Chandra Multi-wavelength Project (ChaMP). I. First X-ray Source Catalog

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Abstract

The Chandra Multi-wavelength Project (ChaMP) is a wide-area (~14 deg^2) survey of serendipitous Chandra X-ray sources, aiming to establish fair statistical samples covering a wide range of characteristics (such as absorbed AGNs, high z clusters of galaxies) at flux levels ($f_X \sim 10^{-15} - 10^{-14}$ erg sec^{-1} cm^{-2}) intermediate between the Chandra Deep surveys and previous missions. We present the first ChaMP catalog, which consists of 991 near on-axis, bright X-ray sources obtained from the initial sample of 62 observations. The data have been uniformly reduced and analyzed with techniques specifically developed for the ChaMP and then validated by visual examination. To assess source reliability and positional uncertainty, we perform a series of simulations and also use Chandra data to complement the simulation study. The false source detection rate is found to be as good as or better than expected for a given limiting threshold. On the other hand, the chance of missing a real source is rather complex, depending on the source counts, off-axis distance (or PSF), and background rate. The positional error (95% confidence level) is usually < 1″ for a bright source, regardless of its off-axis distance while it can be as large as 4″ for a weak source (~20 counts) at a large off-axis distance ($D_{off\text{-}axis}$ > 8′). We have also developed new methods to find spatially extended or temporary variable sources and those sources are listed in the catalog.

1. Introduction

The launch of the Chandra X-ray Observatory has opened a new era in X-ray astronomy. With its unprecedented, sub-arcsec spatial resolution (van Speybroeck 1997), in conjunction with its high sensitivity and low background, Chandra is providing new views of the X-ray sky 10-100 times deeper than previously possible (Weisskopf et al. 2000). Indeed, the cosmic X-ray background, whose populations have long been debated because the necessary spatial resolution was lacking, is now almost (~80%) resolved into discrete sources in deep Chandra observations, e.g., the CDF-N (Chandra Deep Field-North; Brandt et al. 2001), the CDF-S (Giacconi et al. 2001). Moretti et al. (2003) has recently reported an even higher fraction (~90%). However, the nature of these sources is still somewhat unclear (e.g., Hasinger et al. 1998). An absorbed AGN population is predicted by population synthesis models (e.g. Comastri et al. 1995, Gilli et al. 1999) as the Cosmic X-ray Background is much harder (a photon index of ~1.4) than typical AGNs which have a photon index of ~1.7 (e.g. Marshall et al. 1980, Fabian & Barcons 1992). There is some observational evidence supporting the existence of red, absorbed quasars (e.g., Kim & Elvis 1999; Wilkes et al. 2002; White et al. 2003). However, the hard sources in the deep surveys appear to be a mix of various types of narrow and broad line AGNs and apparently normal galaxies with very few of the expected type 2 AGN seen. The statistical importance of these various source types requires a large sample resulting from a wider area survey such as ChaMP. Additionally, with two highly successful X-ray observatories currently in orbit (Chandra and XMM-Newton), we will soon be able to address fundamental questions such as: whether the density and luminosity of quasars are evolving in time (e.g., Miyaji et al. 2000, Cowie et al. 2003), and how clusters of galaxies form and evolve (e.g., Rosati, et al. 2002a). We will also discover whether rare, but important objects have been missing from previous studies (e.g., blank field sources discussed in Cagnoni et al. 2002).

To take full advantage of the rich dataset available in the Chandra public archive, we have initiated a serendipitous X-ray source survey, the Chandra Multi-wavelength Project (ChaMP). Owing to the high spatial resolution, identification of X-ray sources is far less ambiguous than in previous missions where many counterparts were often found within typical error circles (at least ~10 times larger). Additional information and artificial selection criteria are no longer required, leaving little bias. The ChaMP, although not as deep as the CDF, covers a wide area (~ 14 deg^2) and can provide an order of magnitude more sources at intermediate flux levels ($F_x \sim 10^{-14} - 10^{-15}$ erg sec^{-1} cm^{-2}) than either the Chandra deep surveys or the previous missions (see Figure 1 and section 2). An additional advantage of a wide area survey is the ability to investigate field-to-field variations of the number density of cosmic (background) sources, which may trace filaments and voids in the underlying large-scale structure, or if not detected, constrain the hierarchical structure formation.

In this paper (paper I), we describe our data reduction and analysis methods uniquely developed for this project and present the first catalog obtained with an initial sample of 62 Chandra observations. In paper II (Kim et al. 2003), we present the results of X-ray source properties by producing the Log(N)-Log(S) relation and X-ray colors, and by comparing with data at other wavelengths. In an accompanying paper (Green et al. 2003), we present the first results of deep optical follow-up observations.

This paper is organized as follows. In section 2, we describe how Chandra observations were selected for the ChaMP study. We present in detail the data reduction and analysis techniques in

section 3. We have complemented our analysis with an extensive set of simulations in order to quantitatively assess the detection probability (section 4) and positional accuracy (section 5), which are both critical to firmly establish statistical properties of X-ray sources. In section 6, we present the first ChaMP X-ray source catalog and describe its contents.

2. ChaMP Field Selection

We have carefully selected Chandra fields which are best-suited for ChaMP science. Our selection criteria are often distinct from the purpose for which the observations were originally intended. An ideal field is one for which the PI is interested in a small object in the center of the field, providing the largest sky area available for a sensitive survey. The ChaMP would then assemble sources from the large unstudied area outside the main target to be processed and analyzed uniformly. Optical images and spectra are then added to create a wide field multi-wavelength survey. A number of criteria were used in constructing the survey area:

- Only fields more than 20° from the Galactic plane were selected in order to keep the Galactic extinction low. The latitude limit corresponds to $N(H) < 6 \times 10^{20}$ cm^{-2}, or $E(B-V) < 0.1$ mag.
- Only ACIS imaging (i.e., no grating) fields were used; HRC images were omitted. Fields with instrumental complications (eg., a bias map missing in telemetry or corrupted, energy filtering, or spatial windows) were omitted, as were fields using sub-arrays or continuous clocking.
- Fields dominated by large extended sources (covering more than 10% of field of view) in either the optical or X-ray were omitted because these would mask faint sources. The extended source area is determined by the contour where the signal falls to 2 times the background (in case of ROSAT images) or to 10-sigma above the background (in case of POSS). RASS data were used where ROSAT pointed images were not available. Supernova remnants were automatically omitted. Additionally, to insure that the field of view would not be heavily contaminated by galaxies belonging to a cluster, we also exclude fields containing clusters with $z < 0.3$ (1 Mpc at $z=0.3$ corresponds to 3 arcmin.)
- Planetary observations were omitted.
- Observations closer than 10.8° from the center of the LMC, 5.3° from the SMC, and 3.2° from M31 were omitted.
- Fields intended by the PI for surveys were omitted. These include ELAIS:N1.1 and ELAIS N1.2, the Chandra Deep Field North and South, Lockman hole and MBM12.

Based on these selection criteria, 137 fields were selected among Chandra AO1 and AO2 observing periods. Of these, 62 ACIS observations, which are available to us either through the public archive or by PI's pre-approval, have been processed and presented in this paper. They consist of 21 ACIS-I and 41 ACIS-S observations based on whether the aim point falls on I3 (or CCDID=3) or S3 (or CCDID=7), respectively (see Figure 6.1 in Chandra Proposer's Observatory Guide, POG). In Table 1, we list the basic observational parameters of the selected Chandra observations including observation dates, the aim points (ra, dec), CCD chips used and effective exposure times. The effective exposure time was estimated after removing background flares within the main chip where the aim point lies (see Section 3.1).

We estimate the number of sources likely to be detected in the full ChaMP by assuming the combined 0.5-2~keV Log(N)-Log(S) from the CDF-South 1Msec ACIS-I and ROSAT/PSPC Lockman Hole 207ksec results (Rosati et al. 2002b and Hasinger et al. 1998, respectively) and applying this to each Chandra image in our full survey (see Green et al. 2002). We simulate the number of sources that would be detected in a given Chandra image by randomly populating the CCDs with sources derived from the Log(N)-Log(S), assuming an average spectral slope Γ_{ph}= 1.4. When the full ChaMP sample is complete, we thereby predict ~6000 X-ray detections. The number of predicted detections as a function of soft X-ray flux is shown in Figure 1 for the full ChaMP sample, the deep ROSAT sample (Lockman Hole; Hasinger et al. 1998)) and the combined CDFs (2 Msec North and 1 Msec South). Also shown in Figure 1 is the estimated sky area sensitive to a given flux limit. It is clear that the full ChaMP provides unprecedented coverage in the intermediate flux regime.

3. X-ray data analysis

3.1. Data Correction and Data Screening

We have developed a ChaMP-specific pipeline (called XPIPE) to uniformly reduce the Chandra data and to generate homogeneous data products. XPIPE was built mainly with CIAO (v2.3) tools (http://cxc.harvard.edu/ciao). An example of XPIPE products is seen in Figure 2. Level 2 data products generated by the Chandra X-ray Center (CXC) standard data processing are taken as an input and further processed by XPIPE for additional data correction and data screening. As CXC has reprocessed old data observed early in the mission with more reliable software and calibration data (http://cxc.harvard.edu/udocs/reprocessing.htm), we use Rev. 2 (or higher) data products whenever available. Standard data screening applied in the CXC pipeline processing excludes events with ASCA grade = 1, 5 and 7 (which are mostly cosmic ray events) and events with status bits set to non-zero. Screening by the status bit excludes bad pixels and columns among many other instrumental effects. A full description of ACIS status bit can be found in http://cxc.harvard.edu. In some cases, however, bad pixels and columns that are not listed in the calibration database (hence not excluded in CXC processing) are still visible, particularly in the data taken at an ACIS temperature of –110°C or –100°C (observed earlier than Jan. 2000; marked in Table 1) and in the S4 chip (CCDID=8). An example of bad columns is shown in Figure 3-a where a series of false sources along a CCD column is clearly seen near the bottom of the figure. We checked each image by plotting in chip coordinates for which the bad column is not blurred by the dither (see Section 3.5). In some observations, a finite number of bias values are corrupted and they are slightly lower for a given node in a given CCD. Since they are repeatedly subtracted in each exposure frame, the pixels with corrupted bias values appear to be hot pixels de-dithered with an aspect Lissajous pattern. In this case, several sources are spuriously detected at the corners of the Lissajous pattern of a single bad pixel (see Figure 3-b). They are identified by eye and those false sources are flagged in the ChaMP database (see Section 3.5). Some CXC data have been processed with outdated calibration data, such as the ACIS gain file used to produce PI/energy columns and the alignment file used to determine absolute positions. We re-apply new, updated calibration files whenever necessary.

Cosmic rays or charged particles sometimes leave residual charges in CCD pixels and they are repeatedly identified as a valid event in the same CCD pixels. This effect, known as afterglow, was first noticed by discovering very sharp point-like sources at large off-axis angles. To correct this, CXC has added a new tool to the pipeline processing (August 2000 in CXCDS release R4CU5UPD8). The CXC and the ACIS Instrument team (http://www.astro.psu.edu/xray/acis) note a side effect of this correction – the algorithm may remove real events up to a few percent, particularly for a bright source. Since this side effect mostly affects very bright sources, it will not alter results of source detection. In the ChaMP, we apply this correction so that any false source should be excluded. As the investigation of the effect of afterglow continues, if it is necessary to counter-correct events from bright sources, we will do so.

It is also known that the charge cascades (also called 'blooms') caused by interacting with cosmic rays effectively reduce the detector efficiency by as much as a few % (see http:// asc.harvard.edu/ ciao/ caveats). As the effects of the blooms and the workaround are being investigated, we will correct this effect, if necessary, when it is better understood.

The S4 chip (or CCDID=8) is known to suffer from an instrumental effect called streaking. This may be corrected by applying a de-streaking tool provided by John Houck (also available in the CIAO package). Figure 4 illustrates the pronounced difference before and after the de-streaking correction. While the correction works in most cases, during our visual inspection (Section 3.5), we recognized that streaking is not fully corrected in every case and that bad columns perhaps mixed with the streaking problem appear in a few observations. Therefore, we do not use the sources detected in the S4 chip for further analyses in this paper.

The ACIS background is known to vary significantly (http://cxc.harvard.edu/cal/Acis/Cal_prods/ bkgrnd/current/index.html). The count rate can increase by a factor of up to 100 within a single observation. Background flares are more prominent in back-illuminated chips (S3 and S1) than front-illuminated chips. Typical examples of background light curves for a BI and an FI chip are shown in Figure 5. The origin of background flares is not known (e.g. Grant et al. 2001); low energy (< 100 keV) protons may be responsible (Struder et al. 2001). Because the source detection probability strongly depends on the background rate (section 4), we do not use the data obtained during background flares. After making a background light curve, we exclude those time intervals beyond 3-sigma fluctuation above the mean background count rate. The mean rate is determined iteratively after excluding the high background intervals. Given different characteristics between BI and FI chips, it is applied per ACIS CCD. The GTI (Good Time Interval) extension table is then updated accordingly so that the same CIAO tools can be applied with and without data screening by the background rate. Figure 6 shows a histogram of effective exposure times for BI and FI chips after data screening by the high background rate for the 62 observations reported here. While the loss is minimal for FI chips, it can be as large as 50% for BI chips. Among the 62 observations, the average effective exposure time was reduced by 18% in BI and 5% in FI chips.

3.2. Source Detection - **wavdetect**

To detect X-ray sources, we apply a wavelet detection algorithm, called **wavdetect**, available in the CIAO software package (Freeman et al. 2002). Because **wavdetect** is more reliable in finding individual sources in crowded fields and in identifying extended sources than the traditional

celldetect algorithm, we have selected **wavdetect** as the main detection tool in the ChaMP. We run **wavdetect** repeatedly in three energy bands (B, S and H – see table 2) to quantify detections and upper limits in each sub energy band. After performing various tests to find the most efficient parameters used with **wavdetect**, we select a significance threshold parameter of 10^{-6} which corresponds to 1 possibly spurious pixel in one CCD (see section 4.1 for more discussion of this type I error) and a scale parameter of 7 steps between 1 and 64 pixels (1 pixel = 0.492 arcsec) to cover a wide range of source sizes, accommodating extended sources and the variation of the PSF as a function of off-axis distance ($D_{off\text{-}axis}$). For the remaining parameters, we used the default values given in CIAO (see section 4 for more discussion on **wavdetect** performance.) To avoid finding spurious sources, most often located at the edge of the field of view, we used an exposure map generated for each CCD at an energy of 1.5 keV with an appropriate aspect histogram (see http://cxc.harvard.edu/ciao/threads/ expmap_acis_single) and required a minimum of 10% of the on-axis exposure.

As shown in Figure 2, **wavdetect** performs well in identifying both point sources and extended sources (e.g., an extended source toward the lower-left corner of this figure). It also works nicely in finding multiple sources overlapping within their source radii (e.g., source no. 30 and 33, 32 and 42, in Figure 2 – see section 3.3 on their photometry). One known exception (not specific to **wavdetect**) is a problem due to the PSF shape, which is not circularly symmetric. On a rare occasion, a pair of spurious sources may be detected at the location of a single source when the source is far enough off-axis and bright enough to manifest the PSF shape. Figure 7 illustrates this effect – an observed image (the left panel) of a double-peaked source with ~2000 counts at an off-axis distance of 6′ is compared with a single PSF image generated (the right panel) at the source location. In this case, 2 sources are detected by **wavdetect**, 1.6″ apart. Also plotted in Figure 7 is a Richardson-Lucy de-convolved image (the bottom-left panel) confirming that this is really a single source. To identify this PSF effect, we have inspected source pairs with small separation. We have found 3 pairs of sources affected. The correct positions were re-determined by the PSF de-convolution and the extra sources were flagged (flag=015 in Table 3) in the database to exclude false sources in any further analysis.

wavdetect also provides source information such as a source count rate and size, but they may not be reliable, particularly when there is a nearby (extended) source. We rely on **wavdetect** results only for positions of detected sources (see section 5 for more discussions about the positional error) and determine source properties independently as described in section 3.3.

3.3. Determination of Source Properties

Source counts were extracted within a circle centered on the **wavdetect**-determined source position and background counts are extracted locally in an annulus surrounding the source. We choose the source extraction radius to be a 95% encircled energy radius (at 1.5 keV) as a function of off-axis angle (determined from the psfsize table, psfsize_2000830.fits, available in the CIAO and CALDB public distribution) with a minimum of 3 arcsec near the aim point and a maximum of 40 arcsec at the far edge of the field of view. Similarly, the background was estimated for each source in an annulus from 2 to 5 times source radius. When nearby sources exist within the background region, they are excluded before measuring the background count. Net count rates are then calculated with

the effective exposure (including vignetting) for both the source and background regions. Errors are derived following Gehrels (1986).

When the source extraction regions of nearby sources overlap, their source count rates will be overestimated. Note that they are flagged in the database (see Table 3). To correct this, we have applied two independent methods. The first method calculates the source counts from a pie-sector, which excludes a nearby source region, and then rescales it based on the area ratio of the chosen pie to the full disk. Once the correction factor is determined, the same factor can be applied to correct counts in all energy bands. The 2nd method is to fit a 2-D image with two (or more) PSFs generated at the source position. The advantage of the 2nd method is to use all the photons to maintain the highest statistics. Its disadvantages, however, are (1) the 2-D fitting is less reliable when sources are faint, and (2) the whole task (generating a PSF and fitting) must be done in each energy band. The source counts corrected by the 1st method are used in this paper.

Table 2. Energy bands and Definition of X-ray Colors

Energy band selection:

Broad (B):	0.3 - 8.0 keV
Hard (H):	2.5 - 8.0 keV
Soft (S):	0.3 - 2.5 keV
Soft1 (S_1):	0.3 - 0.9 keV
Soft2 (S_2):	0.9 - 2.5 keV

Hardness Ratio and X-ray Colors

$HR = (H-S) / (H+S)$

$C21 = -\log(S_2) + \log(S_1) = \log (S_1/S_2)$

$C32 = -\log(H) + \log(S_2) = \log (S_2/H)$

Additional energy bands:

Conventional Soft (S_C)	0.5-2.0 keV
Conventional Hard (H_C)	2.0-8.0 keV

The energy range used in this study is between 0.3 and 8 keV. The upper limit was selected to reduce background events while still including hard X-rays which could lead to interesting sources (such as heavily absorbed AGN), because background particles dominate and the HRMA (High Resolution Mirror Assembly) effective area steeply decreases at energies higher than 8 keV (van Speybroeck et al. 1997). We have divided the counts into 3 energy bands (see Table 2) in order to construct 2 X-ray colors. The energy boundaries were selected (1) to optimize photon statistics by distributing a comparable number of photons to each band, but the largest number of photons to the middle band (S2) which is used in both X-ray colors, (2) to directly compare with previous ROSAT results (< 2.5 keV), and (3) to confine most soft X-ray lines seen in soft X-ray sources (e.g., stellar sources) to a single band, S_1 (< 0.9 keV). With the 3 energy bands, we define two X-ray colors, following the same convention as in optical colors such that higher numbers are redder/softer. They

are also consistent with X-ray colors defined in earlier studies with the Einstein X-ray data (e.g., Kim et al., 1992). We note that the sense is opposite to a hardness ratio in which higher numbers are harder (e.g., Green et al. 2003). The main advantage of this selection of X-ray colors is to isolate 2 spectral parameters, intrinsic hardness and absorption so that one X-ray color mostly represents absorption and another color a spectral slope (if $N_H \lesssim 10^{22}$ cm^{-2}). We describe the average X-ray colors in our sample in Paper II. Finally, to the ChaMP catalog, we have added two more commonly used energy bands (0.5-2.0 keV) and (2.0-8.0 keV) to provide users with flexibility and allow them to directly compare with other results.

Source fluxes are determined by calculating the energy conversion factor (ECF – actually count rate to flux conversion factor) for each observation (and each chip), because the quantum efficiency (QE) of ACIS CCDs varies with time and the galactic value of N_H varies from one pointing to another. To calculate ECFs, we assume a power-law emission model of $\Gamma_{ph} = 1.7$ and $\Gamma_{ph} = 1.4$ with absorption by galactic N_H determined for each observation (Stark et al. 1992). Those parameters were selected to be consistent with other results (e.g., Hasinger et al. 1993; Brandt et al. 2001) for direct comparison (e.g., $\Gamma_{ph} = 1.7$ for the soft band and $\Gamma_{ph} = 1.4$ for the hard band, as used in Paper II). The QE degradation (see CXC Memo on Jul. 29, 2002; http://cxc.harvard.edu/cal/Acis/ Cal_prods/qeDeg/ index.html) is most significant at energies below 1 keV (or in the S-band). To correct the time-dependent QE degradation per observation, we have used **sherpa** available in CIAO v2.3 (http://cxc.harvard.edu/ciao) in conjunction with **corrarf** available in http:// cxc.harvard.edu /cal/ Acis/ Cal_prods/qeDeg/corrarf.tar.gz). We note that the S-band ECF varies by about 20% (for about 20 months spanning our sample) due to the QE degradation, while the H-band ECF remains almost constant. However, for extremely soft sources (such as super soft sources, e.g., in Di Stefano and Kong 2003), the correction could be even higher.

3.3.1. Source Extent

To identify an extended source and measure the source extent, we have generated radial profiles of individual sources and fitted them with a Gaussian profile and a β-model. Because the X-ray background rapidly increases with increasing energy, we have used S band images for this purpose. We then compared the measured Gaussian σ and core radius with the PSF size at a given off-axis distance. We initially identified extended sources with $\sigma\,('') > 1.5$ x 90% EE radius (the limit was empirically selected after several iterations of trial and error). Then an individual source is re-checked for its extendedness (see section 3.5). This method works for most extended sources. However, it is difficult to determine extent for a faint source falling at a large off-axis distance and to model PSFs appropriate for sources at large off-axis angles by the simple Gaussian function we have applied. We have, therefore, limited our method to 4 CCDs (CCDID = 0-3) in ACIS-I observations and $D_{off\text{-}axis} < 10$ arcmin in ACIS-S observations. Once a source is identified as extended, we then re-calculate its counts and flux, based on its size. Among the sources (3177 sources; see section 6) found in CCDID=0-3 in ACIS-I and CCDID=6-7 in ACIS-S observations, we have identified 21 extended (non-target) sources with Gaussian σ ranging from a few arcsec to 12 arcsec. In the first ChaMP catalog (991 sources; see section 6), we have 4 extended sources (flag=051 in Table 7).

We note that the detection probability of extended sources is more complex than that of point sources (in Section 4) and strongly depends on the background level as well as the source properties such as their flux and size. We will present a full simulation analysis for the extended source selection and completeness in the subsequent paper.

3.3.2. Variability Analysis

An investigation of the variability of sources detected in a survey such as ChaMP is complicated by the large ranges in observed source count rates and in the exposure times of the different ChaMP fields. Traditional methods based on light curve analyses pose difficulties for two main reasons. First, for a given source in the absence of significant background, the signal-to-noise ratio (SNR) in each bin varies as the square root of the bin length. The threshold for detection of variability is, then, always dependent on the bin size adopted for the light curve. Second, the time resolution of variability is limited to the Nyquist sampling of the light curve, and is equivalent to an interval of twice the adopted bin size. A general astrophysical X-ray source population that would be expected to contain AGN, early-type and late-type stars, X-ray binaries and X-ray pulsars, would exhibit timescales of variability ranging from a fraction of a second to days. There is clearly no obvious single binning scheme that could be optimized to encompass such a dynamic range in timescale. Alternative hierarchical binning methods that apply light curves multiple times in order to sample the full range of useful bin sizes are computationally expensive, and are not very sensitive to the type of variability characterized by generally quiescent behavior upon which might sit small, infrequent bursts.

