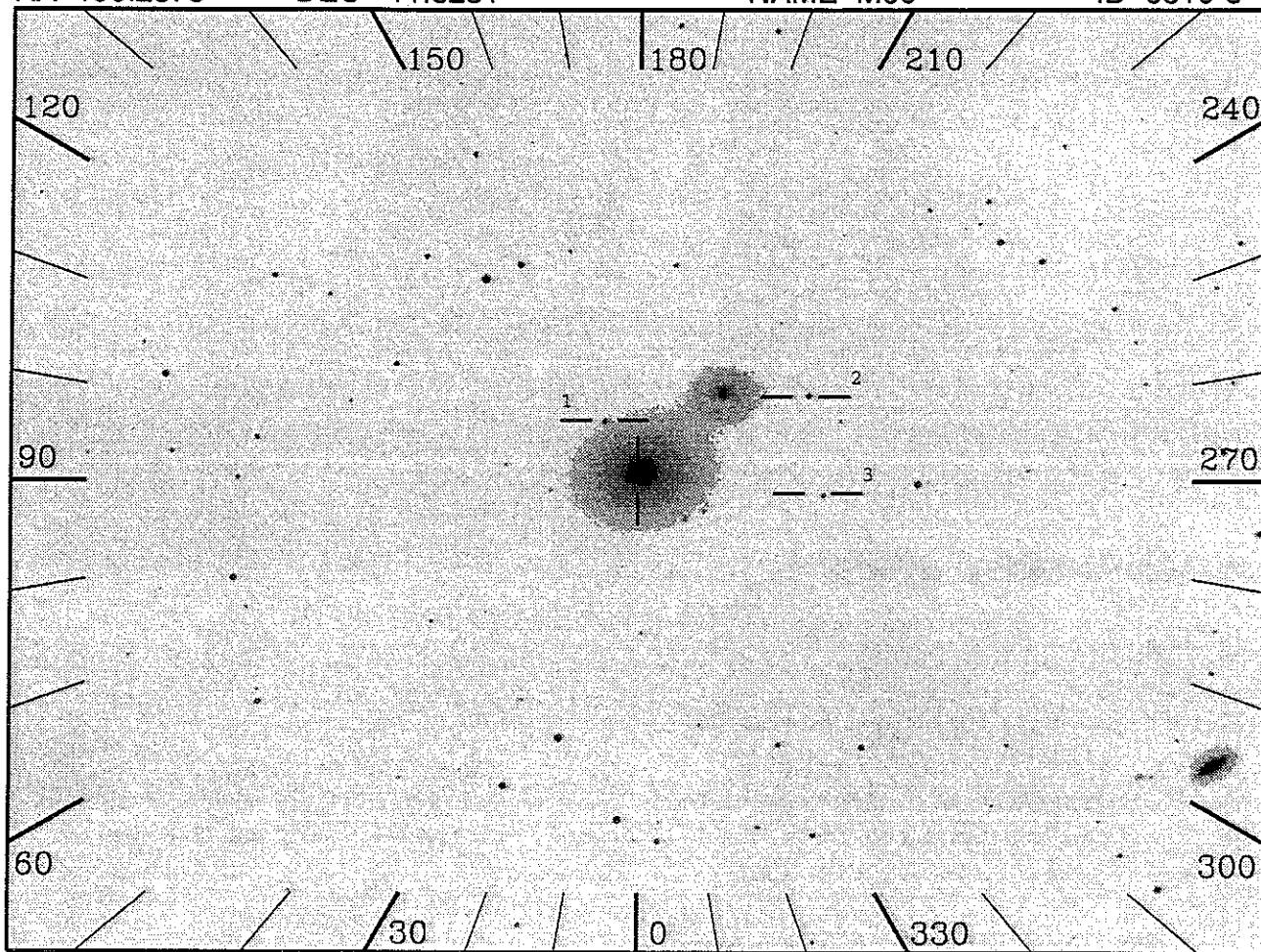


RA 190.2875

DEC 11.8231

NAME M60

ID 6310-3



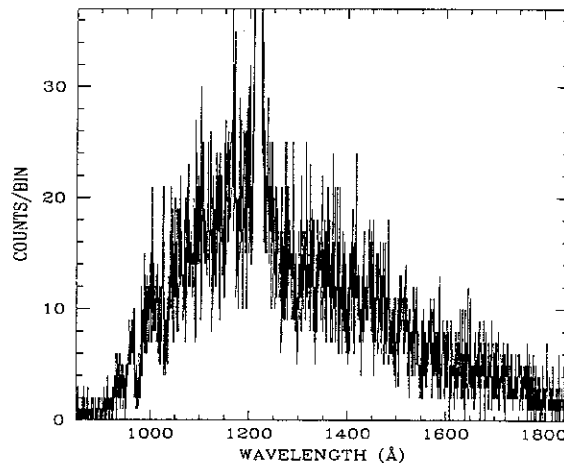
11x60", 1000(s), Night

OBJECT: 6310 M60 (NGC4649)

KEYWORDS: elliptical galaxy

COMMENTS:

This galaxy has the second strongest observed UV upturn after NGC1399 (observed on Astro-1). Center on the nucleus to get an integrated spectrum of the stellar population.



ID: 6310-3 H=Prime SciPgm= H07

Names: M60 NGC4649

Info: S0 V= Wupmag=13.4

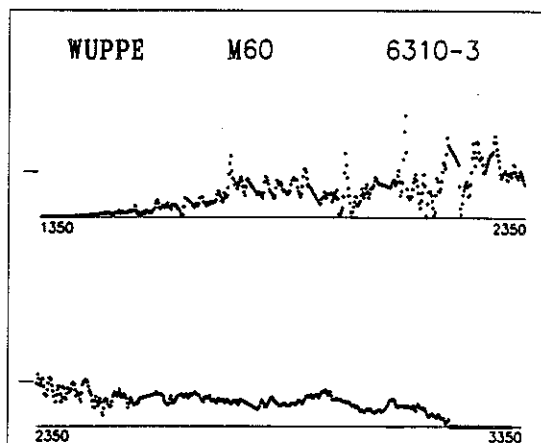
% Pol:

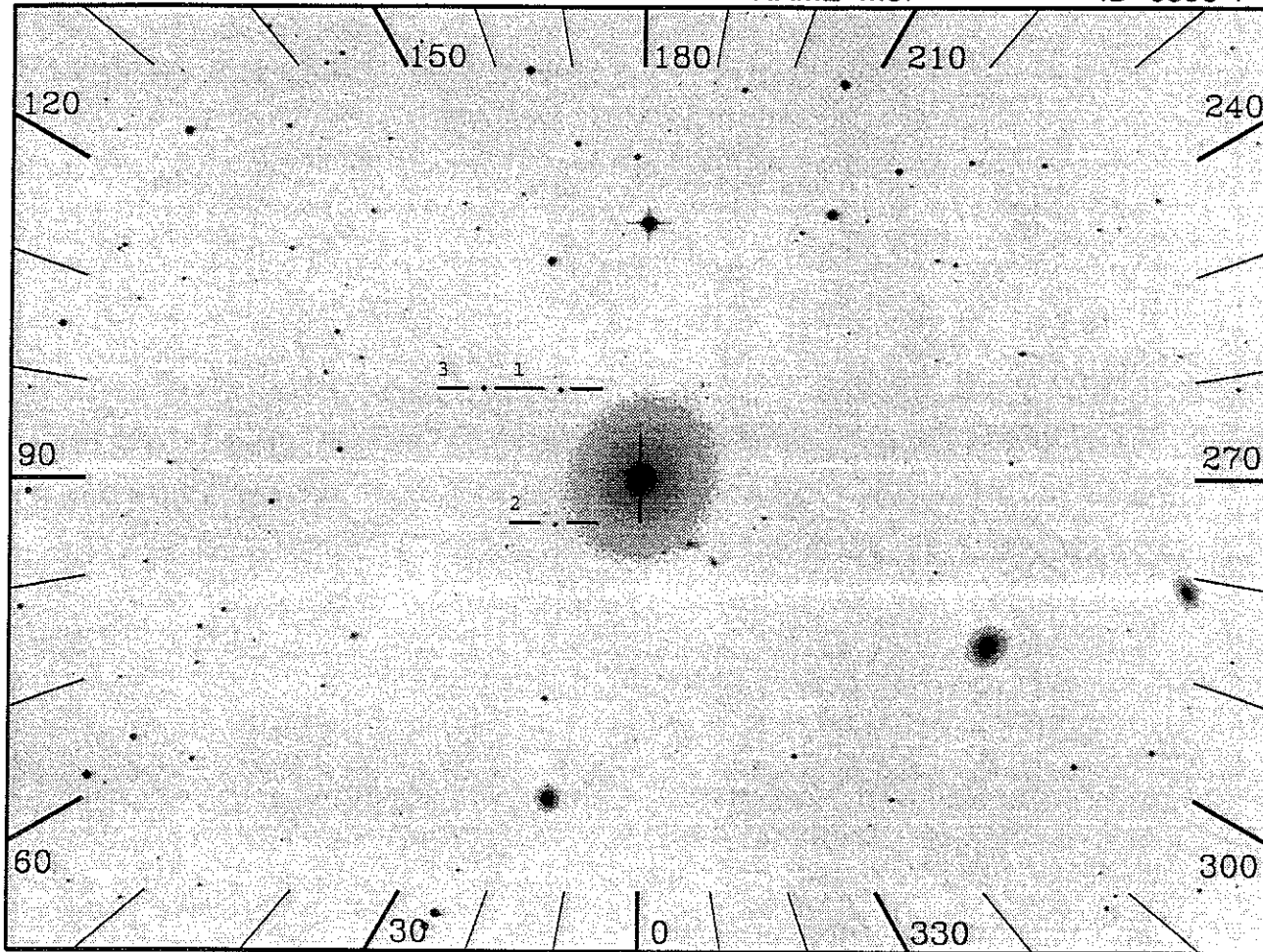
Pos Ang:

Mechanism:

Comments:

Elliptical galaxy. Get nucleus spectrum.





