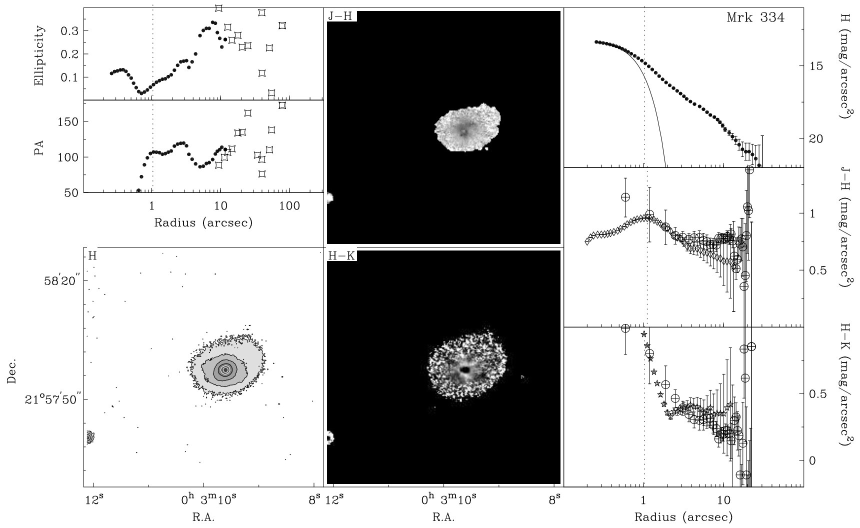
Subarcsecond Near-Infrared Photometry of Seyferts - Figures 1a



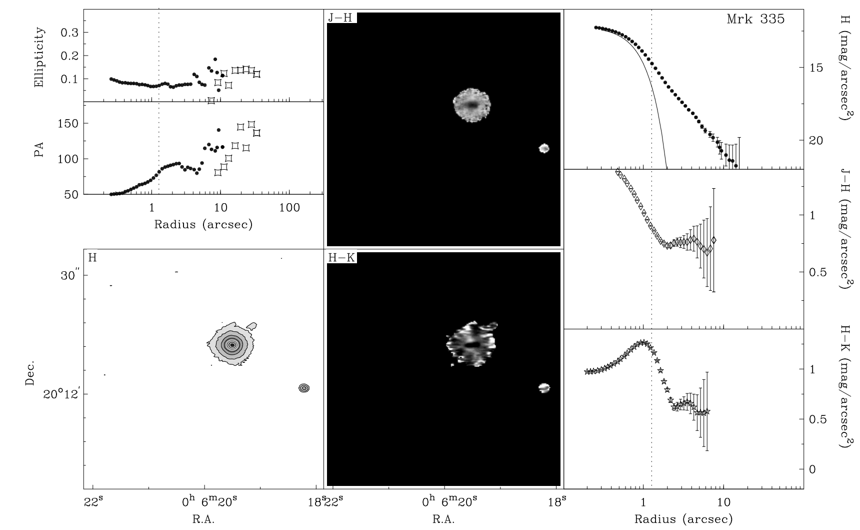
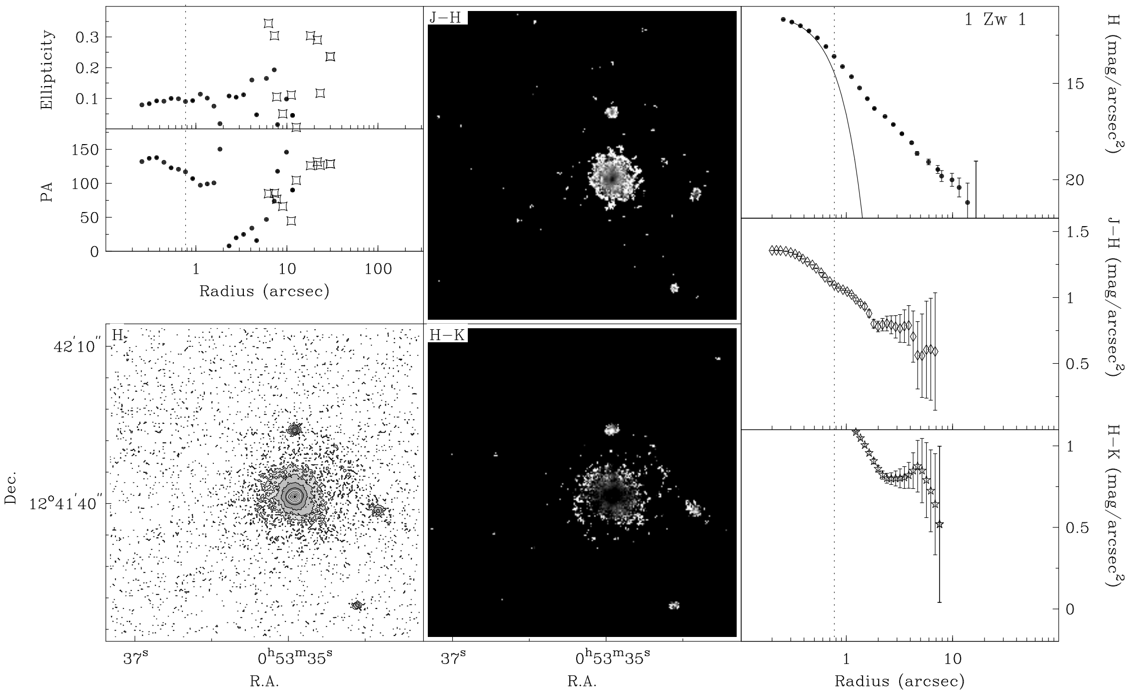
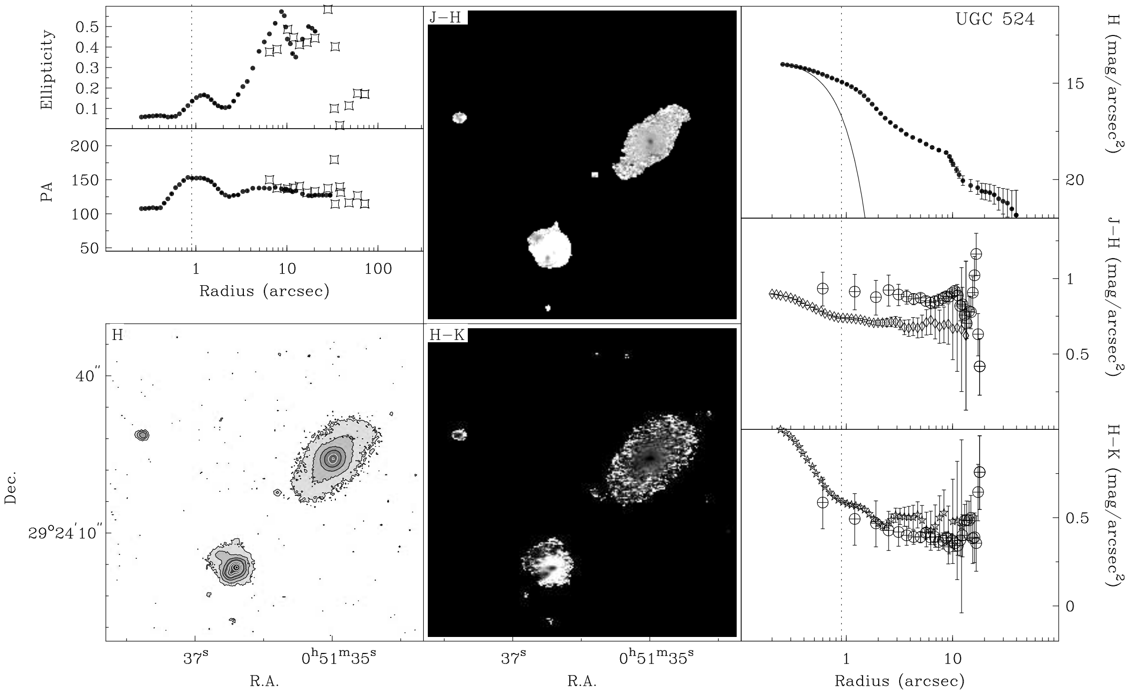