To cope with the general X-ray source case, we have developed a variability test based on the ``Bayesian Blocks" (BB) method of Scargle (1998). One advantageous property of X-ray detectors such as microchannel plates, proportional counters, and fast frame CCD cameras is that individual photon events are measured and timed (in the case of the latter, this is only true if the frame time is significantly smaller than the average time between events). Binning of time-tagged event data is unnecessary for examining time variability because event arrivals are described by the Poisson distribution. Deviations from the expected arrival times can then be exploited to investigate variability. The BB method is based on Bayesian statistics and seeks to determine the most probable segmentation of the observation into time intervals---``Bayesian Blocks"---during which the photon arrival rate has no statistically significant variations. The analysis method itself does not impose a lower limit to the timescale on which variability can be detected: this is instead determined by the timing accuracy of the observing instrument. The BB method has the further advantage that the Bayesian Blocks themselves describe the variability of any source in the most economical way using the minimum possible number of parameters, each parameter being the start and stop times of the block and the event rate during the block. The method is thus well-suited to having results for a large number of sources stored on a computer. Further, for each source divided into n blocks, each block with a mean count rate $C_{\rm i}$ and Poisson uncertainty $\sigma_{\rm i}$, we can also usefully characterize the variability with three parameters: the median block length, the total source ``amplitude", Φ,

$$\Phi = \sum_{i=1}^{n-1} | C_{i+1} - C_i |$$

and the ``significance" of variability, *S*,

$$S = \frac{\sum_{i=1}^{n-1} |C_{i+1} - C_i|}{\sqrt{\sigma_1^2 + 2\sigma_2^2 + ... + 2\sigma_{n-1}^2 + \sigma_n^2}}$$

One complication to the BB method as implemented in ChaMP is that the ACIS CCD camera upon which our survey is based has a typical frame time of 3.2s. Individual event time tags are therefore only accurate to ±1.6s. For faint sources where event arrivals are separated on average by intervals much larger than this, the frame time is irrelevant for source variability, except in the rare case of a repeating signal with a comparable or shorter period. However, for sources in which multiple events might arrive in the same frame, this poses a problem in that all events within the frame nominally arrive at exactly the same time. This artifact can give rise to spurious variability at the readout frequency as the BB algorithm perceives all the events as arriving at the end of a 3.2s interval. In order to avoid this, for frames in which multiple events occur we artificially distribute the events evenly in time throughout the frame. An example of the output of the BB analysis is shown in Figure 8. Among the sources (3177 sources; see section 6) found in CCDID=0-3 in ACIS-I and CCDID=6-7 in ACIS-S observations, we have identified 92 variable sources. In the first ChaMP catalog (991 sources; see section 6), we have 53 variable sources (flag=055 in Table 7).

One disadvantage of the BB method is that it is not easy to account for background subtraction. While generally low and often negligible, the background can vary quite strongly during an observation. Source variability is, however, easily separated from background variability by examining the BB analysis of an annular region surrounding each source region.

In order to diagnose the possible presence of significant periodic variability, we also compute power spectra for each source. While these power spectra are currently examined only by eye, in future implementations of our variability analysis we expect to undertake more thorough and automated searches for periodicity.

3.4. Absolute Position

The absolute positional accuracy of the Chandra observatory is about 1 arcsec, when processed with the most recent calibration data, as specified in http://cxc.harvard.edu/cal/ASPECT/celmon. In order to detect any unforeseen error, particularly in those data processed with old calibration data, and to provide improved celestial positional accuracy for ChaMP X-ray sources, we use optical observations and databases which are being compiled for the ChaMP (Green et al. 2003). For each ChaMP field, we obtain optical CCD images in the SDSS g′, r′ and i′ bands. Optical sources are extracted in these images using SExtractor (Bertin and Arnouts 1996) for each field, we astrometrically calibrate our optical coordinate system against the GSC 2.2 catalog (Bucciarelli et al. 2001), which is in turn astrometrically calibrated via the Astrographic Catalog/Tycho and the Tycho Catalog II to the ICRS reference frame. For each ChaMP field, the positions of X-ray sources are correlated to optical sources in the field, to correct the X-ray coordinate system from

standard Chandra aspect processing. The field correction is then applied to each X-ray source position. This typically corrects the X-ray positions by less than ~1 arcsec. As the positional accuracy of sources detected by **wavdetect** depends on how well the PSF is sampled, the error increases with decreasing source counts and increasing off-axis distances (see section 5). Therefore, we use only sources with counts > 20 and $D_{off\text{-}axis} < 300''$ to fine-tune the astrometric solution for the Chandra image.

3.5. Verification and Validation (V&V)

All the data products have been reviewed and confirmed by more than one ChaMP scientist (1) to make sure that the data processing was done correctly and (2) to flag those sources with various special issues listed in Table 3. If there was a problem in processing, the data were re-processed and re-examined. The source flags with * in Table 3 are initially flagged by automatic XPIPE processing, then confirmed by V&V, whereas those without * are determined only by visual examination. The flags in Table 3 are divided into 4 sub-groups: false sources, questionable sources, valid sources but with uncertain properties and sources with special characteristics. Most of them are self-explanatory or references are given in the table. Flag=021 (spurious source) is rather subjective, but we have only one source in our initial sample. Flag=037 (pile-up) is usually for X-ray bright target sources. For the remaining sources (i.e., without this flag), the pile-up is always less than a few % near on-axis and lower at large off-axis distances. Flag=054 is for already known X-ray jets (either by previous X-ray missions or by radio data). Searching for new faint X-ray jets or close multiple sources (lens candidates) are some of ChaMP science goals.

Table 3. Source flags

False X-ray sources.
011 false source by a hot pixel or by a bad bias value (Figure 3b)
012 false source by a bad column (Figure 3a)
013 false source along the readout direction of a very strong source
014 false source by the FEP 0/3 problem (http://cxc.harvard.edu/ciao/caveats)
015 double sources detected by the PSF effect (Figure 7)
X-ray sources – questionable
021 Visual inspections found it as a spurious source.
Valid sources, but source properties may be subject to a large uncertainty
*031 bad pixel/column exists within source extraction radius
*032 nearby source exists within the source extraction circle
*033 nearby source exists within the bkgd extraction annulus
*034 source is found near an extended source
*035 bkgd region overlaps with a nearby extended source
*036 source near the edge of the chip

037 pileup (see Chandra POG)
038 uncertain source position by flag=015 (Figure 7)

Other cases
*051 source is extended
052 same source in multiple observations
*053 target of observation
054 X-ray jet
*055 variable source

(* flagged by the automatic pipeline)

4. Detection Probability

From a statistical perspective, **wavdetect** is a hypothesis test. At any given location, the null hypothesis that there is no source is checked against the observed signal, and the null is rejected if the signal cannot be obtained at some threshold probability as a fluctuation due to the background. The usefulness of a statistical test depends both on its ability to correctly accept the null hypothesis (i.e., minimize the false positives, the number of spurious sources; this is the so-called Type-I error and is quantified by the threshold significance of detection) as well as correctly reject the null (i.e., minimize the false negatives, the number of real sources that are missed; this is the so-called Type-II error and is quantified by the probability of detecting a source).

To quantitatively determine the performance of **wavdetect** (Kashyap et al. 2003, in preparation), we have run a series of simulations using MARX (MARX Technical Manual) and have also made use of Chandra data to confirm some of the results of the simulation. First, postage stamp (256 x 256) images are simulated at different off-axis locations (0', 2', 5', and 10') for a grid of source strengths (ranging from ~3 to ~4000 counts) and background intensities (ranging from ~1.5 x 10^{-4} count pixel^{-1} to ~0.2 count pixel^{-1}), assuming a flat spectrum between 0.2 and 10 keV (the input spectrum is not important, because the only interesting parameter is the counts produced in the detector by the source and background). Such simulations were carried out ~50 times at each grid point. **wavdetect** was then run on each image adopting a detection threshold of 1 expected false source per image, at scales 1,2,4 pix for the on-axis points and 2,4,8,16 for the off-axis locations.

4.1. Type I Errors

We find that the performance of **wavdetect** is as expected (~1 false source is found in each image) for on-axis sources, and *improves* for off-axis sources. At 10' off-axis, the number of false sources is on average < 0.2 per simulation. The reason for the improvement is the additional logic

discrimators installed in wrecon, the second part of **wavdetect**, which compare source sizes with the known PSF size and eliminates many false sources in that manner.

We have also performed a comparable study with a Chandra observation of relatively long exposure times (~100 ksec). We have split the long observation into smaller pieces (10 ksec each) and run **wavdetect** on the original long observation and smaller segments with the same parameters. It would be reasonable to assume that sources found in the segments as well as in the original observation are likely to be real whereas sources found in the segments but not in the original observation are likely to be false. We can then measure how many spurious sources are found in the segments, but not found in the original, long observation. We have performed this exercise with obsid=536 and obsid=927. On average, we found 0.3 spurious sources per CCD, which is fully consistent with the simulation results.

4.2. Type II Errors

Determining the rate of false negatives, or the probability of failing to detect a real source, is more complex because of its strong dependence on source strength, background intensity, and off-axis location. The detection probability decreases as the background rate increases, because it is easier to obtain fluctuations from the background that match the source intensities, thus reducing the significance of detection. Also, in general the PSF increases in size at larger off-axis angles, spreading the source counts over a larger area of the detector, thus including a larger number of background counts within the source region, which again serves to reduce the detection probability. Finally, as the nominal source strength is reduced, the Poisson fluctuations in the observed source counts ensure that in increasingly larger numbers, sources lie below the detection thresholds, again reducing the probability of detecting the source.

We determine the detection probability over the same range of parameters as above, and show representative curves in Figure 9. It is clear that Type-II errors are critical at the faint end, i.e., near the detection limit of each observation. For instance, only half the sources with a strength of say 10 counts are detected at 5' off-axis when the background is ~0.03 count pixel^{-1}.

5. Positional Uncertainty

With the superb Chandra spatial resolution, the on-axis positional accuracy is expected to be accurate with an error less than 1″. However, with increasing off-axis angle, PSFs spread out and also become circularly asymmetric (see Chandra POG). Consequently, a source position may not be reliable for a weak source at a large off-axis angle. In order to quantify this uncertainty, we have carried out another set of simulations with SAOSAC (http://cxc.harvard. edu/chart) because its ray trace technique represents the actual HRMA more realistically than MARX. Figure 10 illustrates an example of simulated sources in 4 ACIS-I CCDs. We ran **wavdetect** on the simulated images and compared **wavdetect**-determined source positions with input positions. Figure 11 shows the positional error as a function of off-axis angle for a wide range of source strengths, from 20 to 10,000 counts. When a source lies at the edge of the CCD, source photons may be lost and the **wavdetect** centroiding algorithm may not work properly. Such sources (with average exposure

within the source radius < 80% of the on-axis exposure) are marked as a plus symbol in Figure 11. In the following discussion, we exclude those sources falling near the CCD edge. We note that these sources are flagged in the ChaMP database to indicate their large uncertainties both in flux and position. As expected, the source position is accurately determined for strong sources with 1,000 counts and 10,000 counts (Figure 11-c and d). The positional uncertainty is ~0.7″ (95% confidence), regardless of $D_{off\text{-}axis}$. For fainter sources (with 20 counts and 100 counts in Figure 11-a and b, respectively), the positional error remains relatively small (less than 1-2 arcsec) within $D_{off\text{-}axis} < 6'$. However, the positional error increases significantly at $D_{off\text{-}axis} > 6'$. The results are summarized in Table 4, where a mean value, 1σ scatter from the mean, positional uncertainties at 67, 95 and 99% confidence levels are listed.

By examining sources with large offsets between the simulated and detected position, we have recognized that source positions estimated by **wavdetect (**in CIAO 2.3 or earlier) or the algorithm given in Freeman et al. (2002) become less accurate by up to several arcsec (see Figure 11), if either the contribution of the background to the observed total counts in the source cell is non-negligible, or the source cell is highly asymmetric. To mitigate this problem, the algorithm has been enhanced (Freeman, private communication). First, a position estimate is made using the original algorithm, along with an estimate of the error. Then, if the source cell size is at least 15 pixels, and if the first position estimate is at least three σ away from the nearest maximum in the source counts image, the position estimate is refined by the following method. Any asymmetry in the source cell shape, or asymmetry in the distribution of data around the true centroid, can lead to inaccuracies in the position determination, since outlier data will "pull" the estimated centroid away from its true position. (This effect is thus most noticeable far off-axis, for low counts, as demonstrated in Figure 11.) Taking the (possibly asymmetric) source cell and the original position (x_o, y_o) as an input, we eliminate the systematic effect of an asymmetric source cell by creating a new, temporary source cell: the largest square box centered at (x_o, y_o) that fits within the original source cell (i.e., all pixels in the new cell must also be within the old cell, but not vice-versa). A new centroid determination is made within this cell. Refinement is done iteratively, i.e., the process of creating a cell and centroiding is repeated until the refined position estimate stabilizes. Figure 12 illustrates this problem and its correction. The larger (red) ellipses indicate the source regions determined by a single run of **wavdetect**, while the smaller (blue) ellipses indicate the refined source regions, whose centroids are clearly closer to the actual photon distribution. In this example (obsid=520), the two sources with ~60 counts each are located at $D_{off\text{-}axis} \sim 8 - 9'$ and the corrections are 4.4″ (lower one) and 2.5″ (upper one).

Table 4

Positional error (in ″) at $D_{off\text{-}axis}$ = 6-8′ for count = 20

Method	number of sources	mean error	σ	67%	95%	99%
wavdetect in ciao 2.3	403	1.28	0.74	1.53	2.75	3.36
Revised wavdetect	403	1.13	0.64	1.34	2.31	3.17

Positional error (in ″) at $D_{off\text{-}axis}$ = 8-10′ for count = 20

Method	number of sources	mean error	σ	67%	95%	99%
wavdetect in ciao 2.3	146	2.82	1.8	3.46	5.82	7.66
Revised wavdetect	146	1.85	1.2	2.11	4.23	4.92

The positional error after this refinement decreases considerably, in particular for a faint source at a large off-axis angle (see Figure 13 and Table 4). In summary, the positional error is 2″ or better for a source (regardless of its strength) within $D_{off\text{-}axis}$ < 6′ from the aim point, while the error for a faint source increases to 2-3″ and 4-5″ at $D_{off\text{-}axis}$ = 6-8′ and 8-10′, respectively (95% confidence). We have reexamined by eye those sources with large errors and confirmed that the error is basically driven by the statistical noise with a small number of source photons spreading out inside a large PSF. In XPIPE processing, we apply the improved position determination algorithm to all sources at $D_{off\text{-}axis}$ > 400″ and used the improved position and error in the following discussions (section 6).

A set of empirical formulae (applicable up to $D_{off\text{-}axis}$ < 10′) are given here for a quick, approximate estimate of an error box:

$$\text{PE}(″) = 1 - 0.02\, D_{off\text{-}axis}^{2} + 0.0067\, D_{off\text{-}axis}^{3} \quad \text{for sources with 20 counts}$$
$$1 - 0.01\, D_{off\text{-}axis}^{2} + 0.0025\, D_{off\text{-}axis}^{3} \quad \text{for sources with 100 counts}$$

where $D_{off\text{-}axis}$ is in unit of arcmin. In the ChaMP source catalog, we provide the positional error for an individual source by interpolating these formulae and applying a conservative minimum of 1″ (see Section 3.4 and cxc.harvard.edu/cal/ASPECT/celmon for Chandra absolute astrometric accuracy).

Given that the PSF is asymmetric and the direction of PSF elongation is a function of azimuth, we have searched for any systematic trend, such as a preferential direction of offsets (i.e., both radial and tangential offsets) as a function of azimuth. However, we do not see any significant trend, as both the amount and direction of offsets appear to be random on a scale of < 1 arcsec. It is possible there still remains a systematic effect on a smaller scale (~ a few tenth arcsec).

We have also performed a comparable study with Chandra data. Utilizing multiple observations pointing to the same part of the sky, we compare the multiple source positions of the same source measured in different observations. For this purpose, we have selected the Chandra Deep Field North (CDF-N) data which consist of 12 separate observations from Nov. 1999 to Mar. 2001. Excluding observations with a relatively short exposure time, we have used 10 observations with exposure times ranging from 50 ksec to 170 ksec. We ran **wavdetect** on each observation and cross-correlated source positions. To remove the systematic shift between different observations by an absolute position error, we first cross-correlate sources within 300″ from the aim point for which the positional accuracy is expected to be good as indicated by the above simulation study. We found a systematic shift of up to 2″ from one field to another. This is consistent with the

known error in aspect calibration files of ACIS-I (http://cxc.harvard.edu/cal/ASPECT/). After registering each field to a common frame, we cross-correlated again all sources in 10 observations. The position difference of the same source detected in different observations is plotted against off-axis angle in Figure 14. In each matching pair, the larger off-axis angle was used here. The result is in full accordance with the simulation result. While most sources can be found within 1-2″, the positional error can be as large as 5″ at $D_{off\text{-}axis} > 6'$.

We note that the refined position does not affect source counts. The change using the revised position remains well within the error (Section 3), because the source extraction radius is much larger than the position change, when the correction is necessary, i.e., at the large $D_{off\text{-}axis}$.

6. ChaMP X-ray source catalog

62 fields (listed in Table 1) have been completed in XPIPE processing and follow-up manual V&V. We have found 4517 sources, after excluding false sources (flag=011- 021 in Table 3). Further excluding the target of each observation (flag=053), sources at the edge of CCDs (flag=036) and sources affected by pile-up (flag=037; in our 62 fields they all happened to be targets), we ended up with 4005 sources. 3177 sources are within CCDID=0-3 in ACIS-I observations and CCDID=6-7 in ACIS-S observations. Among these sources, we have used 991 X-ray sources to extract the first ChaMP results on X-ray source properties in terms of Log(N)-Log(S) and X-ray colors (see paper II). They are all near on-axis and bright X-ray sources, which were selected (1) to avoid various systematic effects (e.g., detection probability, positional error) and (2) to maintain relatively high statistical significance (see Table 5). We present here the first ChaMP source catalog consisting of these 991 sources. Figure 15 (a-d) show the distributions of exposure times and net source counts in 3 energy bands for all sources in 62 fields and the 991 sources listed in the catalog.

Table 5 Selection Criteria for the first ChaMP catalog

	no. of sources	Counts limit	Off-axis distance limit
S-band Log(N)-Log(S)	707	20 in S-band	400” in ACIS-I or S3 in ACIS-S
H-band Log(N)-Log(S)	236	20 in H-band	400” in ACIS-I or S3 in ACIS-S
X-ray colors	620	50 in B-band	I0-I3 in ACIS-I or S2-S3 in ACIS-S

To facilitate the use of the ChaMP catalog, we provide ECFs for various energy bands and various spectral models in Table 6. As described in section 3.3, ECFs are calculated for different observation times (and per chip) and galactic N_H for each field. In combination with Table 8 (containing photometric information), users can easily generate necessary fluxes. Due to the limited space, we present the only abbreviated version of the Catalog in Table 7 (source position and flag), 8 (source photometric information) and 9 (source spectral information). The full tables are available

in the electronic version of this paper and also in the ChaMP web site, http://hea-www.cfa.harvard.edu /CHAMP. Descriptions of each column in Table 7-9 are listed below.

Table 7:
Col (1) ChaMP source id given by ra and dec in J2000.
Col (2) obsid
Col (3) ccdid (0-3 for ACIS-I and 4-9 for ACIS-S)
Col (4) source id number assigned by **wavdetect**
Col (5-6) RA and DEC (J2000) after refinement in degree (note. Col (1) in hms) (see section 5)
Col (7) positional error in arcsec (see section 5).
Col (8) off-axis distance in arcmin
Col (9) source extraction radius (95% EE radius; see section 3.3)
Col (10) effective exposure in ksec (see section 3.1)
Col (11) source flag (see section 3.5)

Table 8:
Col (1) same as Col (1) in Table 7
Col (2-3) net counts in the B-band (0.3- 8.0 keV) and errors (see section 3.3)
Col (4-5) net counts in the S_1-band (0.3- 0.9 keV) and errors (see section 3.3)
Col (6-7) net counts in the S_2-band (0.9- 2.5 keV) and errors (see section 3.3)
Col (8-9) net counts in the H-band (0.3- 8.0 keV) and errors (see section 3.3)
Col (10-11) net counts in the S_C-band (0.5- 2.0 keV) and errors (see section 3.3)
Col (12-13) net counts in the H_C-band (2.0- 8.0 keV) and errors (see section 3.3)
Col (14) flux in the B-band (0.3-8.0 keV) (see section 3.3 and Table 6)

Table 9:
Col (1) same as Col (1) in Table 7
Col (2-3) hardness ratios and errors (see section 3.3)
Col (4-5) C21 and errors (see section 3.3)
Col (6-7) C32 and errors (see section 3.3)
Note that in both colors, we assign 99 for an upper limit, –99 for a lower limit, and 999 for undetermined.

7. Conclusion

(1) We present the first ChaMP X-ray source catalog of 991 sources after applying uniform data reduction techniques. The source properties include photometry (in various energy bands), spectroscopy (using hardness ratio and X-ray colors), spatial extendedness and time variability.

Careful tests and simulations of the ChaMP XPIPE X-ray data processing described in this paper yield the following results:

(2) The type I error (detecting a false source) is always less than 1 per CCD with the selected parameter, threshold=10^{-6}.

(3) The type II error (missing a real source) is a complicated function of source strength, background level and off-axis distance. The error could be as large as 50% for a weak source (with ~10 photons) at a moderate off-axis distance ($D_{off\text{-}axis}$ ~ 5′) with a typical background rate (~0.03 count $pixel^{-1}$) and should be carefully incorporated in any statistical analysis.

(4) The positional accuracy is always good (< 1″) for a bright source, regardless of its off-axis distance. However, for a faint source at a large off-axis distance, the position uncertainty can be as high as 4-5 arcsec (95% confidence).

(5) We have developed new tools to identify extended or variable sources. In particular, our new variability test, based on the Bayesian Blocks algorithm, is applicable to common, faint sources.

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Figure Captions

Figure 1: ChaMP predicted (a) number of sources and (b) effective sky area. Predictions are determined by simulations for 137 ChaMP fields, based on a deep Log(N)-Log(S). Also included are analogous simulations for the combined CDFs (2 Msec North and 1 Msec South) and for the ROSAT surveys analyzed by Miyaji et al (2000).

Figure 2. An example XPIPE output image. A circle indicates an X-ray source detected by **wavdetect** and its radius is proportional to the PSF size at the off-axis distance for a given source. 45 sources are detected, including one extended source (a target source in this observation) and a few overlapping sources.

Figure 3. Examples of (a) a bad column and (b) a hot pixel in sky coordinates. (a) A series of false sources are detected along the bad column. (b) Two hot pixels are seen in a Lissajous pattern (near the center) and 4 false sources each are detected. In ChaMP data processing, the presence of unfiltered bad columns and bad pixels is checked by visual examination of images in chip coordinates.

Figure 4. A sample image on S4 chip (ccdid=8) before (bottom) and after (top) the de-streaking correction.

Figure 5. Comparison of background light curves of (a) BI S3 (ccdid=7) chip and (b) FI S2 (ccdid=6) chip. Note that they were made from the same observation. Time intervals during which the background rate is high (beyond 3 sigma) are marked by a red cross.

Figure 6. Histogram of the effective exposure times for BI and FI chips. Background flares significantly reduce the effective exposure time in the BI chip.

Figure 7. Double peaked sources due to the PSF. The top-left panel is the observed image of a single source with ~2000 counts at $D_{off\text{-}axis}=6'$ and the top-right panel is the PSF image generated at the source location. In this case, 2 sources are detected by **wavdetect**, 1.6″ apart. The bottom-left panel clearly shows a single source after applying the Richardson-Lucy deconvolution.

Figure 8. (a) An example of variability determined by the Bayesian Blocks method. The Chandra data of 1WGA J1216.9+3347 is used here to illustrate the results of our variability analysis. The dotted histogram represents the light curve and the thick black histogram indicates where the count rate remains constant or varies. The break in the count rate is also marked by the red vertical line. (b) The light curve of the same source determined by the traditional time binning method (taken from Cagnoni et al. 2003).