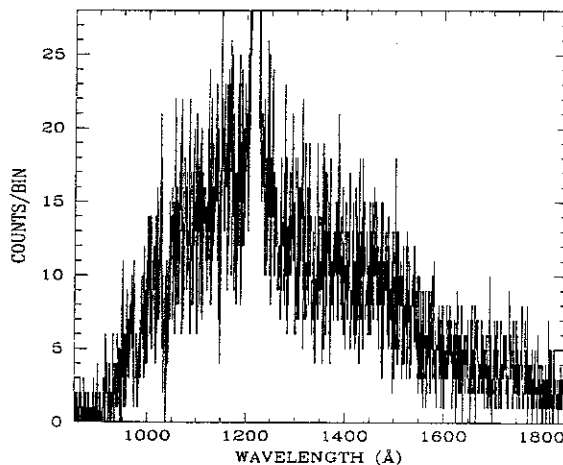
11x60", 1000(s), Night

OBJECT: 6363 M87 (NGC4486)

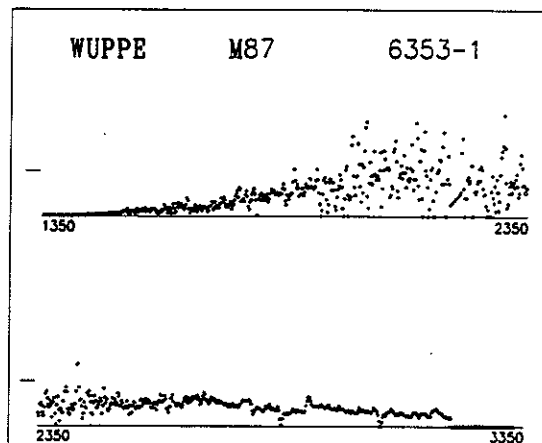
KEYWORDS: elliptical galaxy, active galaxy, Virgo clust

COMMENTS:

Central galaxy in the Virgo Cluster. The purpose of the observations are to get spectra separately of the AGN and the stellar population. Consequently, the two observations use different apertures. Center on the nucleus in both cases.



ID: 6353-1 U=Prime SciPgm= U12
 Names: M87 NGC4486
 Info: V= Wupmag=13.2
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

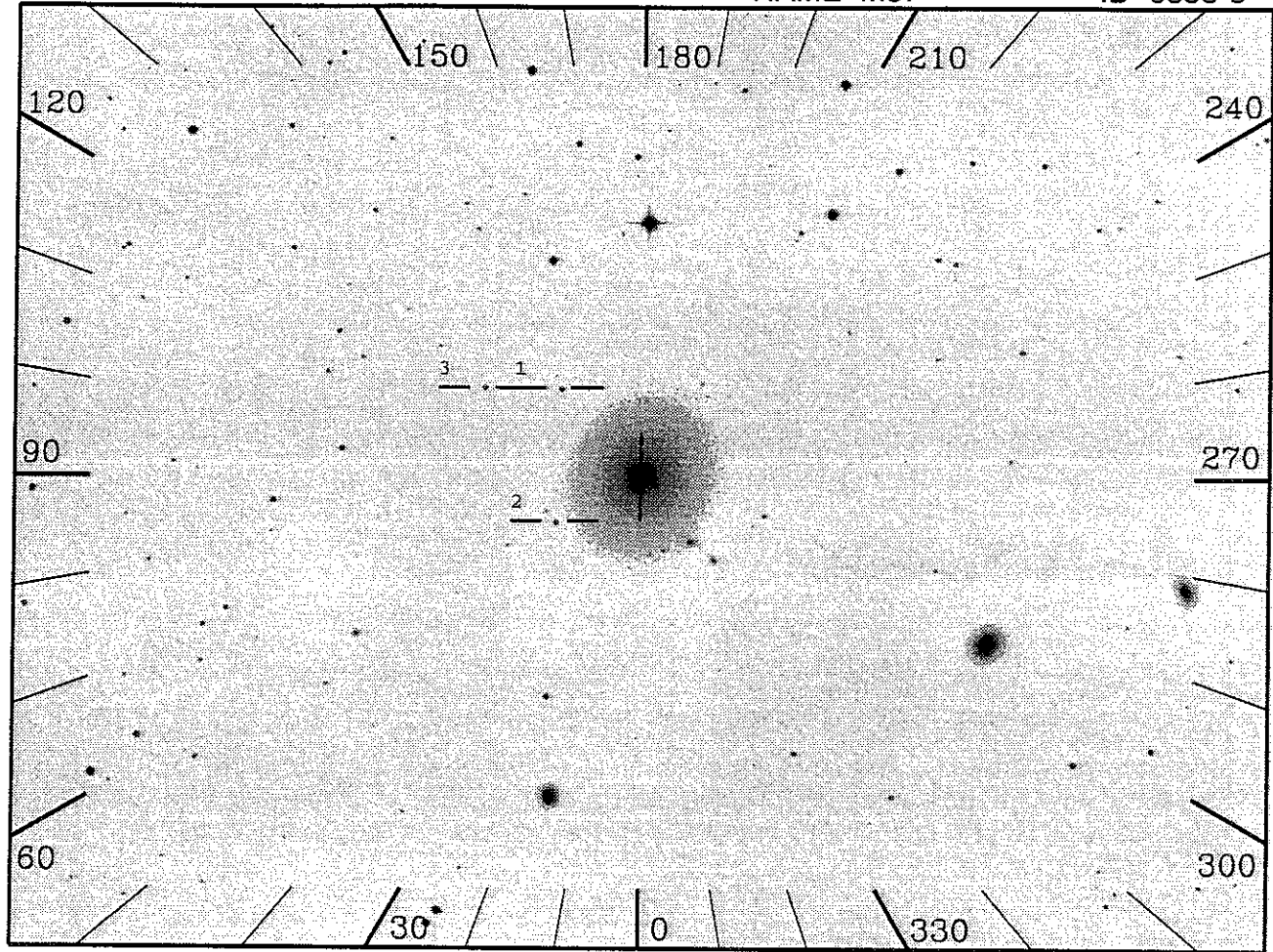


RA 187.0732

DEC 12.6672

NAME M87

ID 6353-3



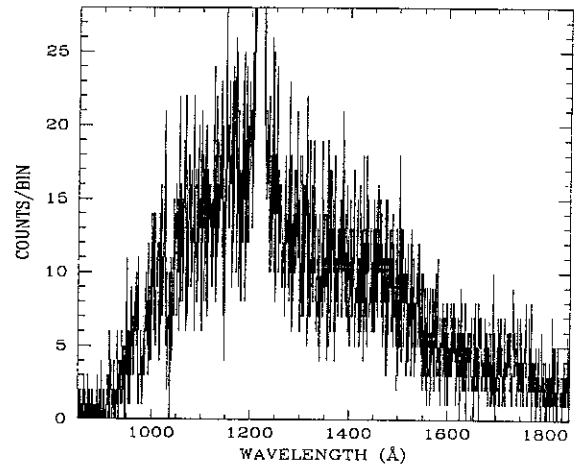
11x60", 1000(s), Night

OBJECT: 6363 M87 (NGC4486)

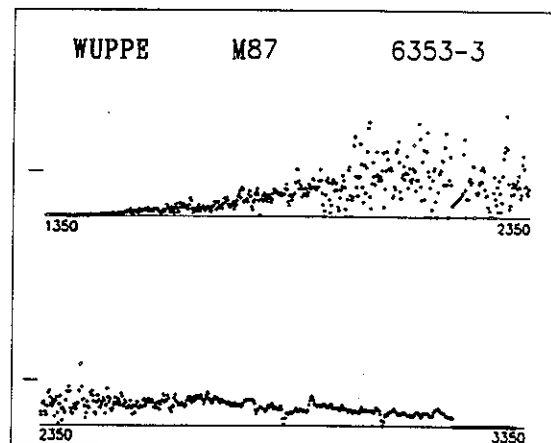
KEYWORDS: elliptical galaxy, active galaxy, Virgo clust

COMMENTS:

Central galaxy in the Virgo Cluster. The purpose of the observations are to get spectra separately of the AGN and the stellar population. Consequently, the two observations use different apertures. Center on the nucleus in both cases.