Fig. 1.— Images and photometric profiles for the individual galaxies, also tabulated in Table 5. On the upper left ellipticity $(1 - b/a)$ and major axis position angle are plotted as a function of major axis radius. The position angle has been measured from N through E. Filled dots are fits to our H-band data, while open squares are fits to the POSS images. The lower right panel is a contour plus gray scale plot the galaxy. Contours start at H=19 mag arcsec^{-2}, with intervals of 1 mag arcsec^{-2}. For NGC 4395 and NGC 5347, fort which POSS data is plotted, the contour zeropoint is arbitrary, and the contour level 1 mag arcsec^{-2}. The coordinates are J2000.0, obtained from the NASA/IPAC Extragalactic Database (NED). The middle two panels are gray scale representations of $J - H$ and $H - K$ color index images, with a gray scale interval of 0.05 mag arscec^{-2}. The upper right panel show the H-band surface brightness profile (drawn line) and the PSF at the time of observation (dashed line), normalized to the center of the galaxy. The dotted line again indicates 1 seeing FWHM. In the color profiles, lower right panel, the dotted line indicates 1 seeing FWHM of the band with the worst seeing. Open circles indicate the colors of Hunt et al. (1997). For NGC 4395 and NGC 5347 only POSS data have been analyzed and plotted. For the control sample only the surface brightness profile in K, the ellipticity and position angle profile and a grayscale map of the galaxy are shown (from top to bottom). The contour levels of the grayscale map are the same as in K as for the Seyfert galaxies in H. The meaning of the symbols is the same as for the CfA sample.





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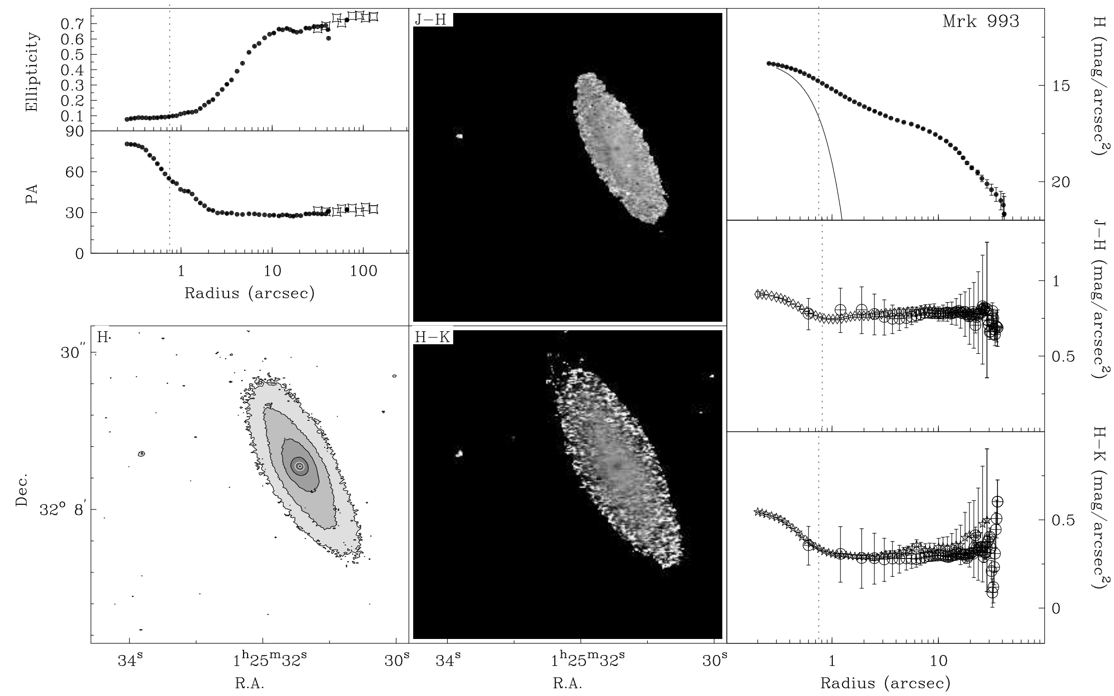

