

**S06b Temporal and spectral study of two bright Seyfert-I galaxies
MKN 841 and MKN 205 with ASCA**

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We present here the results obtained from the ASCA observations of two Seyfert-I galaxies MKN 841 and MKN 205 made on 1997, August 1 and December 14 respectively. The 0.4-10 keV intensity of MKN 205 remained stable within a few percent of the average intensity during the observation spanning 20 hours. The overall X-ray intensity of MKN 841, however, decreased by about 25% in 30 hours. Superposed on the linear trend of intensity decay in MKN 841, we found a nearly periodic intensity variation of about 10% with a period of 10-11 hours. Intensity variations of similar pattern with time scale of 10-15 hours is noticed in the archival data of two ASCA observations of the same source though with less significance. Importance of the observed temporal characteristics will be discussed. In addition to the power-law type component with photon index about 2.0, the energy spectrum of MKN 841 shows features like absorption in the low energy band (< 2 keV), and Compton reflection in the high energy band (> 7 keV). The soft excess and iron line features are not very evident in these two AGNs. Detailed spectral analysis by combining the data from both the detectors is being carried out and will be presented.