ID: 6353-3 H=Prime SciPgm= H07
 Names: M87 NGC4486
 Info: V= Wupmag=13.2
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

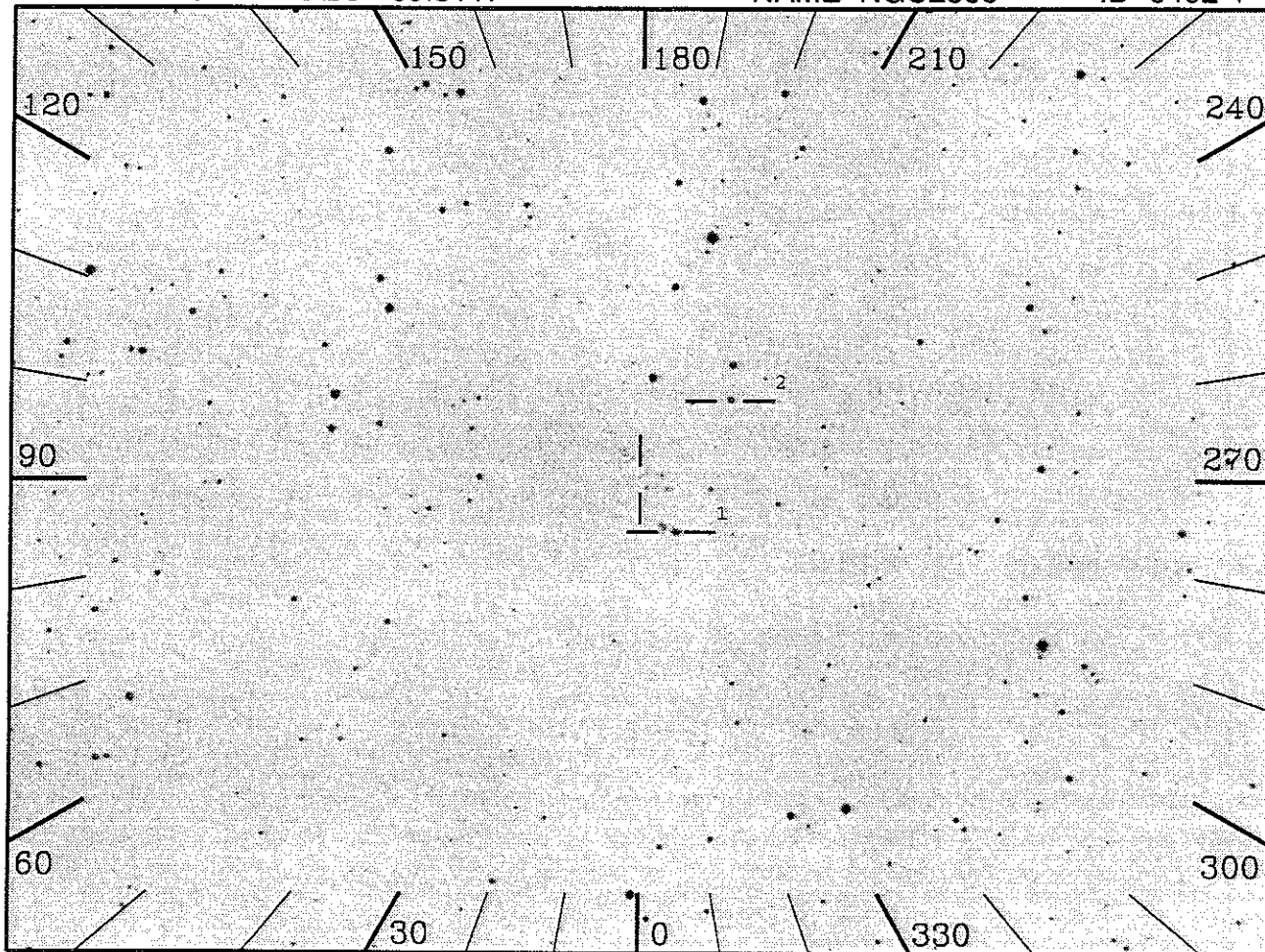


RA 110.8925

DEC 69.3117

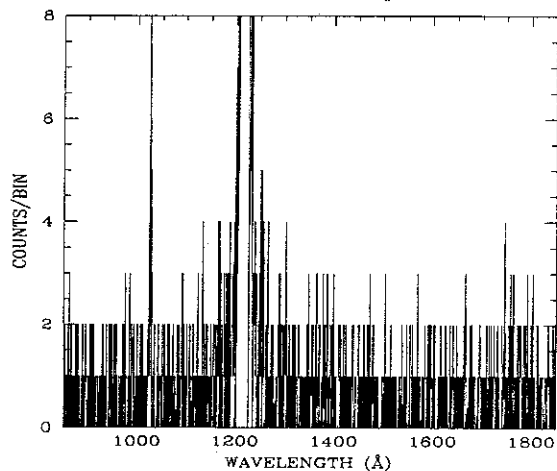
NAME NGC2366

ID 6402-1

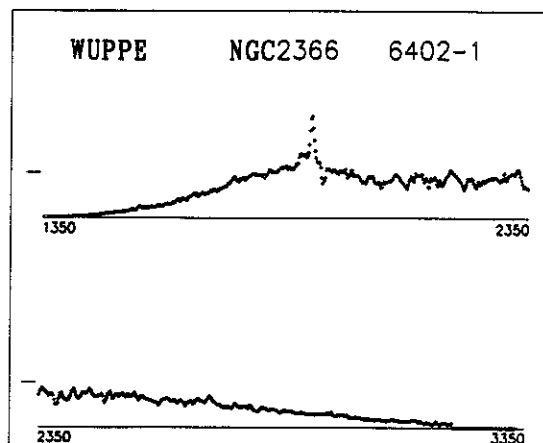


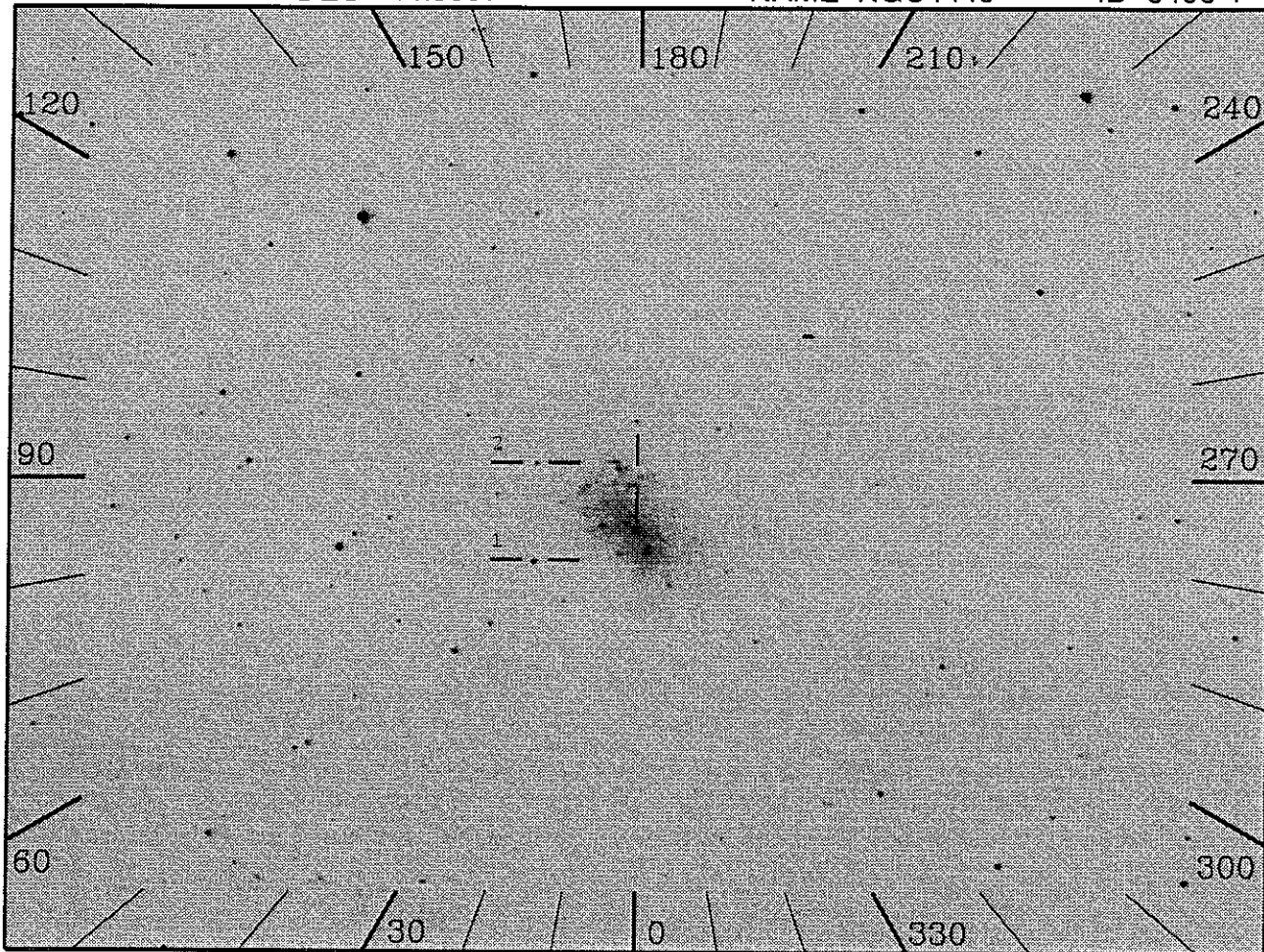
20", 1000(s), Day

OBJECT: 6402 NGC2366
 KEYWORDS: Airglow
 COMMENTS:



ID: 6402-1 U=Prime SciPgm= U10
 Names: NGC2366
 Info: V= Wupmag=11.8
 % Pol:
 Pos Ang:
 Mechanism: None expected
 Comments:





20", 1000(s), Night

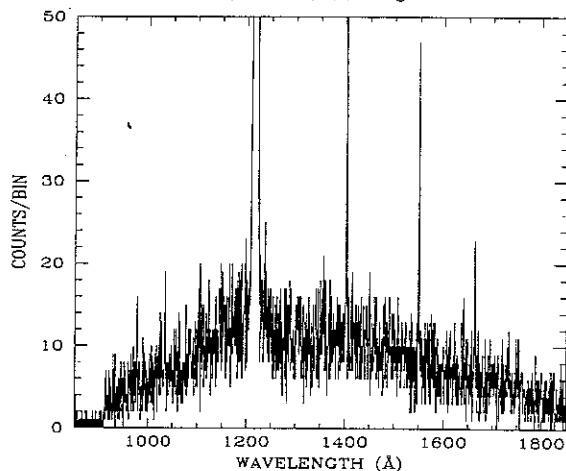
OBJECT: 6406 NGC4449

KEYWORDS: Irr Galaxy, O-rich SNR

COMMENTS:

NGC 4449 is a dwarf irregular galaxy. The HUT position is centered on an O-rich young supernova remnant about 1 arcmin north of the galaxy nucleus. The SNR is buried in an H II region. We expect faint emission lines superposed on a faint, blue continuum.

Tough GS Locate with only two guide stars, neither particularly close to object position.



ID: 6406-1 U=Prime SciPgm= U10

Names: NGC4449

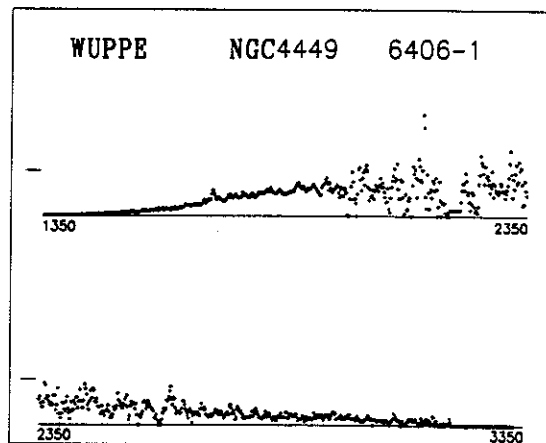
Info: Irreg V= Wupmag=12.0

% Pol:

Pos Ang:

Mechanism:

Comments:

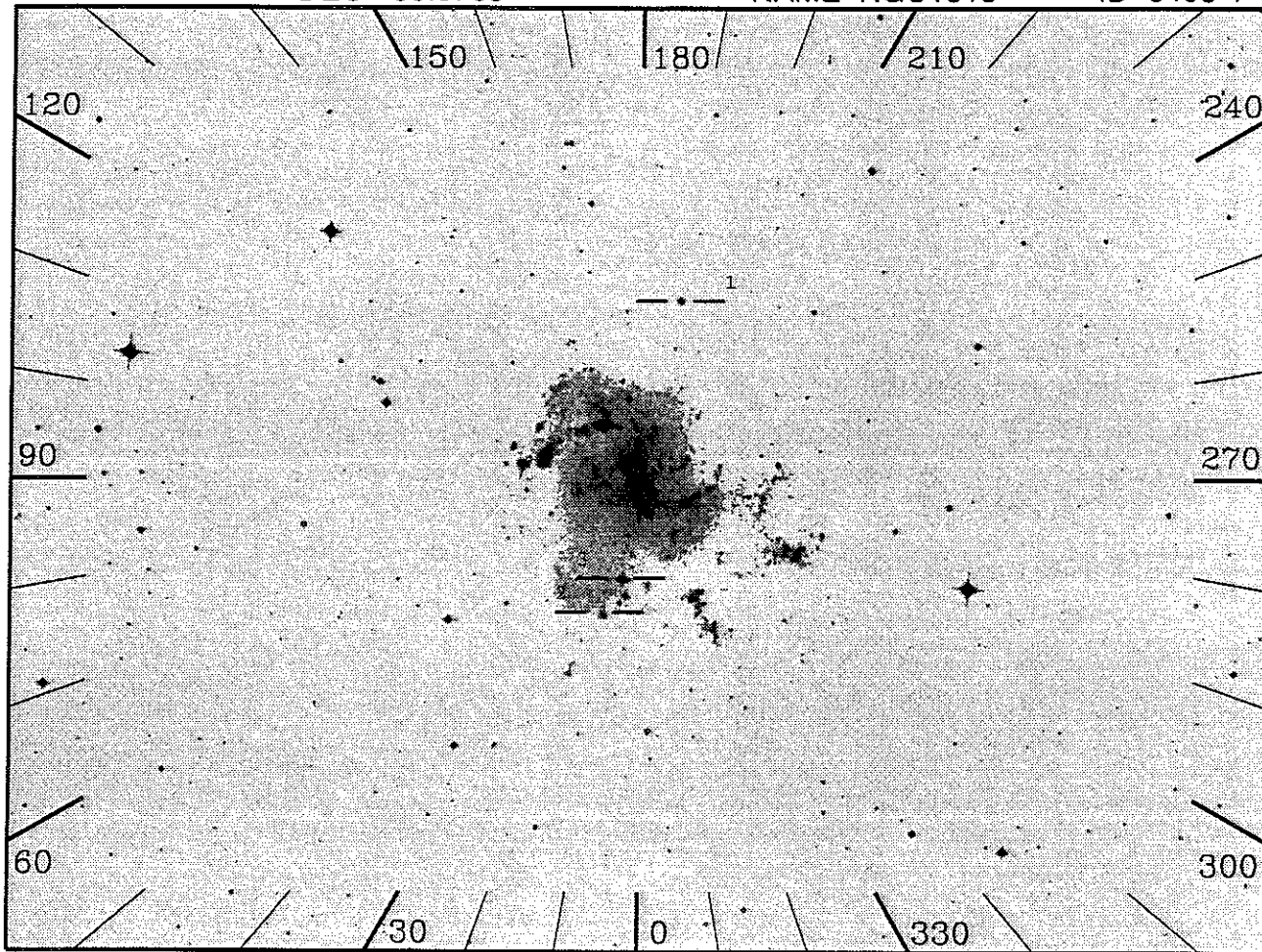


RA 49.4125

DEC -66.6783

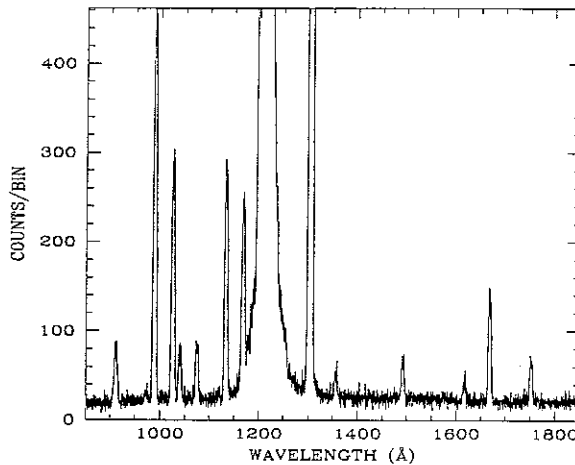
NAME NGC1313

ID 6408-1

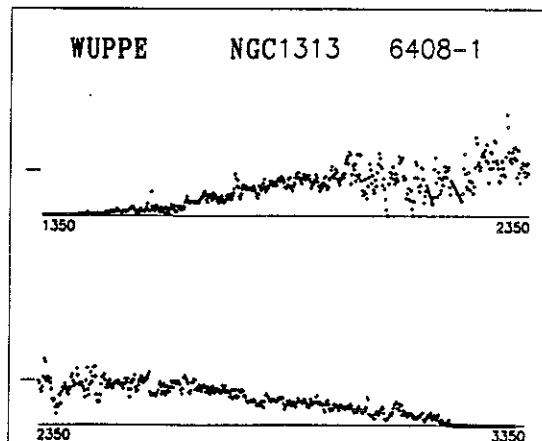


10"x56", 1000(s), Night

OBJECT: 6408 NGC1313
 KEYWORDS: galaxies
 COMMENTS:



ID: 6408-1 U=Prime SciPgm= U10
 Names: NGC1313
 Info: SBc V= Wupmag=13.3
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

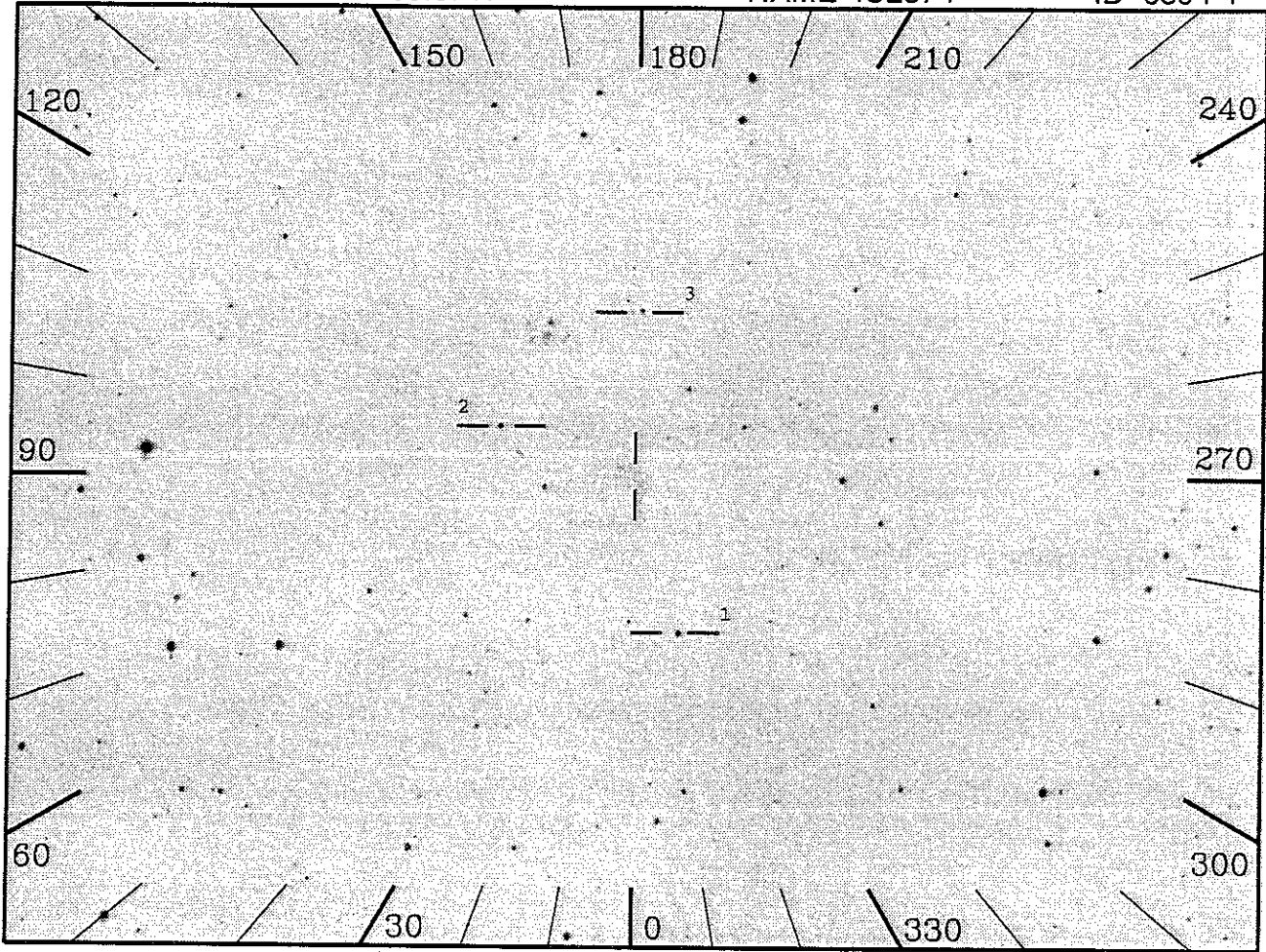


RA 156.1721

DEC 68.6717

NAME IC2574

ID 6594-1

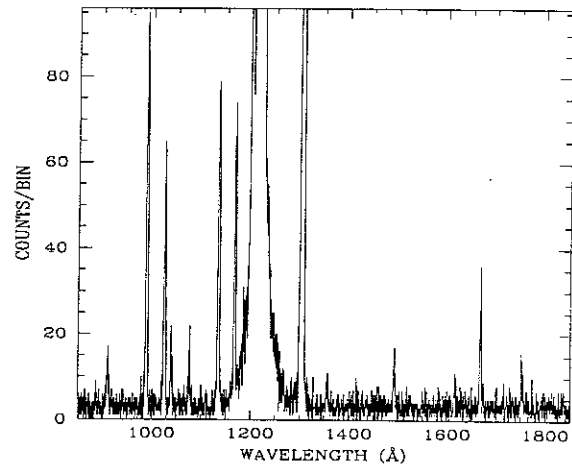


10"x56", 1000(s), Day

OBJECT: 6594 IC2574

KEYWORDS: Airglow

COMMENTS: Both the 10"x56" and 20" slits will be used on different pointings. Only the 10"x56" slit is simulated.



ID: 6594-1 U=Prime SciPgm= U10

Names: IC2574 UGC05666

Info: V= Wupmag=

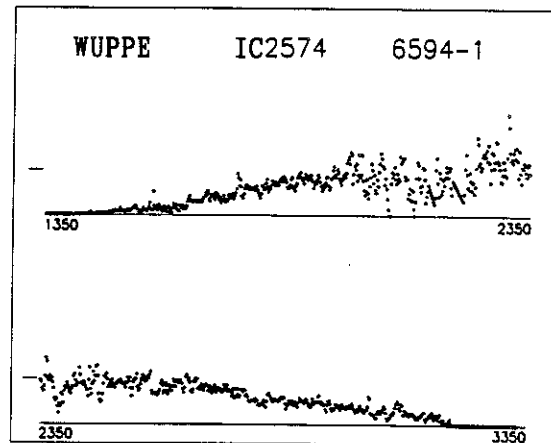
% Pol:

Pos Ang:

Mechanism: None expected

Comments:

IUE data used for simulated spectrum is that of NGC1313 (6408).