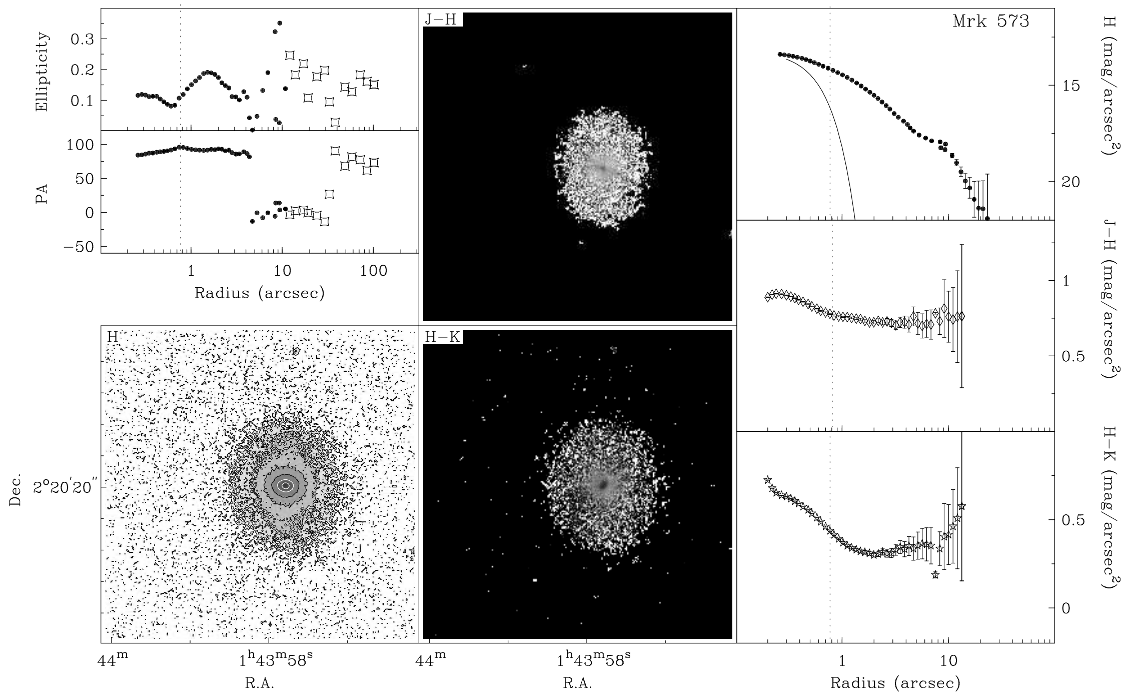

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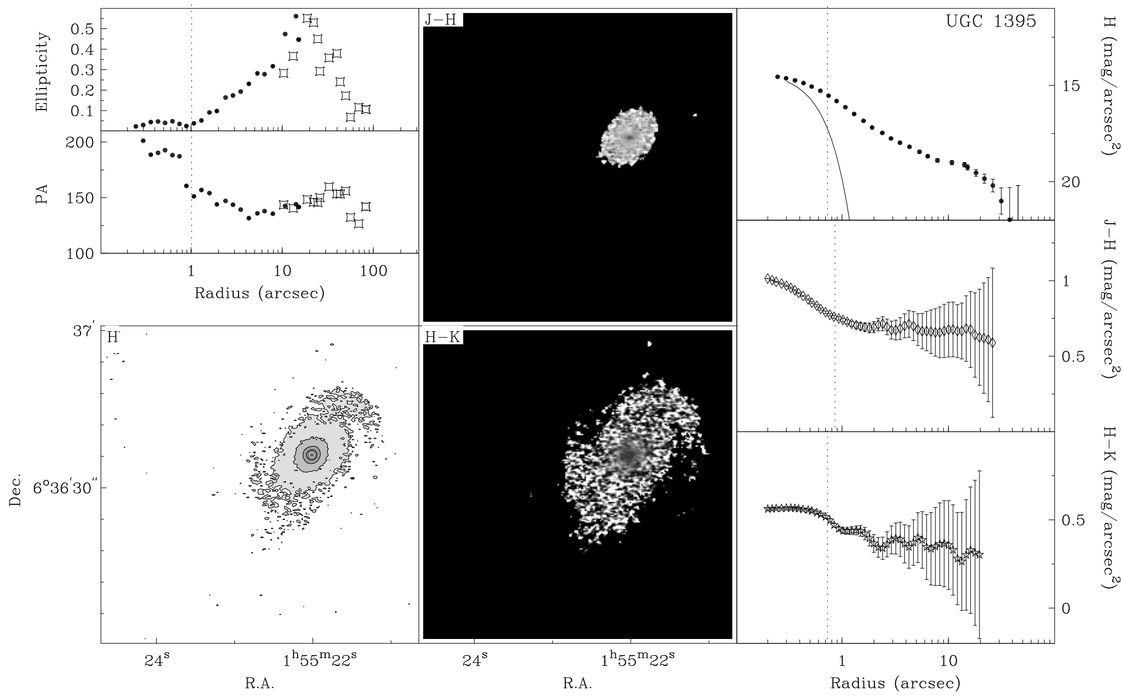