Figure 9. Detection probability as a function of background counts with various source counts (from a few to ~100, indicated at the right side of figures) and off-axis distances: (a) on-axis, (b) 2′ off-axis, (c) 5′ off-axis and (d) 10′ off-axis.

Figure 10. SAOSAC simulation of point sources at a wide range of off-axis angles in 4 ACIS-I chips. Each source has 1000 net input counts.

Figure 11. **wavdetect** position errors measured with SAOSAC simulations. About 2000 sources are simulated each for 20, 100, 1000 counts (a-c), and about 200 sources for 10000 counts (d). Differences between estimated and expected positions are plotted against off-axis angle. Sources falling at the detector edges are subject to a large error and are denoted by +. For visibility, points are horizontally shifted by adding random numbers (up to 50 arcsec) to off-axis angles.

Figure 12. Examples of X-ray sources identified by **wavdetect** with relatively large position errors. The large ellipses are the source regions determined by **wavdetect** in CIAO 2.3. Note that the centers of two ellipses (marked by x) are off by 2-4″ from the local peaks. The smaller ellipses indicate the revised source regions by the new algorithm described in section 5.

Figure 13. Same as Figure 11 after the position correction with a new wavdetect algorithm.

Figure 14. Position error measured in 10 observations of Chandra Deep Field-North. The position difference of the same source is plotted against off-axis angle for which we take the larger one in each pair. Sources which lie at the detector edges at least in one observation of the matching pair are denoted by +.

Figure 15. Distribution of exposure times and source counts in 3 energy bands.
(a) Effective exposure time after correcting for the CCD dead time and background flares. (b-d) Net counts of 3177 sources obtained in 62 fields (solid histograms) and of 991 sources used in the 1st ChaMP catalog as described in Table 5 (dashed histogram).

Table 1. List of Chandra Fields used in this paper

Obsid	Seq no	Target	RA (2000)	DEC (2000)	N(H) (10^{20}cm^{-2})	obs. date	Exp (ksec)	aim point detector	CCD used (*)
520	800028	MS 0015.9+1609	0 18 32.7	+ 16 30 4.0	4.06	Aug 18, 2000	60.99	ACIS-I	01236
2242	900069	GSGP4X:048	0 57 17.9	- 27 22 23.8	1.69	Dec 18, 2000	6.66	ACIS-S	235678
2244	900071	GSGP4X:069	0 57 38.9	- 27 33 30.0	1.62	Oct 30, 2000	6.86	ACIS-S	235678
2245	900072	GSGP4X:082	0 57 51.9	- 27 23 30.6	1.43	Oct 30, 2000	6.52	ACIS-S	235678
2247	900074	GSGP4X:109	0 58 26.4	- 27 29 51.0	1.37	Nov 07, 2000	10.88	ACIS-S	235678
2248	900075	GSGP4X:114	0 58 38.3	- 27 49 17.5	1.55	Nov 08, 2000	10.11	ACIS-S	235678
521	800029	CL 0107+31	1 2 5.2	+ 31 47 54.7	5.49	Oct 23, 1999*	46.87	ACIS-I	01237
342	700014	NGC 526A	1 23 53.6	- 35 4 33.5	2.09	Feb 07, 2000	5.78	ACIS-S	235678
913	800089	CL J0152.7-1357	1 52 49.3	- 13 56 19.1	1.61	Sep 08, 2000	34.81	ACIS-I	012367
1642	700258	HE0230-2130	2 32 35.7	- 21 17 12.2	2.27	Oct 14, 2000	8.35	ACIS-S	123678
525	800033	MS 0302.7+1658	3 5 28.3	+ 17 13 20.6	10.95	Oct 03, 2000	8.95	ACIS-I	01236
796	600099	SBS 0335-052	3 37 44.5	- 5 2 19.4	4.98	Sep 07, 2000	46.81	ACIS-I	012367
624	200049	LP 944-20	3 39 36.8	- 35 26 21.2	1.44	Dec 15, 1999*	40.94	ACIS-S	23678
902	800078	MS 0451.6-0305	4 54 12.9	- 2 58 52.4	5.18	Oct 08, 2000	41.53	ACIS-S	235678
346	700018	PICTOR A	5 19 45.6	- 45 46 29.3	4.12	Jan 18, 2000*	25.44	ACIS-S	23678
914	800090	CL J0542.8-4100	5 42 49.0	- 40 58 48.4	3.59	Jul 26, 2000	48.72	ACIS-I	01236
377	700049	B2 0738+313	7 41 11.9	+ 31 12 35.8	4.18	Oct 10, 2000	26.91	ACIS-S	235678
838	700143	3C 200	8 27 26.8	+ 29 19 19.9	3.69	Oct 06, 2000	10.07	ACIS-S	235678
1643	700259	APM08279+5255	8 31 43.9	+ 52 45 48.7	3.91	Oct 11, 2000	6.87	ACIS-S	123678
2130	700320	3C 207	8 40 49.2	+ 13 12 57.0	4.14	Nov 04, 2000	22.90	ACIS-S	235678
1708	800103	CL 0848.6+4453	8 48 54.7	+ 44 54 33.3	2.73	May 03, 2000	59.39	ACIS-I	012367
927	800103	CL 0848.6+4453	8 48 54.8	+ 44 54 32.9	2.73	May 04, 2000	122.18	ACIS-I	012367
1596	700212	0902+343	9 5 32.8	+ 34 9 7.9	2.28	Oct 26, 2000	9.68	ACIS-S	235678
2227	800166	RX J0910+5422	9 10 39.7	+ 54 19 54.8	1.98	Apr 29, 2001	104.25	ACIS-I	01236
419	700091	RX J0911.4+0551	9 11 26.8	+ 5 50 57.3	3.70	Nov 02, 1999*	24.55	ACIS-S	01237
1629	700245	RXJ0911.4+0551	9 11 28.7	+ 5 51 25.9	3.70	Oct 29, 2000	9.13	ACIS-S	123678
839	700144	3C 220.1	9 32 35.0	+ 79 7 10.8	1.90	Dec 29, 1999*	17.14	ACIS-S	23678
805	600108	I ZW 18	9 33 56.5	+ 55 14 37.7	1.99	Feb 08, 2000	24.49	ACIS-S	235678
926	800102	MS 1008.1-1224	10 10 14.7	- 12 41 4.9	6.74	Jun 11, 2000	43.87	ACIS-I	012367
512	800020	EMSS 1054.5-0321	10 56 55.8	- 3 39 20.3	3.67	Apr 21, 2000	75.60	ACIS-S	123678
915	800091	CL J1113.1-2615	11 12 54.1	- 26 15 41.2	5.52	Aug 13, 2000	101.35	ACIS-I	012367
363	700035	PG 1115+080	11 18 15.1	+ 7 45 16.0	4.01	Jun 02, 2000	24.42	ACIS-S	123678
1630	700246	PG1115+080	11 18 18.5	+ 7 46 29.8	4.01	Nov 03, 2000	9.73	ACIS-S	123678
868	700173	PG 1115+407	11 18 42.8	+ 40 25 17.6	1.91	Oct 03, 2000	17.37	ACIS-I	012367
2126	700316	3C263	11 40 5.2	+ 65 47 59.7	1.15	Oct 28, 2000	29.15	ACIS-S	235678
898	800074	B1138-262	11 40 46.1	- 26 30 20.9	4.96	Jun 06, 2000	23.50	ACIS-S	235678
536	800044	MS 1137.5+6625	11 40 47.1	+ 66 7 19.7	1.18	Sep 30, 1999*	114.61	ACIS-I	012367
1712	790054	3C 273	12 29 6.3	+ 2 3 14.0	1.79	Jun 14, 2000	12.04	ACIS-S	456789
325	800063	S-Z CLUSTER	13 12 22.4	+ 42 41 42.8	1.37	Dec 03, 1999*	80.61	ACIS-S	23678
2228	800167	RX J1317.4+2911	13 17 12.2	+ 29 10 18.3	1.04	May 04, 2001	108.09	ACIS-I	01236
809	700114	MRK 273X	13 44 43.0	+ 55 54 16.4	1.09	Apr 19, 2000	40.93	ACIS-S	012367
507	800015	RX J1347-114	13 47 28.7	- 11 46 24.2	4.88	Apr 29, 2000	9.90	ACIS-S	235678
1588	700204	3C294	14 6 50.4	+ 34 11 20.0	1.21	Oct 29, 2000	19.02	ACIS-S	235678
578	890023	3C295	14 11 11.5	+ 52 13 1.6	1.34	Aug 30, 1999*	15.80	ACIS-S	235678
930	800106	H1413+117	14 15 43.9	+ 11 30 0.1	1.80	Apr 19, 2000	24.09	ACIS-S	456789
541	800049	V1416+4446	14 16 43.0	+ 44 48 28.5	1.24	Dec 02, 1999*	29.67	ACIS-I	01236
907	800083	QB 1429-008A,B	14 32 29.5	- 1 5 58.4	3.54	Mar 31, 2000	21.32	ACIS-I	01236
869	700174	ARP 220	15 34 54.7	+ 23 29 52.5	4.29	Jun 24, 2000	54.18	ACIS-S	235678
326	800064	3C 324	15 49 46.3	+ 21 25 19.3	4.31	Jun 25, 2000	31.95	ACIS-S	235678
546	800054	MS 1621.5+2640	16 23 25.4	+ 26 36 12.4	3.59	Apr 24, 2000	29.57	ACIS-I	01236
615	200040	VB 8	16 55 34.0	- 8 24 7.6	13.39	Jul 10, 2000	8.54	ACIS-S	456789
548	800056	RX J1716.9+6708	17 17 1.0	+ 67 11 44.1	3.71	Feb 27, 2000	50.35	ACIS-I	01236
841	700146	3C 371	18 6 52.3	+ 69 50 5.5	4.84	Mar 21, 2000	9.43	ACIS-S	456789
830	700135	JET OF 3C 390.3	18 41 46.8	+ 79 48 21.2	4.16	Apr 17, 2000	22.71	ACIS-S	235678
551	800059	MS 2053.7-0449	20 56 18.6	- 4 34 32.3	4.96	May 13, 2000	42.34	ACIS-I	01236
928	800104	MS 2137.3-2353	21 40 14.8	- 23 40 22.0	3.57	Nov 18, 1999*	29.09	ACIS-S	23678
1644	700260	HE2149-2745	21 52 7.8	- 27 32 28.2	2.33	Nov 18, 2000	9.18	ACIS-S	123678
1479	980429	LEONID ANTI-RADIANT	22 13 12.7	- 22 10 43.4	2.49	Nov 17, 1999*	20.02	ACIS-I	01236
789	600092	HCG 92	22 35 58.5	+ 33 59 31.4	7.74	Jul 09, 2000	19.60	ACIS-S	235678
431	700103	EINSTEIN CROSS	22 40 27.9	+ 3 21 19.2	5.34	Sep 06, 2000	21.89	ACIS-S	123678
918	800094	CL J2302.8+0844	23 2 47.4	+ 8 45 14.7	5.05	Aug 05, 2000	106.09	ACIS-I	012367
861	700166	Q2345+007	23 48 18.1	+ 0 58 36.4	3.81	Jun 27, 2000	65.00	ACIS-S	123678

- CCDID=0-3 for ACIS-I and 4-9 for ACIS-S (Chandra Proposer's Observatory Guide)
- N_H from Stark et al. (1992)
- * CCD temperature > - 120 degree

Table 6 Energy Conversion Factors

		gamma=1.2					gamma=1.4					gamma=1.7				
obsid	ccdid	B	S	H	Sc	Hc	B	S	H	Sc	Hc	B	S	H	Sc	Hc
325	6	116.45	38.88	297.53	44.69	240.97	104.69	39.35	290.50	45.04	229.90	91.56	39.99	281.82	45.70	214.83
325	7	86.98	26.92	277.71	32.84	219.52	75.15	26.38	270.16	32.50	208.41	61.56	25.40	260.76	32.04	193.39
326	6	123.36	43.12	283.04	49.21	233.16	112.55	44.04	276.97	49.91	223.31	100.72	45.44	269.63	51.16	209.91
326	7	98.72	31.82	277.54	37.77	221.05	87.14	31.73	269.70	37.73	209.76	73.95	31.46	259.86	37.75	194.49
342	6	117.20	40.09	282.38	45.86	232.29	106.07	40.69	276.30	46.32	222.43	93.68	41.55	268.92	47.17	209.00
342	7	90.94	28.55	276.82	34.57	220.12	79.19	28.16	268.97	34.34	208.83	65.72	27.41	259.11	34.06	193.54
346	6	122.51	41.72	298.22	47.81	241.89	110.98	42.47	291.19	48.37	230.84	98.30	43.59	282.58	49.38	215.79
346	7	94.58	30.01	278.56	35.77	220.52	82.87	29.75	271.01	35.60	209.41	69.45	29.19	261.63	35.39	194.39
363	6	122.54	42.70	283.05	48.74	233.10	111.67	43.58	276.97	49.41	223.25	99.76	44.91	269.63	50.60	209.83
363	7	97.70	31.38	277.48	37.33	220.96	86.08	31.25	269.64	37.27	209.66	72.84	30.90	259.80	37.24	194.39
377	6	124.55	43.72	283.21	49.88	233.33	113.80	44.70	277.15	50.63	223.48	102.11	46.23	269.80	51.97	210.07
377	7	100.25	32.48	277.54	38.43	221.12	88.72	32.47	269.71	38.45	209.84	75.61	32.30	259.88	38.54	194.58
419	7	91.55	28.76	278.33	34.57	220.23	79.77	28.38	270.78	34.32	209.11	66.25	27.63	261.38	34.00	194.09
431	6	126.09	44.50	283.47	50.77	233.64	115.41	45.56	277.40	51.58	223.79	103.85	47.21	270.05	53.02	210.39
431	7	102.09	33.28	277.94	39.26	221.53	90.60	33.34	270.10	39.32	210.24	77.58	33.29	260.26	39.49	194.96
507	6	123.47	43.17	283.06	49.28	233.20	112.65	44.09	277.00	49.98	223.36	100.81	45.49	269.67	51.23	209.96
507	7	98.82	31.85	277.70	37.81	221.18	87.23	31.77	269.87	37.78	209.89	74.03	31.49	260.02	37.79	194.61
512	6	121.36	42.11	282.98	48.09	233.00	110.42	42.92	276.90	48.70	223.14	98.39	44.13	269.54	49.81	209.72
512	7	96.13	30.71	277.37	36.66	220.78	84.47	30.52	269.52	36.56	209.49	71.17	30.07	259.68	36.47	194.21
520	0-3	132.11	47.47	286.17	54.15	237.38	121.48	48.73	280.14	55.13	227.60	110.10	50.71	272.90	56.87	214.28
521	0-3	130.99	45.45	305.37	52.48	245.79	119.46	46.52	297.92	53.30	234.12	106.98	48.17	288.73	54.74	218.19
525	0-3	143.41	52.87	295.68	60.63	243.73	133.05	54.71	288.97	62.09	233.17	122.46	57.72	280.78	64.66	218.84
536	0-3	123.02	41.57	305.11	48.10	245.02	111.10	42.22	297.62	48.61	233.31	97.92	43.18	288.38	49.53	217.31
541	0-3	124.25	42.20	304.45	48.78	244.57	112.44	42.93	297.00	49.34	232.89	99.43	44.02	287.77	50.36	216.95
546	0-3	129.42	45.49	293.43	51.98	241.03	118.32	46.56	286.70	52.81	230.47	106.32	48.24	278.47	54.30	216.09
548	0-3	128.64	45.10	293.29	51.55	240.89	117.50	46.13	286.56	52.35	230.32	105.42	47.73	278.34	53.77	215.95
551	0-3	132.00	46.81	293.76	53.49	241.46	121.03	48.02	287.03	54.43	230.89	109.28	49.93	278.82	56.10	216.53
578	6	111.98	37.68	280.60	43.43	232.32	100.71	38.04	274.92	43.79	222.93	88.00	38.52	268.11	44.46	210.18
578	7	82.10	25.16	271.33	31.10	214.78	70.58	24.56	264.02	30.75	204.00	57.37	23.51	254.94	30.27	189.46
615	6	138.07	50.85	285.20	58.22	235.84	128.03	52.56	279.18	59.57	226.03	117.67	55.32	271.91	61.93	212.67
615	7	116.21	39.75	279.96	46.31	223.96	105.20	40.45	272.14	46.83	212.67	93.06	41.45	262.33	47.74	197.39
624	6	116.81	39.06	297.37	44.88	240.88	105.08	39.54	290.34	45.25	229.83	91.98	40.21	281.71	45.93	214.78
624	7	87.43	27.10	277.62	33.00	219.46	75.62	26.58	270.07	32.68	208.35	62.04	25.62	260.66	32.23	193.35
789	6	129.27	46.13	284.01	52.65	234.29	118.74	47.35	277.95	53.59	224.44	107.46	49.27	270.63	55.25	211.05
789	7	105.85	34.95	278.46	41.02	222.16	94.46	35.16	270.63	41.19	210.87	81.63	35.37	260.80	41.53	195.60
796	0-3	133.90	47.68	295.42	54.40	243.25	122.99	48.99	288.67	55.42	232.68	111.37	51.07	280.43	57.23	218.33
805	6	117.02	40.01	282.21	45.78	232.16	105.89	40.60	276.14	46.23	222.31	93.50	41.46	268.79	47.07	208.90
805	7	90.74	28.47	276.76	34.49	220.07	78.98	28.07	268.91	34.27	208.78	65.52	27.31	259.07	33.97	193.50
809	6	116.67	39.86	281.89	45.60	231.99	105.55	40.44	275.85	46.05	222.18	93.16	41.29	268.54	46.88	208.81
809	7	90.35	28.32	276.68	34.34	219.96	78.59	27.91	268.83	34.11	208.67	65.12	27.13	258.97	33.81	193.39
830	6	122.06	42.47	282.89	48.49	232.98	111.17	43.32	276.83	49.14	223.13	99.21	44.60	269.48	50.29	209.72
830	7	97.07	31.11	277.45	37.06	220.90	85.44	30.95	269.60	36.98	209.61	72.17	30.57	259.76	36.93	194.33
838	6	123.68	43.28	283.07	49.38	233.17	112.89	44.22	277.00	50.10	223.32	101.12	45.67	269.65	51.38	209.91
838	7	99.20	32.03	277.53	37.97	221.05	87.64	31.97	269.70	37.95	209.76	74.48	31.73	259.86	38.00	194.49
839	6	117.99	39.61	297.46	45.48	241.01	106.30	40.15	290.44	45.88	229.97	93.30	40.91	281.80	46.63	214.93
839	7	88.83	27.67	277.57	33.52	219.47	77.05	27.20	270.02	33.22	208.36	63.51	26.33	260.62	32.82	193.36
841	6	122.77	42.82	283.02	48.89	233.13	111.90	43.70	276.96	49.56	223.28	100.00	45.03	269.63	50.76	209.88
841	7	97.94	31.47	277.64	37.44	221.10	86.31	31.35	269.80	37.38	209.80	73.07	31.02	259.96	37.35	194.52
861	6	122.35	42.62	282.94	48.64	233.01	111.48	43.48	276.86	49.30	223.17	99.56	44.79	269.52	50.48	209.75
861	7	97.58	31.32	277.61	37.27	221.03	85.95	31.18	269.75	37.20	209.73	72.71	30.83	259.90	37.17	194.43
868	0-3	129.14	45.24	294.82	51.60	242.45	117.99	46.31	288.05	52.43	231.86	105.94	47.97	279.78	53.91	217.49
869	6	123.35	43.10	283.15	49.20	233.24	112.52	44.02	277.07	49.89	223.39	100.68	45.42	269.73	51.14	209.97
869	7	98.68	31.80	277.56	37.75	221.06	87.09	31.71	269.73	37.72	209.77	73.90	31.43	259.88	37.73	194.50
898	6	124.18	43.53	283.17	49.68	233.32	113.40	44.48	277.12	50.41	223.47	101.63	45.96	269.77	51.71	210.07
898	7	99.72	32.24	277.69	38.21	221.22	88.15	32.20	269.85	38.20	209.94	75.00	31.98	260.02	38.25	194.66
902	6	126.18	44.55	283.35	50.83	233.56	115.52	45.62	277.29	51.65	223.73	103.97	47.28	269.97	53.09	210.33
902	7	102.24	33.35	277.91	39.33	221.51	90.76	33.41	270.09	39.39	210.22	77.75	33.38	260.24	39.57	194.94
907	0-3	129.14	45.26	294.64	51.65	242.36	117.98	46.31	287.88	52.47	231.79	105.91	47.95	279.64	53.93	217.43
913	0-3	128.30	44.83	294.66	51.13	242.27	117.11	45.84	287.89	51.93	231.68	104.98	47.43	279.62	53.34	217.31
914	0-3	131.07	46.22	295.06	52.73	242.78	120.01	47.38	288.29	53.63	232.19	108.12	49.20	280.04	55.23	217.84
915	0-3	134.48	47.98	295.49	54.76	243.35	123.59	49.32	288.73	55.80	232.78	112.03	51.45	280.50	57.65	218.43
918	0-3	133.61	47.53	295.41	54.23	243.23	122.68	48.82	288.65	55.24	232.66	111.02	50.87	280.40	57.02	218.30
926	0-3	135.66	48.59	295.78	55.47	243.67	124.82	49.98	289.03	56.56	233.10	113.35	52.21	280.80	58.49	218.75
927	0-3	128.37	44.87	294.60	51.19	242.27	117.17	45.88	287.84	51.99	231.69	105.03	47.46	279.60	53.40	217.34
928	6	120.17	40.63	297.64	46.61	241.33	108.56	41.27	290.63	47.08	230.30	95.69	42.19	282.01	47.95	215.27
928	7	91.70	28.82	278.26	34.63	220.17	79.93	28.45	270.71	34.38	209.06	66.42	27.71	261.32	34.07	194.04
930	6	117.98	40.47	282.37	46.27	232.32	106.90	41.12	276.30	46.77	222.46	94.60	42.06	268.92	47.67	209.04
930	7	91.97	28.98	276.86	34.97	220.17	80.24	28.63	269.01	34.77	208.88	66.81	27.94	259.15	34.53	193.61
1479	0-3	126.22	43.13	304.73	49.84	244.93	114.49	43.96	297.27	50.47	233.25	101.63	45.22	288.04	51.61	217.31
1588	6	119.70	41.32	282.40	47.18	232.41	108.73	42.06	276.33	47.75	222.55	96.62	43.17	268.96	48.77	209.14