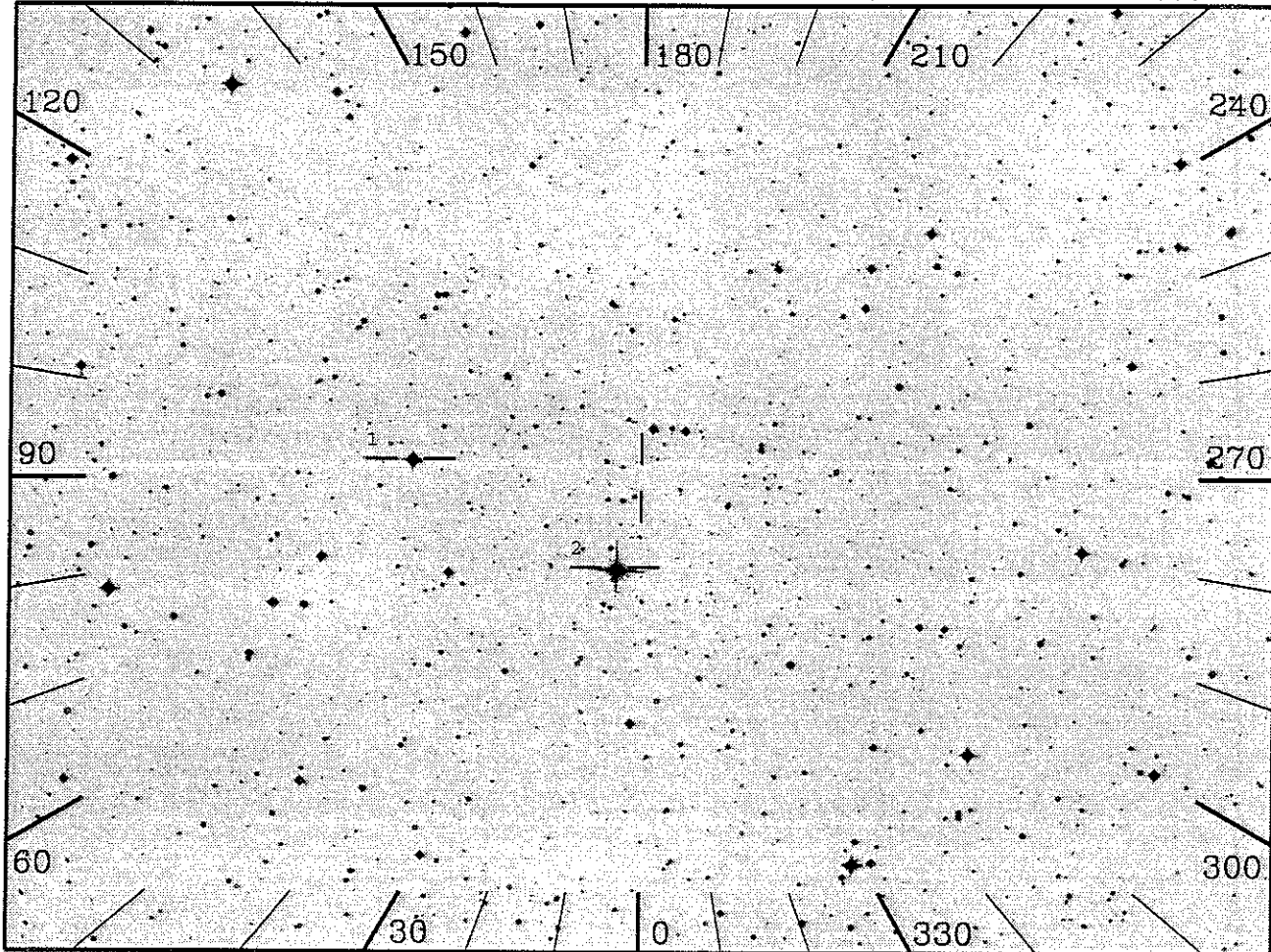


RA 100.1001

DEC -50.9166

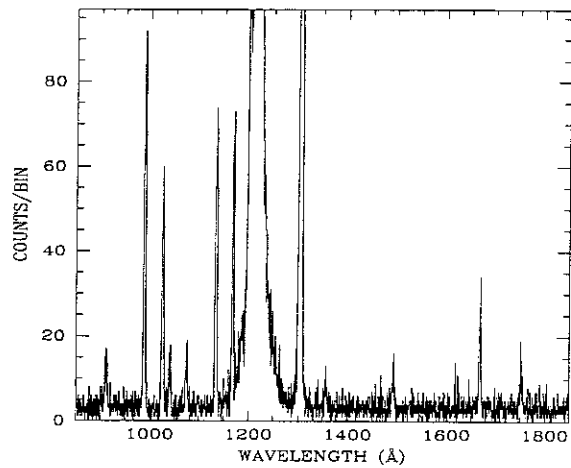
NAME CARINA

ID 6597-1



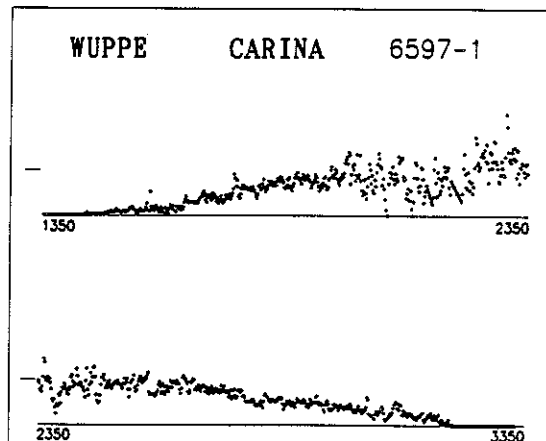
12", 1000(s), Day

OBJECT: 6597 CARINA
 KEYWORDS: Airglow
 COMMENTS:



ID: 6597-1 U=Prime SciPgm= U10
 Names: CARINA
 Info: V= Wupmag=
 % Pol:
 Pos Ang:
 Mechanism: None expected
 Comments:

IUE data used for simulated spectrum
 is that of NGC1313 (6408).

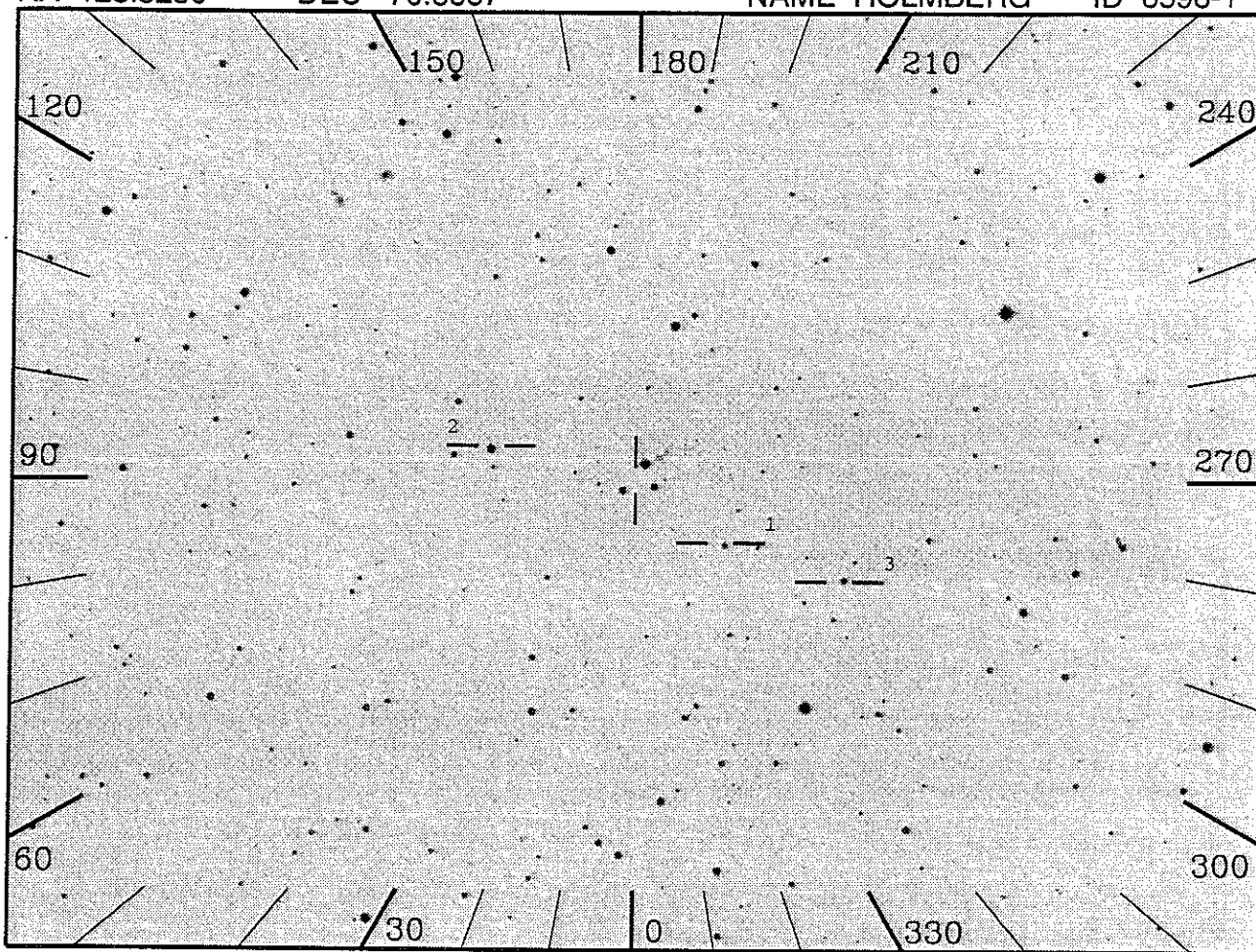


RA 123.5250

DEC 70.8667

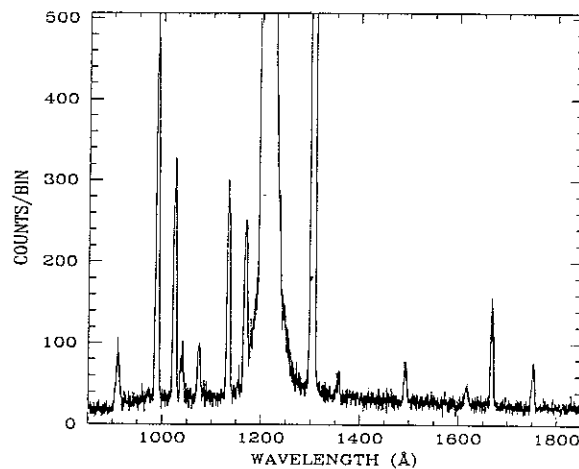
NAME HOLMBERG

ID 6598-1



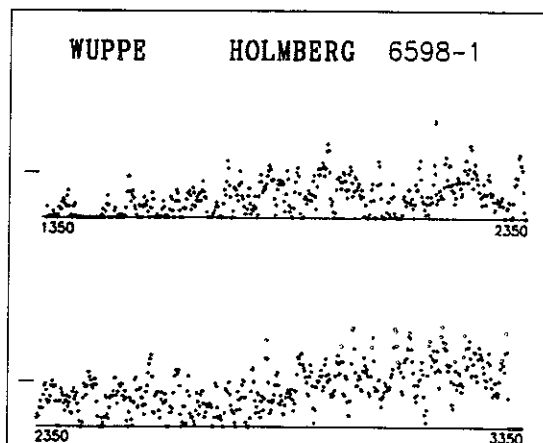
10"x56", 1000(s), Night

OBJECT: 6598 Holmberg
 KEYWORDS: Galaxy
 COMMENTS:



ID: 6598-1 U=Prime SciPgm= U10
 Names: HOLMBERG 2
 Info: dG v= Wupmag=
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

Astro-1 data used for simulated spectrum
 is that of A665 (9319) (blank sky).