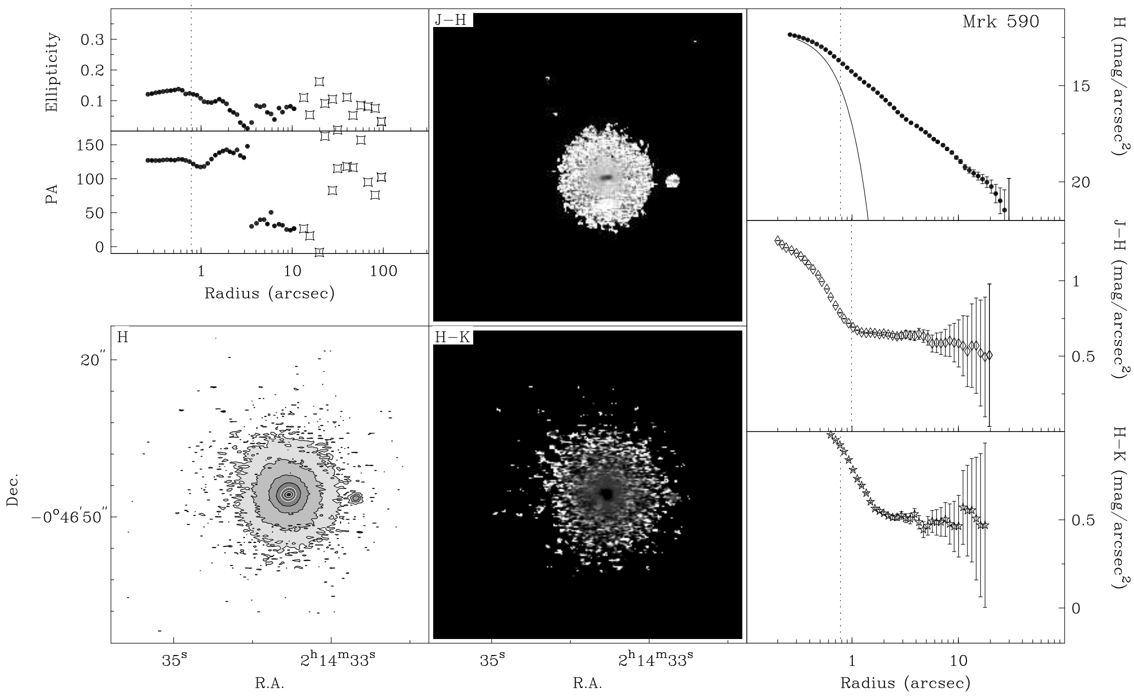

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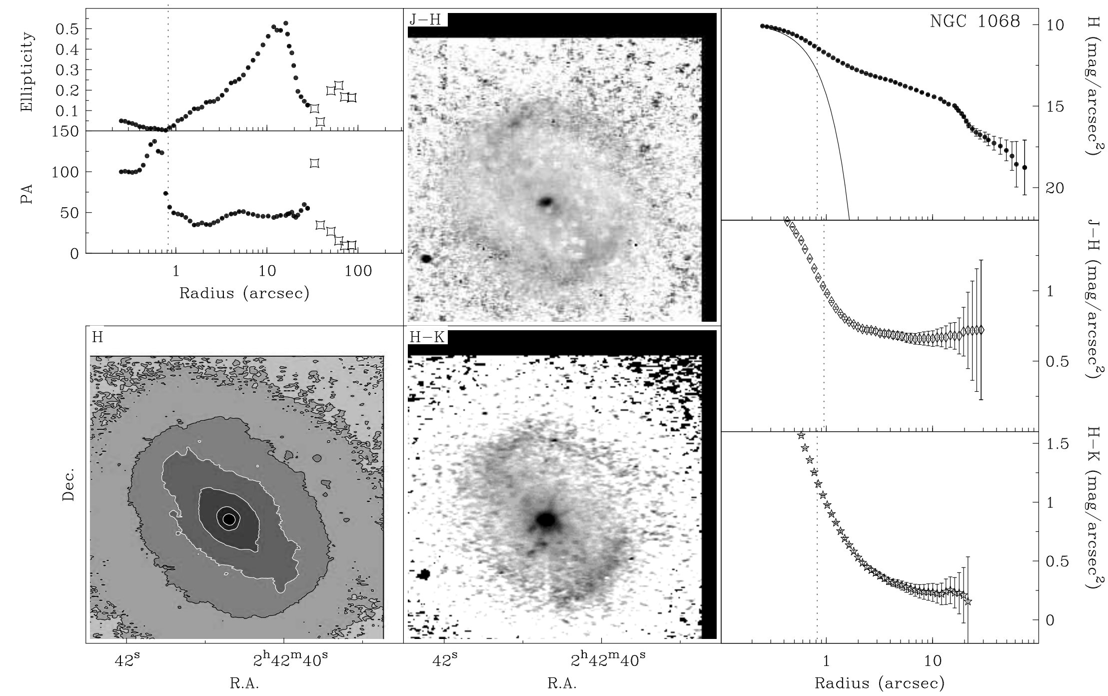

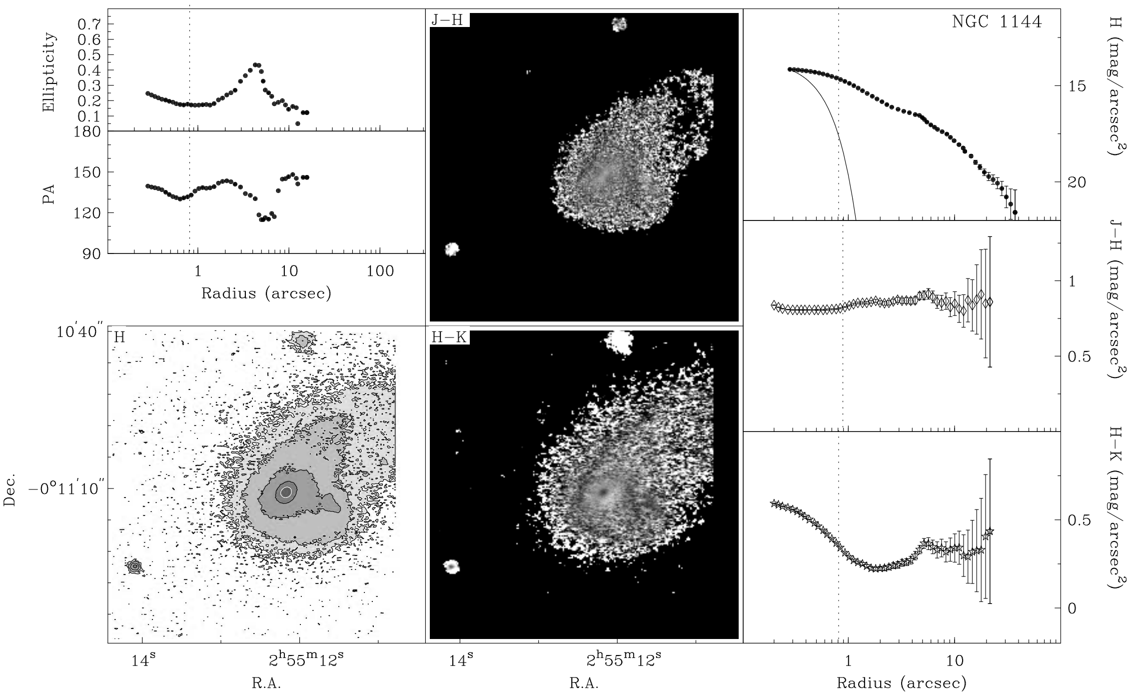

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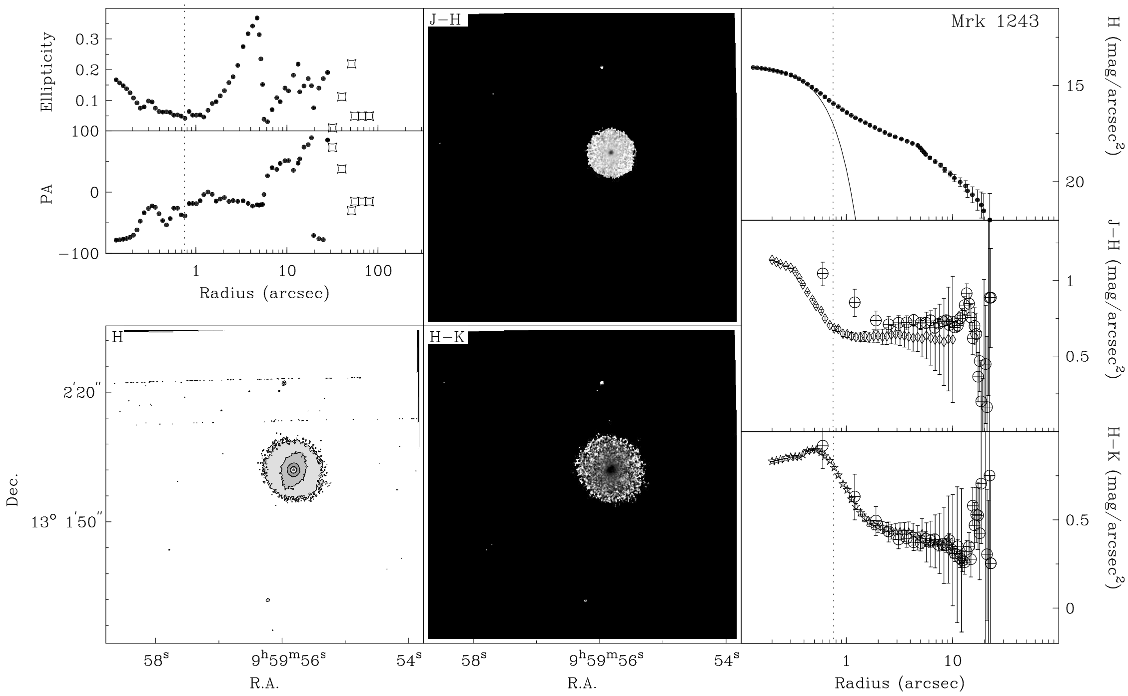

