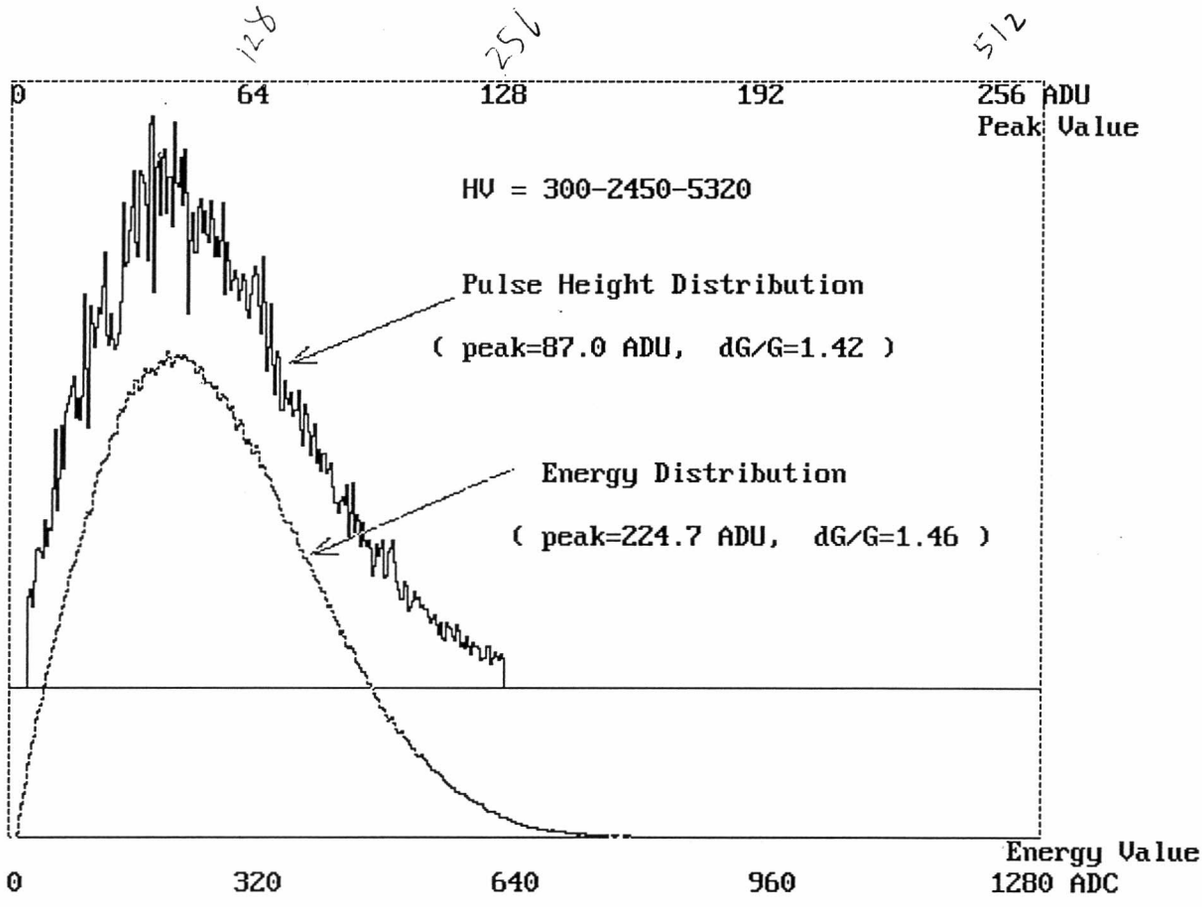

Fig. 1 PHD and Energy distribution from whole detector area 17 June 1997

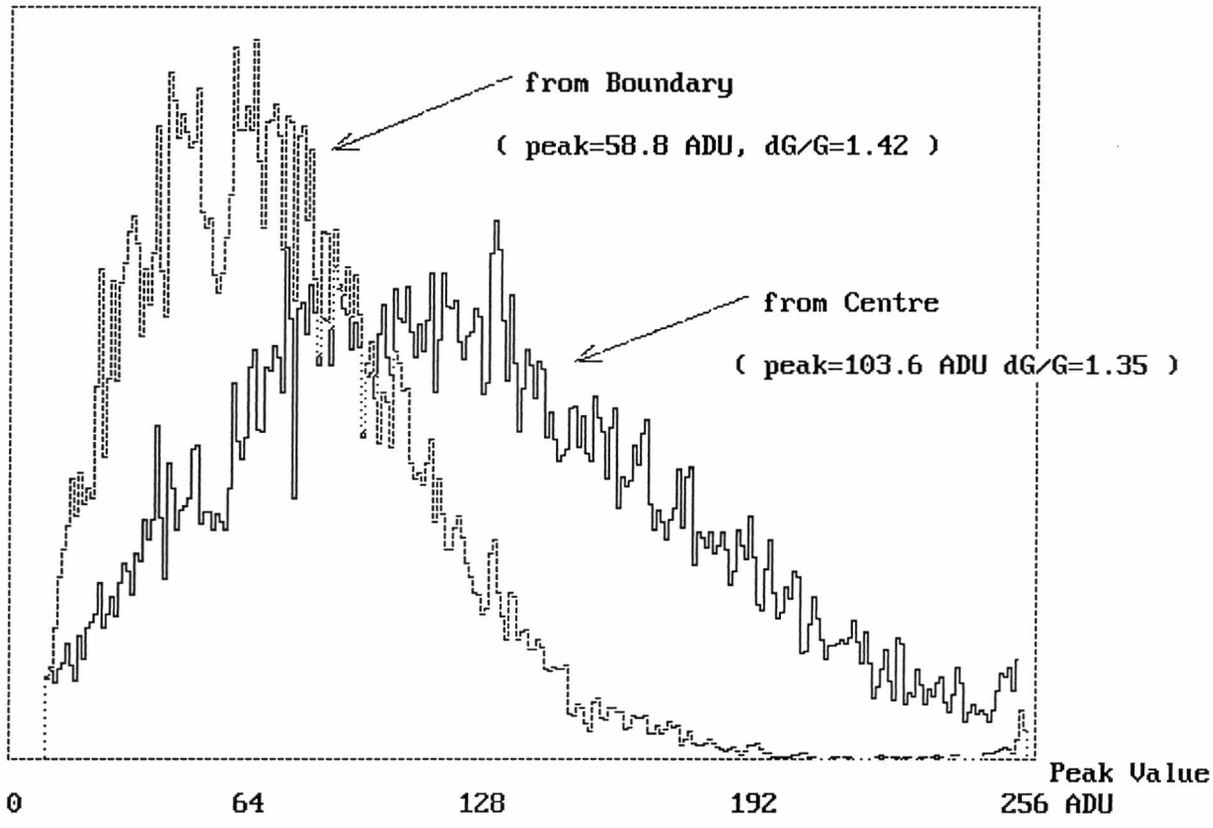

Fig. 2 PHDs from centre and boundary of the detector 17 June 1997

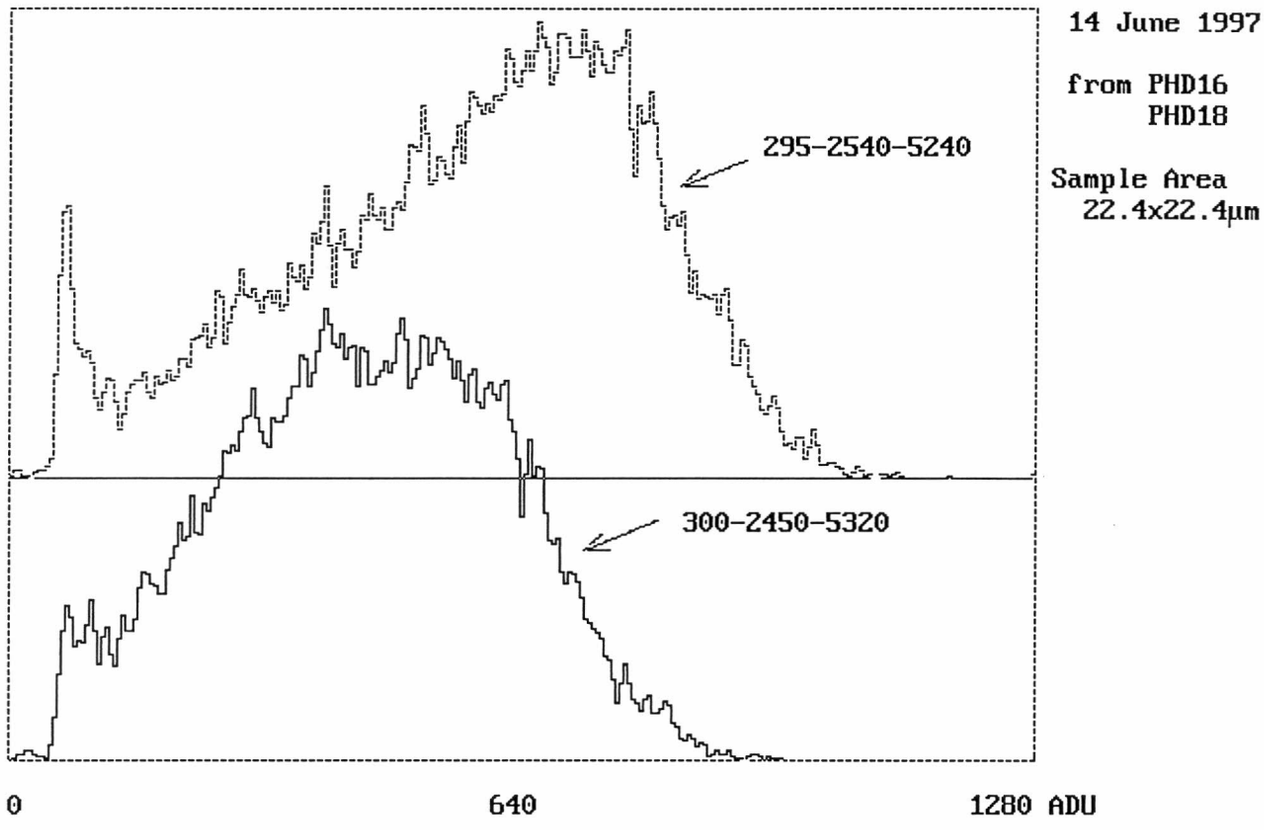

Fig. 3 PHD from nucleus part of events with x3 magnification optics

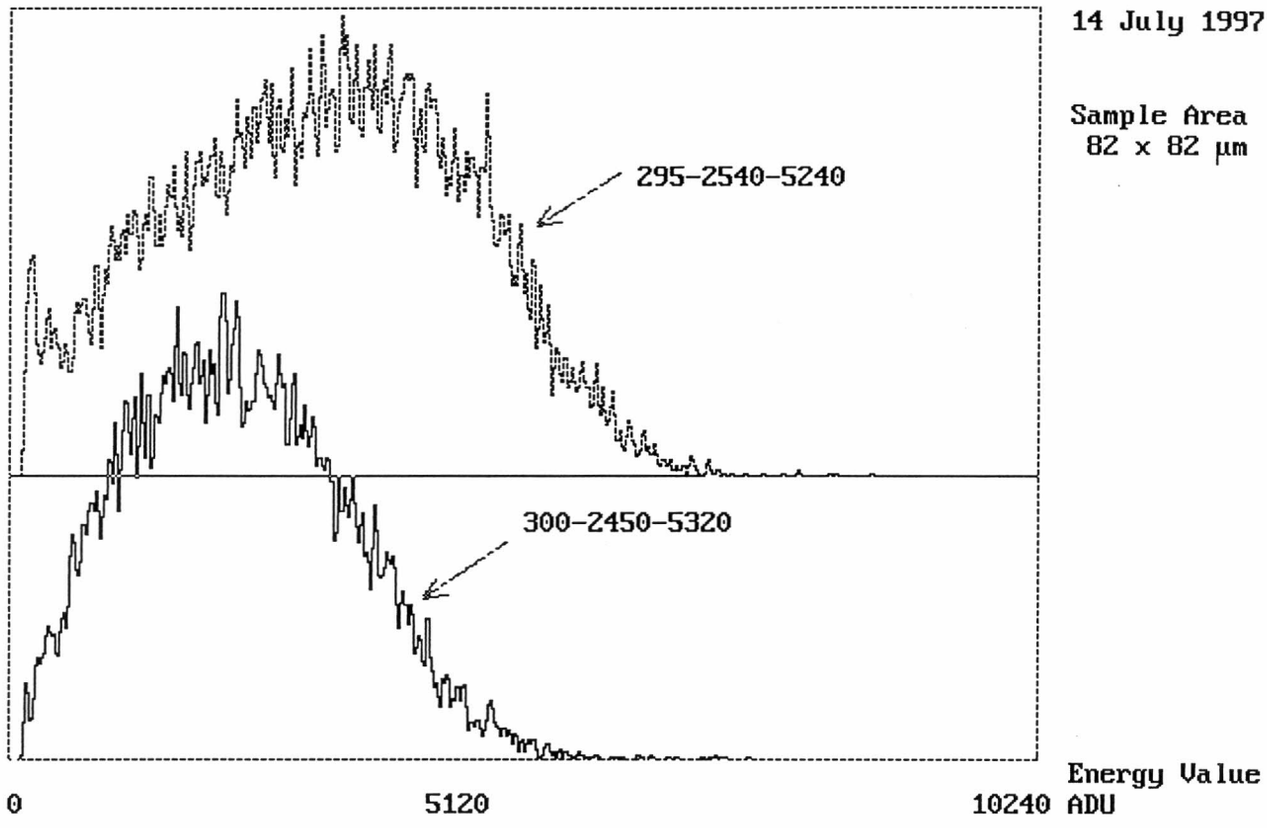

Fig. 4 Enegry distributions with x3 magnification optics

Fig. 5 F-F in photon counting mode. Exp=15hr Illuminaton=11kHz/(full area)