Table 6 - continued

		gamma=1.2					gamma=1.4					gamma=1.7				
obsid	ccdid	B	S	H	Sc	Hc	B	S	H	Sc	Hc	B	S	H	Sc	Hc
1588	7	94.28	29.95	276.81	35.90	220.24	82.61	29.69	268.97	35.77	208.95	69.26	29.14	259.13	35.62	193.69
1596	6	121.51	42.21	282.66	48.17	232.72	110.63	43.04	276.59	48.81	222.87	98.67	44.31	269.24	49.95	209.46
1596	7	96.64	30.93	277.31	36.87	220.74	85.01	30.76	269.46	36.79	209.46	71.73	30.36	259.62	36.73	194.19
1629	6	123.96	43.43	282.99	49.54	233.13	113.19	44.38	276.93	50.28	223.29	101.45	45.86	269.60	51.58	209.89
1629	7	99.58	32.19	277.57	38.13	221.09	88.03	32.15	269.73	38.13	209.80	74.89	31.93	259.88	38.19	194.53
1630	6	124.53	43.72	283.05	49.87	233.22	113.79	44.70	276.99	50.63	223.38	102.10	46.23	269.65	51.97	209.98
1630	7	100.26	32.49	277.59	38.44	221.14	88.74	32.47	269.75	38.45	209.86	75.64	32.31	259.92	38.54	194.59
1642	6	121.34	42.12	282.65	48.08	232.70	110.45	42.95	276.58	48.71	222.85	98.47	44.20	269.22	49.84	209.44
1642	7	96.32	30.80	277.20	36.73	220.62	84.69	30.62	269.35	36.65	209.33	71.42	30.20	259.51	36.57	194.05
1643	6	124.09	43.50	282.99	49.62	233.15	113.33	44.46	276.93	50.36	223.31	101.60	45.94	269.60	51.67	209.91
1643	7	99.74	32.26	277.59	38.21	221.12	88.20	32.22	269.75	38.21	209.84	75.06	32.02	259.92	38.27	194.57
1644	6	121.88	42.39	282.73	48.37	232.80	111.01	43.24	276.67	49.02	222.95	99.09	44.54	269.33	50.19	209.54
1644	7	97.09	31.12	277.34	37.06	220.79	85.47	30.97	269.51	36.99	209.50	72.22	30.59	259.66	36.95	194.23
1708	0-3	128.35	44.85	294.66	51.18	242.32	117.15	45.87	287.89	51.97	231.73	105.00	47.44	279.64	53.38	217.36
1712	6	118.50	40.88	279.91	46.70	230.94	107.57	41.58	274.03	47.24	221.31	95.46	42.61	266.93	48.21	208.19
1712	7	92.05	29.15	272.98	35.07	217.12	80.50	28.84	265.26	34.90	205.98	67.27	28.23	255.56	34.70	190.91
2126	6	119.61	41.27	282.47	47.12	232.45	108.63	42.01	276.39	47.69	222.59	96.51	43.11	269.03	48.71	209.17
2126	7	94.13	29.89	276.79	35.84	220.21	82.46	29.62	268.95	35.70	208.93	69.11	29.07	259.11	35.55	193.67
2130	6	124.77	43.83	283.18	50.01	233.32	114.04	44.83	277.12	50.77	223.48	102.37	46.38	269.77	52.12	210.07
2130	7	100.55	32.61	277.69	38.56	221.23	89.03	32.61	269.85	38.58	209.94	75.94	32.46	260.00	38.69	194.67
2227	0-3	131.12	46.36	293.65	52.94	241.24	120.15	47.54	286.90	53.86	230.66	108.37	49.41	278.68	55.49	216.28
2228	0-3	129.55	45.56	293.27	52.03	240.85	118.50	46.67	286.54	52.89	230.27	106.59	48.40	278.31	54.42	215.90
2242	6	121.09	42.01	282.55	47.94	232.60	110.20	42.82	276.49	48.56	222.75	98.22	44.06	269.13	49.68	209.35
2242	7	96.04	30.68	277.06	36.62	220.49	84.41	30.50	269.22	36.53	209.20	71.13	30.06	259.37	36.45	193.93
2244	6	120.45	41.68	282.66	47.58	232.64	109.51	42.45	276.58	48.17	222.78	97.46	43.63	269.22	49.24	209.35
2244	7	95.25	30.35	277.05	36.29	220.47	83.59	30.12	269.22	36.18	209.18	70.27	29.63	259.37	36.07	193.91
2245	6	120.09	41.51	282.43	47.39	232.45	109.14	42.27	276.36	47.97	222.60	97.06	43.42	269.01	49.02	209.19
2245	7	94.75	30.14	276.88	36.09	220.31	83.10	29.91	269.05	35.97	209.03	69.77	29.39	259.21	35.84	193.76
2247	6	120.10	41.51	282.52	47.39	232.51	109.15	42.27	276.45	47.98	222.66	97.07	43.42	269.09	49.03	209.25
2247	7	94.74	30.14	276.90	36.08	220.32	83.08	29.90	269.06	35.96	209.03	69.75	29.38	259.23	35.83	193.77
2248	6	120.41	41.66	282.53	47.56	232.54	109.47	42.44	276.45	48.16	222.69	97.43	43.62	269.09	49.23	209.27
2248	7	95.16	30.31	277.00	36.25	220.41	83.51	30.09	269.16	36.14	209.13	70.19	29.59	259.31	36.03	193.85

Note. ECFs (10^-13 erg/sec/cm2 per 1 cnt/sec) are calculated in the following energy bands.
B = counts in 0.3-8.0 keV and flux in 0.3-8.0 keV
S = counts in 0.3-2.5 keV and flux in 0.5-2.0 keV
H = counts in 2.5-8.0 keV and flux in 2.0-8.0 keV
Sc = counts in 0.5-2.0 keV and flux in 0.5-2.0 keV
Hc = counts in 2.0-8.0 keV and flux in 2.0-8.0 keV

Table 7 ChaMP X-ray Sources

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J001758.9+163119	520	2	20	4.495466	16.522075	2.2	8.2	17.1	59.01	
CXOMP J001801.7+163426	520	2	17	4.507208	16.573914	1.8	8.6	18.9	58.85	
CXOMP J001807.2+163551	520	2	15	4.530175	16.597551	2.3	8.4	18.0	58.78	
CXOMP J001807.9+163120	520	2	5	4.533049	16.522306	1.1	6.1	9.2	61.40	
CXOMP J001808.5+163231	520	2	4	4.535688	16.542151	1.2	6.3	9.7	61.61	
CXOMP J001809.3+162532	520	3	10	4.538769	16.425648	1.4	7.2	12.7	54.50	
CXOMP J001810.2+163223	520	2	3	4.542675	16.539993	1.1	5.9	8.6	60.89	032
CXOMP J001810.2+162942	520	2	10	4.542813	16.495064	1.4	5.4	7.4	63.29	
CXOMP J001817.6+163107	520	2	2	4.573497	16.518677	1.0	3.8	4.2	65.27	
CXOMP J001818.0+163316	520	2	8	4.575296	16.554504	1.1	4.7	5.9	62.39	
CXOMP J001821.7+161941	520	3	9	4.590758	16.328226	2.9	10.7	28.8	51.51	
CXOMP J001825.0+163653	520	0	23	4.604235	16.614733	1.6	7.1	12.0	58.69	
CXOMP J001827.0+162900	520	3	4	4.612845	16.483385	1.0	1.7	3.0	60.45	
CXOMP J001828.5+162800	520	3	3	4.618802	16.466688	1.0	2.3	3.0	60.15	
CXOMP J001828.6+163418	520	0	8	4.619523	16.571732	1.0	4.3	5.2	58.49	
CXOMP J001831.4+162042	520	3	5	4.630925	16.345135	1.7	9.4	22.2	53.28	
CXOMP J001833.4+163154	520	0	3	4.639497	16.531778	1.0	1.8	3.0	64.21	
CXOMP J001836.8+163615	520	0	16	4.653358	16.604240	1.6	6.3	9.7	60.07	032
CXOMP J001837.3+163447	520	0	2	4.655755	16.579763	1.0	4.9	6.1	58.53	
CXOMP J001837.4+163046	520	1	2	4.656161	16.512894	1.0	1.3	3.0	67.02	
CXOMP J001837.4+163757	520	0	7	4.656184	16.632698	1.6	8.0	16.1	56.87	
CXOMP J001837.5+163610	520	0	14	4.656549	16.603050	1.6	6.2	9.6	60.28	032
CXOMP J001837.9+163910	520	0	13	4.658127	16.652940	2.0	9.2	21.4	55.63	
CXOMP J001838.1+163320	520	0	6	4.659020	16.555639	1.0	3.5	3.8	63.20	
CXOMP J001845.3+163528	520	0	10	4.689052	16.591274	1.8	6.2	9.5	59.57	
CXOMP J001845.7+163346	520	0	1	4.690596	16.562969	1.0	4.9	6.1	61.92	
CXOMP J001850.1+162756	520	1	1	4.708950	16.465687	1.0	4.7	5.8	62.97	
CXOMP J001853.5+162751	520	1	6	4.723330	16.464350	1.1	5.5	7.6	63.61	
CXOMP J001854.9+162952	520	1	5	4.728840	16.498003	1.1	5.3	7.3	62.55	
CXOMP J001859.8+162649	520	1	4	4.749342	16.447060	1.0	7.3	12.9	61.14	
CXOMP J001905.9+162842	520	1	12	4.774853	16.478407	2.1	8.1	16.4	59.25	
CXOMP J001909.2+163101	520	1	11	4.788618	16.517030	2.5	8.8	19.6	59.84	
CXOMP J005716.6-273230	2244	7	11	14.319263	-27.541681	1.2	5.0	6.5	6.45	
CXOMP J005717.9-271830	2242	7	3	14.324648	-27.308399	1.0	3.9	4.5	6.55	
CXOMP J005724.5-273201	2244	7	4	14.352160	-27.533709	1.0	3.5	3.8	6.83	052
CXOMP J005724.5-273201	2242	6	18	14.352332	-27.534007	3.2	9.8	24.0	9.53	052
CXOMP J005729.2-273043	2244	7	7	14.371962	-27.512104	1.0	3.5	3.8	6.73	
CXOMP J005730.8-273203	2244	7	3	14.378702	-27.534199	1.0	2.3	3.0	6.03	052
CXOMP J005730.8-273203	2242	6	5	14.378766	-27.533735	3.5	10.1	25.4	9.10	052
CXOMP J005732.8-273006	2244	7	6	14.386735	-27.501905	1.0	3.6	4.0	6.61	
CXOMP J005745.0-272922	2242	6	8	14.437648	-27.489685	2.8	9.2	21.6	9.53	
CXOMP J005759.9-272126	2245	7	1	14.499895	-27.357483	1.0	2.7	3.0	6.29	
CXOMP J005800.6-272741	2247	7	19	14.502738	-27.461517	1.5	6.1	9.2	9.72	
CXOMP J005803.4-272135	2245	7	2	14.514359	-27.359936	1.0	3.2	3.3	6.23	
CXOMP J005811.4-272635	2247	7	11	14.547684	-27.443153	1.0	4.6	5.8	10.06	055
CXOMP J005813.9-272549	2247	7	9	14.558322	-27.430428	1.2	4.9	6.2	10.03	
CXOMP J005814.6-275002	2248	7	15	14.560858	-27.834078	1.4	5.3	7.2	9.53	055
CXOMP J005819.9-272855	2247	7	2	14.583080	-27.482115	1.0	1.7	3.0	10.52	055
CXOMP J005827.9-275157	2248	7	3	14.616590	-27.865887	1.0	3.5	3.8	8.94	
CXOMP J005828.0-275125	2248	7	9	14.616721	-27.857054	1.0	3.1	3.1	9.53	
CXOMP J005828.4-273033	2247	7	1	14.618617	-27.509281	1.0	0.8	3.0	10.53	
CXOMP J005834.9-272713	2247	7	5	14.645507	-27.453680	1.0	3.2	3.4	10.49	
CXOMP J005836.1-275016	2248	7	1	14.650720	-27.838053	1.0	1.1	3.0	9.63	
CXOMP J010117.1+315050	521	0	7	15.321324	31.847488	2.0	10.3	26.5	39.35	
CXOMP J010117.5+315157	521	0	14	15.322988	31.865944	2.8	10.5	27.9	37.87	
CXOMP J010123.9+314607	521	0	6	15.349731	31.768690	1.0	8.6	19.0	38.84	055
CXOMP J010136.5+314655	521	0	5	15.402399	31.782181	1.1	5.8	8.6	42.51	032
CXOMP J010136.9+315327	521	0	11	15.403825	31.891090	2.0	7.8	15.4	41.41	
CXOMP J010141.0+314503	521	2	8	15.420858	31.751110	1.0	5.6	8.0	42.81	
CXOMP J010148.4+314653	521	0	1	15.451965	31.781589	1.0	3.4	3.6	40.11	
CXOMP J010148.5+315348	521	1	23	15.452453	31.896822	1.7	6.6	10.5	42.77	
CXOMP J010151.7+314407	521	2	7	15.465645	31.735369	1.1	4.6	5.8	43.25	
CXOMP J010200.9+315224	521	1	10	15.503939	31.873590	1.0	4.4	5.4	45.28	
CXOMP J010204.0+315325	521	1	8	15.516984	31.890284	1.1	5.4	7.4	42.83	
CXOMP J010204.1+313921	521	2	5	15.517450	31.655953	1.8	8.7	19.2	39.59	
CXOMP J010207.0+314050	521	2	3	15.529260	31.680677	1.4	7.2	12.8	40.80	
CXOMP J010208.3+315638	521	1	5	15.534861	31.943981	1.6	8.7	19.1	41.07	
CXOMP J010214.1+314201	521	2	1	15.559063	31.700552	1.2	6.4	10.0	41.50	
CXOMP J010220.4+315110	521	1	2	15.585252	31.853022	1.0	4.8	6.0	44.97	
CXOMP J010222.6+315305	521	1	13	15.594188	31.884857	1.9	6.5	10.2	43.71	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J010225.5+314353	521	3	3	15.606341	31.731667	1.6	6.2	9.6	41.03	
CXOMP J010229.7+314519	521	3	2	15.623787	31.755407	1.6	6.2	9.5	43.25	
CXOMP J010251.5+314553	521	3	6	15.714804	31.764746	2.7	10.4	27.4	38.53	
CXOMP J012357.0-350409	342	7	2	20.987835	-35.069344	1.0	0.8	3.0	5.19	
CXOMP J012401.2-350308	342	7	1	21.005379	-35.052269	1.0	2.1	3.0	5.54	
CXOMP J015216.9-140028	913	3	20	28.070610	-14.007917	2.6	8.9	20.1	30.37	
CXOMP J015223.8-135020	913	2	29	28.099213	-13.839054	2.4	8.6	18.8	30.94	
CXOMP J015229.4-135247	913	2	13	28.122820	-13.879922	1.5	6.0	8.9	31.87	
CXOMP J015234.7-135929	913	3	9	28.144835	-13.991418	1.1	4.7	5.9	33.02	055
CXOMP J015234.8-140205	913	3	8	28.145313	-14.034813	1.3	6.7	10.9	31.96	
CXOMP J015239.8-135740	913	3	3	28.166182	-13.961213	1.0	2.7	3.0	34.02	
CXOMP J015240.3-135044	913	2	10	28.168245	-13.845779	1.5	6.0	8.9	33.10	
CXOMP J015241.0-140008	913	3	6	28.170860	-14.002254	1.1	4.3	5.2	33.48	
CXOMP J015241.3-140205	913	3	13	28.172291	-14.034984	1.7	6.1	9.2	32.48	
CXOMP J015241.5-135919	913	3	2	28.173208	-13.988616	1.0	3.5	3.9	33.85	
CXOMP J015243.3-135034	913	2	16	28.180738	-13.842957	1.6	5.9	8.8	33.40	
CXOMP J015243.5-135053	913	2	15	28.181259	-13.848188	1.5	5.6	8.0	33.51	
CXOMP J015243.8-135900	913	3	1	28.182661	-13.983550	1.0	3.0	3.0	34.07	
CXOMP J015249.4-135439	913	2	1	28.205917	-13.911099	1.0	1.7	3.0	36.26	
CXOMP J015253.1-140405	913	1	9	28.221575	-14.068283	2.0	7.8	15.4	32.56	
CXOMP J015254.3-134759	913	2	14	28.226590	-13.799802	1.7	8.4	18.1	29.18	
CXOMP J015301.6-135603	913	0	1	28.256727	-13.934242	1.0	3.0	3.0	36.07	
CXOMP J015302.0-135023	913	0	5	28.258547	-13.839807	1.3	6.7	10.7	33.21	
CXOMP J015308.0-135801	913	1	3	28.283611	-13.966946	1.0	4.9	6.1	32.08	
CXOMP J015309.9-135221	913	0	9	28.291452	-13.872531	1.2	6.4	10.0	33.44	
CXOMP J015311.1-135104	913	0	3	28.296457	-13.851215	1.3	7.5	13.8	32.37	
CXOMP J015312.3-135723	913	1	1	28.301664	-13.956544	1.1	5.7	8.2	33.94	
CXOMP J015314.8-135729	913	1	11	28.312067	-13.958076	1.8	6.3	9.8	32.21	
CXOMP J015316.0-140317	913	1	10	28.316679	-14.054816	3.0	9.5	22.9	31.76	
CXOMP J023208.6-211723	1642	7	14	38.036221	-21.289995	1.6	6.3	9.7	7.81	055
CXOMP J023212.4-211651	1642	7	12	38.051872	-21.281101	1.4	5.4	7.5	7.92	
CXOMP J023229.6-211816	1642	7	5	38.123459	-21.304445	1.0	1.8	3.0	8.04	
CXOMP J023230.3-211757	1642	7	4	38.126656	-21.299187	1.0	1.4	3.0	8.00	
CXOMP J023251.6-211720	1642	6	2	38.215107	-21.289042	1.0	3.7	4.2	9.16	
CXOMP J030504.8+171654	525	2	6	46.270382	17.281847	1.8	6.6	10.6	8.83	
CXOMP J030512.4+171731	525	2	3	46.302051	17.292082	1.1	5.6	8.1	8.82	032 055
CXOMP J030512.9+171726	525	2	2	46.304092	17.290733	1.1	5.5	7.7	8.94	032
CXOMP J030546.9+171403	525	1	1	46.445660	17.234329	1.1	4.5	5.5	9.60	
CXOMP J030601.3+171830	525	0	1	46.505539	17.308420	2.2	9.4	22.5	8.78	
CXOMP J030610.7+171105	525	1	2	46.544598	17.184988	2.7	10.4	27.1	8.40	
CXOMP J033717.0-050455	796	3	22	54.321077	-5.082092	1.4	7.3	13.1	41.79	
CXOMP J033718.4-050214	796	2	10	54.326962	-5.037263	1.7	6.5	10.2	37.78	032
CXOMP J033722.6-045905	796	2	9	54.344540	-4.984970	1.2	6.3	9.8	38.06	
CXOMP J033723.1-045602	796	2	8	54.346371	-4.934000	1.7	8.2	17.2	37.62	
CXOMP J033723.8-045832	796	2	6	54.349346	-4.975650	1.9	6.4	9.9	39.37	
CXOMP J033734.5-050237	796	3	14	54.393867	-5.043724	1.0	2.5	3.0	45.93	
CXOMP J033737.3-050427	796	3	7	54.405609	-5.074291	1.0	2.8	3.0	45.91	
CXOMP J033738.5-050236	796	3	6	54.410423	-5.043489	1.0	1.5	3.0	46.16	
CXOMP J033740.0-050415	796	3	5	54.416779	-5.071037	1.0	2.2	3.0	46.37	
CXOMP J033742.0-045704	796	2	1	54.425018	-4.951120	1.0	5.3	7.2	40.61	
CXOMP J033742.7-050253	796	3	4	54.428188	-5.048207	1.0	0.7	3.0	46.87	
CXOMP J033743.9-050525	796	3	2	54.432991	-5.090484	1.0	3.1	3.1	46.16	
CXOMP J033750.1-050817	796	1	20	54.458889	-5.138123	1.5	6.1	9.3	44.43	
CXOMP J033751.2-050050	796	0	1	54.463482	-5.013983	1.0	2.2	3.0	48.22	
CXOMP J033752.4-045549	796	0	5	54.468536	-4.930296	1.3	6.8	11.0	42.97	
CXOMP J033753.0-050613	796	1	7	54.470871	-5.103690	1.1	4.4	5.4	46.79	
CXOMP J033753.4-050319	796	1	6	54.472572	-5.055505	1.0	2.4	3.0	48.09	
CXOMP J033756.2-045509	796	0	12	54.484440	-4.919360	1.9	7.7	15.0	43.53	
CXOMP J033756.8-050047	796	0	3	54.486862	-5.013150	1.0	3.4	3.7	47.56	
CXOMP J033757.8-050000	796	0	2	54.491211	-5.000161	1.0	4.1	4.8	46.99	
CXOMP J033800.3-050953	796	1	13	54.501392	-5.164777	1.8	8.5	18.6	40.97	
CXOMP J033800.4-050811	796	1	12	54.501812	-5.136513	1.3	7.1	12.1	44.56	
CXOMP J033804.2-050312	796	1	2	54.517540	-5.053490	1.0	5.0	6.4	43.02	
CXOMP J033812.3-050252	796	1	1	54.551628	-5.047881	1.6	7.0	11.6	42.68	
CXOMP J033904.4-352512	624	7	43	54.768444	-35.420162	2.1	6.7	10.9	33.90	032
CXOMP J033906.9-352428	624	7	42	54.779095	-35.407947	1.6	6.4	10.0	36.70	
CXOMP J033907.0-352518	624	7	44	54.779282	-35.421669	1.8	6.2	9.5	36.79	
CXOMP J033909.6-352707	624	7	39	54.790318	-35.452042	1.1	5.7	8.1	36.52	
CXOMP J033911.0-352432	624	7	33	54.795910	-35.409103	1.2	5.6	7.9	37.78	
CXOMP J033912.0-352612	624	7	45	54.800041	-35.436703	1.2	5.1	39.4	37.03	051