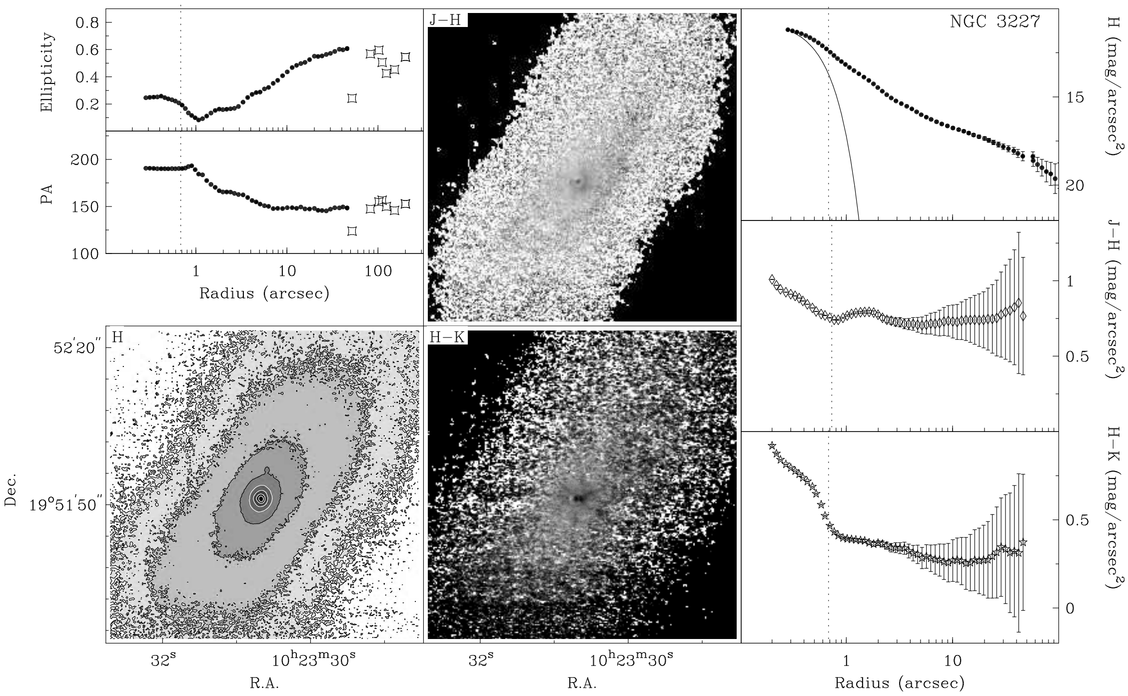

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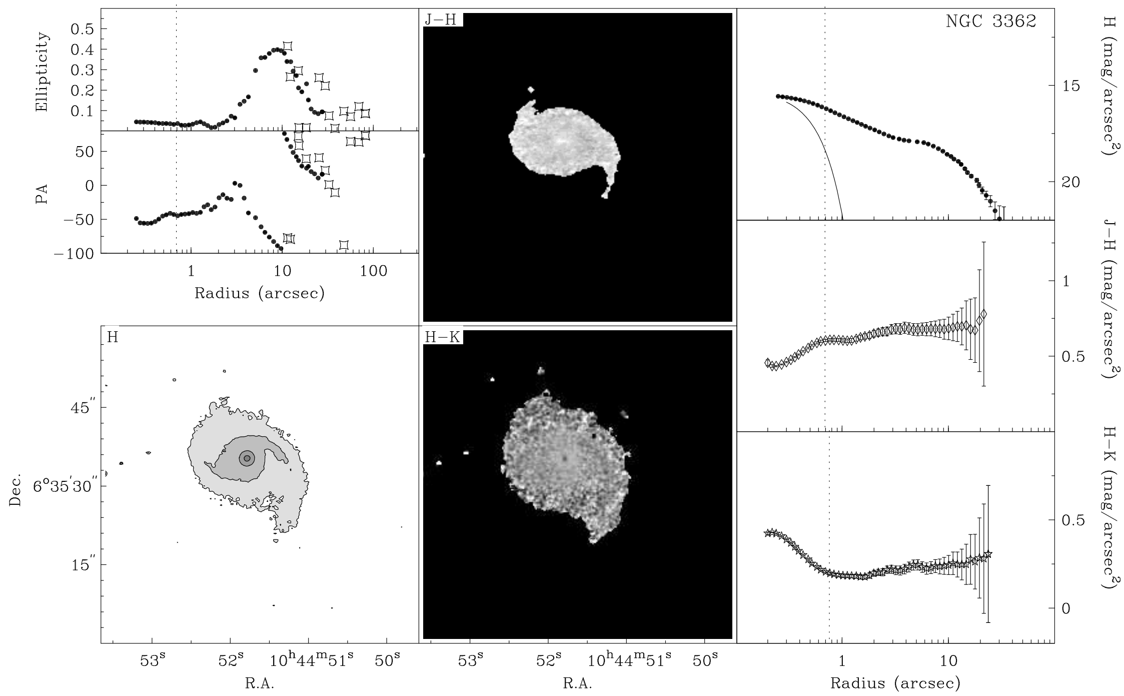

