

From: OUTBAX::VAX1::JWROBEL 28-SEP-1987 13:32
To: ABRIDLE
Subj: copy for you

28Sep87

Dear Robert,

I have recently become very intested in 1-sided bases and 1-sided jets in nearby E/S0s. I mentioned this to Alan Bridle, and he expressed an interest in collaborating on a VLA proposal to study the 1-sided base in M84 with high resolution and sensitivity (new 3.6 cm system, polarimetry, A conf., FWHM ~ 0.2 arcsec). I think this is a good idea, and would be happy to put your name on the proposal if you want to be involved. (You probably wouldn't really have to do anything!)

I think it would also be useful to observe a few other nearby galaxies with 1-sided inner structures. I would suggest NGC3078, NGC4261/3C270 (Kronberg may have proposed 3.6 cm already), NGC5322, and NGC6146, which are known to have 1-sided components on angular scales up to a few arcsec. Two other possibilities are NGC3665 and NGC4472 but I have not seen any VLA A-configuration images of these. Do you know if they have 1-sided bases? If so, could you send me copies of the images for inclusion in the proposal?

observed with MERLIN at 18 cm to obtain matching resolution (FWHM ~ 0.25 arcsec). This has already been done for NGC6146 with nice results, despite it being only a 120-mJy source (Wrobel, Harrison, Pedlar, and Unger; draft manuscript sent to coauthors last week). Would you be interested in being involved in a MERLIN 18 cm proposal as well?

I look forward to hearing from you soon.

Cheers,
Joan

From: CVAX::ABRIDLE 9-NOV-1987 12:37
To: RLAING,ABRIDLE
Subj: Misc

Re the M84 reprints: As I have already sent preprints to the people who asked for them, perhaps you could just send me 25 reprints so that I can handle any more requests that come to me, and have a few for NRAO use.

On 3C438, I'm most interested in the integrated flux densities for the jet and counterjet at the moment. (I am putting together a plot that shows how the degree of prominence of detected jets varies with total extended power and identification/core prominence, and would like to have an "official" number for 3C438 to use there. I'm also noting the counterjet powers in my review for the Atlanta workshop (because the ones that have been detected so far show that there are intrinsically more powerful jets in some strong sources, it can't all be due to Doppler boosting even if the side-to-side asymmetry is).

Thanks in advance for this. How's the great 3CR radio galaxy compendium coming ?