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J033914.8-352413	624	7	41	54.811684	-35.403797	1.2	5.0	6.4	39.06	
CXOMP J033915.9-352535	624	7	32	54.816654	-35.426643	1.1	4.3	5.3	40.17	
CXOMP J033917.6-352529	624	7	31	54.823448	-35.424904	1.0	4.0	4.7	40.41	
CXOMP J033918.3-352807	624	7	30	54.826393	-35.468758	1.0	4.3	5.1	34.51	
CXOMP J033922.4-352529	624	7	28	54.843426	-35.424919	1.0	3.1	3.1	40.66	
CXOMP J033924.5-352319	624	7	26	54.852238	-35.388622	1.0	3.9	4.5	40.83	
CXOMP J033925.5-352123	624	7	37	54.856518	-35.356533	1.3	5.4	7.4	38.82	
CXOMP J033926.6-352409	624	7	10	54.861172	-35.402771	1.0	3.0	3.0	39.72	
CXOMP J033927.5-352449	624	7	9	54.864769	-35.413803	1.0	2.4	3.0	33.92	
CXOMP J033930.7-352610	624	7	8	54.878063	-35.436329	1.0	1.3	3.0	39.54	
CXOMP J033931.7-352745	624	7	7	54.882137	-35.462646	1.0	1.9	3.0	36.65	
CXOMP J033935.1-352132	624	7	21	54.896370	-35.359135	1.0	4.7	5.9	36.90	
CXOMP J033935.1-352351	624	7	5	54.896473	-35.397663	1.0	2.4	3.0	38.98	055
CXOMP J033938.2-352351	624	7	3	54.909321	-35.397751	1.0	2.4	3.0	38.97	
CXOMP J033939.7-352342	624	7	17	54.915466	-35.395271	1.0	2.6	3.0	39.04	
CXOMP J033940.2-353040	624	6	9	54.917507	-35.511211	1.0	4.5	5.5	39.19	
CXOMP J033942.8-352409	624	7	2	54.928722	-35.402687	1.0	2.4	3.0	39.99	
CXOMP J033945.8-352918	624	6	6	54.940987	-35.488461	1.0	3.5	3.9	39.57	
CXOMP J033949.7-352348	624	7	13	54.957394	-35.396904	1.0	3.5	3.9	39.47	055
CXOMP J033950.5-352537	624	6	1	54.960686	-35.426945	1.0	2.8	3.0	39.82	
CXOMP J034003.3-352505	624	6	13	55.013989	-35.418270	1.2	5.5	7.6	37.43	
CXOMP J034004.4-353009	624	6	19	55.018623	-35.502766	1.5	6.8	11.1	36.90	
CXOMP J034015.4-352848	624	6	2	55.064327	-35.480183	1.0	8.2	17.1	34.63	031
CXOMP J034016.6-352937	624	6	17	55.069451	-35.493666	2.5	8.7	19.4	35.51	
CXOMP J034026.5-352733	624	6	20	55.110691	-35.459381	2.5	10.2	26.0	34.00	031
CXOMP J045353.9-030250	902	7	22	73.474762	-3.047253	1.6	6.2	9.4	35.58	
CXOMP J045355.6-030408	902	7	27	73.481911	-3.069094	2.1	6.8	11.0	38.73	
CXOMP J045356.3-025837	902	7	6	73.484863	-2.976972	1.0	4.1	4.9	36.18	
CXOMP J045356.7-030225	902	7	26	73.486641	-3.040452	1.4	5.4	7.3	39.96	
CXOMP J045407.1-025400	902	6	2	73.529610	-2.900269	1.0	5.1	6.6	40.08	
CXOMP J045409.5-024855	902	6	13	73.539617	-2.815420	3.4	10.0	25.0	36.55	
CXOMP J045418.4-025202	902	6	10	73.577072	-2.867245	1.6	7.0	11.7	39.57	
CXOMP J045419.2-030519	902	7	23	73.580101	-3.088755	1.8	6.6	10.6	36.91	
CXOMP J045419.6-030419	902	7	4	73.581932	-3.072195	1.0	5.7	8.3	38.21	
CXOMP J045421.9-025815	902	7	3	73.591576	-2.970964	1.0	2.4	3.0	39.67	
CXOMP J045422.1-025124	902	6	3	73.592162	-2.856893	1.4	7.8	15.4	38.92	
CXOMP J045422.6-030034	902	7	2	73.594269	-3.009630	1.0	3.0	3.0	39.16	
CXOMP J045424.7-025849	902	7	1	73.603287	-2.980325	1.0	3.0	3.0	38.98	
CXOMP J045426.1-030012	902	7	7	73.608810	-3.003472	1.0	3.6	3.9	38.80	
CXOMP J051921.4-454233	346	7	19	79.839455	-45.709431	1.4	5.8	8.4	23.46	
CXOMP J051926.2-454554	346	7	6	79.859459	-45.765072	1.0	3.5	3.8	24.92	034
CXOMP J051929.4-454852	346	7	17	79.872665	-45.814571	1.0	3.8	4.3	24.58	
CXOMP J051930.1-454005	346	7	44	79.875694	-45.668220	2.2	6.9	11.3	23.62	
CXOMP J051945.9-454502	346	7	4	79.941475	-45.750652	1.0	1.4	3.0	24.24	
CXOMP J051958.8-454342	346	7	7	79.995163	-45.728504	1.0	3.5	3.8	24.39	
CXOMP J051959.0-454449	346	7	1	79.995850	-45.747116	1.0	2.8	3.0	24.39	055
CXOMP J054211.2-405749	914	2	23	85.546875	-40.963787	1.7	7.2	12.6	38.84	
CXOMP J054218.3-410021	914	2	15	85.576256	-41.005936	1.5	6.0	9.0	41.21	
CXOMP J054219.5-405506	914	2	14	85.581528	-40.918465	1.5	6.7	10.7	39.66	
CXOMP J054224.2-410141	914	2	12	85.601151	-41.028256	1.3	5.5	7.7	40.75	
CXOMP J054225.9-405846	914	2	4	85.608086	-40.979599	1.0	4.4	5.3	43.24	
CXOMP J054228.1-405556	914	2	9	85.617165	-40.932468	1.1	4.9	6.2	43.18	
CXOMP J054230.5-410405	914	3	22	85.627457	-41.068073	1.4	6.3	9.8	44.26	
CXOMP J054232.8-405627	914	2	7	85.637009	-40.941055	1.0	3.8	4.4	43.95	
CXOMP J054234.1-405836	914	2	3	85.642143	-40.976887	1.0	2.8	3.0	42.69	
CXOMP J054237.6-405540	914	0	7	85.656975	-40.928021	1.0	3.8	4.3	47.54	
CXOMP J054239.0-410438	914	3	21	85.662766	-41.077278	1.5	6.1	9.3	44.26	
CXOMP J054240.8-405626	914	0	2	85.670067	-40.940655	1.0	2.8	3.0	45.59	
CXOMP J054240.8-405514	914	0	1	85.670402	-40.920643	1.0	3.9	24.6	47.53	051
CXOMP J054242.5-405834	914	2	2	85.677147	-40.976131	1.0	1.2	3.0	43.49	055
CXOMP J054245.6-410607	914	3	11	85.690102	-41.101963	1.7	7.3	13.2	42.46	
CXOMP J054246.0-405803	914	2	1	85.691803	-40.967533	1.0	0.9	3.0	44.80	
CXOMP J054248.2-410140	914	3	4	85.701202	-41.027866	1.0	2.9	3.0	47.56	
CXOMP J054248.5-405310	914	0	4	85.702248	-40.886269	1.1	5.6	8.0	45.34	
CXOMP J054251.4-410205	914	3	3	85.714455	-41.034790	1.0	3.3	3.5	47.24	
CXOMP J054255.0-405956	914	3	1	85.729485	-40.999107	1.0	1.6	3.0	48.60	
CXOMP J054259.5-410241	914	3	8	85.748146	-41.044861	1.0	4.4	5.3	44.79	
CXOMP J054304.3-410313	914	3	7	85.768158	-41.053886	1.0	5.3	7.2	45.25	
CXOMP J054313.5-410352	914	3	6	85.806252	-41.064472	1.5	6.9	11.2	44.92	
CXOMP J054319.2-405750	914	1	2	85.830246	-40.964035	1.0	5.8	8.4	46.64	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J054320.2-410154	914	1	1	85.834518	-41.031685	1.0	6.7	10.7	44.61	055
CXOMP J054320.6-405619	914	1	18	85.835983	-40.938873	1.4	6.5	10.2	46.36	
CXOMP J054330.4-405746	914	1	15	85.876968	-40.963051	2.0	7.9	15.7	44.86	
CXOMP J074052.3+310824	377	7	28	115.218147	31.140045	1.5	5.9	8.8	25.60	
CXOMP J074056.1+311208	377	7	14	115.233932	31.202391	1.0	3.4	3.6	25.70	
CXOMP J074103.7+311103	377	7	6	115.265549	31.184227	1.0	2.3	3.0	26.12	
CXOMP J074108.8+311346	377	7	4	115.286758	31.229574	1.0	1.3	3.0	26.16	
CXOMP J074112.7+310849	377	7	9	115.302971	31.147112	1.0	3.8	4.3	26.52	
CXOMP J074116.4+310929	377	7	8	115.318512	31.158056	1.0	3.3	3.4	25.93	
CXOMP J074118.8+311434	377	6	1	115.328621	31.242891	1.0	2.5	3.0	26.04	
CXOMP J074119.9+310830	377	7	18	115.332962	31.141764	1.1	4.4	5.4	26.03	055
CXOMP J082726.2+291601	838	7	6	126.859497	29.266994	1.0	3.3	3.5	9.93	
CXOMP J082732.5+291821	838	7	1	126.885590	29.305916	1.0	1.6	3.0	9.72	
CXOMP J082737.7+291526	838	7	3	126.907433	29.257473	1.0	4.6	5.6	9.62	
CXOMP J083117.9+524111	1643	7	8	127.824699	52.686630	1.7	6.1	9.1	6.30	055
CXOMP J083205.2+524351	1643	7	2	128.022034	52.731091	1.0	3.8	4.3	6.35	
CXOMP J084030.4+130932	2130	7	16	130.127029	13.159110	1.0	5.7	8.2	20.82	
CXOMP J084030.9+131015	2130	7	15	130.128937	13.170974	1.2	5.2	6.9	22.07	
CXOMP J084036.7+131525	2130	7	21	130.153290	13.257045	1.0	3.9	4.5	19.09	
CXOMP J084039.0+130916	2130	7	13	130.162872	13.154683	1.0	4.4	5.4	22.29	
CXOMP J084039.7+131344	2130	7	12	130.165527	13.229069	1.0	2.4	3.0	22.33	
CXOMP J084040.8+131726	2130	6	8	130.170090	13.290732	1.0	4.9	6.3	29.02	055
CXOMP J084043.1+131823	2130	6	15	130.179977	13.306428	1.2	5.6	8.0	28.65	
CXOMP J084043.4+131305	2130	7	3	130.181183	13.218262	1.0	1.4	3.0	21.34	
CXOMP J084044.7+130713	2130	7	20	130.186432	13.120320	1.2	5.8	8.6	20.83	
CXOMP J084044.8+130806	2130	7	10	130.186844	13.135134	1.2	5.0	6.3	21.73	055
CXOMP J084052.1+131822	2130	6	13	130.217178	13.306371	1.1	5.5	7.7	28.70	
CXOMP J084054.3+131456	2130	6	1	130.226257	13.249061	1.0	2.3	3.0	30.74	
CXOMP J084055.8+130800	2130	7	19	130.232681	13.133582	1.3	5.2	6.9	21.34	
CXOMP J084102.5+131313	2130	7	4	130.260773	13.220393	1.0	3.3	3.4	21.34	
CXOMP J084812.3+445656	927	1	16	132.051447	44.948927	1.4	7.9	15.6	110.78	052
CXOMP J084812.3+445656	1708	1	15	132.051727	44.948727	1.5	7.9	15.6	55.42	052
CXOMP J084818.4+444844	927	0	11	132.076931	44.812405	1.8	8.7	19.1	105.18	052
CXOMP J084818.4+444844	1708	0	10	132.077240	44.812431	2.4	8.7	19.1	51.67	052
CXOMP J084821.0+445647	1708	1	13	132.087662	44.946369	1.9	6.4	9.9	55.06	052
CXOMP J084821.0+445647	927	1	15	132.087799	44.946499	1.9	6.4	9.9	109.43	052
CXOMP J084822.2+445627	927	1	14	132.092606	44.941071	1.1	6.1	9.2	113.94	052
CXOMP J084822.2+445627	1708	1	7	132.092880	44.941113	1.3	6.1	9.1	56.85	052
CXOMP J084825.2+444807	1708	0	9	132.104828	44.802193	1.7	8.3	17.5	53.38	052
CXOMP J084825.2+444807	927	0	9	132.105148	44.802105	1.7	8.3	17.4	107.28	052
CXOMP J084827.2+445433	1708	0	6	132.113434	44.909412	1.0	4.9	6.2	55.50	052
CXOMP J084827.2+445433	927	0	8	132.113571	44.909416	1.0	4.9	6.2	111.50	052
CXOMP J084827.5+445604	927	1	21	132.114914	44.934483	1.2	5.0	6.5	112.72	
CXOMP J084830.2+445605	927	1	20	132.126221	44.934875	1.1	4.6	5.7	117.56	
CXOMP J084831.5+445343	927	0	7	132.131302	44.895306	1.1	4.2	5.0	119.88	
CXOMP J084836.2+445250	927	0	2	132.151108	44.880768	1.0	3.7	4.1	116.80	052
CXOMP J084836.2+445250	1708	0	4	132.151154	44.880817	1.0	3.7	4.1	57.21	052
CXOMP J084837.0+444818	1708	0	3	132.154221	44.805149	1.2	7.0	11.7	54.50	052
CXOMP J084837.0+444818	927	0	6	132.154312	44.805145	1.0	7.0	11.7	109.66	052
CXOMP J084837.5+445710	927	1	3	132.156647	44.953003	1.0	4.0	4.7	119.30	
CXOMP J084837.7+445744	927	1	10	132.157196	44.962425	1.1	4.4	5.3	118.26	
CXOMP J084837.9+445352	927	0	5	132.158020	44.897800	1.0	3.1	3.0	113.23	
CXOMP J084840.3+445800	1708	1	1	132.168076	44.966698	1.0	4.3	5.2	57.91	052
CXOMP J084840.3+445800	927	1	2	132.168091	44.966698	1.0	4.3	5.2	115.19	052
CXOMP J084840.5+445731	927	1	1	132.169067	44.958885	1.0	3.9	4.5	116.54	052
CXOMP J084840.5+445731	1708	1	4	132.169098	44.958843	1.0	3.9	4.5	58.08	052
CXOMP J084846.0+445944	1708	1	9	132.191864	44.995941	1.4	5.4	7.5	55.58	052
CXOMP J084846.0+445944	927	1	5	132.191971	44.995827	1.1	5.4	7.5	113.36	052
CXOMP J084846.6+445358	927	0	1	132.194183	44.899567	1.0	1.6	3.0	121.15	
CXOMP J084854.0+450230	1708	1	8	132.225204	45.041901	1.6	8.0	16.0	54.70	052
CXOMP J084854.0+450230	927	1	17	132.225311	45.041840	1.6	8.0	16.0	109.04	052
CXOMP J084854.4+445149	1708	2	3	132.226761	44.863632	1.0	2.7	3.0	55.68	052
CXOMP J084854.4+445149	927	2	4	132.226807	44.863663	1.0	2.7	3.0	118.58	052
CXOMP J084856.7+445225	1708	2	2	132.236359	44.873718	1.0	2.2	3.0	54.07	052
CXOMP J084856.7+445225	927	2	3	132.236374	44.873718	1.0	2.2	3.0	113.89	052
CXOMP J084857.7+445607	927	3	5	132.240463	44.935539	1.0	1.7	3.0	122.76	
CXOMP J084858.0+445434	1708	3	4	132.242020	44.909508	1.0	0.6	3.0	59.04	052
CXOMP J084858.0+445434	927	3	4	132.242050	44.909504	1.0	0.6	3.0	121.45	052 055
CXOMP J084900.4+444702	927	2	12	132.251938	44.783909	1.0	7.6	14.3	109.71	052
CXOMP J084900.4+444702	1708	2	7	132.251999	44.783920	1.3	7.6	14.4	52.21	052