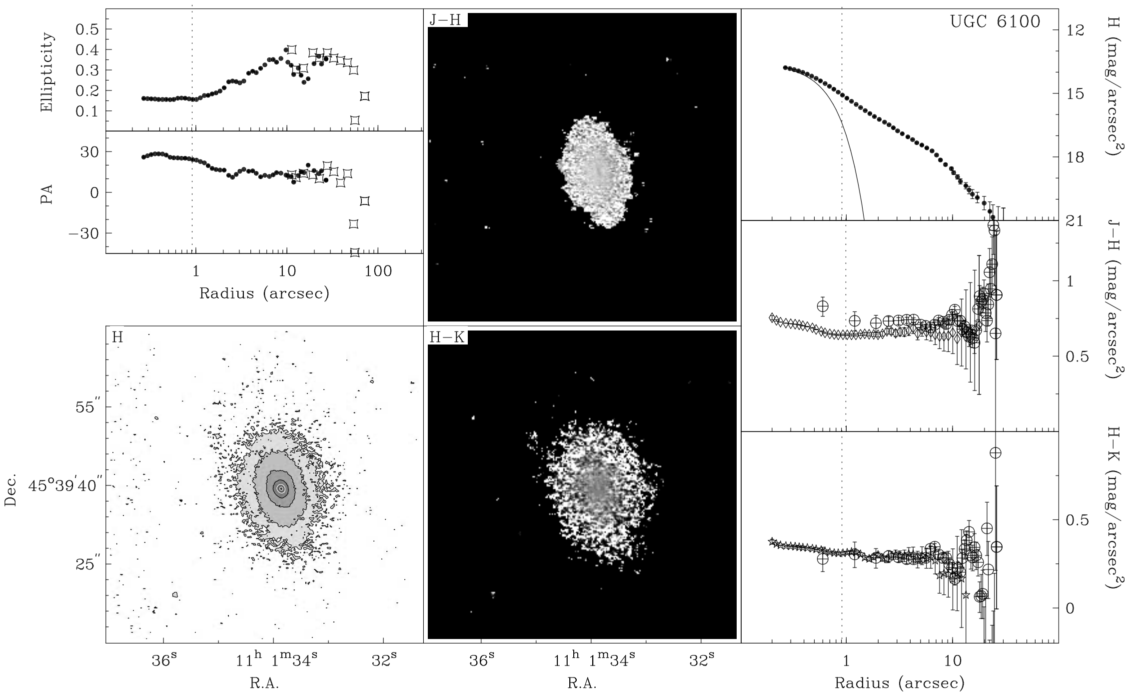

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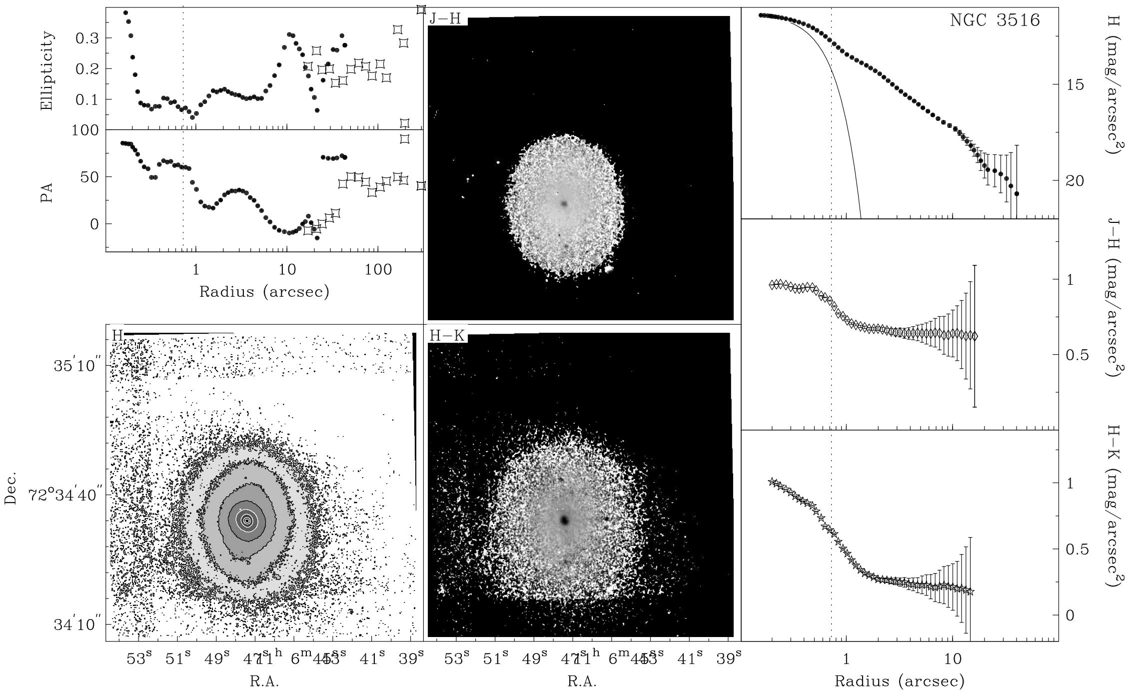

