

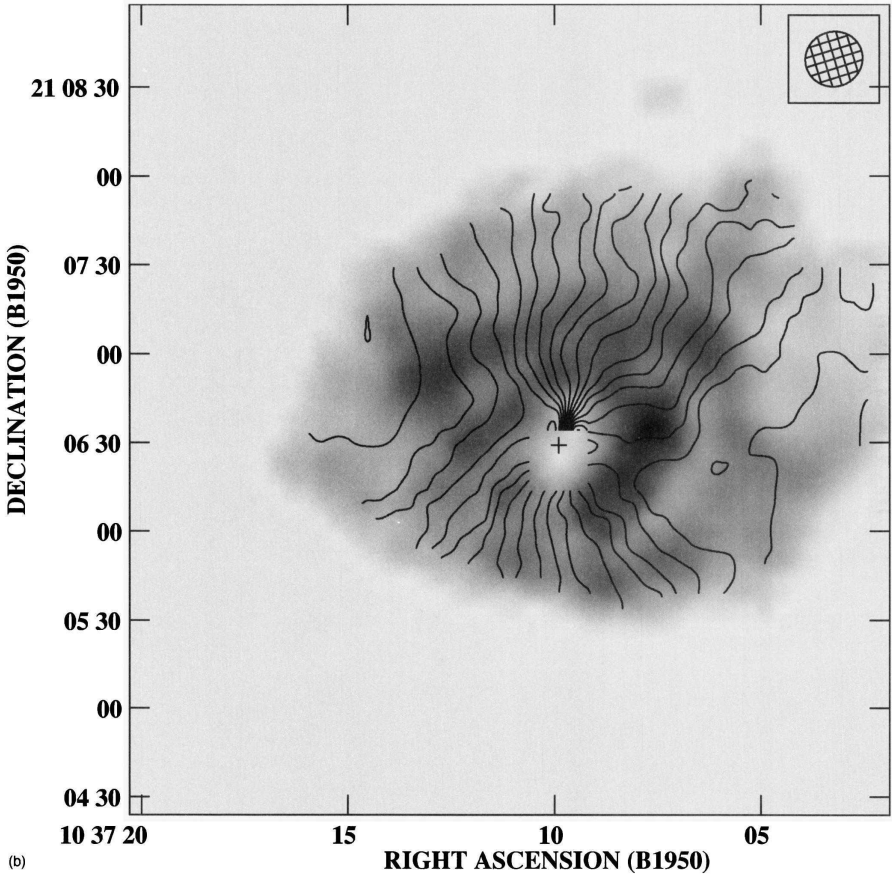


FIG. 2. (continued)

spiral arms are far brighter than the underlying disk which is only marginally detected. Although peaks in the H I and *R* band surface brightness are correlated (see Figs. 1 and 2) they do not correspond to maximum densities or surface brightnesses in the azimuthal cuts except at large radii in UGC 6614 (see Figs. 3 and 4). Better correlation might be observed with higher angular resolution H I observations.

Since the amplitudes shown in Figs. 3 and 4 depend on the assumed galaxy orientations we recomputed them for moderate variations in the inclination angles. For a 5° lower inclination of 20° in UGC 6614, the changes in amplitudes

TABLE 1. Observation parameters and derived properties.^a

	F568-6	UGC 6614
Total absolute <i>R</i> band magnitude	-23.6 ± 0.1	-22.3 ± 0.1
Distance assumed (Mpc)	184	85
Total H I line flux (Jy km/s)	4.4 ± 0.3	15.0 ± 0.8
Total H I mass ($10^{10} M_{\odot}$)	3.6 ± 0.4	2.5 ± 0.2
FWHM of synthesized beam (″ × ″)	19.5×18.4	21.4×19.8