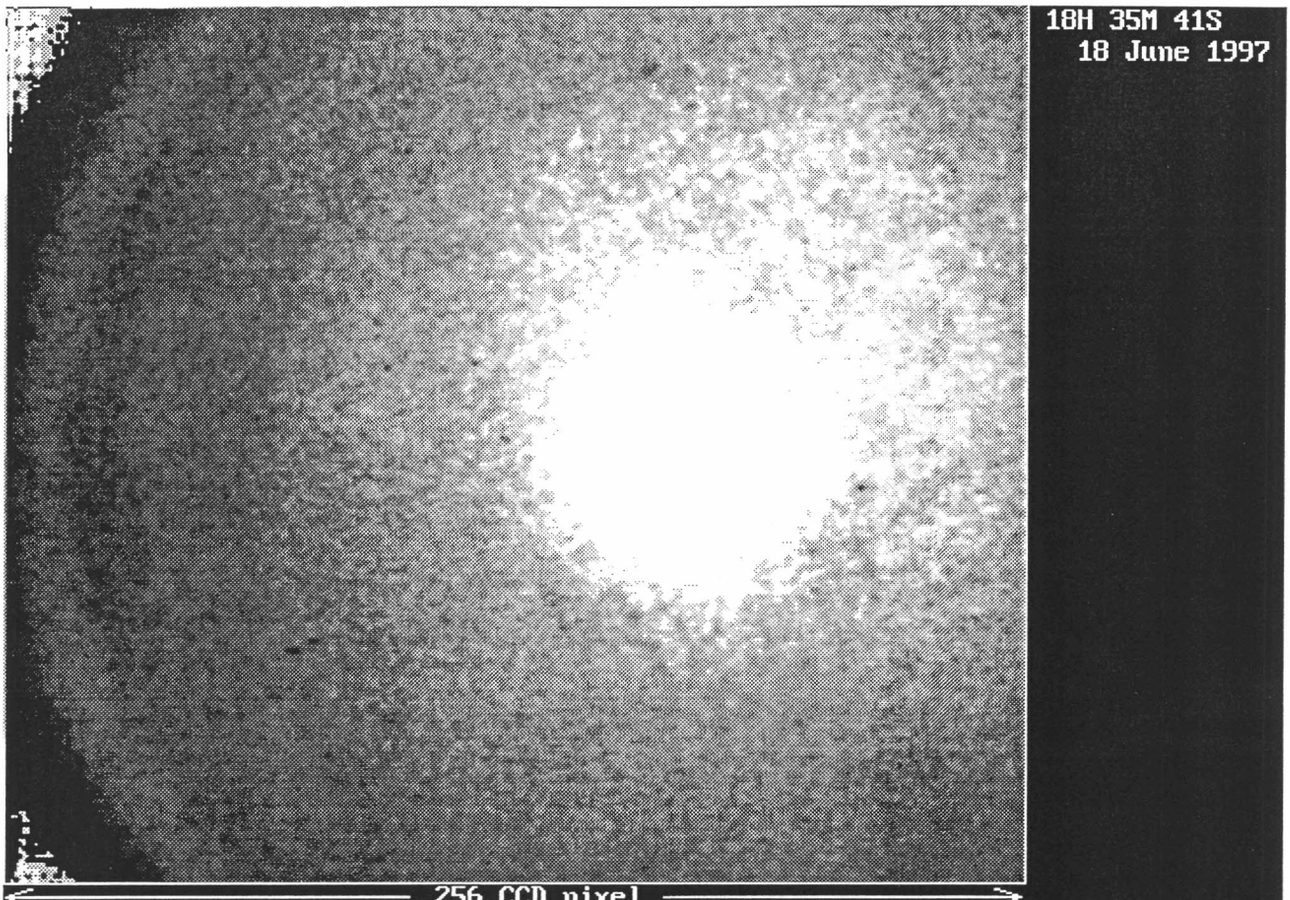

Fig. 6 F-F in analog mode 10000 frames added illumination = 100kHz

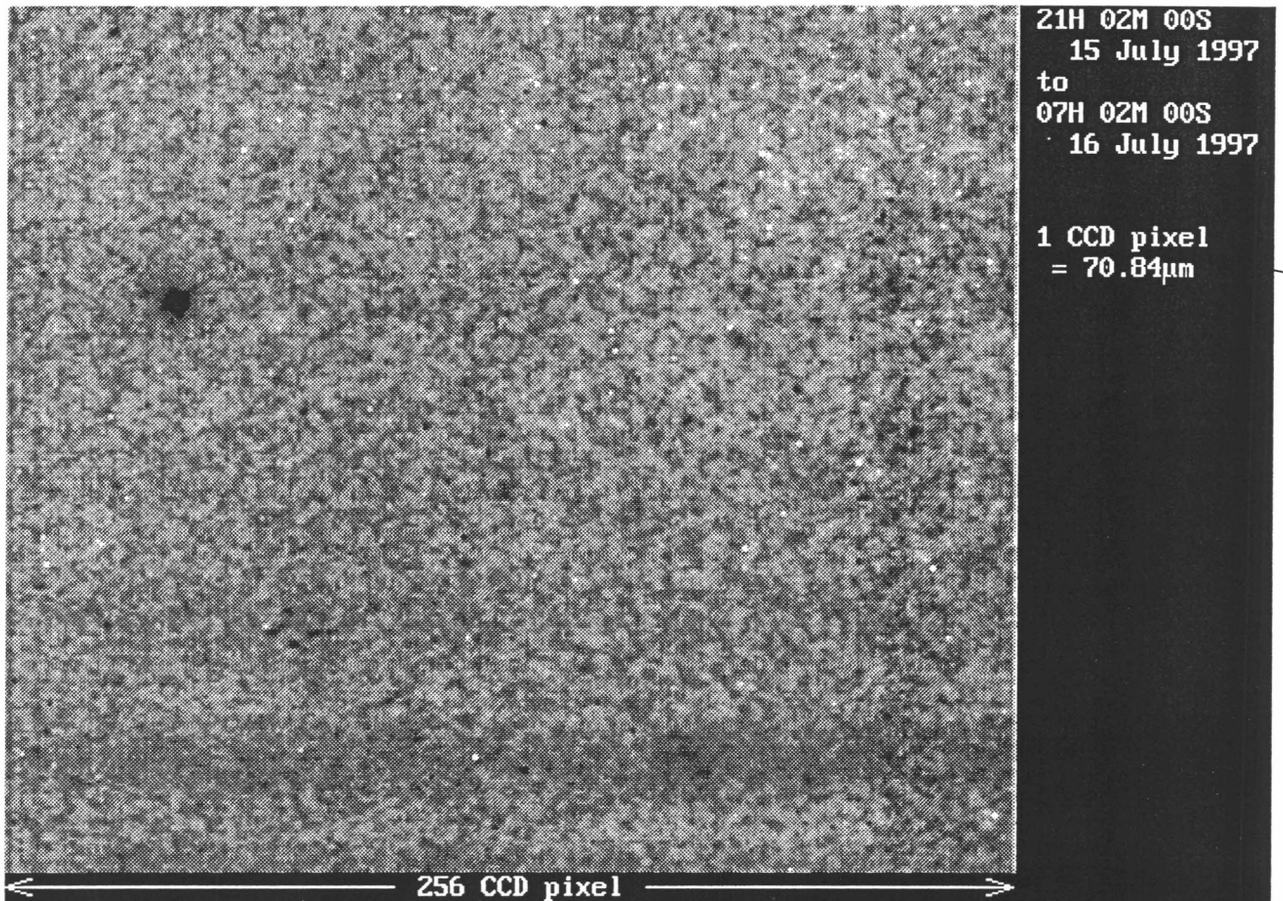

Fig. 7 F-F in analog mode with x3 magnification optics. 655360 frames added

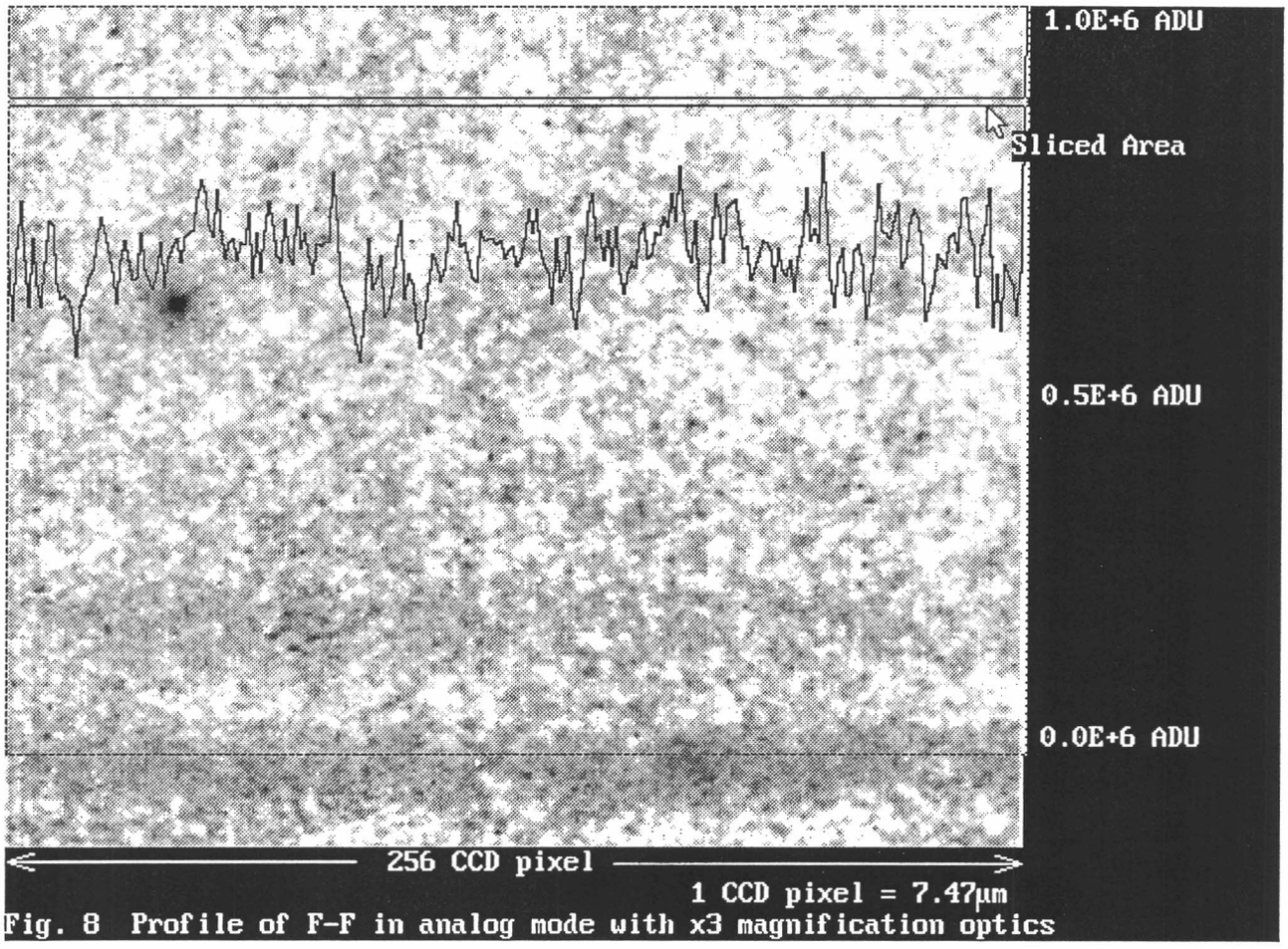

Fig. 8 Profile of F-F in analog mode with x3 magnification optics