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J084902.2+450003	927	3	24	132.259415	45.001099	1.1	5.7	8.2	115.48	052
CXOMP J084902.2+450003	1708	3	14	132.259491	45.001019	1.2	5.7	8.1	56.21	052
CXOMP J084902.4+445705	1708	3	3	132.260315	44.951428	1.0	2.9	3.0	58.50	052
CXOMP J084902.4+445705	927	3	3	132.260330	44.951397	1.0	2.9	3.0	120.20	052
CXOMP J084902.5+450039	1708	3	13	132.260361	45.010998	1.2	6.3	9.6	55.49	052
CXOMP J084902.5+450039	927	3	22	132.260483	45.010963	1.1	6.3	9.6	114.17	052
CXOMP J084904.5+445320	927	2	2	132.269104	44.889061	1.0	2.1	3.0	121.70	052
CXOMP J084904.5+445320	1708	2	1	132.269135	44.889046	1.0	2.1	3.0	57.94	052
CXOMP J084905.0+445713	1708	3	2	132.270935	44.953880	1.0	3.2	3.3	57.89	052
CXOMP J084905.0+445713	927	3	2	132.270981	44.953857	1.0	3.2	3.3	119.01	052
CXOMP J084905.2+445202	927	2	1	132.272049	44.867481	1.0	3.1	3.1	119.99	
CXOMP J084907.2+445813	927	3	16	132.280090	44.970398	1.1	4.3	5.1	117.45	
CXOMP J084908.3+445809	927	3	15	132.284638	44.969364	1.0	4.3	5.2	111.39	
CXOMP J084908.6+445842	927	3	14	132.285980	44.978352	1.1	4.8	6.1	111.49	
CXOMP J084909.1+450025	1708	3	21	132.287781	45.007019	1.7	6.4	10.0	55.59	052
CXOMP J084909.1+450025	927	3	13	132.288040	45.007061	1.7	6.4	10.0	114.80	052
CXOMP J084911.3+445007	1708	2	14	132.296753	44.834923	1.3	5.3	7.3	52.44	052
CXOMP J084911.3+445007	927	2	8	132.297089	44.835533	1.1	5.3	7.2	110.01	052
CXOMP J084913.6+445007	927	2	21	132.306763	44.835323	1.5	5.6	7.8	102.63	
CXOMP J084919.5+445706	927	3	9	132.331329	44.951927	1.1	5.1	6.6	108.95	032 052
CXOMP J084919.5+445706	1708	3	8	132.331360	44.952164	1.2	5.1	6.7	52.98	052
CXOMP J084922.5+445355	1708	3	7	132.343857	44.898865	1.0	5.0	6.3	55.42	052
CXOMP J084922.5+445355	927	3	8	132.343872	44.898876	1.0	5.0	6.3	113.88	052
CXOMP J084923.2+445249	1708	2	10	132.346863	44.880470	1.3	5.3	7.3	52.84	052
CXOMP J084923.2+445249	927	2	7	132.346909	44.880459	1.0	5.3	7.3	110.79	052
CXOMP J084925.3+444820	927	2	6	132.355438	44.805565	1.7	8.2	17.3	106.71	052
CXOMP J084925.3+444820	1708	2	9	132.355499	44.805389	2.2	8.3	17.3	51.00	052
CXOMP J084927.7+445456	1708	3	1	132.365555	44.915833	1.0	5.9	8.6	54.44	052
CXOMP J084927.7+445456	927	3	1	132.365616	44.915749	1.0	5.9	8.6	111.33	052
CXOMP J084930.4+445225	927	2	15	132.376968	44.873867	1.5	6.7	10.7	111.19	
CXOMP J084931.1+445954	927	3	32	132.379912	44.998375	1.7	8.4	17.8	108.29	052
CXOMP J084931.1+445954	1708	3	17	132.380096	44.998249	2.2	8.4	17.9	52.70	052
CXOMP J084931.3+445548	927	3	7	132.380707	44.930233	1.4	6.6	10.5	109.73	
CXOMP J084940.0+445818	1708	3	16	132.416701	44.971894	2.5	8.8	19.9	51.99	
CXOMP J084943.6+450024	927	3	6	132.432022	45.006802	1.0	10.5	27.5	103.26	052
CXOMP J084943.6+450024	1708	3	6	132.432254	45.006462	1.0	10.4	27.5	50.22	052 055
CXOMP J090512.1+340705	1596	7	10	136.300766	34.118214	1.0	4.7	5.9	9.34	055
CXOMP J090513.6+341014	1596	7	9	136.306732	34.170792	1.0	4.1	4.9	8.53	
CXOMP J090516.6+340921	1596	7	2	136.319412	34.155998	1.0	3.3	3.5	9.26	
CXOMP J090533.1+340458	1596	7	6	136.388245	34.083034	1.0	4.1	4.9	9.39	
CXOMP J090536.8+340512	1596	7	5	136.403412	34.086670	1.0	4.0	4.7	9.40	
CXOMP J090543.5+340921	1596	7	4	136.431473	34.155956	1.0	2.2	3.0	9.28	
CXOMP J090545.0+340736	1596	7	3	136.437744	34.126678	1.0	3.0	3.0	9.17	
CXOMP J090927.5+542125	2227	0	16	137.364874	54.357188	2.2	10.6	28.4	89.00	
CXOMP J090930.9+542344	2227	1	8	137.378971	54.395676	2.2	10.7	28.9	83.19	
CXOMP J090941.7+542244	2227	1	17	137.424031	54.379038	2.6	8.9	20.3	84.01	
CXOMP J090941.8+542621	2227	1	15	137.424268	54.439263	4.0	10.6	28.4	83.08	
CXOMP J090945.2+542356	2227	1	14	137.438431	54.399040	2.6	8.9	20.2	85.01	
CXOMP J090951.3+542654	2227	1	16	137.463913	54.448345	3.4	9.9	24.8	83.51	
CXOMP J090955.9+542915	2227	1	3	137.483032	54.487644	1.0	11.3	32.0	80.75	031 055
CXOMP J090956.6+541331	2227	0	9	137.485847	54.225491	2.6	9.0	20.5	92.00	
CXOMP J091004.7+542049	2227	0	4	137.519699	54.347130	1.1	5.2	6.9	100.62	
CXOMP J091009.6+541505	2227	2	46	137.540375	54.251415	1.7	6.5	10.3	93.76	
CXOMP J091011.0+542721	2227	1	2	137.546204	54.456036	1.0	8.5	18.6	86.41	055
CXOMP J091014.3+541255	2227	2	28	137.559677	54.215332	1.0	7.9	15.8	90.91	
CXOMP J091017.4+541756	2227	2	8	137.572723	54.299129	1.0	3.8	4.3	99.81	055
CXOMP J091018.4+541315	2227	2	39	137.576920	54.220955	1.7	7.3	13.3	88.92	
CXOMP J091020.7+541848	2227	2	7	137.586639	54.313561	1.0	3.0	3.0	101.39	
CXOMP J091023.3+541358	2227	2	26	137.597366	54.233025	1.2	6.4	10.0	93.95	
CXOMP J091026.9+541241	2227	2	23	137.612213	54.211498	1.0	7.5	13.8	89.89	
CXOMP J091027.0+542054	2227	3	13	137.612534	54.348415	1.0	2.1	3.0	104.13	
CXOMP J091028.9+541523	2227	2	6	137.620789	54.256607	1.0	4.8	6.0	96.83	
CXOMP J091029.0+542717	2227	1	1	137.620911	54.454758	1.0	7.5	14.1	85.66	031
CXOMP J091029.7+542748	2227	1	4	137.623940	54.463355	1.6	8.0	16.3	85.25	031
CXOMP J091030.9+541914	2227	2	5	137.628952	54.320675	1.0	1.4	3.0	98.41	
CXOMP J091031.7+542024	2227	3	11	137.632248	54.340176	1.0	1.3	3.0	104.47	
CXOMP J091032.9+541246	2227	2	35	137.637146	54.212898	1.7	7.2	12.7	87.91	
CXOMP J091037.8+541543	2227	2	3	137.657715	54.262188	1.0	4.2	5.0	92.14	
CXOMP J091037.9+541608	2227	2	22	137.658081	54.268902	1.0	3.8	4.3	97.02	
CXOMP J091038.5+542025	2227	3	10	137.660812	54.340473	1.0	0.5	3.0	104.85	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J091039.0+541318	2227	2	34	137.662735	54.221939	1.4	6.6	10.5	93.05	
CXOMP J091039.8+542032	2227	3	9	137.665924	54.342323	1.0	0.6	3.0	104.59	
CXOMP J091040.0+542259	2227	3	31	137.667053	54.383106	1.0	3.1	3.1	104.63	
CXOMP J091041.4+541945	2227	3	8	137.672882	54.329304	1.0	0.3	3.0	91.41	
CXOMP J091041.9+542340	2227	3	7	137.674912	54.394562	1.0	3.8	4.3	102.07	
CXOMP J091041.9+542127	2227	3	29	137.674927	54.357613	1.0	1.6	3.0	104.60	
CXOMP J091044.7+542408	2227	3	5	137.686508	54.402424	1.0	4.3	5.2	101.21	
CXOMP J091045.7+542019	2227	3	4	137.690552	54.338738	1.0	1.0	3.0	104.73	055
CXOMP J091047.5+541446	2227	2	16	137.698105	54.246311	1.4	5.3	7.1	93.74	
CXOMP J091047.6+541505	2227	2	15	137.698456	54.251587	1.2	5.0	6.3	93.19	
CXOMP J091052.5+541812	2227	2	2	137.718903	54.303371	1.0	2.5	3.0	97.73	
CXOMP J091052.9+541700	2227	2	14	137.720474	54.283558	1.0	3.5	3.8	96.68	
CXOMP J091054.6+541322	2227	2	12	137.727661	54.222889	1.3	6.9	11.3	91.97	
CXOMP J091057.0+542341	2227	3	24	137.737686	54.394787	1.0	4.5	5.6	95.15	
CXOMP J091059.4+541715	2227	2	1	137.747742	54.287502	1.0	3.9	4.5	95.61	
CXOMP J091100.3+542540	2227	3	23	137.751358	54.427994	1.2	6.5	10.3	90.48	
CXOMP J091105.8+542333	2227	3	1	137.774445	54.392628	1.0	5.3	7.1	98.73	
CXOMP J091106.9+542510	2227	3	21	137.778809	54.419502	1.2	6.6	10.4	96.16	
CXOMP J091108.5+541752	2227	2	9	137.785629	54.297913	1.0	4.7	5.8	95.06	055
CXOMP J091109.1+054821	419	7	26	137.788117	5.805998	1.3	5.5	7.7	23.40	
CXOMP J091110.3+541920	2227	3	17	137.792938	54.322350	1.0	4.5	5.5	98.38	
CXOMP J091111.4+054643	419	7	25	137.797668	5.778629	1.7	6.1	9.2	23.25	
CXOMP J091112.8+542306	2227	3	15	137.803482	54.385075	1.1	5.8	8.4	97.27	032
CXOMP J091114.0+054649	419	7	29	137.808640	5.780432	1.5	5.6	7.9	23.45	
CXOMP J091119.7+055326	419	7	15	137.832382	5.890579	1.0	3.2	3.2	19.04	055
CXOMP J091122.4+055225	419	7	8	137.843552	5.873865	1.0	2.0	3.0	23.70	
CXOMP J091122.4+054830	419	7	7	137.843658	5.808358	1.0	3.0	3.0	23.76	052
CXOMP J091122.4+054830	1629	7	9	137.843918	5.808599	1.0	3.3	3.4	8.99	052
CXOMP J091122.6+054953	419	7	6	137.844574	5.831514	1.0	1.9	3.0	23.60	
CXOMP J091127.7+054925	419	7	3	137.865463	5.823759	1.0	1.7	3.0	23.52	
CXOMP J091128.0+054546	419	7	18	137.866806	5.762958	1.4	5.3	7.3	22.58	
CXOMP J091129.8+054755	419	7	1	137.874435	5.798751	1.0	3.2	3.3	24.24	052
CXOMP J091129.8+054755	1629	7	4	137.874451	5.799196	1.0	3.5	3.8	8.94	052
CXOMP J091140.7+055258	1629	6	1	137.919617	5.882923	1.0	3.4	3.6	9.23	055
CXOMP J093102.1+791324	839	6	18	142.758820	79.223343	1.5	7.6	59.0	16.50	051
CXOMP J093131.7+790538	839	7	13	142.882187	79.094162	1.0	3.2	3.3	16.48	
CXOMP J093158.9+791122	839	6	4	142.995773	79.189590	1.0	4.6	5.7	17.52	
CXOMP J093200.3+790415	839	7	6	143.001572	79.070961	1.0	3.2	3.3	16.40	
CXOMP J093213.2+791026	839	6	3	143.055100	79.174110	1.0	3.5	3.8	17.96	
CXOMP J093219.5+791258	839	6	8	143.081345	79.216141	1.3	5.9	8.8	17.24	
CXOMP J093230.0+790231	839	7	12	143.125305	79.042000	1.0	4.6	5.6	16.63	
CXOMP J093242.2+790704	839	7	4	143.176071	79.117836	1.0	0.4	3.0	16.28	
CXOMP J093245.2+790819	839	7	3	143.188431	79.138886	1.0	1.4	3.0	16.54	
CXOMP J093301.0+551355	805	6	10	143.254532	55.232063	2.0	7.9	15.9	34.63	
CXOMP J093323.1+790111	839	7	16	143.346390	79.019752	1.4	6.4	9.9	15.45	055
CXOMP J093325.7+551041	805	6	6	143.357178	55.178314	1.2	5.9	8.7	33.36	
CXOMP J093326.8+790804	839	7	2	143.361939	79.134613	1.0	2.7	3.0	16.04	
CXOMP J093336.4+551455	805	6	1	143.402069	55.248714	1.0	2.9	3.0	38.46	
CXOMP J093340.9+790756	839	7	9	143.420471	79.132278	1.0	3.3	3.5	16.19	
CXOMP J093345.8+790813	839	7	1	143.441162	79.137146	1.0	3.6	4.0	16.09	
CXOMP J093359.3+551550	805	7	2	143.497192	55.264126	1.0	1.3	3.0	22.54	031
CXOMP J093405.0+790223	839	7	21	143.521118	79.039856	1.9	6.4	10.0	13.87	
CXOMP J093411.0+551143	805	7	6	143.545868	55.195297	1.0	3.6	3.9	23.55	
CXOMP J093436.6+551141	805	7	18	143.652527	55.194855	1.9	6.4	10.1	22.47	
CXOMP J100948.9-124313	926	0	8	152.453796	-12.720428	1.8	6.6	10.6	38.76	
CXOMP J100954.4-124737	926	0	3	152.476929	-12.793805	1.0	8.2	17.1	38.33	
CXOMP J100957.2-123643	926	1	9	152.488449	-12.612095	1.1	6.1	9.2	41.05	
CXOMP J101000.9-123550	926	1	8	152.503845	-12.597319	1.3	6.2	9.6	39.53	
CXOMP J101001.9-123603	926	1	7	152.508118	-12.600940	1.5	5.9	8.8	39.80	
CXOMP J101003.3-124200	926	0	1	152.513947	-12.700090	1.0	2.9	3.0	42.82	
CXOMP J101003.5-123256	926	1	6	152.514969	-12.549108	1.0	8.6	18.7	38.43	
CXOMP J101005.8-124858	926	2	4	152.524414	-12.816368	1.0	8.2	17.0	36.84	031
CXOMP J101010.2-123833	926	1	3	152.542770	-12.642744	1.0	2.7	3.0	43.17	
CXOMP J101011.8-124423	926	2	3	152.549194	-12.739973	1.0	3.4	3.6	40.28	031
CXOMP J101011.8-124011	926	1	1	152.549423	-12.669887	1.0	1.1	3.0	42.74	
CXOMP J101017.4-123437	926	1	13	152.572678	-12.577155	1.9	6.5	10.2	40.56	
CXOMP J101020.2-124108	926	3	2	152.584442	-12.685616	1.0	1.4	3.0	43.40	
CXOMP J101025.5-124851	926	2	1	152.606415	-12.814275	1.4	8.2	17.1	36.40	
CXOMP J101029.0-124013	926	3	8	152.620911	-12.670400	1.0	3.6	4.0	42.46	
CXOMP J101030.8-123622	926	3	7	152.628616	-12.606192	1.2	6.1	9.3	40.66	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J101035.2-124022	926	3	6	152.647003	-12.672806	1.1	5.1	6.6	39.98	031
CXOMP J101039.2-124546	926	2	5	152.663341	-12.762986	1.8	7.6	14.4	38.09	
CXOMP J101045.4-124103	926	3	13	152.689194	-12.684314	1.8	7.5	13.9	39.25	
CXOMP J105638.1-034148	512	6	8	164.158920	-3.696723	1.0	5.1	6.6	80.53	
CXOMP J105641.2-033853	512	7	30	164.172043	-3.648129	1.0	3.7	4.1	69.74	055
CXOMP J105643.1-034042	512	6	2	164.179657	-3.678412	1.0	3.5	3.7	68.46	
CXOMP J105646.2-034023	512	7	10	164.192551	-3.673199	1.0	2.6	3.0	68.73	
CXOMP J105646.4-033905	512	7	9	164.193649	-3.651555	1.0	2.3	3.0	71.45	
CXOMP J105646.5-034707	512	6	16	164.193772	-3.785365	1.6	8.2	16.9	72.14	
CXOMP J105646.8-033509	512	7	27	164.195404	-3.585943	1.0	4.7	5.9	72.95	055
CXOMP J105647.9-034138	512	6	1	164.199966	-3.694050	1.0	3.0	3.0	83.31	
CXOMP J105648.5-033323	512	7	48	164.202484	-3.556666	1.8	6.2	9.5	69.01	035
CXOMP J105648.8-033725	512	7	8	164.203507	-3.623829	1.0	2.6	3.0	71.76	
CXOMP J105649.9-033342	512	7	38	164.208283	-3.561747	1.1	5.8	8.5	69.36	
CXOMP J105650.6-033508	512	7	24	164.210968	-3.585612	1.0	4.4	5.3	72.95	032
CXOMP J105650.8-033503	512	7	37	164.211975	-3.584354	1.1	4.5	5.4	72.88	032
CXOMP J105652.6-033819	512	7	7	164.219269	-3.638844	1.0	1.3	3.0	72.56	
CXOMP J105652.9-033334	512	7	46	164.220474	-3.559718	1.6	5.8	8.5	70.24	
CXOMP J105655.1-034322	512	6	6	164.229614	-3.722908	1.0	4.0	4.7	77.00	
CXOMP J105655.5-034030	512	7	6	164.231659	-3.675043	1.0	1.2	3.0	73.50	
CXOMP J105655.6-034509	512	6	12	164.231842	-3.752748	1.1	5.8	8.5	76.96	
CXOMP J105658.7-033851	512	7	5	164.244980	-3.647538	1.0	0.9	3.0	72.67	
CXOMP J105659.4-034716	512	6	11	164.247693	-3.787835	1.4	8.0	16.1	74.33	
CXOMP J105700.0-033445	512	7	19	164.250290	-3.579359	1.0	4.7	5.8	70.64	
CXOMP J105702.7-033944	512	7	4	164.261261	-3.662259	1.0	1.8	3.0	74.47	
CXOMP J105705.1-033541	512	7	3	164.271408	-3.594966	1.0	4.3	5.2	73.68	055
CXOMP J105705.5-033550	512	7	14	164.273148	-3.597342	1.0	4.3	5.1	73.82	
CXOMP J105705.5-033433	512	7	35	164.273163	-3.575873	1.3	5.4	7.4	71.01	
CXOMP J105708.1-033941	512	7	2	164.283920	-3.661424	1.0	3.1	3.1	70.30	
CXOMP J105708.5-033611	512	7	12	164.285492	-3.603222	1.0	4.5	5.5	73.93	
CXOMP J105708.9-034241	512	6	3	164.287170	-3.711494	1.0	4.7	5.8	79.46	
CXOMP J105710.5-034015	512	7	1	164.293778	-3.670928	1.0	3.8	4.3	72.38	
CXOMP J105710.7-033500	512	7	11	164.294647	-3.583571	1.1	5.7	8.2	71.56	
CXOMP J105713.1-033529	512	7	43	164.304642	-3.591407	1.4	5.8	8.4	70.86	
CXOMP J105714.2-033348	512	7	32	164.309354	-3.563475	1.2	7.2	12.6	62.70	
CXOMP J105715.8-033504	512	7	31	164.315964	-3.584554	1.7	6.6	10.4	70.55	
CXOMP J111222.0-261604	915	0	9	168.091677	-26.267925	1.4	7.2	12.7	92.48	
CXOMP J111224.8-261642	915	0	8	168.103439	-26.278505	1.8	6.6	10.6	91.05	
CXOMP J111226.4-261547	915	0	7	168.110382	-26.263199	1.2	6.2	9.5	94.28	
CXOMP J111229.2-262020	915	2	16	168.121948	-26.339012	1.7	7.3	12.9	83.71	
CXOMP J111232.3-261552	915	0	6	168.134903	-26.264597	1.2	4.9	6.2	92.33	
CXOMP J111236.6-262039	915	2	28	168.152679	-26.344210	1.6	6.3	9.8	88.20	
CXOMP J111236.8-261326	915	0	4	168.153580	-26.224134	1.0	4.5	5.5	97.51	
CXOMP J111239.2-260916	915	1	15	168.163574	-26.154602	1.3	7.2	12.7	92.77	
CXOMP J111239.9-262302	915	2	26	168.166351	-26.383961	2.0	8.0	16.2	79.54	055
CXOMP J111241.4-261924	915	2	6	168.172638	-26.323345	1.0	4.7	5.8	91.75	
CXOMP J111243.3-261105	915	1	14	168.180740	-26.184734	1.2	5.2	6.9	94.41	
CXOMP J111245.1-261930	915	2	5	168.188248	-26.325151	1.0	4.3	5.2	92.87	
CXOMP J111245.7-261410	915	0	1	168.190811	-26.236132	1.0	2.4	3.0	101.47	
CXOMP J111248.0-261729	915	2	4	168.200211	-26.291662	1.0	2.3	3.0	91.21	
CXOMP J111250.1-261239	915	1	13	168.208908	-26.211109	1.0	3.1	3.2	97.40	
CXOMP J111251.3-260603	915	1	11	168.213928	-26.100861	2.3	9.7	23.5	89.69	
CXOMP J111251.3-260936	915	1	10	168.214020	-26.160248	1.3	6.1	9.2	92.72	032
CXOMP J111251.6-261901	915	2	3	168.215317	-26.317207	1.0	3.4	3.6	94.32	
CXOMP J111252.1-260936	915	1	20	168.217423	-26.160044	1.5	6.1	9.2	93.02	032
CXOMP J111252.2-261400	915	1	5	168.217880	-26.233398	1.0	1.7	3.0	101.28	
CXOMP J111252.9-262339	915	2	23	168.220608	-26.394418	1.6	8.0	16.1	85.01	
CXOMP J111254.4-260917	915	1	4	168.227020	-26.154795	1.0	6.4	10.0	91.67	
CXOMP J111254.5-262106	915	2	1	168.227386	-26.351791	1.0	5.4	7.5	90.65	
CXOMP J111254.6-261428	915	1	3	168.227676	-26.241335	1.0	1.2	3.0	97.82	
CXOMP J111254.7-261548	915	3	9	168.228012	-26.263555	1.0	0.2	3.0	101.58	
CXOMP J111255.7-260749	915	1	28	168.232300	-26.130491	2.0	7.9	15.6	89.59	
CXOMP J111256.3-262325	915	2	22	168.234835	-26.390462	1.9	7.8	15.1	86.42	
CXOMP J111258.6-261936	915	2	10	168.244293	-26.326859	1.0	4.1	4.7	89.43	
CXOMP J111259.2-261544	915	3	4	168.246903	-26.262339	1.0	1.2	3.0	101.03	
CXOMP J111259.6-260508	915	1	18	168.248459	-26.085607	2.8	10.6	28.4	87.86	
CXOMP J111300.0-261559	915	3	3	168.250320	-26.266666	1.0	1.4	3.0	101.40	
CXOMP J111300.8-262237	915	2	8	168.253646	-26.376994	1.3	7.1	12.2	87.58	
CXOMP J111301.4-261342	915	1	2	168.256103	-26.228334	1.0	2.6	3.0	82.38	
CXOMP J111304.4-261846	915	3	16	168.268616	-26.312813	1.0	3.9	4.4	88.63	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J111306.3-262051	915	2	7	168.276428	-26.347569	1.1	5.9	8.6	85.28	032
CXOMP J111306.8-261528	915	3	2	168.278442	-26.257843	1.0	2.9	3.0	100.18	035
CXOMP J111308.2-261925	915	3	14	168.284180	-26.323791	1.0	4.9	6.2	94.77	
CXOMP J111308.3-260826	915	1	17	168.284805	-26.140722	2.0	7.9	15.8	91.45	
CXOMP J111309.9-261442	915	3	1	168.291534	-26.245054	1.0	3.7	4.1	98.39	
CXOMP J111310.9-261141	915	1	16	168.295563	-26.194805	1.2	5.5	7.7	93.62	
CXOMP J111317.0-261739	915	3	27	168.321045	-26.294434	1.5	5.5	7.7	94.63	
CXOMP J111320.5-262028	915	3	24	168.335648	-26.341387	1.9	7.6	14.5	90.04	
CXOMP J111325.2-261533	915	3	11	168.355148	-26.259411	1.3	7.0	11.7	86.75	
CXOMP J111328.4-261414	915	3	20	168.368424	-26.237226	2.0	7.8	15.4	92.01	
CXOMP J111333.2-261500	915	3	10	168.388550	-26.250057	1.6	8.8	19.8	88.59	
CXOMP J111759.2+074405	363	6	6	169.496735	7.734912	1.0	4.1	4.9	22.94	052
CXOMP J111759.2+074405	1630	7	22	169.496933	7.734800	1.0	5.3	7.3	9.33	052
CXOMP J111802.3+402733	868	3	10	169.509933	40.459438	1.6	8.0	16.2	15.21	
CXOMP J111804.2+074719	363	7	8	169.517792	7.788683	1.0	3.4	3.6	22.85	
CXOMP J111804.2+074739	363	7	25	169.517838	7.794346	1.0	3.6	4.0	22.78	
CXOMP J111804.3+074719	1630	7	11	169.518127	7.788876	1.0	3.6	4.0	9.29	
CXOMP J111804.8+074816	363	7	23	169.520081	7.804506	1.0	3.9	4.6	22.59	
CXOMP J111807.8+074639	363	7	7	169.532532	7.777515	1.0	2.3	3.0	23.59	
CXOMP J111810.6+402242	868	3	9	169.544220	40.378429	1.8	6.6	10.6	16.09	055
CXOMP J111812.0+074030	363	6	2	169.550156	7.675066	1.1	4.8	6.1	21.81	
CXOMP J111812.1+074031	1630	7	17	169.550552	7.675406	1.8	6.2	9.4	8.70	
CXOMP J111812.5+402415	868	3	15	169.552292	40.404198	1.4	5.8	8.6	15.67	
CXOMP J111813.8+402838	868	3	8	169.557846	40.477318	1.2	6.4	10.1	15.85	
CXOMP J111814.9+074800	363	7	6	169.562424	7.800232	1.0	2.7	3.0	21.89	
CXOMP J111816.2+074315	1630	7	6	169.567505	7.721068	1.0	3.3	3.4	9.57	
CXOMP J111819.7+402325	868	3	6	169.582184	40.390404	1.0	4.8	6.0	16.65	
CXOMP J111820.9+073815	363	6	8	169.587193	7.637602	1.4	7.2	12.5	19.64	
CXOMP J111822.2+074448	363	7	1	169.592529	7.746812	1.0	1.8	3.0	22.25	052
CXOMP J111822.2+074448	1630	7	1	169.592819	7.746925	1.0	1.9	3.0	9.35	052
CXOMP J111825.4+074315	363	7	14	169.605881	7.720876	1.0	3.2	3.3	23.45	
CXOMP J111825.8+074334	363	7	13	169.607742	7.726276	1.0	3.1	3.2	23.52	
CXOMP J111828.1+074340	363	7	11	169.617432	7.727866	1.0	3.6	4.0	23.40	052
CXOMP J111828.1+074340	1630	7	4	169.617569	7.727671	1.0	3.7	4.2	9.11	052
CXOMP J111828.3+074259	363	7	10	169.618027	7.716584	1.0	4.0	4.6	23.14	032
CXOMP J111832.9+074901	363	7	9	169.637177	7.817115	1.0	5.8	8.4	22.95	052
CXOMP J111832.9+074901	1630	6	1	169.637436	7.817259	1.0	4.4	5.3	8.24	052
CXOMP J111840.6+075325	1630	6	2	169.669366	7.890386	2.5	8.8	19.9	7.67	
CXOMP J111848.7+402647	868	2	2	169.703064	40.446640	1.0	1.9	3.0	16.52	031
CXOMP J111849.8+402228	868	1	1	169.707733	40.374603	1.0	3.1	3.1	14.84	031
CXOMP J111850.5+402553	868	2	1	169.710465	40.431602	1.0	1.6	3.0	17.20	
CXOMP J111853.2+402851	868	2	4	169.721848	40.481041	1.0	4.1	4.8	16.86	
CXOMP J111905.2+402741	868	2	7	169.771881	40.461487	1.2	4.9	6.2	16.75	
CXOMP J113924.2+654930	2126	7	14	174.851242	65.825218	1.1	4.5	5.4	26.54	
CXOMP J113932.7+660910	536	3	34	174.886398	66.152862	2.1	8.1	16.6	100.13	
CXOMP J113937.0+654730	2126	7	5	174.904419	65.791733	1.0	2.9	3.0	26.35	
CXOMP J113941.2+661319	536	3	33	174.922074	66.222138	2.1	9.3	22.1	97.55	
CXOMP J113944.2+654210	2126	7	18	174.934311	65.702858	1.3	6.2	9.5	26.55	
CXOMP J113944.3+660818	536	3	18	174.934830	66.138603	1.3	6.8	10.9	106.07	
CXOMP J113948.0+661105	536	3	16	174.950309	66.184891	1.3	7.4	13.7	103.45	
CXOMP J113948.5+660656	536	3	42	174.952423	66.115723	1.6	6.2	9.6	108.69	032
CXOMP J113950.1+660025	536	1	16	174.959061	66.006950	1.0	9.0	20.8	103.33	
CXOMP J113950.2+660704	536	3	32	174.959366	66.118034	1.5	6.1	9.1	108.12	032
CXOMP J113952.7+660721	536	3	15	174.969894	66.122589	1.1	5.8	8.5	106.43	
CXOMP J113954.1+654516	2126	7	12	174.975510	65.754646	1.0	2.9	3.0	26.24	
CXOMP J113957.1+654749	2126	7	4	174.988174	65.797005	1.0	0.8	3.0	27.91	
CXOMP J113959.5+654743	2126	7	3	174.998245	65.795433	1.0	0.6	3.0	28.15	
CXOMP J114001.9+660642	536	3	6	175.008148	66.111771	1.0	4.9	6.2	110.18	
CXOMP J114003.2+660317	536	1	36	175.013489	66.054764	1.3	6.1	9.2	103.95	
CXOMP J114003.8+660630	536	3	13	175.016129	66.108437	1.1	4.7	5.9	111.56	
CXOMP J114007.3+660659	536	3	5	175.030685	66.116608	1.0	4.3	5.2	110.66	055
CXOMP J114008.4+654616	2126	7	2	175.035339	65.771385	1.0	1.7	3.0	28.15	
CXOMP J114011.9+655747	536	1	43	175.049647	65.963332	3.5	10.1	25.6	102.69	
CXOMP J114014.4+661035	536	3	11	175.060318	66.176651	1.2	5.0	6.5	108.98	
CXOMP J114015.6+660142	536	1	31	175.065109	66.028511	1.4	6.4	10.1	108.60	
CXOMP J114020.4+660730	536	3	4	175.085098	66.125130	1.0	3.0	3.0	113.69	035
CXOMP J114021.9+660428	536	1	4	175.091644	66.074676	1.0	3.9	4.4	112.71	
CXOMP J114022.0+660028	536	1	12	175.091675	66.007889	1.3	7.2	12.7	107.32	
CXOMP J114024.6+660215	536	1	11	175.102539	66.037727	1.0	5.5	7.7	110.14	
CXOMP J114026.6+660131	536	1	10	175.110870	66.025314	1.1	6.1	9.2	106.82	032

