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SANTA BARBARA • SANTA CRUZ

Berkeley Astronomy Department
(Leuschner Observatory)

Berkeley, California 94720

30 June 1987

Dear Alan,

Here as promised is a FITS tape with the original image of M84 and the processed image showing the dust lane. The tape is 1600 bpi; SKIP THE 1ST IMAGE ON THE TAPE. (There is a dummy image which starts the tape.) In other words, the unprocessed image is image 2 on the tape, the processed image is image 3. If you want to use them, reference Ebneter, Djorgovski, and Davis (1987) A. J. in press.

It was nice seeing you at the AAS meeting. I may be in Charlottesville in September or October to work with Ed on Fornax A. I hope to see you then.

Yours,

Kate

#29 6-JUL-1987 17:36:38 MAIL

From: 42215::EBNETER
To: 6654::ABRIDLE
Subj: M84 tape (I got yours, too)

Alan,

Sorry about the pixel scale info etc. The pixel scale is 0.432 arcsec/pixel. Field is oriented so that North is to the left, East is at the bottom. (In other words, the top of the image is PA 270.)

I think we are connected to NRAO by SPAN, so I am trying this out. (We can SET HOST to NRAO, anyway, so we're connected somehow.)

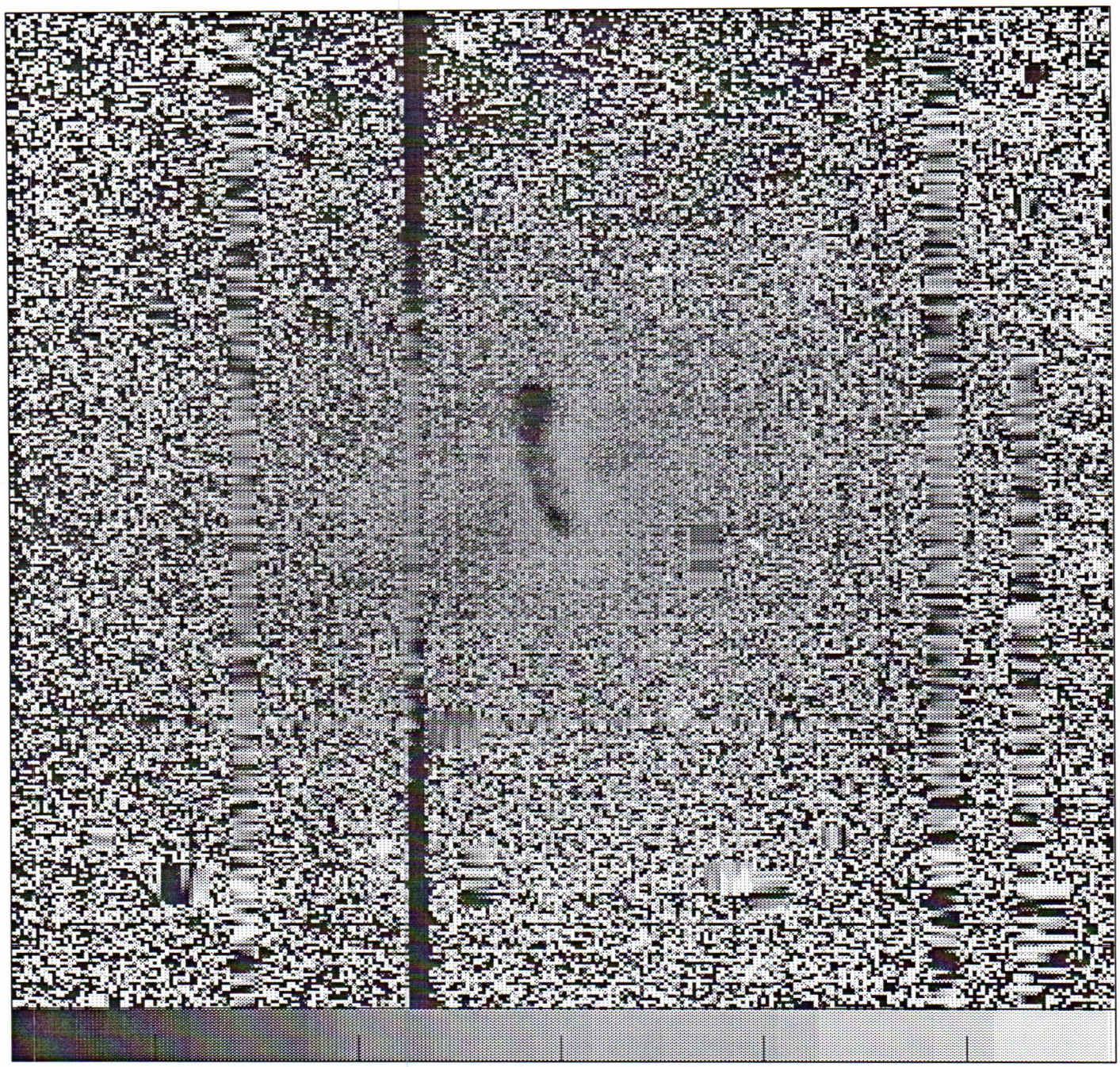
A reasonably reliable BITNET address for me is EBNETER%BKYAST.HEPNET@LBL. It usually works.