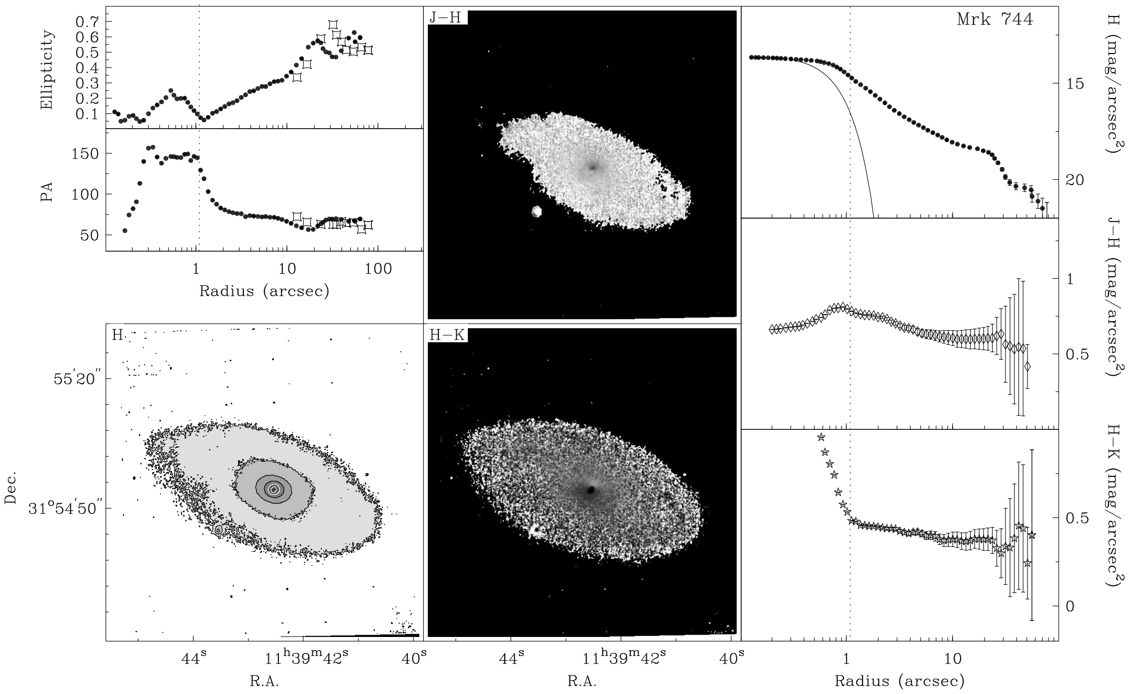

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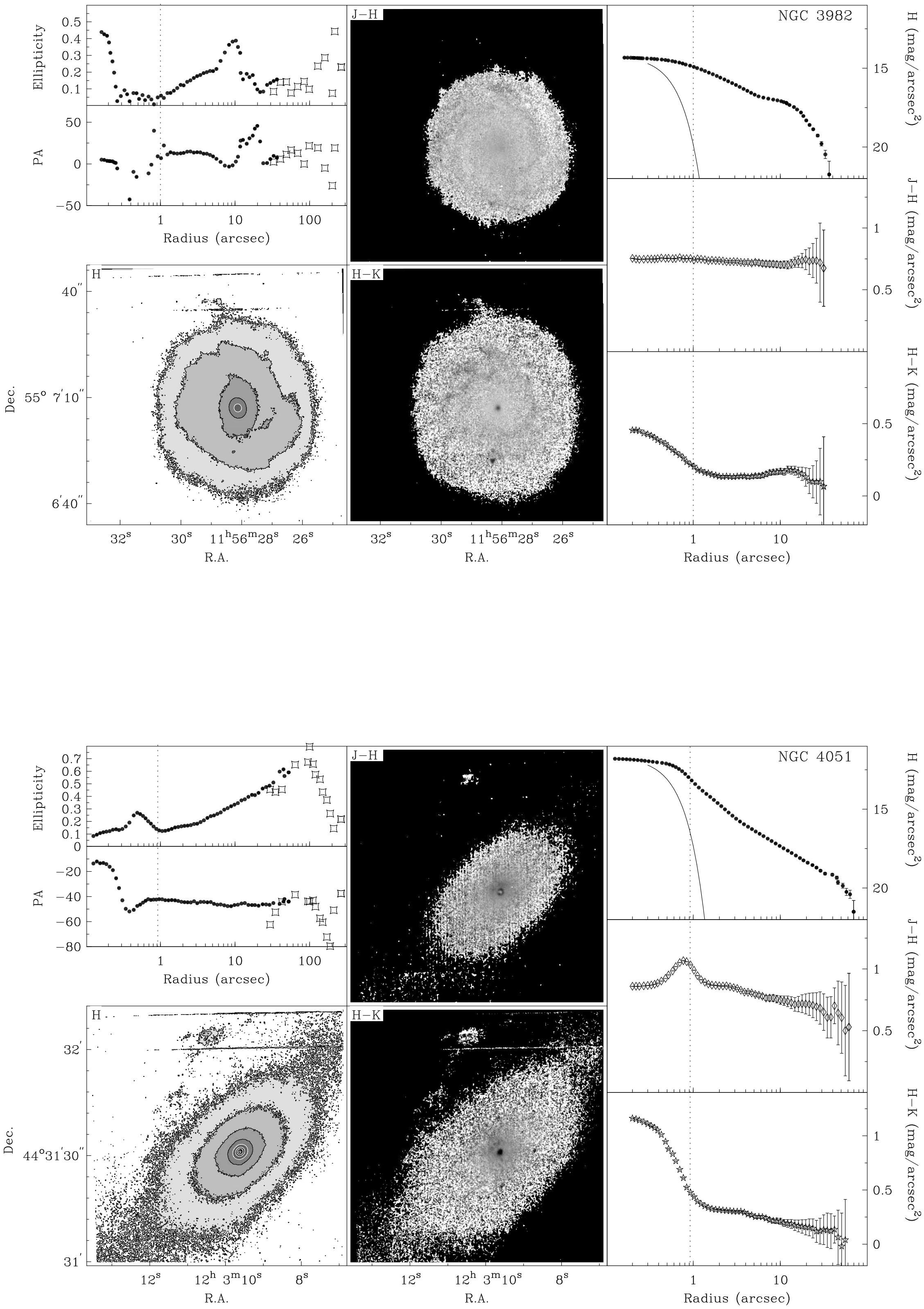

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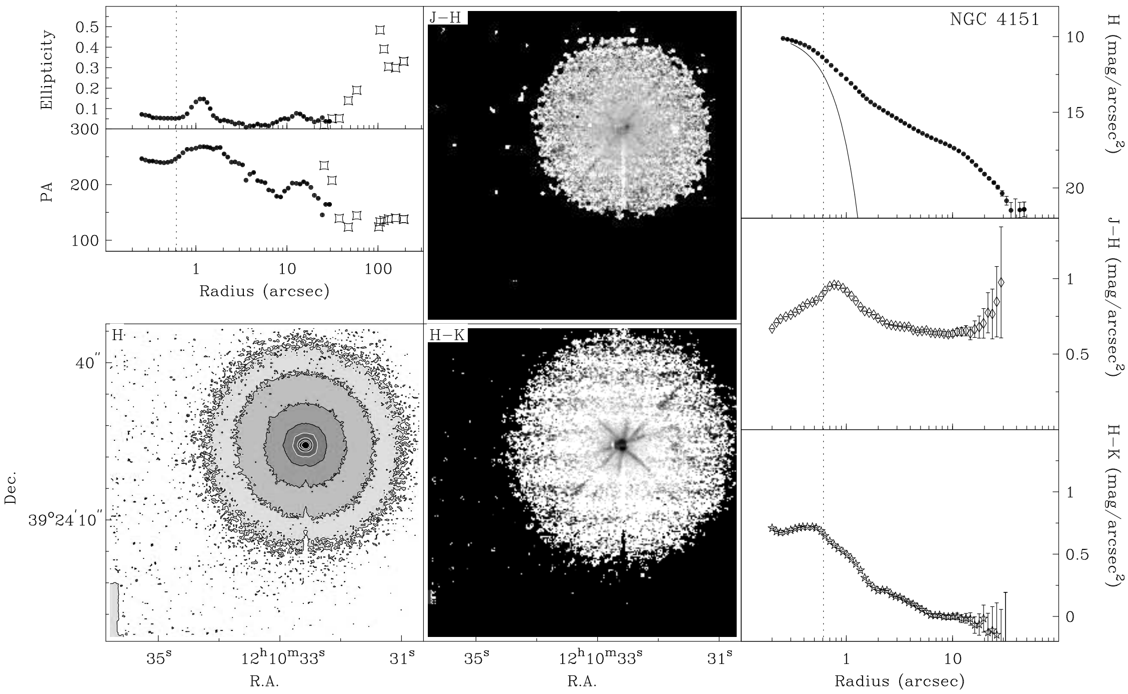