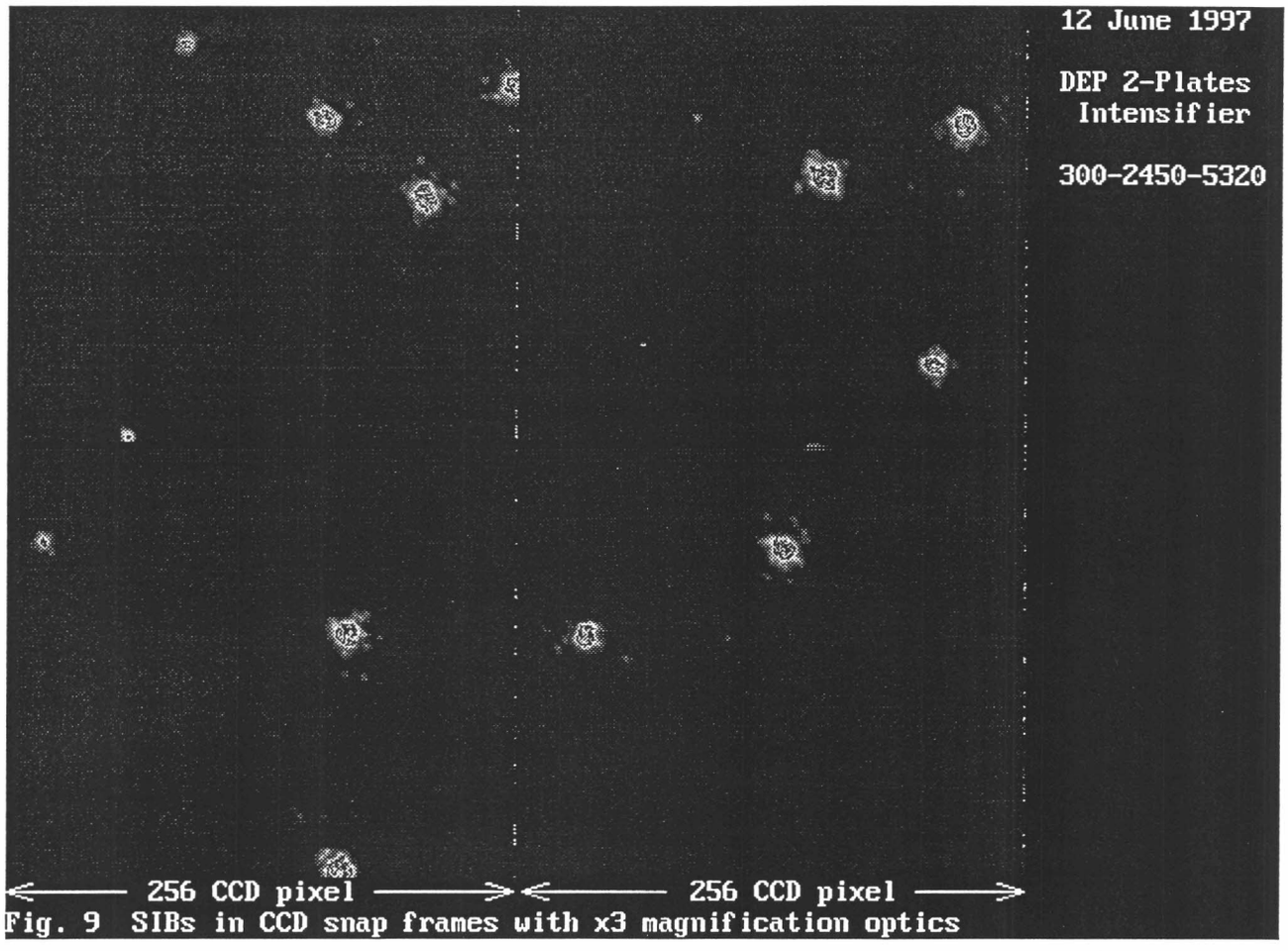

Fig. 9 SIBs in CCD snap frames with x3 magnification optics

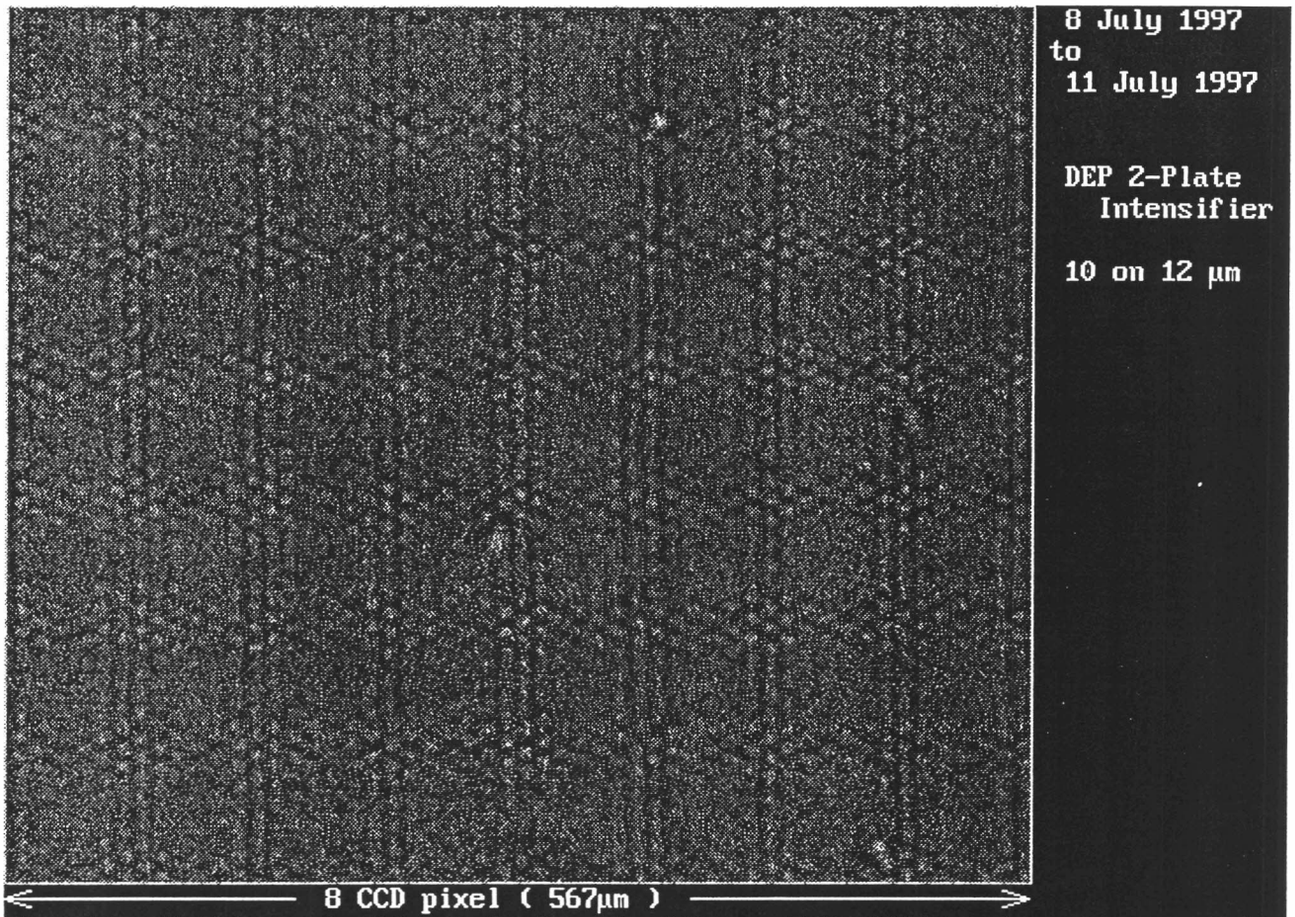

Fig. 10a F-F image by 64 subpixel centroiding 5.9 millions frames processed

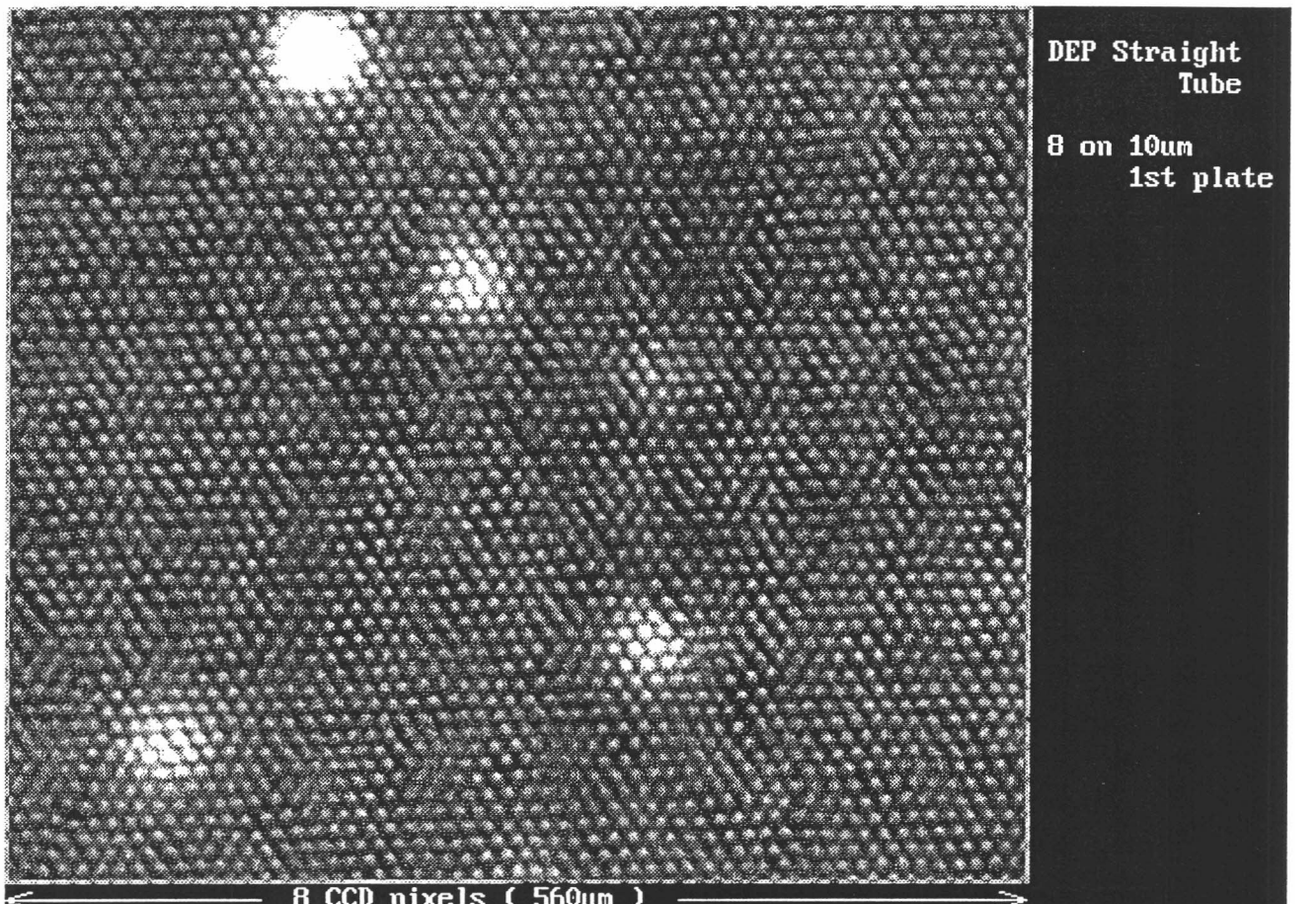

Fig. 10b Sky image by 64-subpixel centroiding. 43,833,000 Frs are processed.

