Preliminary Reults from a Chandra HETG Observation of NGC 3516

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Abstract

ASCA data showed NGC 3516 to have a broad and redshifted Fe Kα line with an absorption feature at 5.8 keV. We took an HETG observation to confirm the presence of the 5.8 keV feature. The absorption feature is important as it could imply a high velocity infall of some material, this is rarely observed in AGN. The HETG data will also be used to make a detailed study of the ionized gas around the nucleus of this AGN.

CATEGORY: ACTIVE GALAXIES AND QUASARS