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J114027.1+660142	536	1	24	175.113174	66.028519	1.2	5.9	8.7	104.75	032
CXOMP J114028.0+660320	536	1	3	175.116730	66.055611	1.0	4.4	5.3	107.93	
CXOMP J114029.1+661131	536	3	22	175.121475	66.191986	1.3	4.9	6.2	107.69	
CXOMP J114029.6+660140	536	1	23	175.123566	66.027870	1.4	5.8	8.5	105.73	032
CXOMP J114029.9-263217	898	6	7	175.124893	-26.538080	1.0	4.1	4.8	33.40	
CXOMP J114031.1+660858	536	3	3	175.129807	66.149506	1.0	2.7	3.0	111.72	035
CXOMP J114036.2+661317	536	3	9	175.150925	66.221504	1.2	6.3	9.9	102.26	
CXOMP J114036.4-262411	898	7	25	175.151764	-26.403120	1.7	6.5	10.3	20.88	055
CXOMP J114038.0+660216	536	1	2	175.158737	66.037895	1.0	5.0	6.4	111.21	055
CXOMP J114039.7-262844	898	7	7	175.165421	-26.479166	1.0	2.1	3.0	22.55	
CXOMP J114044.3+660311	536	1	1	175.184647	66.053284	1.0	3.9	4.6	112.52	
CXOMP J114044.6-263242	898	6	1	175.185974	-26.545092	1.0	2.4	3.0	34.02	
CXOMP J114045.9-262916	898	7	5	175.191528	-26.487989	1.0	1.1	3.0	22.37	
CXOMP J114046.4+660913	536	3	1	175.193558	66.153633	1.0	2.2	3.0	97.17	
CXOMP J114049.5-262541	898	7	19	175.206390	-26.428190	1.2	4.7	5.9	21.56	
CXOMP J114051.6+660135	536	1	40	175.215317	66.026619	1.3	5.5	7.7	110.53	
CXOMP J114052.4+660054	536	1	17	175.218689	66.015060	1.3	6.2	9.5	108.81	
CXOMP J114052.8-262911	898	7	3	175.220154	-26.486462	1.0	1.9	3.0	22.58	
CXOMP J114054.2-262943	898	7	11	175.225845	-26.495449	1.0	1.9	3.0	22.39	
CXOMP J114054.6-262928	898	7	2	175.227753	-26.491156	1.0	2.1	3.0	22.42	055
CXOMP J114054.6+654739	2126	6	1	175.227859	65.794304	1.0	5.1	6.6	35.23	
CXOMP J114055.6+660722	536	2	3	175.231903	66.122948	1.0	0.6	3.0	112.56	
CXOMP J114059.4-263156	898	7	9	175.247726	-26.532288	1.0	3.4	3.6	22.50	
CXOMP J114100.0-263419	898	6	2	175.250382	-26.572014	1.0	5.1	6.6	30.36	
CXOMP J114101.7+661246	536	2	20	175.257126	66.212952	1.6	5.8	8.5	105.07	
CXOMP J114103.9-263048	898	7	8	175.266357	-26.513363	1.0	4.0	4.7	22.31	
CXOMP J114105.0+660355	536	0	8	175.271149	66.065361	1.0	3.5	3.8	113.10	
CXOMP J114109.5+655141	2126	6	11	175.289810	65.861587	1.8	7.6	14.2	34.22	
CXOMP J114110.9+660936	536	2	11	175.295593	66.160255	1.0	3.3	3.4	109.25	
CXOMP J114112.5+654851	2126	6	5	175.302155	65.814346	1.2	6.9	11.5	33.47	
CXOMP J114113.8+660504	536	0	1	175.307739	66.084587	1.0	3.1	3.2	109.18	
CXOMP J114114.0+661352	536	2	10	175.308661	66.231146	1.7	7.2	12.6	98.19	
CXOMP J114115.3+660200	536	0	22	175.313782	66.033501	1.2	5.7	8.2	108.26	
CXOMP J114118.0+661457	536	2	31	175.325314	66.249328	2.2	8.4	17.8	98.39	
CXOMP J114118.5+660210	536	0	7	175.327484	66.036209	1.2	5.7	8.2	107.62	032
CXOMP J114121.8+660343	536	0	6	175.341248	66.061966	1.0	4.7	5.8	109.46	
CXOMP J114124.3+660921	536	2	2	175.351639	66.155998	1.0	4.1	4.9	107.13	
CXOMP J114129.7+660250	536	0	16	175.373825	66.047394	1.4	5.8	8.6	108.38	
CXOMP J114131.4+660521	536	0	5	175.380981	66.089279	1.2	4.5	5.6	103.29	
CXOMP J114131.9+661214	536	2	8	175.382996	66.204002	1.2	6.6	10.6	98.48	032
CXOMP J114132.6+661117	536	2	7	175.385879	66.188118	1.1	6.0	9.0	103.69	
CXOMP J114132.6+660848	536	2	6	175.386093	66.146835	1.0	4.6	5.7	106.70	
CXOMP J114135.0+660908	536	2	1	175.395874	66.152489	1.0	5.0	6.4	106.04	
CXOMP J114136.5+661246	536	2	5	175.402100	66.213051	1.4	7.4	13.4	99.86	
CXOMP J114141.1+660350	536	0	14	175.421539	66.064125	1.5	6.1	9.3	107.16	
CXOMP J114144.5+660018	536	0	30	175.435483	66.005008	2.5	8.8	19.6	102.70	
CXOMP J114147.8+660603	536	0	4	175.449432	66.101059	1.1	5.9	8.8	106.31	
CXOMP J114221.5+660116	536	0	11	175.589935	66.021278	4.4	10.9	30.1	97.09	
CXOMP J122837.1+015720	1712	6	1	187.154816	1.955587	1.0	9.4	22.2	20.31	055
CXOMP J122859.5+021050	1712	7	116	187.247923	2.180741	1.9	7.8	15.3	10.14	
CXOMP J122907.2+020401	1712	7	5	187.280182	2.066977	1.0	0.8	3.0	11.56	034
CXOMP J122908.5+020553	1712	7	45	187.285690	2.098232	1.0	2.7	3.0	11.68	
CXOMP J122915.4+020529	1712	7	2	187.314285	2.091569	1.0	3.2	3.3	11.83	
CXOMP J131157.9+424229	325	7	42	197.991257	42.708229	1.2	4.9	6.2	76.74	
CXOMP J131159.0+423833	325	7	41	197.995987	42.642639	1.4	5.6	8.0	75.57	
CXOMP J131159.2+423928	325	7	11	197.997055	42.657833	1.0	5.1	6.7	77.08	
CXOMP J131201.1+424208	325	7	39	198.004761	42.702278	1.1	4.3	5.1	75.02	
CXOMP J131206.5+424141	325	7	27	198.027283	42.694920	1.0	3.3	3.4	78.95	
CXOMP J131209.9+424129	325	7	10	198.041580	42.691418	1.0	2.6	3.0	78.29	
CXOMP J131211.6+424413	325	7	9	198.048645	42.737003	1.0	3.4	3.6	77.35	055
CXOMP J131215.2+423900	325	7	8	198.063339	42.650078	1.0	3.2	3.3	80.08	
CXOMP J131219.9+424221	325	7	7	198.083328	42.705940	1.0	1.0	3.0	79.47	
CXOMP J131220.4+423523	325	7	33	198.085358	42.589855	1.4	6.4	9.9	73.51	032 035
CXOMP J131221.5+424405	325	7	6	198.089661	42.734825	1.0	2.4	3.0	75.95	
CXOMP J131221.6+423547	325	7	21	198.090073	42.596550	1.1	5.9	8.8	73.89	035
CXOMP J131222.3+423813	325	7	5	198.093170	42.637028	1.0	3.5	3.8	78.35	
CXOMP J131222.4+424451	325	6	11	198.093674	42.747505	1.0	3.2	3.2	85.42	
CXOMP J131226.0+423735	325	7	19	198.108383	42.626560	1.0	4.1	4.9	77.42	
CXOMP J131229.1+423731	325	7	18	198.121521	42.625530	1.1	4.3	5.1	65.58	032
CXOMP J131235.7+424150	325	7	2	198.148819	42.697437	1.0	2.1	3.0	76.06	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J131236.6+424002	325	7	1	198.152542	42.667248	1.0	2.8	3.0	75.50	
CXOMP J131239.3+424248	325	6	1	198.164108	42.713528	1.0	3.0	3.0	90.15	055
CXOMP J131239.7+424549	325	6	3	198.165558	42.763638	1.1	5.0	6.4	86.40	
CXOMP J131240.2+423934	325	7	12	198.167892	42.659573	1.0	3.6	4.0	74.88	
CXOMP J131258.0+424823	325	6	2	198.241898	42.806507	1.0	9.1	21.1	78.92	
CXOMP J131623.2+291406	2228	0	22	199.096940	29.235163	3.3	11.3	32.0	94.96	
CXOMP J131625.9+291149	2228	0	21	199.107962	29.197034	3.7	10.3	26.5	96.31	
CXOMP J131636.4+291341	2228	0	11	199.151688	29.228117	2.3	8.5	18.5	99.42	
CXOMP J131647.9+291753	2228	0	17	199.199651	29.298265	2.8	9.3	21.8	99.08	
CXOMP J131651.3+291239	2228	0	8	199.214157	29.210978	1.0	5.1	6.7	107.10	
CXOMP J131652.6+290601	2228	2	28	199.219360	29.100441	1.5	6.0	9.1	96.27	
CXOMP J131654.1+291321	2228	0	2	199.225723	29.222557	1.0	5.0	6.4	107.58	
CXOMP J131654.5+291004	2228	2	5	199.227493	29.167915	1.0	3.8	4.4	103.90	
CXOMP J131657.1+291449	2228	0	6	199.237991	29.247177	1.1	5.6	8.0	103.45	
CXOMP J131657.1+291304	2228	0	5	199.238129	29.218006	1.0	4.3	5.2	108.87	
CXOMP J131657.4+291813	2228	1	8	199.239502	29.303791	2.4	8.5	18.6	99.05	
CXOMP J131657.9+290554	2228	2	19	199.241470	29.098473	1.1	5.4	7.4	97.97	
CXOMP J131659.3+290330	2228	2	18	199.247238	29.058468	1.4	7.4	13.3	95.15	
CXOMP J131700.1+291307	2228	0	4	199.250732	29.218868	1.0	3.9	4.4	111.12	
CXOMP J131701.2+290656	2228	2	4	199.255264	29.115759	1.0	4.1	4.9	103.60	
CXOMP J131701.2+291322	2228	0	1	199.255402	29.222937	1.0	3.9	4.5	110.11	
CXOMP J131701.3+291433	2228	1	2	199.255692	29.242540	1.0	4.9	6.1	98.77	
CXOMP J131702.1+290637	2228	2	25	199.258865	29.110361	1.1	4.3	5.2	101.98	
CXOMP J131704.5+292208	2228	1	14	199.268903	29.369048	5.7	12.0	35.4	87.56	
CXOMP J131704.7+290527	2228	2	14	199.269653	29.091066	1.3	5.1	6.7	99.53	032
CXOMP J131705.1+290530	2228	2	12	199.271347	29.091871	1.2	5.0	6.5	99.59	032
CXOMP J131705.9+290538	2228	2	10	199.274719	29.093933	1.1	4.9	6.1	100.32	
CXOMP J131706.0+290916	2228	2	3	199.275192	29.154617	1.0	1.7	3.0	107.84	
CXOMP J131706.2+290827	2228	2	8	199.276047	29.141008	1.0	2.3	3.0	103.05	
CXOMP J131706.6+290445	2228	2	22	199.277908	29.079384	1.4	5.7	8.1	99.64	
CXOMP J131707.6+291239	2228	3	10	199.281799	29.211008	1.0	2.6	3.0	107.27	
CXOMP J131711.1+292206	2228	1	11	199.296446	29.368448	3.7	11.8	34.5	92.93	
CXOMP J131714.5+291041	2228	3	5	199.310501	29.178068	1.0	0.6	3.0	108.05	
CXOMP J131714.6+290635	2228	2	2	199.311188	29.109972	1.0	3.7	4.2	102.48	
CXOMP J131717.1+290639	2228	2	1	199.321426	29.110874	1.0	3.8	4.3	102.33	
CXOMP J131718.8+291111	2228	3	4	199.328720	29.186462	1.0	1.7	3.0	108.11	
CXOMP J131724.0+290955	2228	3	2	199.350357	29.165323	1.0	2.6	3.0	107.14	
CXOMP J131729.7+290730	2228	3	16	199.373764	29.125130	1.0	4.7	5.9	101.57	032
CXOMP J131730.7+291055	2228	3	1	199.378204	29.181990	1.0	4.1	4.8	101.50	
CXOMP J131731.9+290850	2228	3	15	199.382965	29.147335	1.1	4.5	5.6	101.79	
CXOMP J131731.9+291650	2228	1	3	199.382980	29.280649	1.5	7.8	15.4	97.19	031
CXOMP J131732.9+291055	2228	3	14	199.387344	29.182196	1.1	4.6	5.6	103.99	
CXOMP J131733.4+290810	2228	3	13	199.389404	29.136169	1.1	5.1	6.7	101.72	
CXOMP J131736.6+291114	2228	3	12	199.402588	29.187426	1.1	5.4	7.5	102.37	
CXOMP J131736.6+291436	2228	3	30	199.402802	29.243349	1.5	6.9	11.2	97.90	
CXOMP J131746.0+290912	2228	3	11	199.441849	29.153488	1.4	7.5	13.8	97.39	
CXOMP J134411.0+555353	809	6	7	206.046097	55.898083	1.0	4.5	5.5	41.05	
CXOMP J134437.0+555811	809	7	22	206.154526	55.969860	1.0	4.0	4.6	34.28	
CXOMP J134440.2+555648	809	7	8	206.167557	55.946800	1.0	2.5	3.0	38.57	
CXOMP J134440.2+555445	809	7	7	206.167862	55.912678	1.0	0.6	3.0	39.52	
CXOMP J134442.0+555313	809	7	5	206.175308	55.886948	1.0	1.1	11.8	40.21	051
CXOMP J134449.1+555812	809	7	3	206.204834	55.970127	1.0	4.0	4.7	36.45	
CXOMP J134450.6+555531	809	7	2	206.210922	55.925552	1.0	1.6	3.0	39.24	
CXOMP J134508.0+555058	809	7	12	206.283615	55.849628	1.0	4.8	6.1	39.61	
CXOMP J134508.5+555421	809	7	1	206.285690	55.905972	1.0	3.6	3.9	40.93	
CXOMP J134509.9+555530	809	7	10	206.291656	55.925034	1.0	4.0	4.6	39.86	
CXOMP J134510.6+555135	809	7	28	206.294571	55.859932	1.1	4.7	5.9	39.85	
CXOMP J134513.6+555628	809	7	26	206.306976	55.941353	1.1	4.8	6.1	38.38	
CXOMP J134727.7-114039	507	7	7	206.865540	-11.677579	1.4	5.7	8.3	9.02	
CXOMP J140634.3+341025	1588	7	12	211.642975	34.173637	1.0	3.4	3.7	18.80	
CXOMP J140636.6+341419	1588	7	19	211.652603	34.238621	1.0	4.1	4.9	18.03	
CXOMP J140639.1+341259	1588	7	11	211.663177	34.216545	1.0	2.9	3.0	18.39	
CXOMP J140644.8+341135	1588	7	3	211.686722	34.193264	1.0	1.2	3.0	18.10	034
CXOMP J140649.1+340938	1588	7	2	211.704590	34.160614	1.0	1.7	3.0	17.52	055
CXOMP J141057.3+521131	578	7	18	212.739075	52.191982	1.0	3.5	3.8	15.53	
CXOMP J141059.6+521154	578	7	17	212.748352	52.198341	1.0	3.1	3.2	15.60	
CXOMP J141103.7+521757	578	7	26	212.765671	52.299259	1.4	6.4	10.1	13.06	032
CXOMP J141104.2+521755	578	7	25	212.767883	52.298756	1.2	6.4	10.0	14.19	032
CXOMP J141108.9+521645	578	7	24	212.787338	52.279228	1.2	5.0	6.5	15.04	
CXOMP J141113.6+521341	578	7	6	212.806778	52.228153	1.0	1.9	3.0	15.77	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J141114.4+521611	578	7	23	212.810028	52.269924	1.1	4.3	5.1	15.18	
CXOMP J141114.4+520630	578	6	2	212.810181	52.108601	1.2	5.6	7.9	16.68	
CXOMP J141119.4+521400	578	7	5	212.831085	52.233601	1.0	2.0	3.0	15.66	
CXOMP J141123.4+521332	578	7	2	212.847565	52.225597	1.0	1.6	3.0	15.64	
CXOMP J141126.0+521850	578	7	29	212.858597	52.313972	2.2	6.9	11.2	14.39	
CXOMP J141127.3+521131	578	7	1	212.864075	52.192173	1.0	1.2	3.0	15.61	
CXOMP J141129.1+521333	578	7	11	212.871399	52.225876	1.0	2.1	3.0	15.55	
CXOMP J141130.8+521424	578	7	10	212.878586	52.240017	1.0	2.9	3.0	15.35	
CXOMP J141512.5+113203	930	6	18	213.802261	11.534398	1.6	8.0	16.0	32.56	
CXOMP J141513.4+113456	930	6	16	213.805902	11.582259	2.6	9.0	20.6	32.22	
CXOMP J141515.2+113104	930	6	10	213.813736	11.517914	1.3	7.1	12.1	33.60	
CXOMP J141520.6+112802	930	6	9	213.836090	11.467420	1.1	6.0	9.0	34.11	
CXOMP J141524.0+113152	930	6	7	213.850189	11.531370	1.0	5.2	7.0	35.05	
CXOMP J141525.8+113007	930	6	6	213.857819	11.502095	1.0	4.4	5.4	35.36	
CXOMP J141529.8+113133	930	6	5	213.874237	11.525928	1.0	3.8	4.3	36.02	
CXOMP J141531.0+112712	930	6	4	213.879303	11.453474	1.0	4.2	5.0	35.38	
CXOMP J141531.4+113157	930	6	1	213.881012	11.532656	1.0	3.6	4.0	36.12	
CXOMP J141538.0+112746	930	7	6	213.908371	11.462930	1.0	2.7	3.0	23.29	
CXOMP J141539.6+112837	930	7	3	213.915146	11.477145	1.0	1.7	3.0	23.69	
CXOMP J141551.5+112700	930	7	1	213.964630	11.450059	1.0	3.5	3.9	22.00	
CXOMP J141557.0+112647	930	7	17	213.987549	11.446619	1.2	4.5	5.6	23.51	
CXOMP J141558.7+445009	541	3	13	213.994965	44.835968	1.7	8.4	17.9	26.25	
CXOMP J141559.1+112702	930	7	16	213.996628	11.450622	1.2	4.8	6.0	22.62	
CXOMP J141605.7+112718	930	7	15	214.023850	11.455197	1.3	6.0	9.0	21.93	035
CXOMP J141615.3+444739	541	3	11	214.063812	44.794205	1.3	5.3	7.2	28.07	032
CXOMP J141623.6+444943	541	3	8	214.098541	44.828827	1.1	4.0	4.7	28.39	
CXOMP J141624.5+445156	541	3	3	214.102173	44.865757	1.0	5.1	6.7	26.46	
CXOMP J141624.9+444045	541	1	6	214.103950	44.679424	1.7	8.4	17.9	27.04	
CXOMP J141626.6+445240	541	3	7	214.111237	44.877850	1.1	5.4	7.5	27.33	
CXOMP J141637.0+444645	541	3	2	214.154510	44.779339	1.0	2.1	3.0	29.63	
CXOMP J141639.6+444920	541	3	1	214.165314	44.822464	1.0	1.4	3.0	29.51	
CXOMP J141641.6+445240	541	2	8	214.173386	44.877926	1.1	4.4	5.3	27.73	
CXOMP J141643.4+444555	541	1	3	214.180954	44.765392	1.0	2.4	3.0	29.84	
CXOMP J141644.0+444456	541	1	5	214.183472	44.749077	1.0	3.4	3.6	29.45	
CXOMP J141647.8+444250	541	1	8	214.199280	44.714165	1.5	5.5	7.7	28.04	
CXOMP J141651.0+444640	541	1	1	214.212631	44.777988	1.0	2.0	3.0	29.89	
CXOMP J141655.6+445453	541	2	5	214.231751	44.914764	1.3	6.8	11.1	26.49	
CXOMP J141656.1+444720	541	0	1	214.234100	44.788982	1.0	2.2	3.0	29.60	
CXOMP J141656.3+445340	541	2	4	214.234757	44.894516	1.4	5.7	8.2	26.64	
CXOMP J141700.0+445002	541	2	2	214.250382	44.834164	1.0	3.2	3.2	28.63	
CXOMP J141700.7+445344	541	2	14	214.253067	44.895680	1.7	6.1	9.2	26.28	
CXOMP J141700.7+445606	541	2	1	214.253250	44.935268	1.0	8.3	17.4	25.14	055
CXOMP J141712.2+444408	541	0	4	214.301056	44.735687	1.7	6.4	10.0	27.89	
CXOMP J141715.0+445316	541	2	10	214.312834	44.888023	1.4	7.3	12.9	26.53	
CXOMP J141715.2+445420	541	2	3	214.313385	44.905720	1.6	8.0	16.4	26.03	
CXOMP J141730.0+444545	541	0	11	214.375336	44.762508	2.3	8.4	18.0	26.89	
CXOMP J141733.5+444608	541	0	9	214.389969	44.768944	2.6	8.9	20.2	26.56	
CXOMP J143211.8-011306	907	3	7	218.049469	-1.218500	1.7	8.4	18.0	18.85	
CXOMP J143227.2-011211	907	3	12	218.113602	-1.203067	1.6	6.3	9.7	19.84	
CXOMP J143227.4-010935	907	3	4	218.114182	-1.159886	1.0	3.7	4.1	20.73	
CXOMP J143227.8-010147	907	2	1	218.116211	-1.029920	1.0	4.2	5.0	19.07	
CXOMP J143228.9-010612	907	3	2	218.120636	-1.103492	1.0	0.3	3.0	21.36	032
CXOMP J143230.9-005936	907	0	7	218.128921	-0.993514	1.2	6.3	9.9	18.99	055
CXOMP J143244.4-005913	907	0	1	218.185257	-0.987158	1.0	7.7	14.8	18.29	
CXOMP J143245.9-010829	907	1	2	218.191513	-1.141601	1.0	4.8	6.0	18.51	
CXOMP J143303.4-010708	907	1	5	218.264394	-1.119094	2.3	8.5	18.6	17.63	
CXOMP J153416.3+232630	869	6	7	233.568084	23.441687	1.8	9.4	22.5	47.30	
CXOMP J153428.1+232425	869	6	15	233.617375	23.407103	2.1	8.2	16.9	46.73	
CXOMP J153429.8+232332	869	6	14	233.624288	23.392313	2.3	8.5	18.5	47.31	
CXOMP J153442.7+232154	869	6	11	233.678047	23.365221	2.3	8.4	18.1	45.35	
CXOMP J153442.7+232822	869	6	3	233.678238	23.473022	1.0	3.1	3.1	53.70	
CXOMP J153443.6+232341	869	6	6	233.681870	23.394800	1.3	6.7	10.7	47.23	
CXOMP J153448.2+232722	869	6	2	233.701218	23.456308	2.0	2.9	3.0	53.40	
CXOMP J153448.9+232940	869	7	7	233.704010	23.494652	1.0	1.3	3.0	52.77	
CXOMP J153451.9+232828	869	7	6	233.716309	23.474640	1.0	1.5	3.0	51.69	
CXOMP J153452.3+233248	869	7	5	233.718140	23.546761	1.0	3.0	3.0	51.55	
CXOMP J153452.6+232848	869	7	17	233.719467	23.480045	1.0	1.2	3.0	52.88	
CXOMP J153453.0+232855	869	7	27	233.720978	23.482046	1.0	1.0	3.0	52.42	055
CXOMP J153453.7+232816	869	7	3	233.723755	23.471281	1.0	1.6	3.0	52.41	
CXOMP J153455.5+233417	869	7	16	233.731445	23.571430	1.0	4.4	5.4	52.75	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J153457.7+233006	869	7	26	233.740585	23.501909	1.0	0.7	3.0	52.23	
CXOMP J153501.7+233425	869	7	11	233.757340	23.573812	1.2	4.8	6.1	51.81	
CXOMP J153504.6+233447	869	7	36	233.769455	23.579975	1.4	5.4	7.5	50.61	
CXOMP J153510.7+232745	869	7	9	233.794952	23.462645	1.0	4.3	5.1	51.41	
CXOMP J153518.7+233313	869	7	19	233.828262	23.553738	1.4	6.5	10.1	48.02	
CXOMP J154939.4+212558	326	7	6	237.414536	21.432999	1.0	1.7	3.0	30.61	034
CXOMP J154942.6+212507	326	7	5	237.427673	21.418728	1.0	0.9	3.0	30.87	034
CXOMP J154945.4+213010	326	7	16	237.439194	21.502813	1.0	4.8	6.1	29.86	034
CXOMP J154947.2+212857	326	7	15	237.446915	21.482645	1.0	3.6	4.0	28.22	034
CXOMP J154949.5+212557	326	7	1	237.456268	21.432509	1.0	1.0	3.0	30.50	034
CXOMP J155000.9+212423	326	7	10	237.503891	21.406475	1.0	3.5	3.8	30.80	034
CXOMP J155003.3+212806	326	7	19	237.513855	21.468523	1.1	4.8	6.1	30.83	032 034
CXOMP J155003.5+212757	326	7	9	237.514725	21.465918	1.0	4.8	6.0	29.97	032 034
CXOMP J155012.4+212617	326	7	7	237.551880	21.438181	1.2	6.1	9.3	30.00	034 055
CXOMP J162246.4+263833	546	2	21	245.693436	26.642525	2.7	9.0	20.7	24.97	
CXOMP J162252.0+263853	546	2	13	245.717056	26.648130	2.0	7.9	15.8	25.15	
CXOMP J162300.1+263755	546	2	10	245.750504	26.632092	1.1	5.9	8.8	25.89	055
CXOMP J162327.1+263207	546	3	7	245.863296	26.535349	1.0	4.1	4.8	28.35	
CXOMP J162330.1+264441	546	0	4	245.875534	26.744957	1.8	8.6	18.6	25.50	
CXOMP J162331.2+264335	546	0	3	245.880310	26.726662	1.8	7.5	14.0	26.49	
CXOMP J162333.6+264035	546	0	2	245.890183	26.676454	1.2	4.7	5.9	28.04	
CXOMP J162335.9+263652	546	3	5	245.899933	26.614712	1.0	2.5	3.0	29.47	
CXOMP J162343.6+263244	546	3	1	245.932068	26.545763	1.0	5.4	7.3	28.09	
CXOMP J162346.1+263643	546	1	1	245.942352	26.612106	1.2	4.7	5.8	28.94	
CXOMP J162353.8+263937	546	1	3	245.974365	26.660349	1.4	7.2	12.7	28.10	
CXOMP J162410.3+264144	546	1	10	246.043228	26.695704	3.4	11.5	32.8	25.97	
CXOMP J162410.6+263853	546	1	9	246.044418	26.648115	3.9	10.5	27.6	25.97	
CXOMP J162415.4+263728	546	1	2	246.064194	26.624708	3.2	11.2	31.6	25.71	
CXOMP J162418.2+263914	546	1	8	246.075912	26.654070	6.0	12.2	36.5	25.64	
CXOMP J165538.9-082450	615	7	1	253.912384	-8.414155	1.0	1.4	3.0	8.41	
CXOMP J171613.3+671133	548	3	21	259.055481	67.192665	1.0	4.6	5.7	47.39	
CXOMP J171613.7+670639	548	3	20	259.057251	67.110870	1.3	6.8	11.1	44.93	
CXOMP J171614.4+671344	548	2	11	259.060181	67.229004	1.2	4.9	6.3	47.39	
CXOMP J171621.2+671312	548	2	10	259.088715	67.220154	1.0	4.1	4.8	47.88	
CXOMP J171632.8+670636	548	3	16	259.136902	67.110100	1.2	5.8	8.5	46.35	
CXOMP J171635.5+671626	548	2	9	259.148193	67.273895	1.0	5.3	7.2	45.00	
CXOMP J171636.9+670829	548	3	6	259.153778	67.141594	1.0	4.0	4.6	47.52	
CXOMP J171637.9+671307	548	2	2	259.158112	67.218811	1.0	2.6	3.0	48.22	
CXOMP J171638.0+671155	548	3	5	259.158508	67.198853	1.0	2.2	3.0	49.22	
CXOMP J171651.7+670854	548	3	4	259.215424	67.148590	1.0	3.0	3.0	49.48	034 035
CXOMP J171653.1+670750	548	3	12	259.221466	67.130600	1.0	4.0	4.6	48.95	034
CXOMP J171700.7+670519	548	3	11	259.252930	67.088829	1.2	6.4	10.0	46.92	
CXOMP J171702.6+670704	548	3	10	259.260864	67.117882	1.1	4.7	5.8	48.09	
CXOMP J171709.1+670821	548	3	2	259.288238	67.139221	1.0	3.5	3.7	49.65	
CXOMP J171710.4+670930	548	3	1	259.293579	67.158440	1.0	2.4	3.0	50.32	
CXOMP J171711.1+671818	548	2	14	259.296661	67.305115	1.8	6.6	10.6	45.51	
CXOMP J171713.4+671433	548	2	1	259.305847	67.242775	1.0	3.1	3.1	49.40	
CXOMP J171725.4+670616	548	1	7	259.356110	67.104515	1.3	6.0	8.9	47.96	
CXOMP J171740.4+671147	548	0	3	259.418701	67.196396	2.0	3.8	4.3	51.66	
CXOMP J171748.3+670544	548	1	5	259.451294	67.095810	1.5	7.5	14.2	46.38	
CXOMP J171749.1+671017	548	1	4	259.454651	67.171616	1.1	4.9	6.2	49.78	
CXOMP J171758.4+671203	548	0	1	259.493652	67.200874	1.1	5.6	7.9	48.02	
CXOMP J171805.4+670959	548	1	2	259.522522	67.166641	1.4	6.5	10.2	47.18	
CXOMP J171805.9+671218	548	0	6	259.524994	67.205131	1.6	6.3	9.8	49.69	
CXOMP J171807.6+670647	548	1	1	259.531952	67.113167	1.4	8.1	16.8	44.37	
CXOMP J171815.0+670347	548	1	9	259.562775	67.063087	2.9	10.7	28.9	43.64	055
CXOMP J171825.5+670459	548	1	8	259.606506	67.083077	2.8	10.6	28.4	43.64	
CXOMP J171859.7+671444	548	0	4	259.749115	67.245560	2.8	11.9	35.0	42.22	
CXOMP J180658.6+694358	841	7	11	271.744171	69.733032	1.7	6.1	9.3	8.51	055
CXOMP J180726.7+694626	841	7	9	271.861328	69.774109	1.1	4.7	5.9	9.07	
CXOMP J184050.7+794841	830	7	29	280.211426	79.811562	1.0	2.5	3.0	22.06	034
CXOMP J184130.4+794537	830	7	18	280.376953	79.760399	1.0	2.8	3.0	20.95	034
CXOMP J184143.4+794747	830	7	6	280.430908	79.796532	1.0	0.6	3.0	20.93	034 055
CXOMP J184148.1+794743	830	7	13	280.450684	79.795441	1.0	0.6	3.0	21.91	034
CXOMP J184224.3+794542	830	7	1	280.601410	79.761703	1.0	3.1	3.2	22.24	034
CXOMP J184228.6+794511	830	7	66	280.619171	79.753166	1.0	3.7	4.1	22.41	034
CXOMP J184255.4+794551	830	7	9	280.731049	79.764290	1.0	3.9	4.5	22.05	034
CXOMP J205558.1-043340	551	2	17	313.992432	-4.561138	1.2	5.2	6.9	39.13	
CXOMP J205603.6-043118	551	2	16	314.015045	-4.521687	1.0	5.0	6.3	38.61	
CXOMP J205604.3-043013	551	2	14	314.018310	-4.503701	1.4	5.6	8.0	39.73	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J205605.4-044057	551	3	21	314.022695	-4.682620	1.4	7.2	12.7	35.22	
CXOMP J205606.0-043329	551	2	12	314.025269	-4.558196	1.0	3.3	3.5	40.27	
CXOMP J205606.6-043725	551	3	7	314.027679	-4.623653	1.0	4.2	4.9	40.28	
CXOMP J205609.1-043103	551	2	10	314.038178	-4.517766	1.0	4.2	5.0	39.15	
CXOMP J205609.3-043832	551	3	19	314.039093	-4.642292	1.1	4.6	5.7	39.47	
CXOMP J205609.5-043728	551	3	18	314.039764	-4.624628	1.0	3.7	4.2	40.13	
CXOMP J205611.0-043412	551	2	2	314.046173	-4.570050	1.0	1.9	3.0	38.65	
CXOMP J205614.8-044134	551	3	32	314.061916	-4.693014	1.6	7.1	12.2	37.56	
CXOMP J205617.1-044155	551	3	31	314.071350	-4.698693	1.4	7.4	13.5	38.40	
CXOMP J205618.6-043429	551	3	6	314.077850	-4.574741	1.0	0.1	3.0	41.28	055
CXOMP J205620.5-043059	551	2	6	314.085510	-4.516534	1.0	3.6	3.9	41.07	
CXOMP J205620.9-043047	551	2	4	314.087402	-4.513171	1.0	3.8	4.3	40.84	
CXOMP J205622.2-044005	551	3	5	314.092560	-4.668282	1.1	5.6	8.0	39.75	
CXOMP J205624.7-043533	551	3	4	314.103210	-4.592734	1.0	1.8	3.0	42.51	
CXOMP J205624.8-042824	551	0	9	314.103516	-4.473462	1.6	6.3	9.8	37.14	
CXOMP J205629.1-043415	551	3	2	314.121490	-4.571057	1.0	2.6	3.0	42.08	
CXOMP J205631.3-043614	551	3	1	314.130676	-4.603967	1.0	3.6	3.9	41.51	
CXOMP J205631.5-044010	551	3	10	314.131439	-4.669522	1.4	6.5	10.2	39.46	032
CXOMP J205632.5-044012	551	3	26	314.135468	-4.670052	2.0	6.6	10.6	39.34	032
CXOMP J205632.8-042650	551	0	12	314.136810	-4.447346	1.8	8.5	18.3	40.16	
CXOMP J205633.1-043434	551	1	6	314.137970	-4.576149	1.0	3.6	4.0	42.22	
CXOMP J205634.8-043451	551	1	4	314.145081	-4.580913	1.0	4.0	4.7	40.46	
CXOMP J205635.1-043945	551	3	25	314.146515	-4.662509	1.8	6.6	10.6	39.65	
CXOMP J205638.1-043753	551	1	1	314.158966	-4.631446	1.1	5.9	8.7	39.62	055
CXOMP J205638.9-043152	551	0	4	314.162201	-4.531142	1.4	5.7	8.3	42.89	
CXOMP J205648.1-042937	551	0	3	314.200470	-4.493887	1.9	8.8	19.9	40.27	
CXOMP J205649.3-042536	551	0	18	314.205688	-4.426710	5.4	11.8	34.3	37.21	
CXOMP J213958.7-233553	928	7	21	324.994598	-23.598272	1.5	6.0	8.9	26.18	
CXOMP J213958.9-233849	928	7	12	324.995819	-23.647200	1.0	3.9	4.5	28.68	
CXOMP J214001.0-234053	928	7	8	325.004181	-23.681570	1.0	3.0	3.0	27.13	
CXOMP J214001.4-234112	928	7	7	325.005920	-23.686890	1.0	2.9	3.0	25.33	
CXOMP J214003.0-233700	928	7	20	325.012634	-23.616941	1.1	4.5	5.5	28.12	
CXOMP J214004.4-233945	928	7	11	325.018677	-23.662684	1.0	2.4	3.0	27.86	
CXOMP J214006.1-234119	928	7	6	325.025787	-23.688747	1.0	1.9	3.0	27.85	
CXOMP J214007.0-233530	928	7	26	325.029358	-23.591795	1.4	5.4	7.6	27.16	
CXOMP J214010.4-233905	928	7	5	325.043732	-23.651442	1.0	1.8	3.0	27.79	
CXOMP J214014.3-234220	928	7	4	325.059936	-23.705719	1.0	1.6	3.0	27.51	
CXOMP J214014.5-233605	928	7	19	325.060821	-23.601393	1.2	4.6	5.8	27.76	
CXOMP J214018.0-234920	928	6	8	325.075015	-23.822223	1.8	8.7	19.1	35.63	
CXOMP J214018.3-234055	928	7	1	325.076355	-23.682196	1.0	1.0	3.0	28.46	
CXOMP J214019.6-233508	928	7	18	325.081726	-23.585831	1.4	5.7	8.3	27.52	032
CXOMP J214020.2-233451	928	7	17	325.084290	-23.580967	1.5	6.0	9.1	27.34	
CXOMP J214020.5-233517	928	7	16	325.085754	-23.588175	1.5	5.6	8.1	26.56	032
CXOMP J214023.6-233554	928	7	15	325.098389	-23.598539	1.0	5.3	7.2	27.78	
CXOMP J214027.1-234252	928	6	1	325.113312	-23.714560	1.0	3.7	4.2	39.96	
CXOMP J214041.4-234719	928	6	2	325.172821	-23.788862	1.0	9.1	21.2	34.56	
CXOMP J215202.6-273231	1644	7	4	328.010834	-27.542025	1.0	1.1	3.0	8.39	
CXOMP J215204.2-272847	1644	7	14	328.017792	-27.479729	1.0	3.8	4.3	9.13	
CXOMP J215206.5-273026	1644	7	3	328.027313	-27.507422	1.0	2.0	3.0	8.88	
CXOMP J215219.1-272716	1644	7	11	328.079926	-27.454704	1.4	5.8	8.4	7.72	
CXOMP J221240.1-220747	1479	1	8	333.167136	-22.129868	2.1	8.1	16.4	17.68	
CXOMP J221249.1-221131	1479	1	6	333.204742	-22.192070	1.0	5.3	7.1	18.49	
CXOMP J221251.6-221347	1479	0	6	333.215179	-22.229946	1.3	5.4	7.5	18.61	
CXOMP J221255.8-221003	1479	1	2	333.232575	-22.167610	1.0	3.8	4.4	18.05	
CXOMP J221258.1-221358	1479	0	2	333.242188	-22.232956	1.1	4.3	5.2	18.91	
CXOMP J221313.0-220423	1479	3	7	333.304260	-22.073124	1.2	6.7	10.7	18.50	
CXOMP J221318.4-221018	1479	3	3	333.326813	-22.171734	1.0	1.7	3.0	18.88	
CXOMP J221319.5-220833	1479	3	2	333.331421	-22.142651	1.0	3.1	3.1	19.42	
CXOMP J221323.2-220721	1479	3	1	333.346710	-22.122715	1.0	4.5	5.6	18.10	
CXOMP J221325.9-221642	1479	2	8	333.358276	-22.278460	1.7	6.5	10.3	18.15	055
CXOMP J221326.1-220547	1479	3	14	333.359100	-22.096500	1.3	6.2	9.6	18.38	055
CXOMP J221328.8-221148	1479	2	3	333.370026	-22.196823	1.0	4.0	4.7	18.79	
CXOMP J221333.1-221000	1479	2	2	333.388214	-22.166891	1.2	5.0	6.6	18.43	055
CXOMP J221337.8-220825	1479	3	12	333.407898	-22.140362	1.7	6.6	10.5	17.97	
CXOMP J221352.5-221552	1479	2	1	333.468994	-22.264496	2.2	10.6	28.2	16.46	
CXOMP J223531.5+340127	789	6	2	338.881348	34.024311	1.1	5.9	8.7	17.44	
CXOMP J223538.4+340610	789	6	4	338.910005	34.102941	1.5	7.8	15.4	16.92	
CXOMP J223551.8+340105	789	6	1	338.966186	34.018284	1.0	2.1	3.0	17.56	
CXOMP J223553.9+335946	789	7	7	338.974609	33.996307	1.0	1.0	3.0	18.95	
CXOMP J223606.5+335625	789	7	10	339.027130	33.940529	1.0	3.5	3.9	19.39	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J223622.2+335652	789	7	17	339.092804	33.947884	1.5	5.6	8.0	18.01	
CXOMP J224007.1+031813	431	6	1	340.029663	3.303716	1.0	6.0	9.1	25.35	
CXOMP J224021.4+032442	431	7	13	340.089294	3.411913	1.0	3.8	4.2	19.32	
CXOMP J224022.8+032451	431	7	5	340.095154	3.414269	1.0	3.8	4.2	20.22	
CXOMP J224028.5+031850	431	7	3	340.118774	3.313909	1.0	2.5	3.0	21.29	
CXOMP J224036.2+032609	431	7	22	340.150971	3.436065	1.3	5.3	7.1	20.62	
CXOMP J224041.6+032325	431	7	20	340.173737	3.390337	1.1	4.0	4.7	21.59	
CXOMP J224046.1+032325	431	7	6	340.192413	3.390401	1.2	5.0	6.5	20.76	035
CXOMP J224050.9+032309	431	7	15	340.212219	3.385851	1.3	6.0	9.1	19.86	
CXOMP J224054.5+032143	431	7	26	340.227447	3.362073	2.1	6.7	10.7	20.13	
CXOMP J224054.7+032208	431	7	25	340.228333	3.369110	1.8	6.8	10.9	19.67	
CXOMP J230209.0+084559	918	2	29	345.537740	8.766638	2.2	9.5	23.0	88.59	
CXOMP J230211.1+084654	918	2	28	345.546516	8.781878	2.7	9.1	21.2	87.50	
CXOMP J230215.2+084408	918	2	21	345.563734	8.735745	2.0	8.0	16.3	92.53	
CXOMP J230218.0+084409	918	2	12	345.575378	8.735951	1.4	7.3	13.2	91.07	
CXOMP J230221.6+084653	918	2	11	345.590271	8.781414	1.2	6.6	10.4	91.02	
CXOMP J230222.2+085024	918	2	10	345.592756	8.840244	1.0	8.1	16.6	92.21	
CXOMP J230223.1+084550	918	2	9	345.596405	8.763914	1.3	6.0	9.1	87.29	
CXOMP J230225.6+084725	918	2	8	345.606873	8.790283	1.2	5.8	8.5	96.93	032
CXOMP J230229.6+084857	918	2	7	345.623566	8.816068	1.1	5.8	8.3	93.74	
CXOMP J230231.1+083920	918	3	26	345.629608	8.655561	1.6	7.2	12.4	95.98	
CXOMP J230238.1+084956	918	0	15	345.658844	8.832377	1.0	5.2	7.0	100.00	
CXOMP J230240.2+083611	918	3	13	345.667542	8.603101	1.0	9.2	21.6	91.77	
CXOMP J230241.0+085110	918	0	13	345.671173	8.852963	1.2	6.1	9.3	93.55	
CXOMP J230241.1+084118	918	3	12	345.671600	8.688557	1.1	4.2	5.0	96.32	
CXOMP J230243.0+083946	918	3	11	345.679230	8.662987	1.1	5.6	7.9	98.88	
CXOMP J230243.0+085127	918	0	25	345.679230	8.857670	1.6	6.3	9.8	98.17	
CXOMP J230244.1+084152	918	3	4	345.683777	8.698017	1.0	3.5	3.7	103.32	
CXOMP J230245.6+085103	918	0	12	345.690369	8.850920	1.4	5.8	8.5	100.30	
CXOMP J230246.6+084819	918	0	11	345.694336	8.805444	1.0	3.1	3.1	104.52	
CXOMP J230247.0+084704	918	0	5	345.695984	8.784707	1.0	1.8	3.0	106.79	
CXOMP J230247.2+084824	918	0	4	345.696869	8.806937	1.0	3.2	3.2	104.60	
CXOMP J230247.6+084757	918	0	3	345.698334	8.799172	1.0	2.7	3.0	105.17	
CXOMP J230247.7+084228	918	3	3	345.699158	8.707906	1.0	2.8	3.0	99.60	
CXOMP J230249.0+085153	918	0	10	345.704407	8.864904	1.2	6.7	10.7	94.79	
CXOMP J230249.0+084240	918	3	2	345.704498	8.711208	1.0	2.6	3.0	104.44	
CXOMP J230250.4+084203	918	3	8	345.710236	8.700911	1.0	3.3	3.4	102.61	
CXOMP J230250.8+083558	918	3	21	345.712025	8.599455	2.9	9.3	22.1	92.64	
CXOMP J230252.0+084135	918	3	7	345.716827	8.693325	1.0	3.8	4.3	100.61	
CXOMP J230252.2+084810	918	0	2	345.717590	8.803028	1.0	3.2	3.2	99.40	
CXOMP J230254.3+083904	918	3	1	345.726624	8.651363	1.0	6.4	10.0	98.03	
CXOMP J230254.4+084426	918	1	5	345.726837	8.740653	1.0	1.9	3.0	102.34	
CXOMP J230256.1+083849	918	3	6	345.733795	8.647207	1.3	6.8	10.9	97.74	
CXOMP J230257.3+084834	918	0	1	345.739075	8.809678	1.0	4.1	4.9	102.12	
CXOMP J230259.0+084301	918	1	16	345.746063	8.716997	1.0	3.6	4.0	88.95	
CXOMP J230259.6+084443	918	1	3	345.748535	8.745295	1.0	3.1	3.0	100.98	
CXOMP J230300.9+084659	918	1	2	345.754089	8.783244	1.0	3.8	4.3	99.82	
CXOMP J230301.2+084313	918	1	1	345.755035	8.720352	1.0	4.0	4.6	97.24	
CXOMP J230302.6+084403	918	1	13	345.760864	8.734312	1.0	3.9	4.5	101.14	
CXOMP J230303.3+085037	918	0	8	345.763794	8.843697	1.8	6.7	10.7	99.59	
CXOMP J230304.0+085000	918	0	7	345.766968	8.833377	1.2	6.3	9.7	99.91	
CXOMP J230304.6+084130	918	1	10	345.769196	8.691791	1.2	5.7	8.1	89.85	
CXOMP J230307.9+084234	918	1	22	345.783203	8.709664	1.4	5.7	8.3	96.79	032
CXOMP J230311.2+085129	918	0	36	345.796921	8.858249	1.8	8.6	18.8	89.88	
CXOMP J230314.5+084845	918	1	7	345.810425	8.812503	1.5	7.6	14.2	94.48	
CXOMP J230319.3+084501	918	1	27	345.830452	8.750479	2.0	7.9	15.7	93.27	
CXOMP J230323.0+084408	918	1	19	345.845856	8.735685	2.6	8.9	20.0	91.36	
CXOMP J234806.6+010350	861	6	19	357.027527	1.064142	1.1	6.0	8.9	44.32	
CXOMP J234808.0+005813	861	7	28	357.033356	0.970326	1.0	2.6	3.0	63.32	
CXOMP J234808.3+010112	861	6	9	357.034973	1.020039	1.0	3.6	3.9	47.57	
CXOMP J234810.5+010552	861	6	18	357.044014	1.097857	1.4	7.5	14.0	44.18	
CXOMP J234811.5+005700	861	7	12	357.048096	0.950121	1.0	2.3	3.0	62.15	
CXOMP J234812.7+005750	861	7	11	357.053101	0.963905	1.0	1.5	3.0	62.63	
CXOMP J234813.2+005611	861	7	10	357.055267	0.936527	1.0	2.7	3.0	62.72	
CXOMP J234814.4+010311	861	6	6	357.060089	1.053128	1.0	4.7	5.8	46.00	
CXOMP J234816.0+010657	861	6	27	357.066686	1.115987	2.3	8.4	18.0	43.03	
CXOMP J234816.9+005436	861	7	25	357.070526	0.910120	1.1	4.0	4.7	64.11	
CXOMP J234817.9+010615	861	6	31	357.074769	1.104371	1.5	7.7	14.8	44.23	
CXOMP J234818.4+005520	861	7	23	357.076965	0.922370	1.0	3.3	3.4	64.30	
CXOMP J234818.9+005950	861	7	6	357.078949	0.997258	1.0	1.3	3.0	63.02	