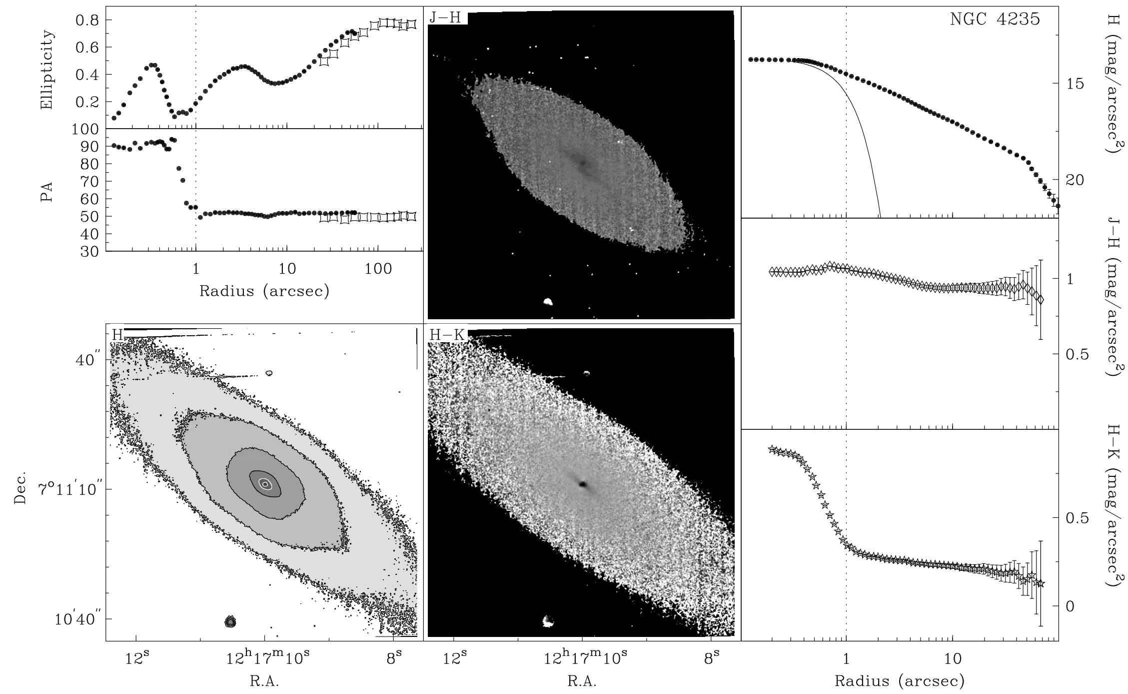

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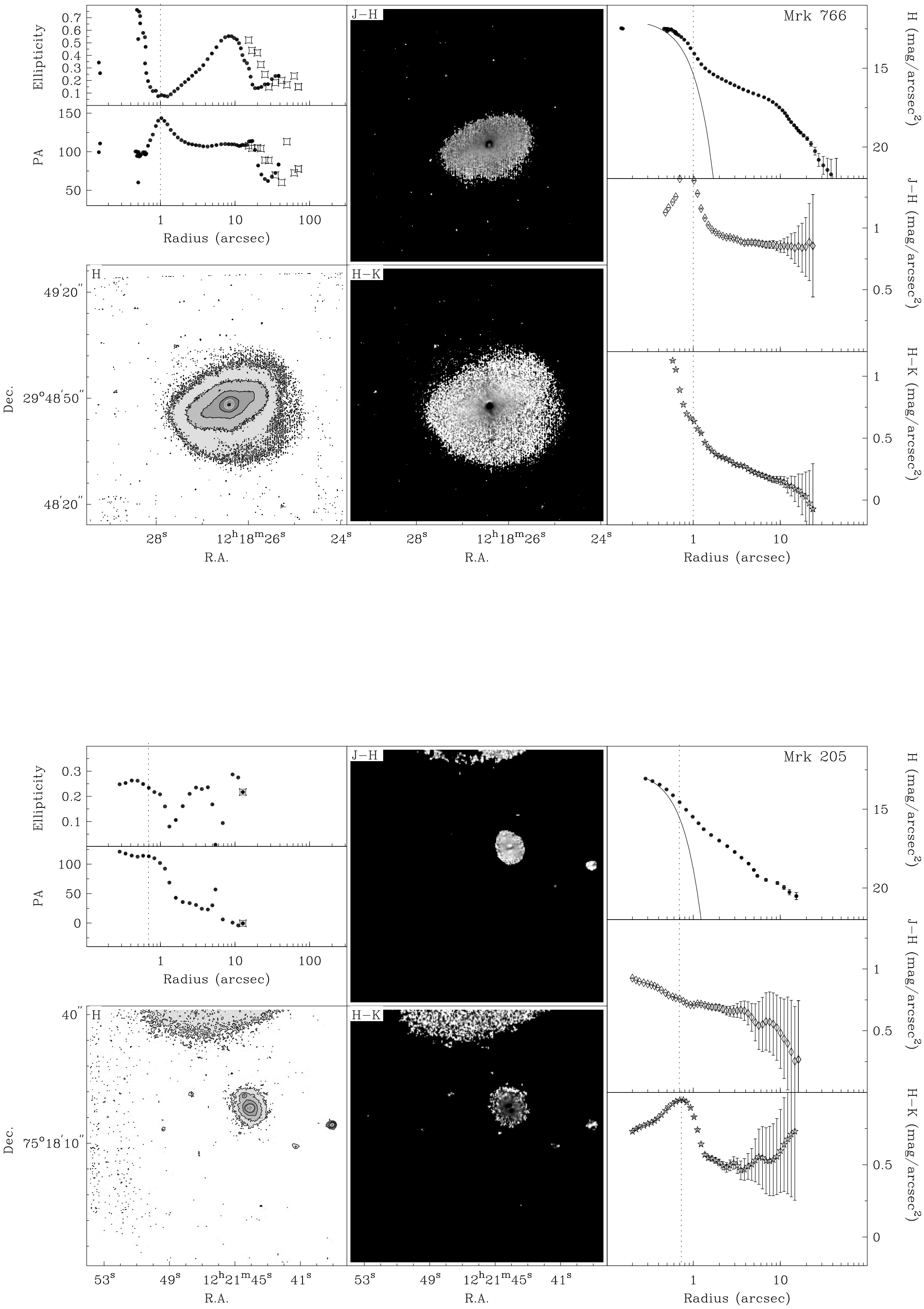

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