

BALLOON OBSERVATIONS OF HARD X-RAYS FROM NGC 4151
AND AN X-RAY TRANSIENT SOURCE

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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 31 October 1980; the field of view was 11° x 11° FWHM. During a five hour observation at 5 millibars two X-ray sources were seen (1) the variable Seyfert Galaxy NGC 4151 and (2) a transient of approximately 8 minutes duration in the vicinity of the variable source 4U1444 43 which may be associated with the galaxy NGC 5608. X-ray fluxes and spectra in 18-120 keV X-rays will be presented.