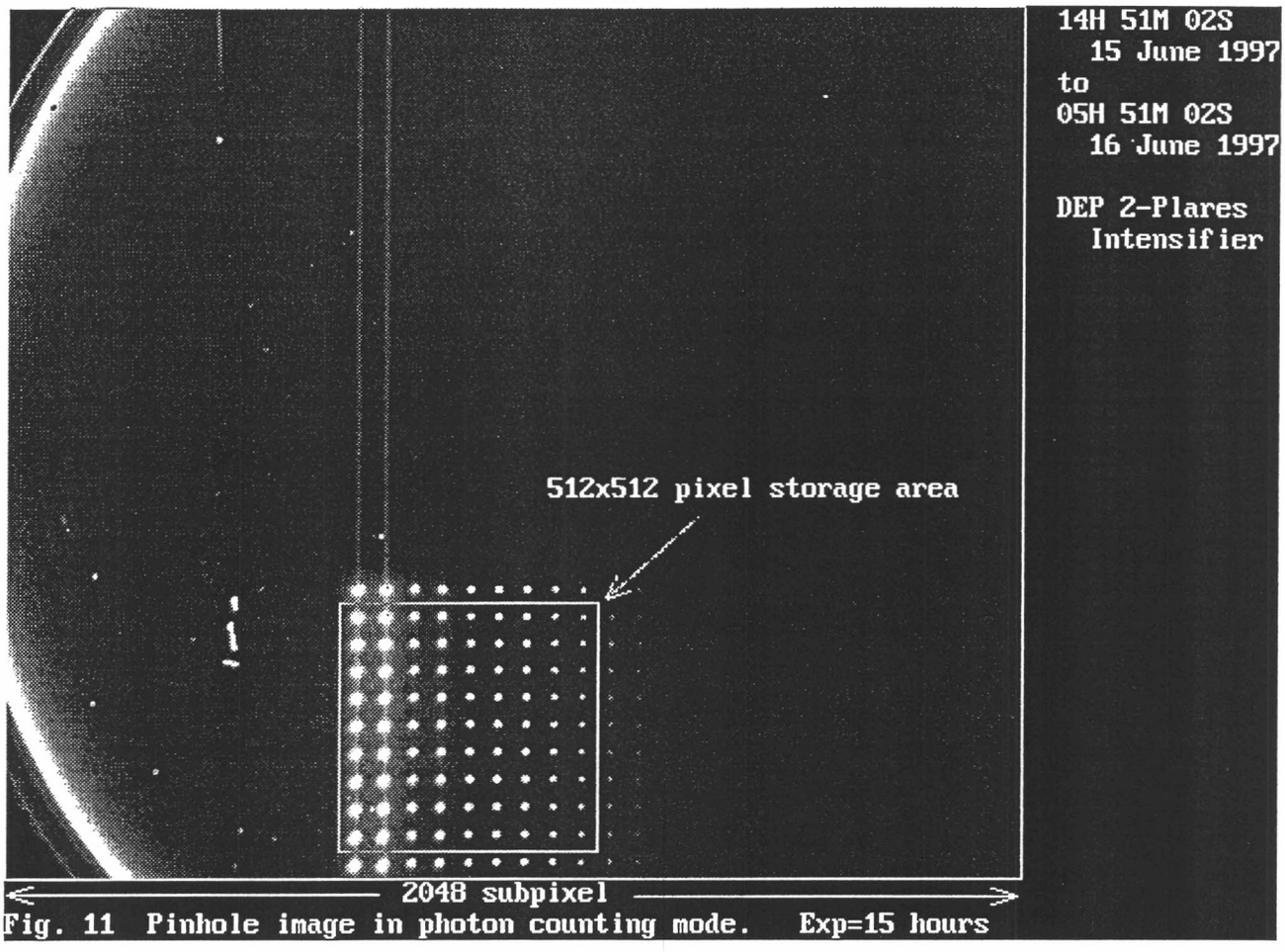

Fig. 11 Pinhole image in photon counting mode. Exp=15 hours

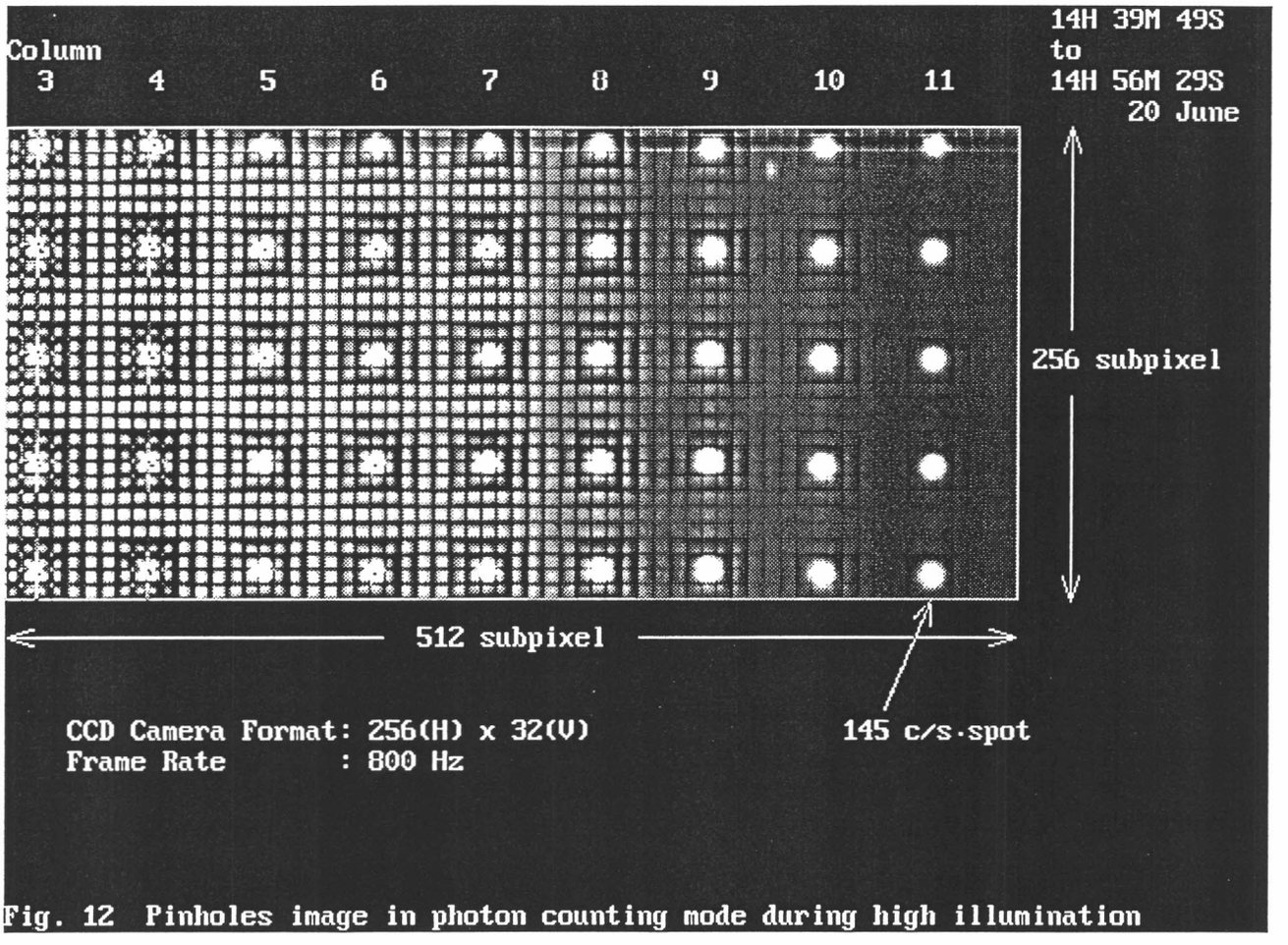

Fig. 12 Pinholes image in photon counting mode during high illumination

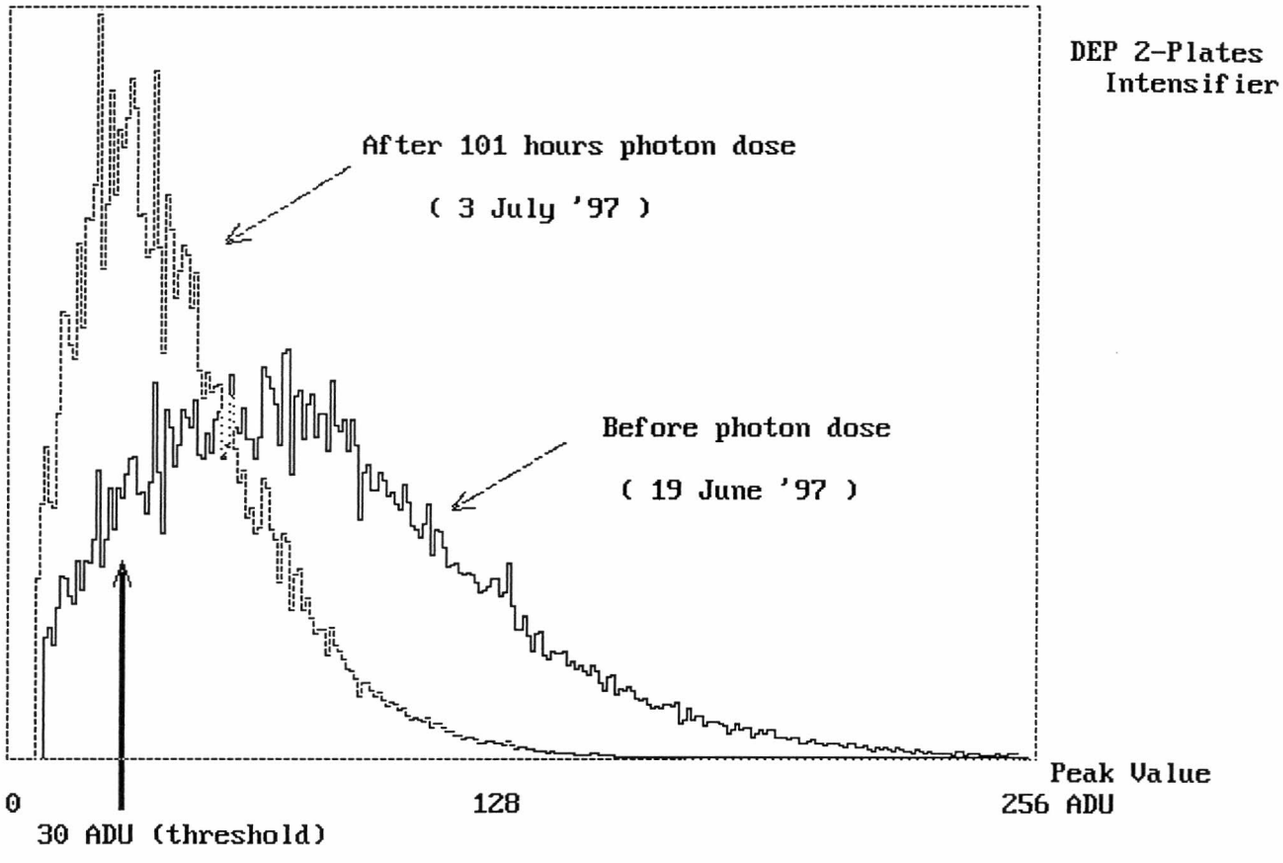

Fig. 13a PHDs from 160,000 c/s pinholes 19 June and 3 July 1997

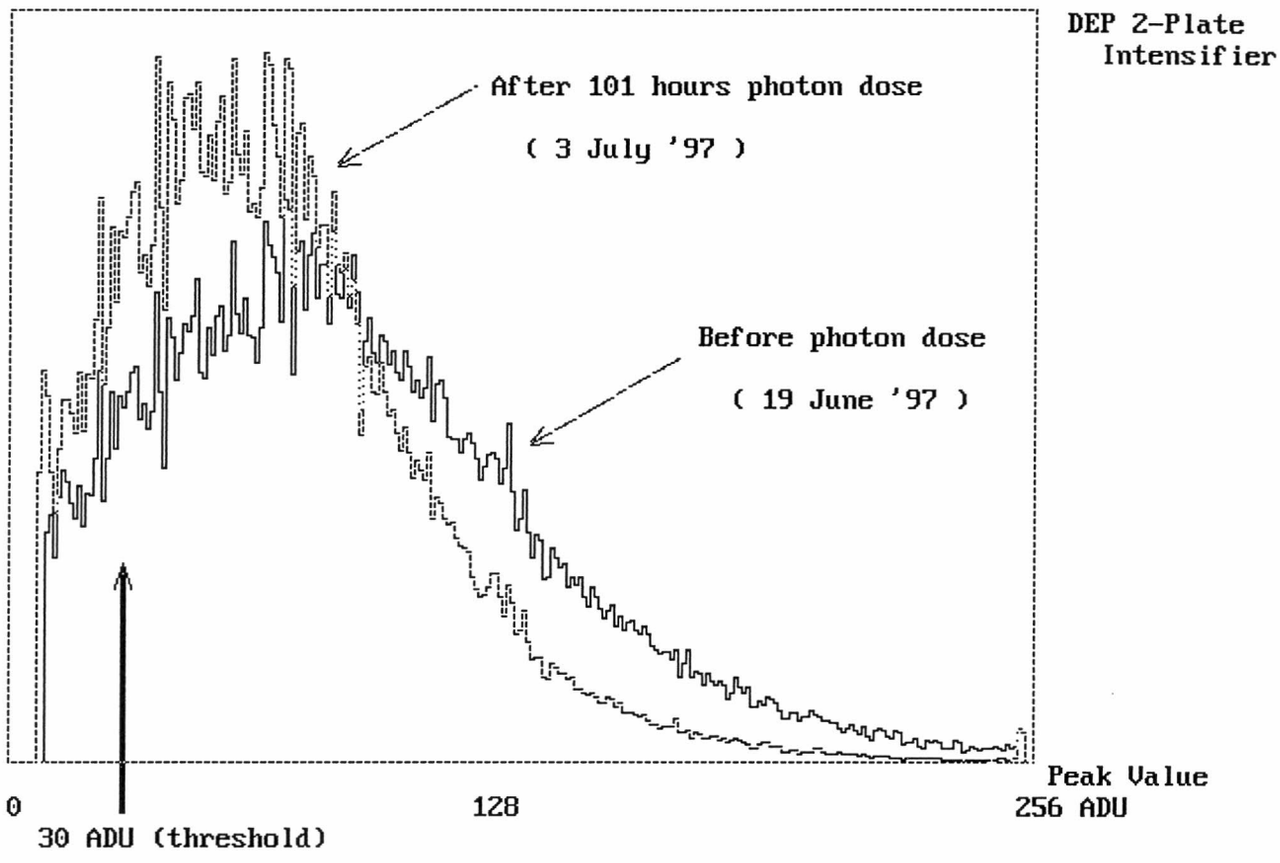