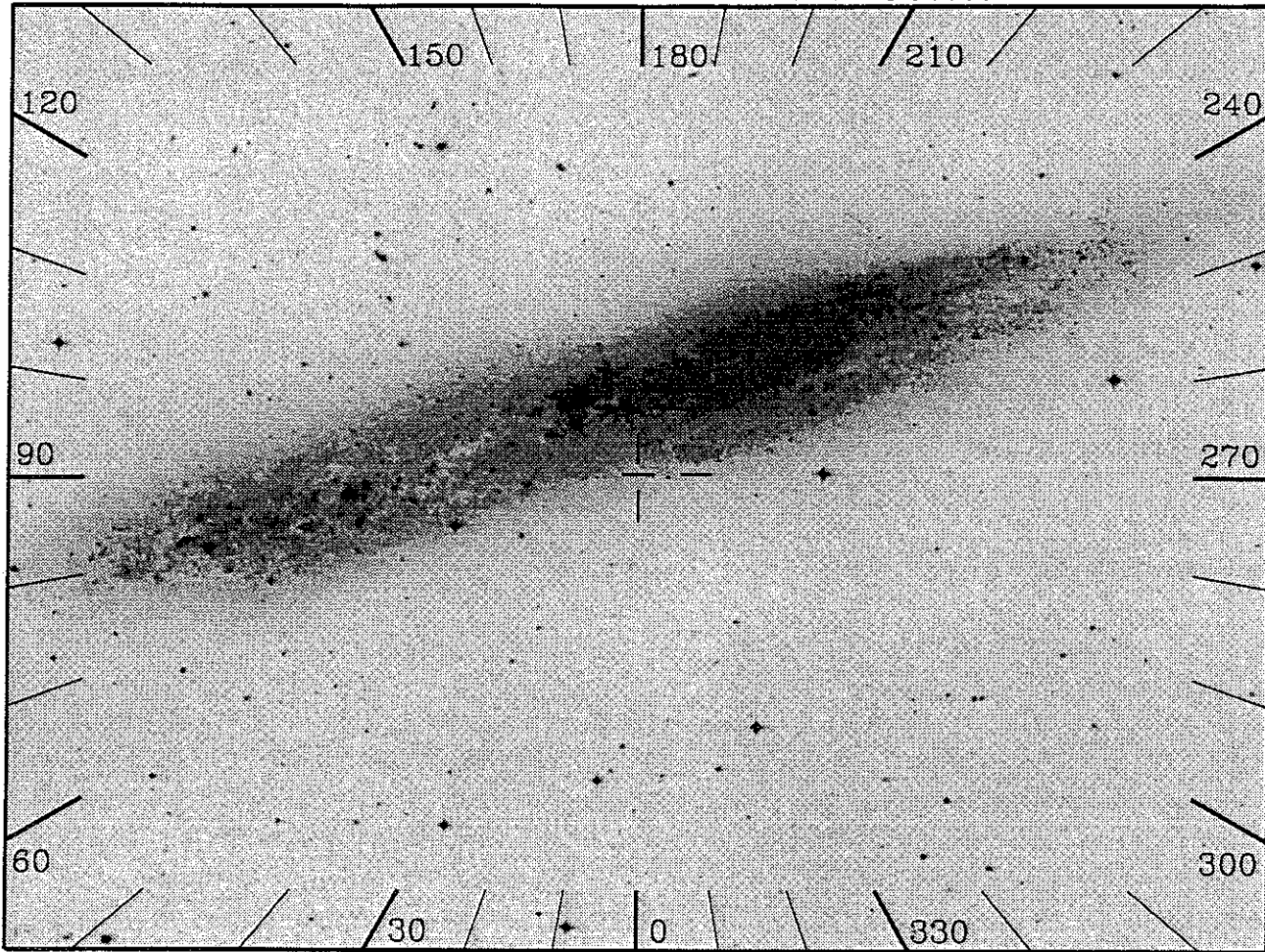


RA 3.0779

DEC -39.5225

NAME NGC0055

ID 6601-1



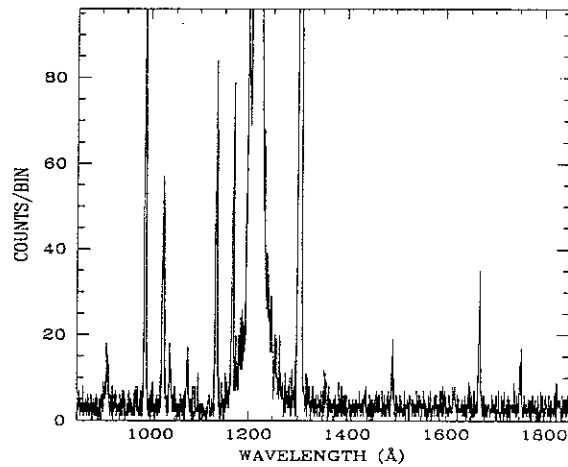
11x60", 1000(s), Day

OBJECT: 6601 NGC0055

KEYWORDS: Spiral galaxy halo, airglow

COMMENTS:

The observation is offset from the disk of this nearby dwarf spiral galaxy. If at night, the purpose is to search for OVI in the halo. Daytime observation will be a search for airglow.



ID: 6601-1 U=Prime SciPgm= G22

Names: NGC0055

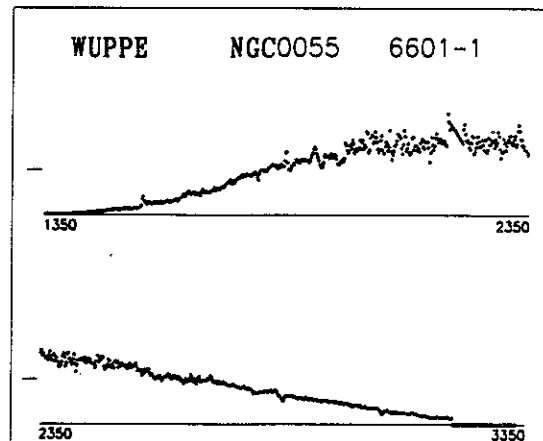
Info: Sc V= Wupmag=11.4

% Pol:

Pos Ang:

Mechanism: Dust scattering (?)

Comments:

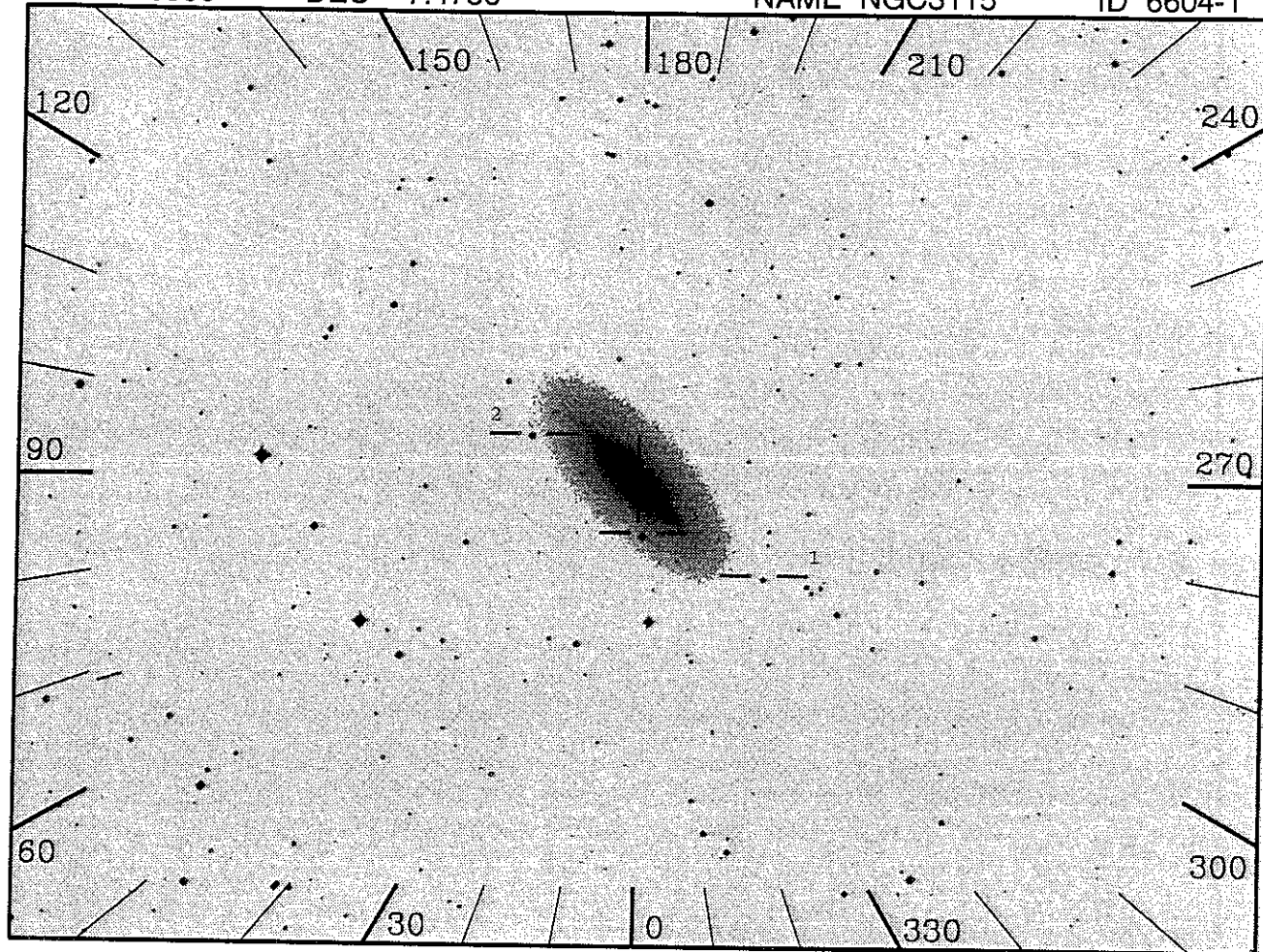


RA 150.6850

DEC -7.4756

NAME NGC3115

ID 6604-1



11x60", 1000(s), Night

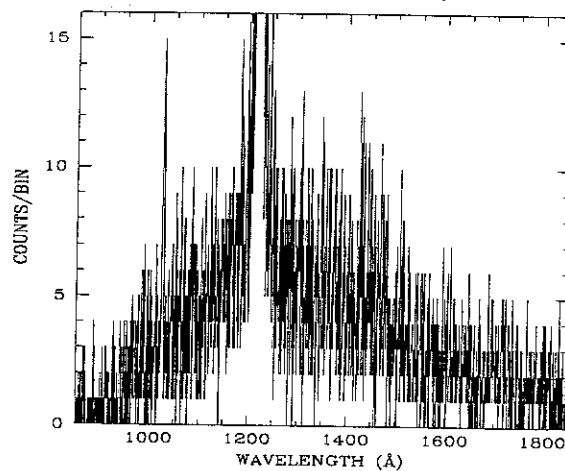
OBJECT: 6604 NGC3115

KEYWORDS: S0 galaxy

COMMENTS:

Center on the nucleus to get an integrated spectrum.

1550-V color slightly bluer than M31.



ID: 6604-1 U=Prime SciPgm= U10

Names: NGC3115

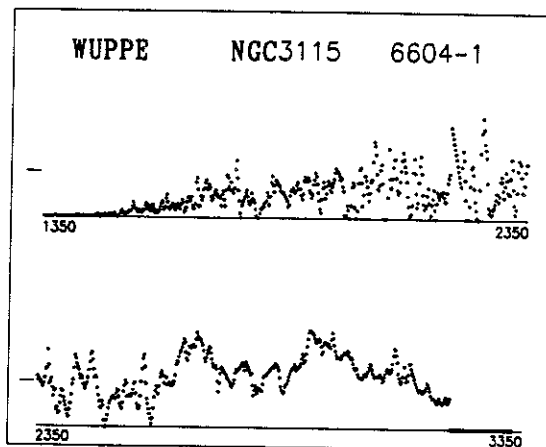
Info: S0 V= Wupmag=13.9

% Pol:

Pos Ang:

Mechanism:

Comments:

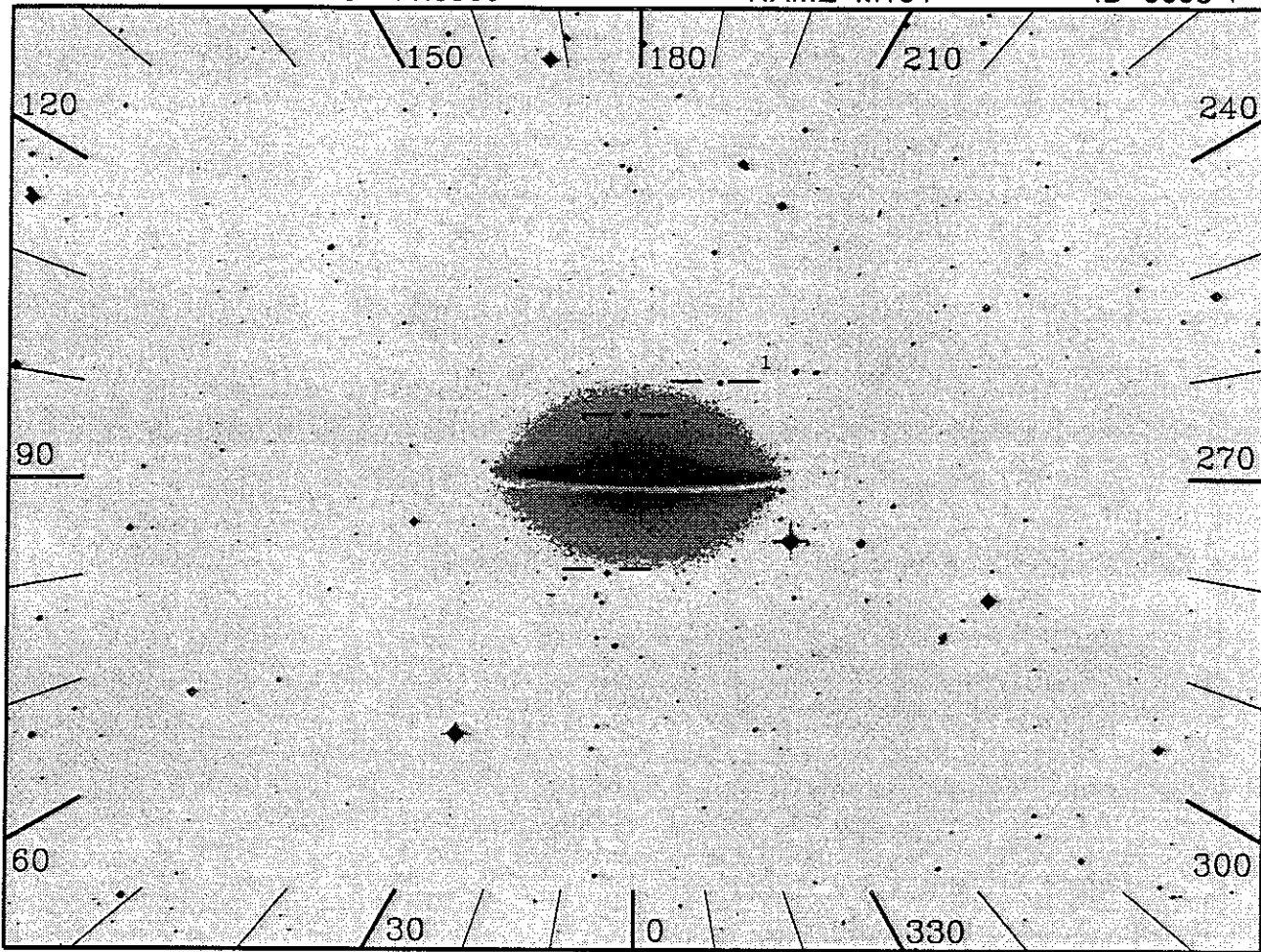


RA 189.3450

DEC -11.3500

NAME M104

ID 6608-1



11x60", 1000(s), Night

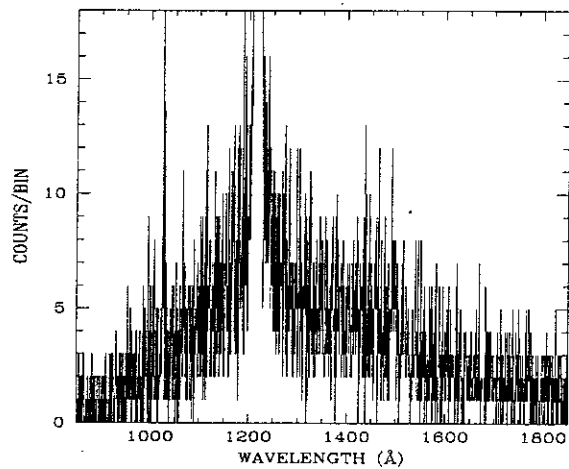
OBJECT: 6608 M104 (NGC4594)

KEYWORDS: spiral galaxy bulge

COMMENTS:

The HUT slit should be centered just above the dust lane, to try to get a spectrum of the stellar population in the bulge.

Target also known as "The Big Smooch."



ID: 6608-1 U=Prime SciPgm= U10
 Names: M104 NGC4594
 Info: Sa V= Wupmag=13.6
 % Pol:
 Pos Ang:
 Mechanism:
 Comments:

