Mid-Infrared Observations of Nearby Radio Galaxies Pictor A and 3C84.

M. MERLO¹, E. PERLMAN¹, C. PACKHAM², J. RADOMSKI³, R. MASON⁴ and N. LEVENSON⁵.

¹Dept. of Physics and Space Sciences, Florida Inst. of Tech., Melbourne, FL 32901, ² Astronomy Dept., Univ. of Florida, Gainesville, FL 32611-2055, ³ Gemini South Observatory, La Serena, Chile, ⁴Gemini North Observatory, Hilo, HI 96720, ⁵ Dept. of Physics and Astronomy, Univ. of Kentucky, Lexington, KY 40506.

ABSTRACT

e they g the theor the inner bands. . While provide a fa tor sampl

	DATA	
	lux of Targets	F
12.3 micr	8.7 microns	
94.7 mJ	14.3 mJy	3 C 84
21.5 mJ	6.05 mJy	Pictor A
and the second		



Contour Plots of Targets

				Contou	irs(star	ung wr	th oute	rmost, I	in sigm	a above	e backg	rouna)		
	micro ns	1	2	3	4	5	6	7	8	9	10	11	12	
3C84	8.7	.67	2. 01	3.35	4.69	6.03	7.37	8.71	10.05	11.39	12.73	14.07	15.41	1
	12.3	.7	2. 11	3.52	4.92	6.33	7.74	7.14	10.55	11.96	13.36	14.77	16.18	1
Pictor A	8.7	2.88	8. 65	14.42	20.19									
	12.3	1.5	4. 5	7.5	10.5	13.5	16.49	19.49	-					



5 arcsecs

This work was supported by NASA grant NNX07AM17G