Fig. 13b PHDs from 5,000 c/s pinholes 19 June and 3 July 1997

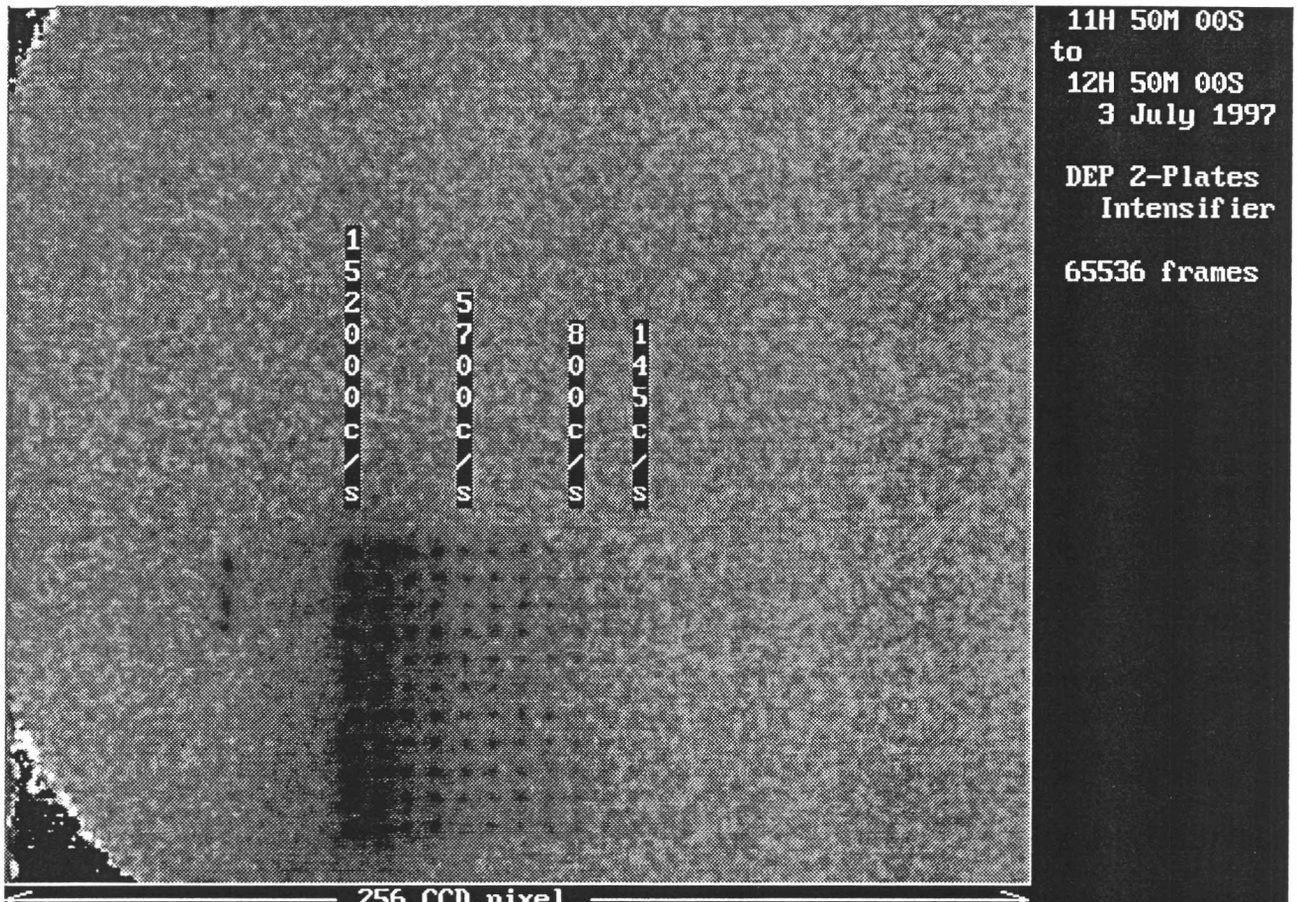

Fig. 14 F-F in analog mode after 101 hours daose. Flat fielded.

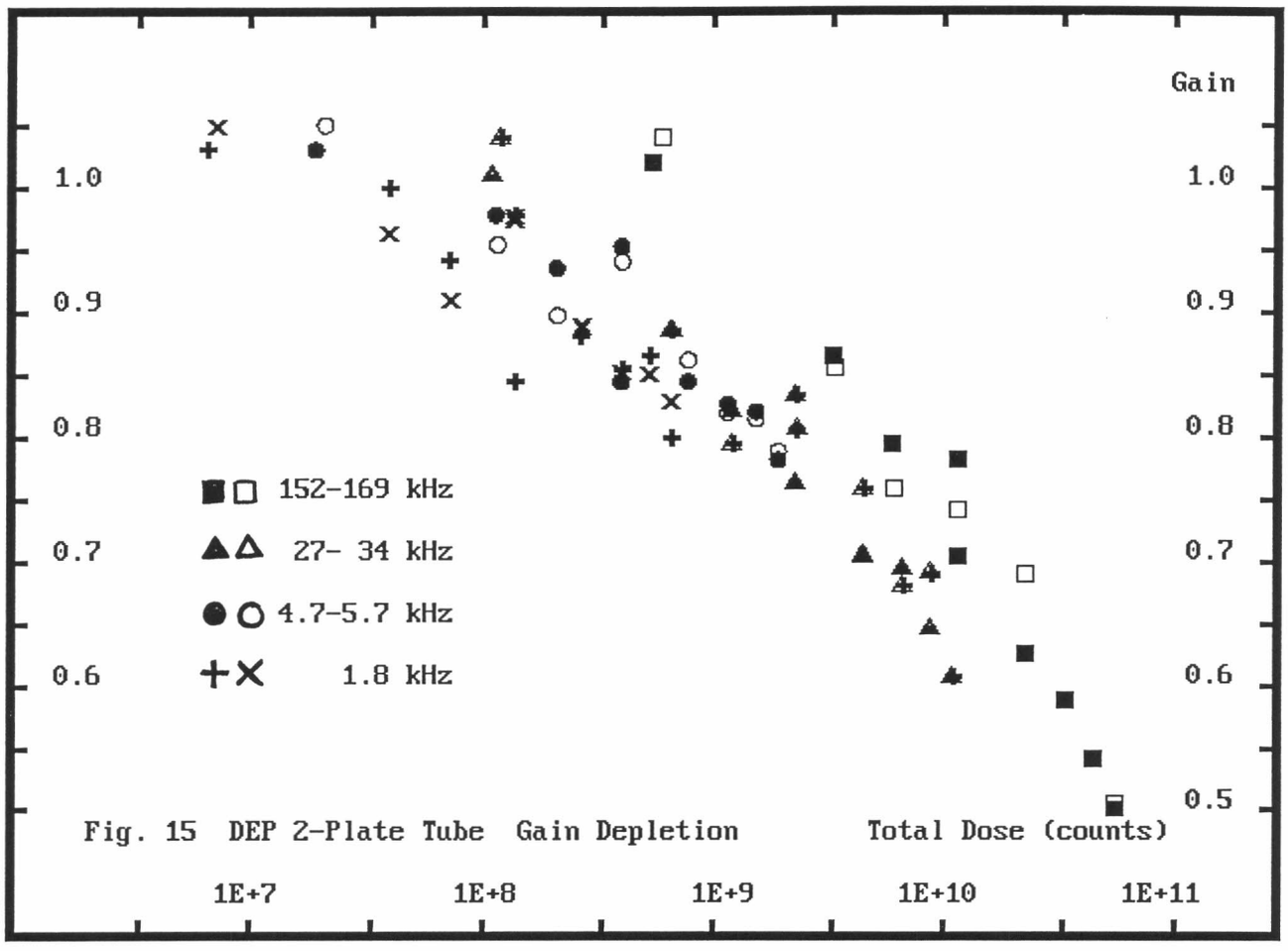

Fig. 15 DEP 2-Plate Tube Gain Depletion

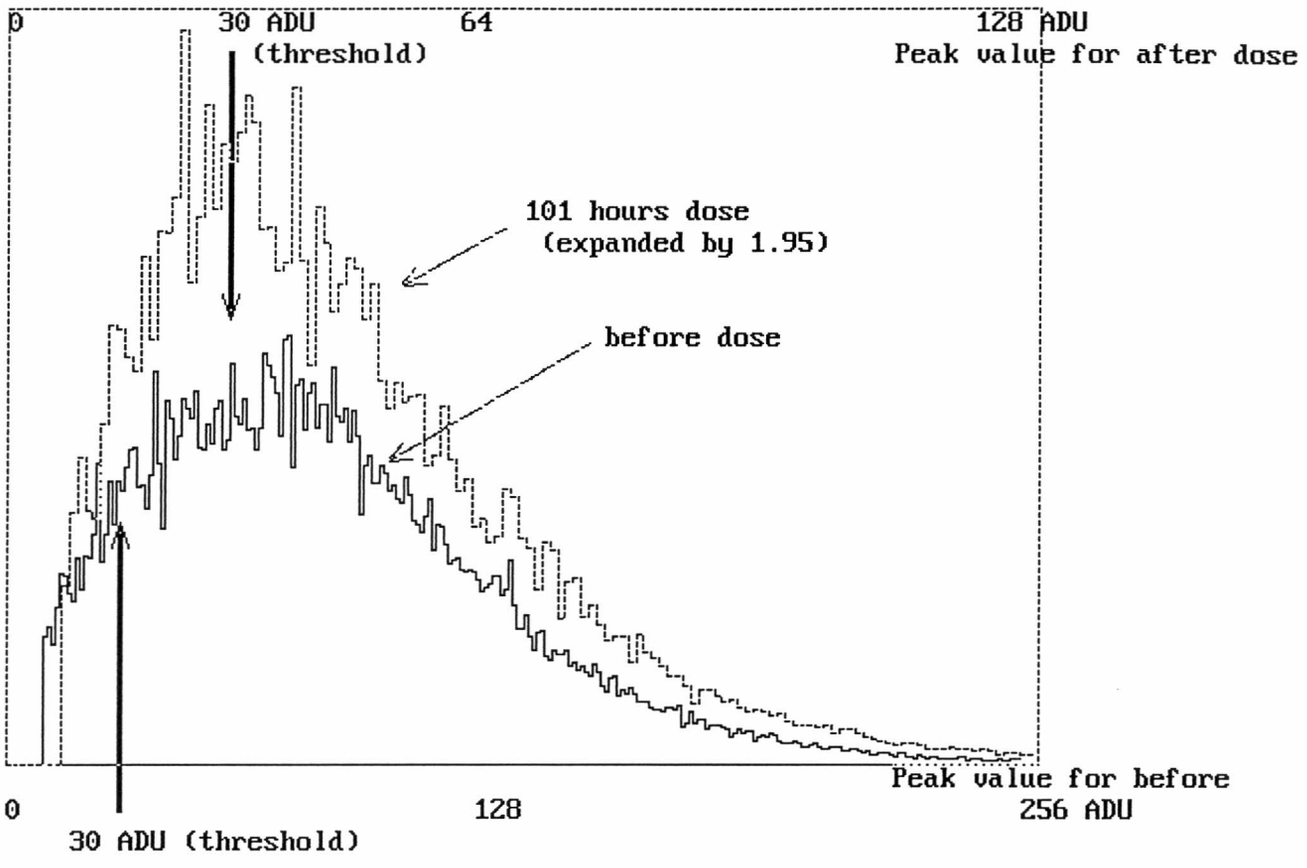

Fig. 16a PHDs from 160,000 c/s illumination area
PHD after photon dose is expanded by x1.95

