

BALLOON OBSERVATIONS OF HARD X-RAYS FROM SOME
GALACTIC X-RAY SOURCES

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ABSTRACT

An X-ray telescope consisting of 400 cm² phoswich detectors (NaI(Tl)/CsI(Na)) was flown from Hyderabad (India) on 18 December 1984. The field of view was 5° x 5° FWHM. In a 10 hour float at 4 MB several galactic X-ray sources were tracked by the telescope using an on-board microprocessor. Fluxes and spectra in 18-120 keV X-rays for SCO X-1, GX 1+4, GX 5-1, GX 17+2, SCT X-1, CYC X-1 and CYG X-3 will be presented.