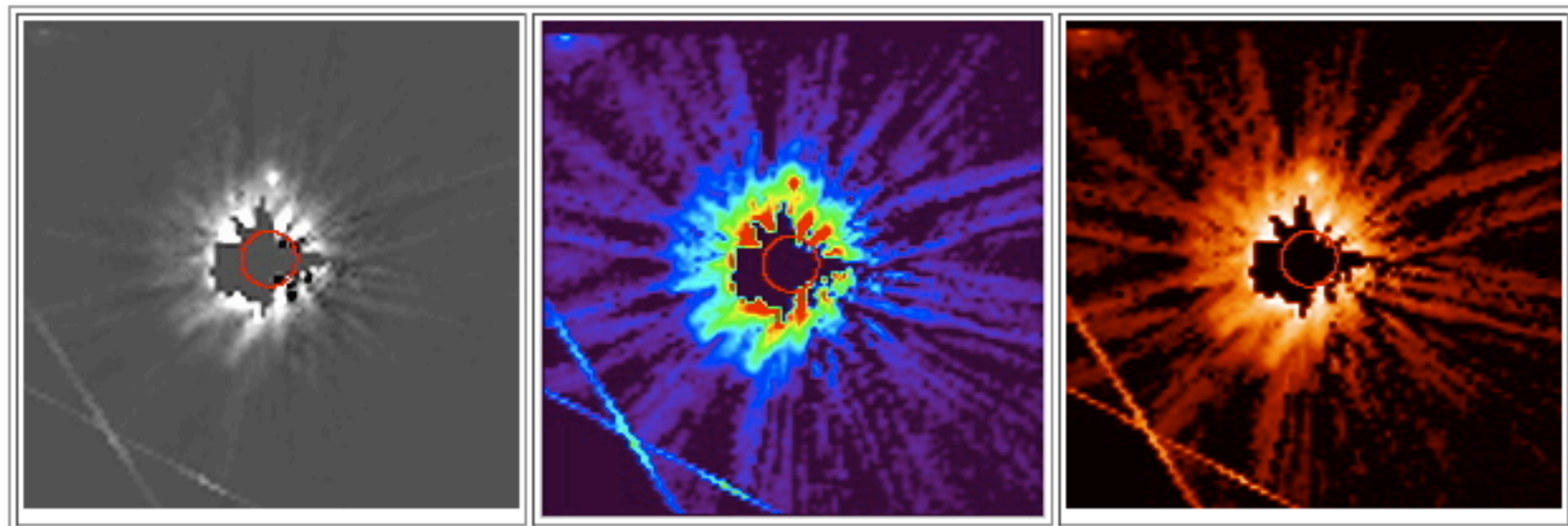


PDS 66 (MP MUS) CIRCUMSTELLAR DISK IN SCATTERED LIGHT

G. Schneider, 19 April 2006
(First... The Observational Results)



NICMOS F110W (1.1 MICRON) CORONAGRAPHIC IMAGING

13 April 2006 U.T. - 2-Roll Combined PSF subtracted imagery using HD 25588 - North Up
7.5" x 7.5" centered on NICMOS coronagraph (central $r = 0.41''$ [5.45 pixel] circles*).

Left: Linear -1.5 to +5 ADU/sec/pixel*

Middle: Sqrt 0 to +5 ADU/sec/pixel

Right: Log10: +0.001 to +10 ADU/sec/pixel

Note companion candidate: (or background star) @ $r = 1.2''$ (PA = 359 deg; F110Wmag ~ 17.2)

* Obscured radius plus FWHM (0.11") of PSF; 1 ADU/sec/pixel = 218 microJy arcsec⁻²