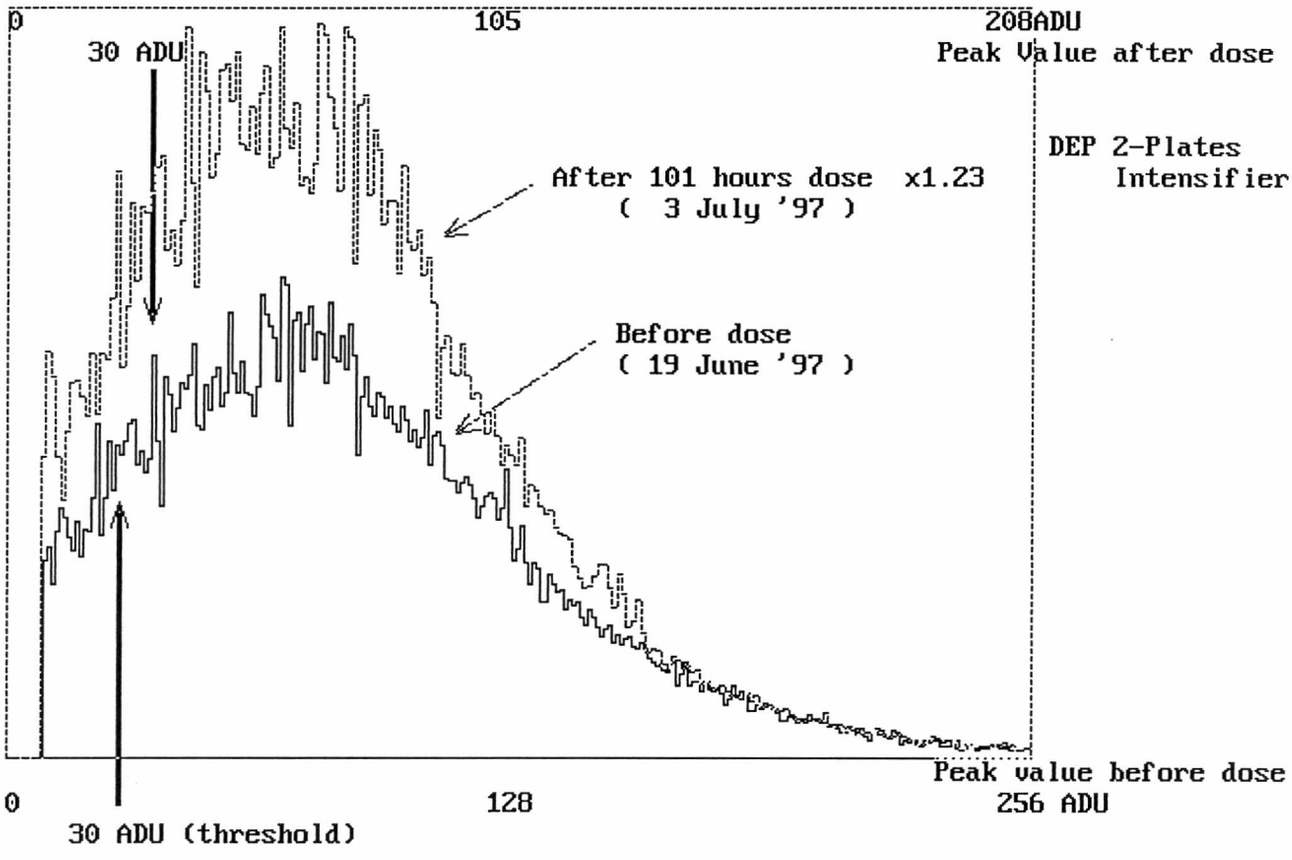

Fig. 16b PHDs from 5,000 c/s illumination area
PHD after the dose is expanded by x1.23

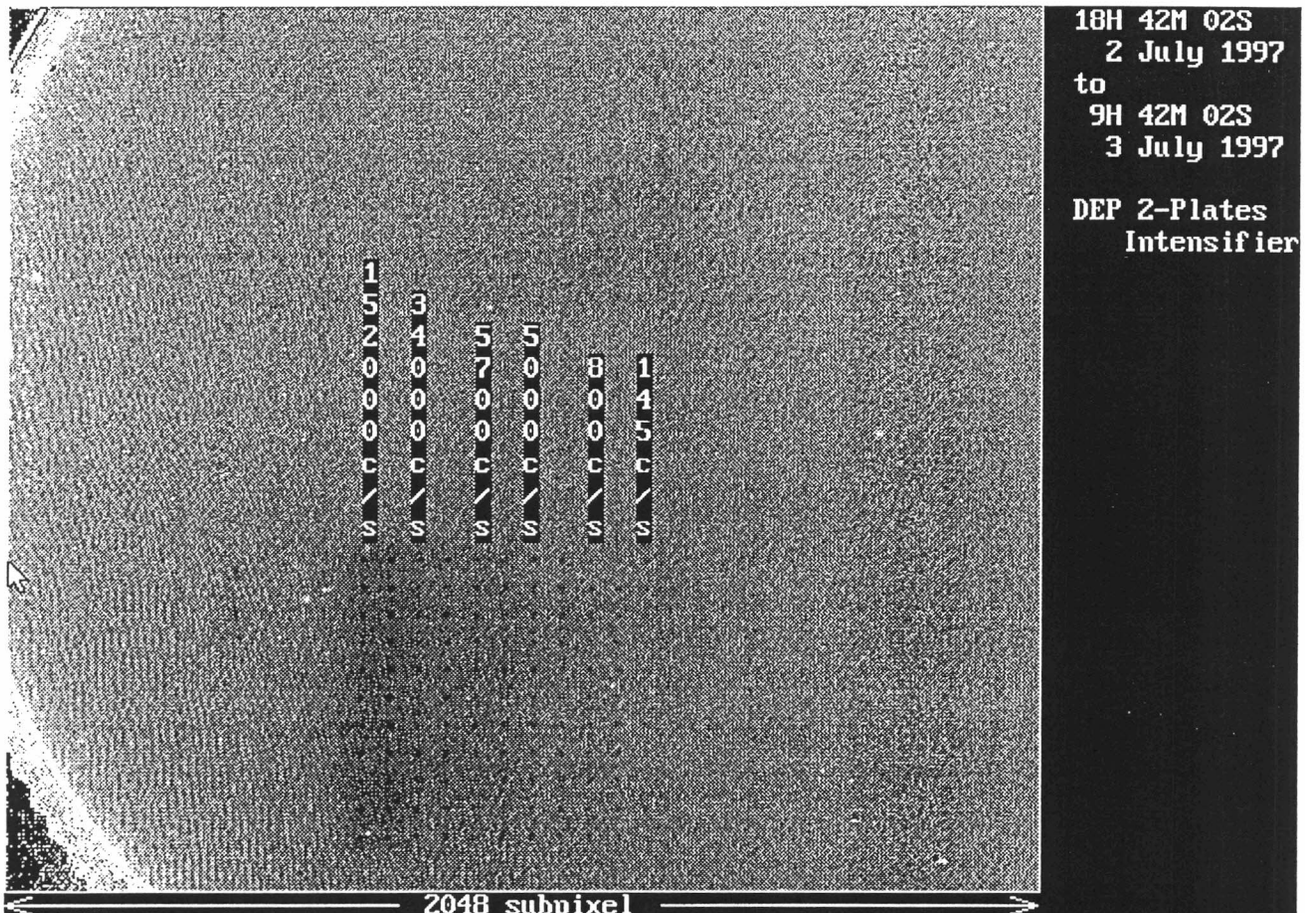

Fig. 17 F-F in photon counting mode after 101 hours dose Flat fileded

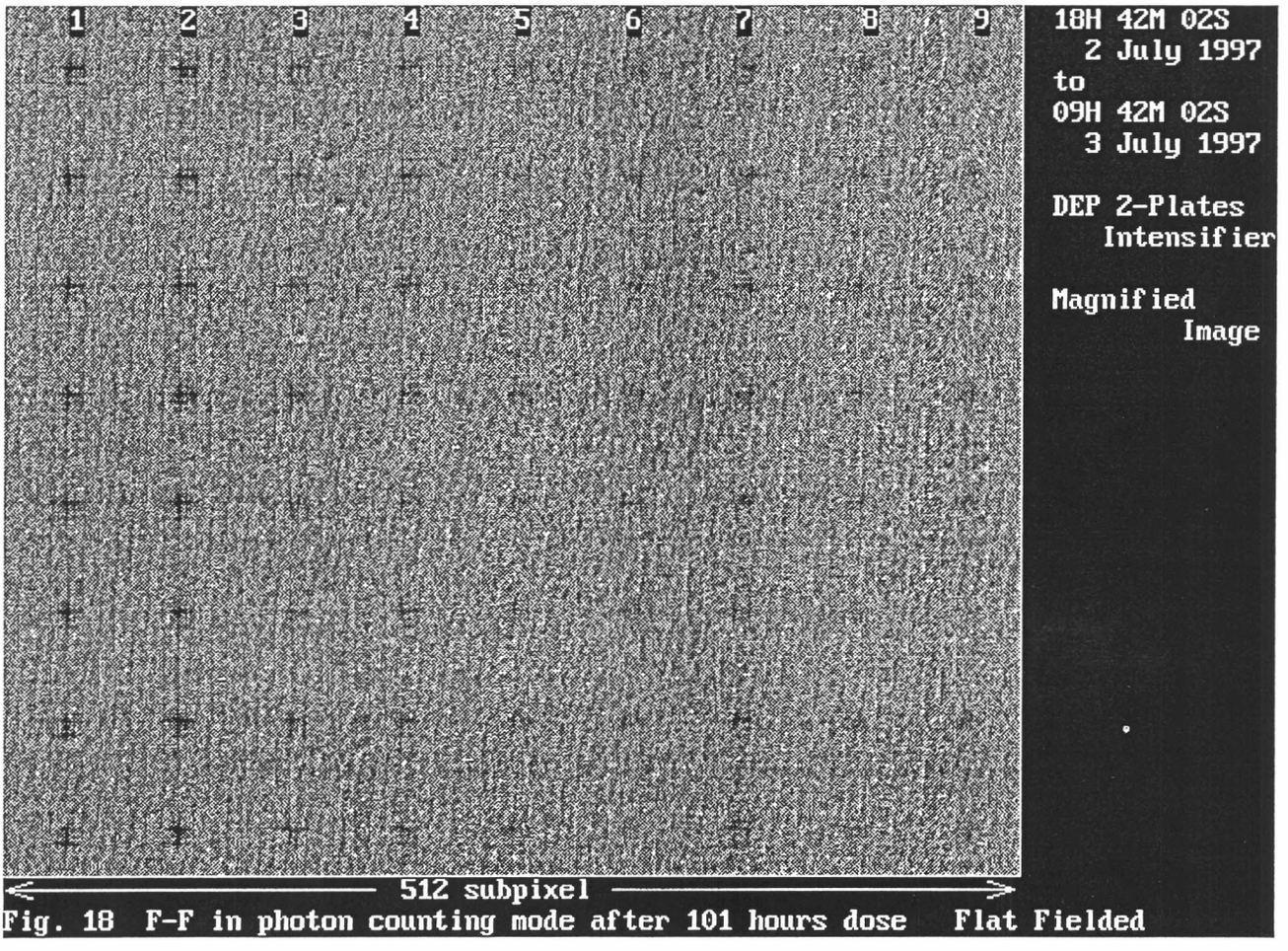

Fig. 18 F-F in photon counting mode after 101 hours dose Flat Fielded

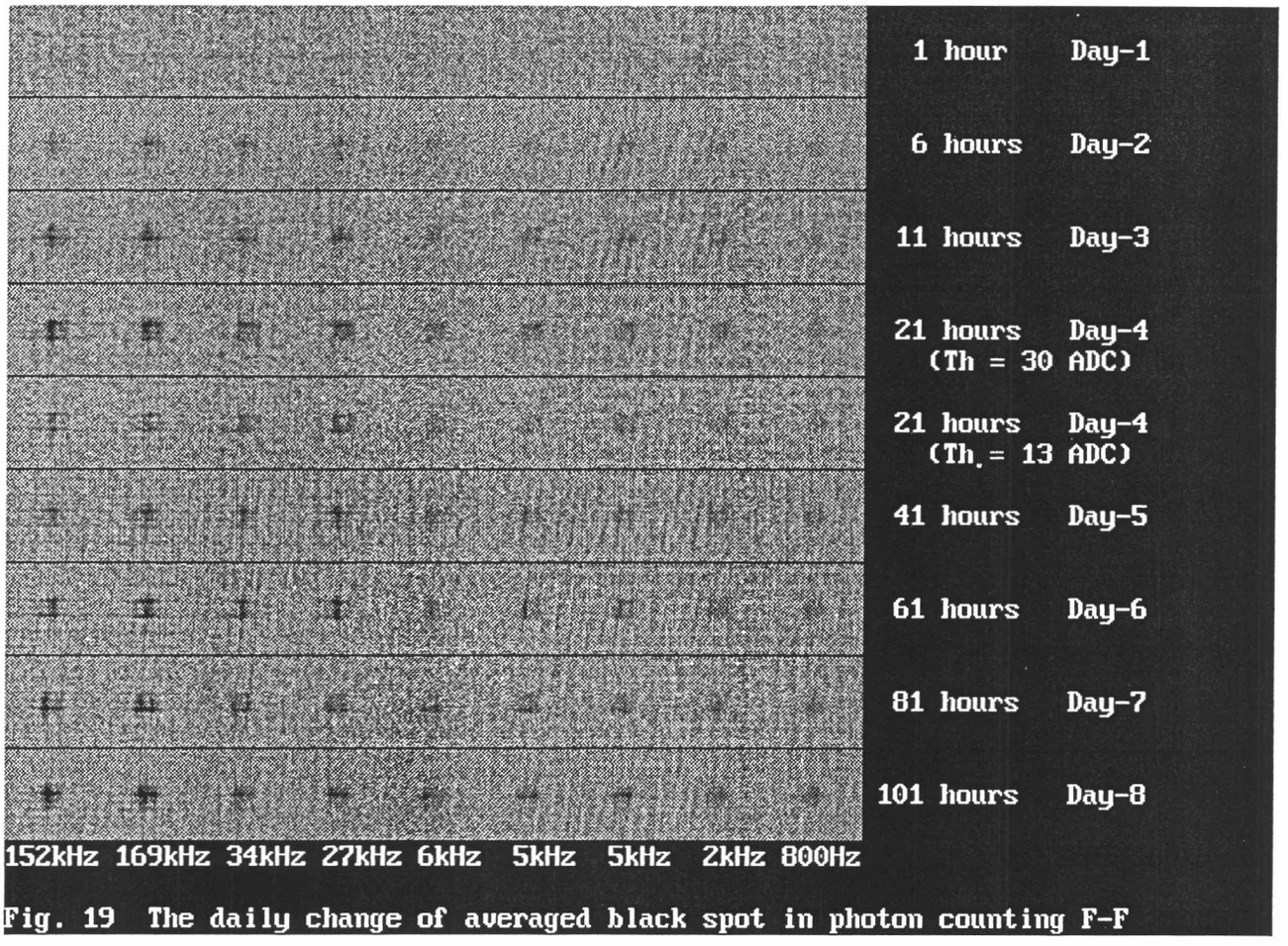

Fig. 19 The daily change of averaged black spot in photon counting F-F

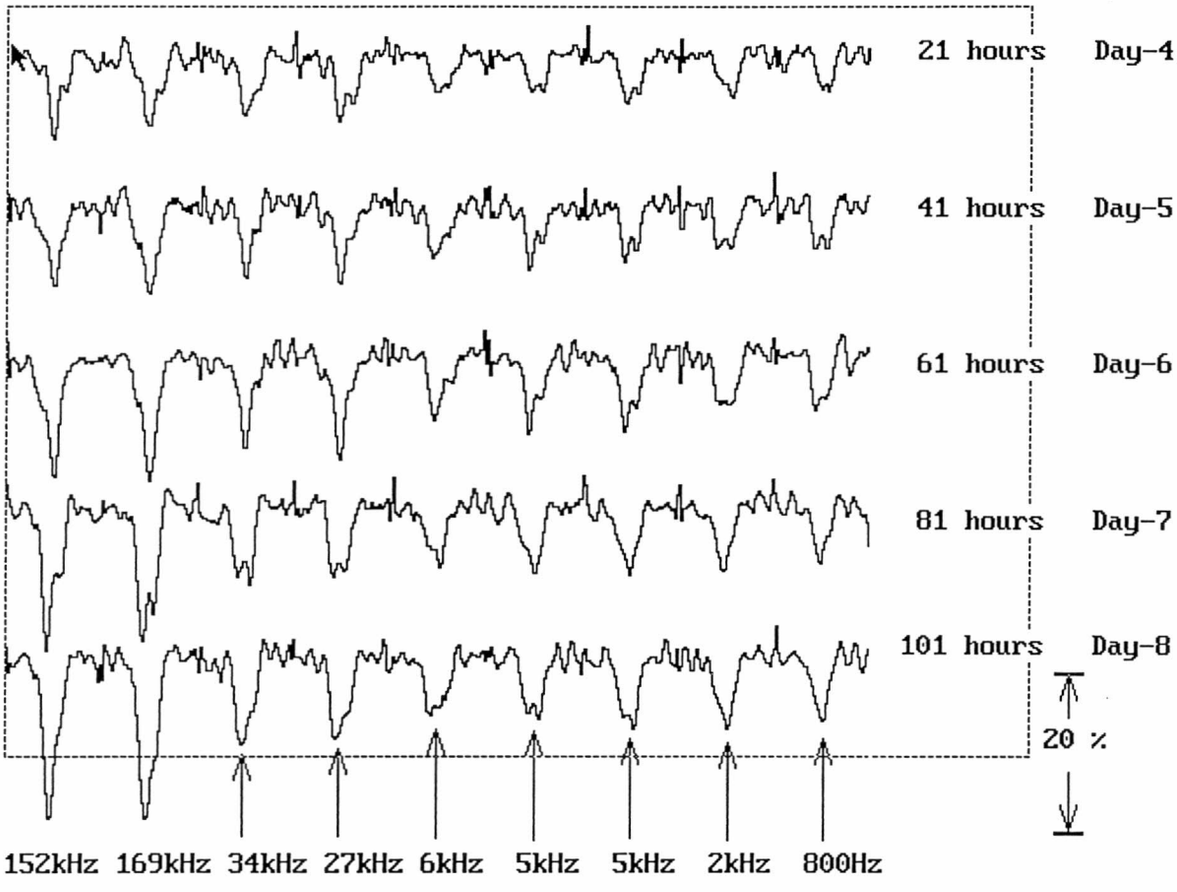

Fig. 20 DEP 2-Plate Intensifier Growth of sensitivity loss in F-F

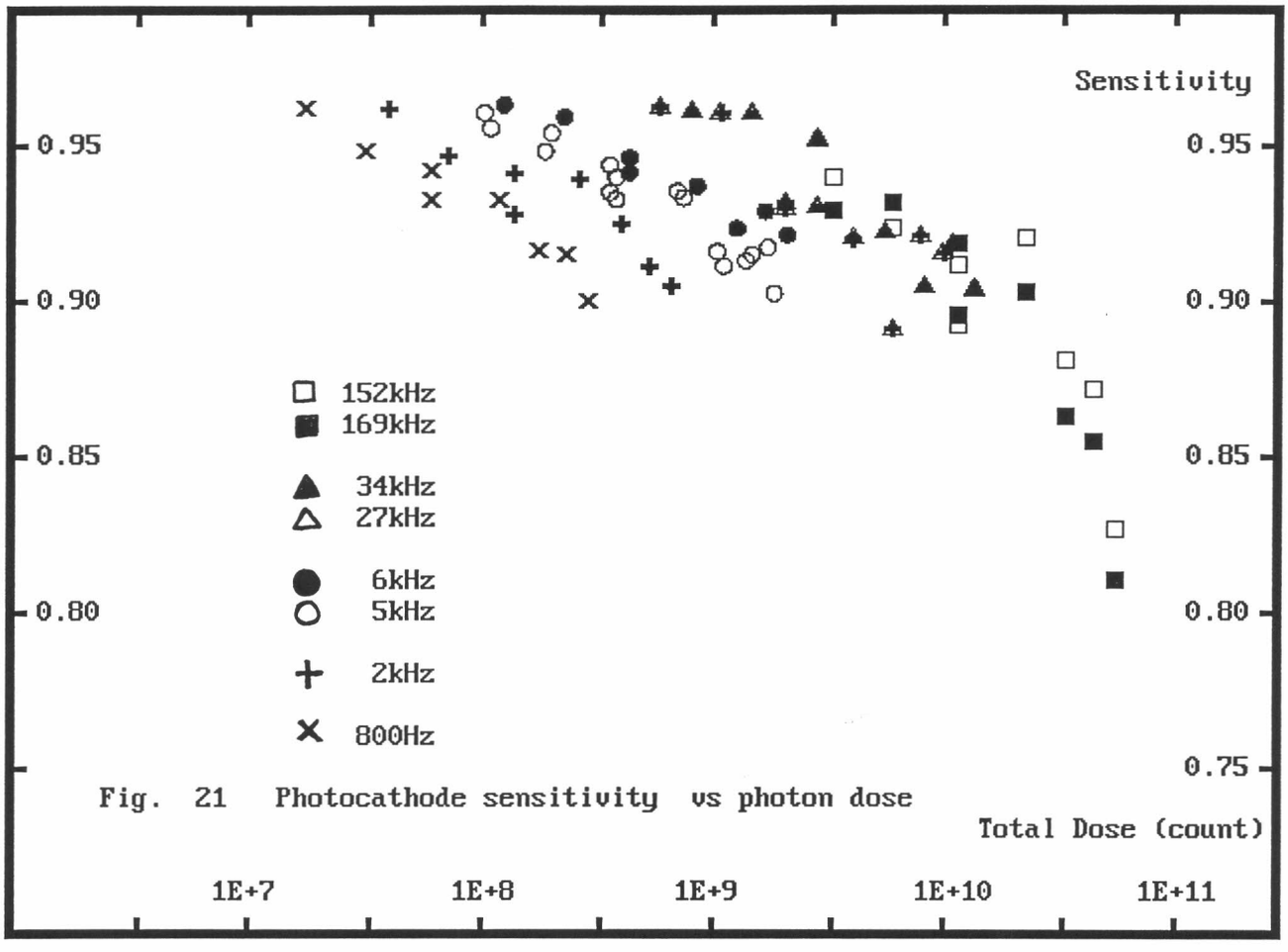

Fig. 21 Photocathode sensitivity vs photon dose

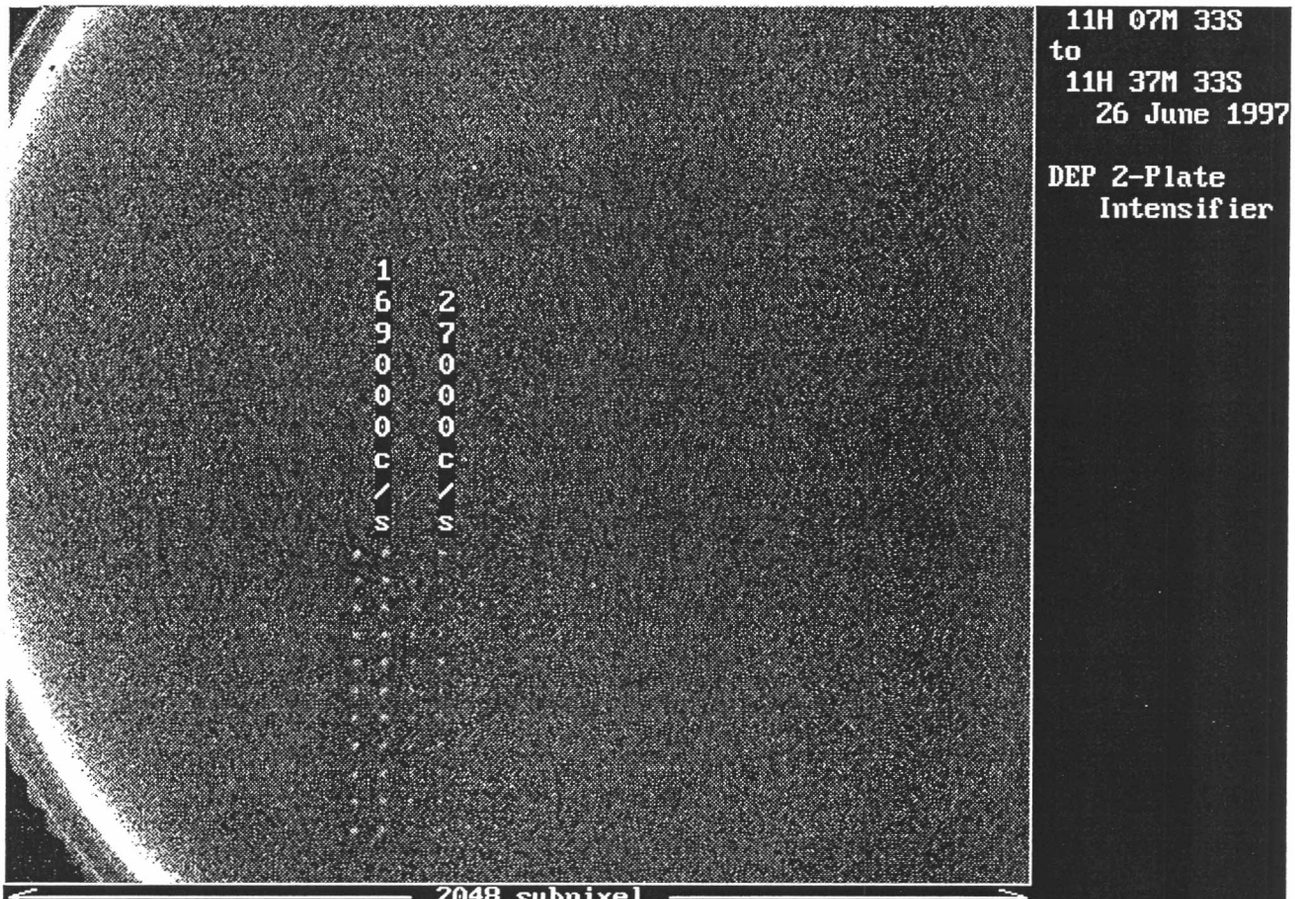

Fig. 22 Fluorescence 7 min after high illumination

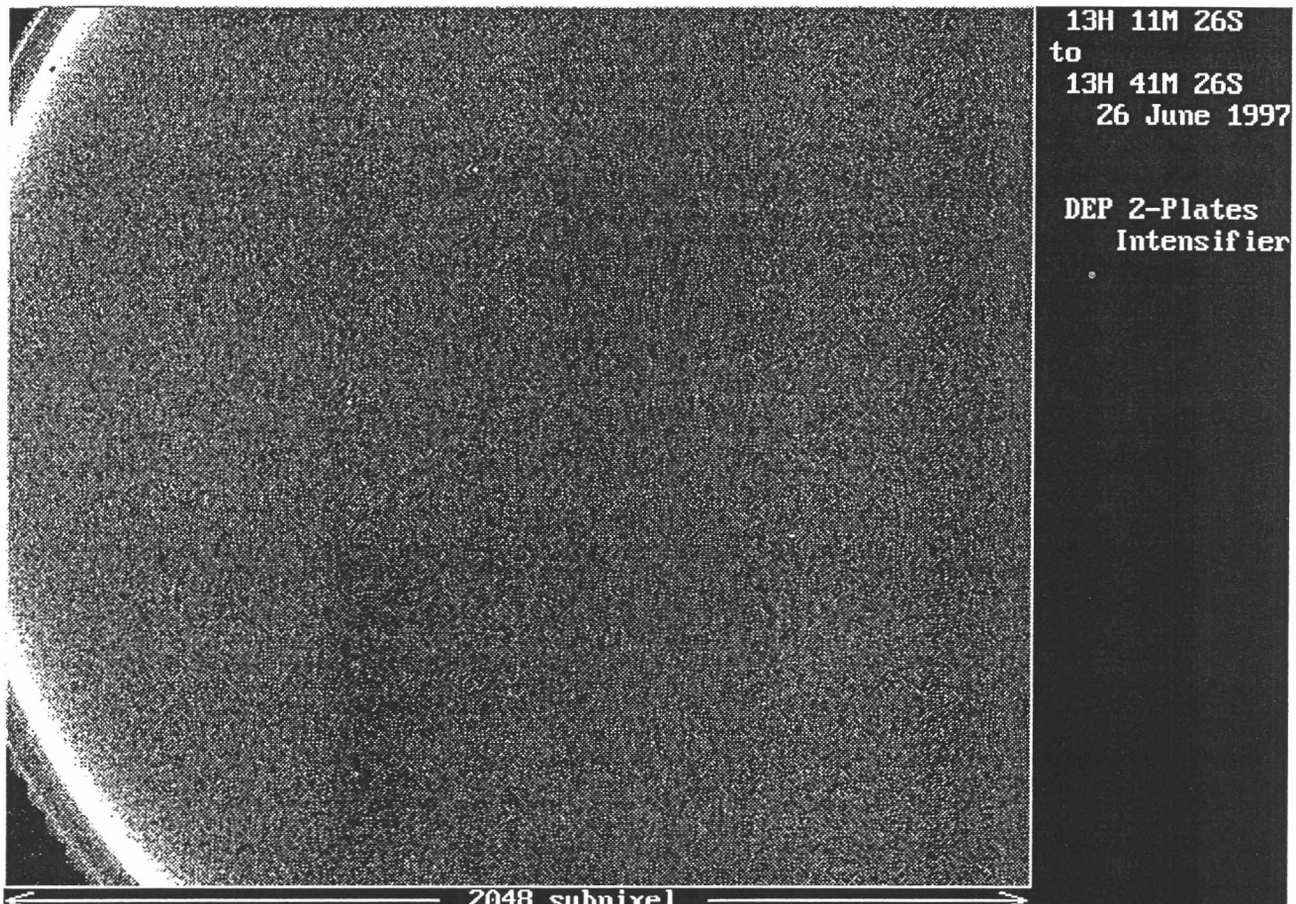

Fig. 23 Fluorescence 131 min after high illumination exp=30min

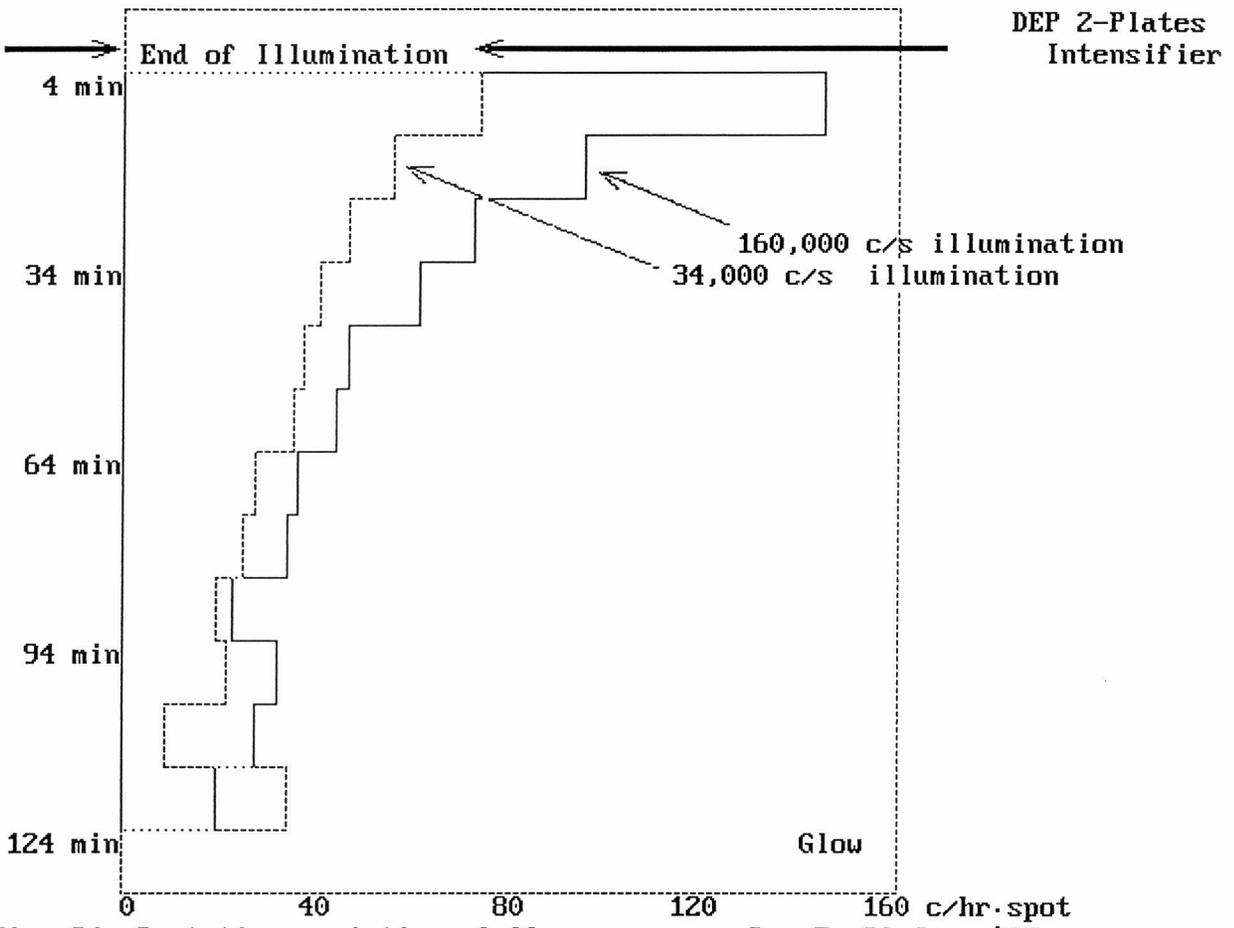

Fig. 24 Sort time variation of fluorescence Day-7 30 June '97

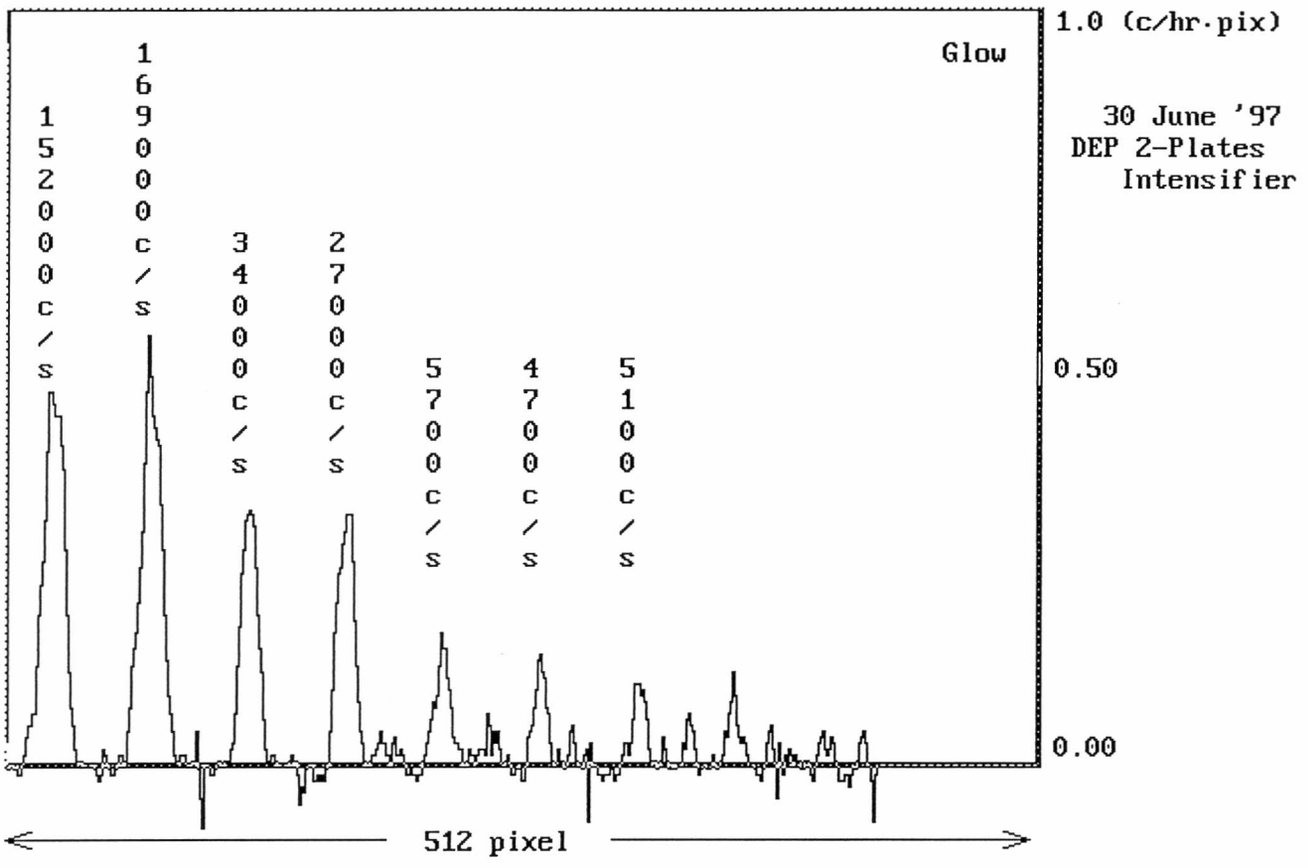

Fig. 25 Fluorescence profiles summed up along 10 frames and 9 columns