Rapid variability in the Seyfert Galaxy NGC 5548 using Chandra LETG

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Abstract

We observed the Seyfert Galaxy NGC 5548 with Chnadra using LETG/HRC. The total effective exposure is 86400 s. We use the zeroth-order light curve to study the time variability of this galaxy on different time scales. We discuss our findings in relation to the spectral properties of the source.

CATEGORY: ACTIVE GALAXIES AND QUASARS