Kate

MAIL)

PLOT FILE VERSION 1 CREATED 06-JUL-1987 15:52:50

RED IMAG RED IMAG.IMAP.1

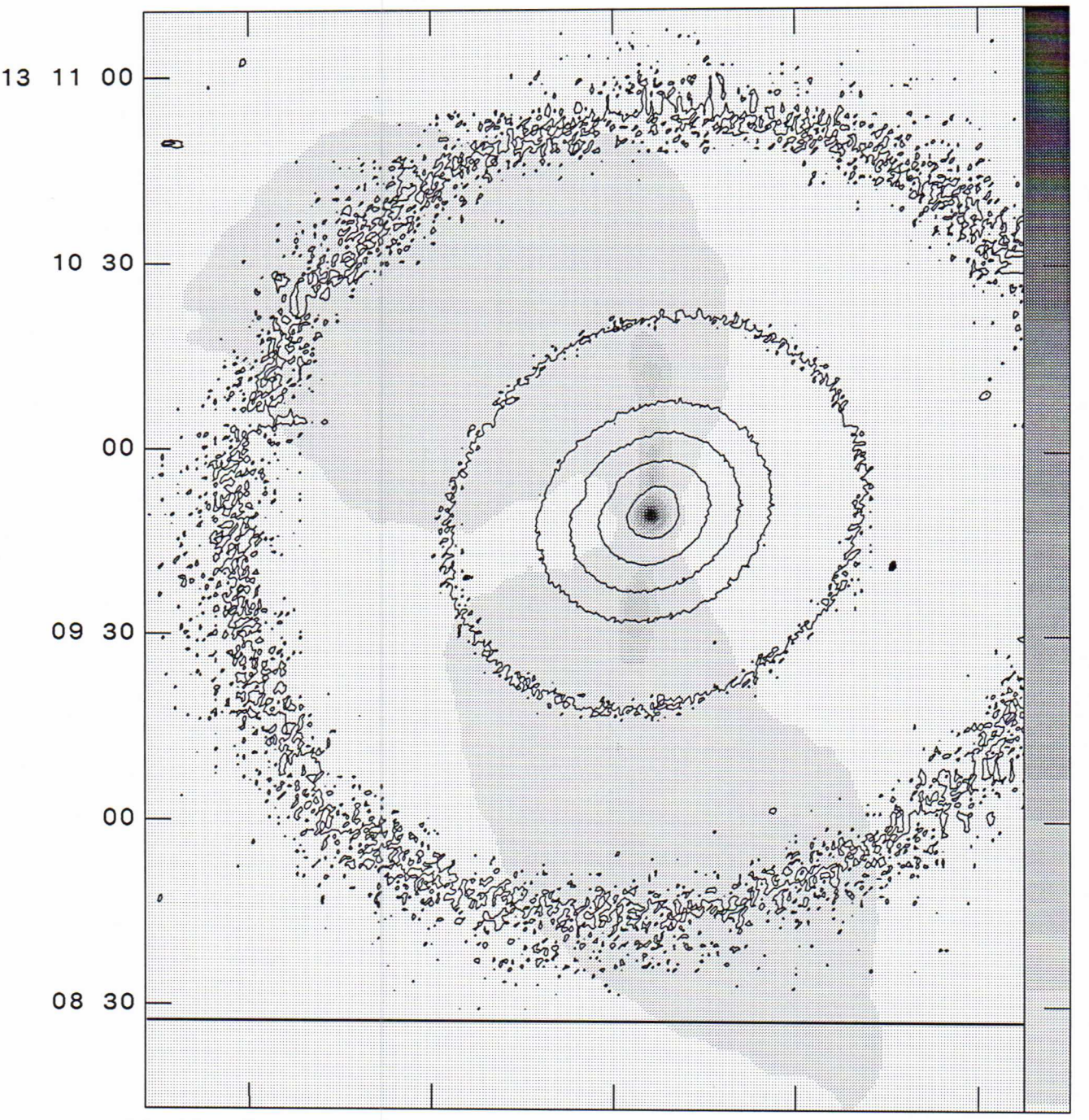


GREY SCALE FLUX RANGE= 9.0000E+02 1.2000E+03

PLOT FILE VERSION 2 CREATED 07-JUL-1987 16:25:20

GREY: M84 IPOL 4885.100 MHZ M84 6C 3.86.ICLPL.1

CONT: N4374 IN N4374 IN.IMRAD.1



GREY SCALE FLUX RANGE= -2.6326E-04 1.7943E-01 JY/BEAM

PEAK CONTOUR FLUX = 7.9142E+03

LEVS = 5.0000E+01 * (1.000, 2.000, 4.000,
6.000, 10.00, 20.00, 40.00)

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BITNET, ARPANET: abridle@nrao
SPAN: 6654::abridle
UUCP: !seismo!nrao1!abridle

June 30, 1987

Ms. Kate Ebneter
Astronomy Department
University of California
Berkeley, CA 94720

Dear Kate,

Here's a 1600 BPI tape with radio data on M84 at 20cm and 6cm, 3.86 arcsec resolution (the main data from our paper, which is now in press in *Monthly Notices*).

As I mentioned in Vancouver, I'd be most interested to see your dust lane preprint when you have it ready for distribution, and also to have a tape with your image of the lane in M84. Robert Laing and I have been using the dust lane as evidence for the inclination of the jet system, and thus that the Northern (brighter) jet is receding, for some time. Your image is the best evidence I've seen that it is truly a lane of dust, rather than just patches, so I'd be very grateful for a tape copy. I would also be interested in making a slide with your image superposed on the radio. Would it be o.k. for me to do this, and if so how should your data be referenced ?

With best wishes,

Alan Bridle

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