Table 7 - continued

source name	obsid	ccdid	src no	RA (deg)	DEC (deg)	error (arcsec)	D_off (arcmin)	radius (arcsec)	eff_exp (ksec)	flag
CXOMP J234820.2+005437	861	7	21	357.084228	0.910372	1.0	4.0	4.7	64.08	
CXOMP J234820.8+010024	861	7	3	357.086762	1.006740	1.0	1.9	3.0	62.18	
CXOMP J234822.9+005324	861	7	37	357.095764	0.890164	1.1	5.3	7.3	60.52	
CXOMP J234823.2+010357	861	6	3	357.096954	1.066069	1.1	5.5	7.8	46.50	
CXOMP J234825.9+005549	861	7	17	357.108063	0.930401	1.0	3.4	3.6	64.38	
CXOMP J234826.2+010330	861	6	2	357.109436	1.058539	1.0	5.3	7.3	46.04	
CXOMP J234826.3+010015	861	7	2	357.109985	1.004313	1.0	2.7	3.0	61.60	
CXOMP J234828.4+005406	861	7	35	357.118469	0.901795	1.3	5.2	6.9	61.61	
CXOMP J234833.5+005828	861	7	15	357.139801	0.974496	1.0	3.9	4.4	60.83	
CXOMP J234835.3+005832	861	7	1	357.147217	0.975733	1.0	4.3	5.2	53.25	032
CXOMP J234839.3+005511	861	7	33	357.164063	0.919929	1.4	6.3	9.8	58.62	032

Table 8 X-ray Photometry

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J001758.9+163119	63.65 (11.39)	4.54 (4.76)	41.29 (8.30)	17.83 (7.47)	40.63 (8.38)	20.20 (7.86)	0.119 (0.021)
CXOMP J001801.7+163426	93.68 (12.94)	4.22 (4.63)	46.82 (8.92)	42.65 (9.26)	43.76 (8.72)	49.15 (9.92)	0.176 (0.024)
CXOMP J001807.2+163551	53.85 (10.83)	1.73 (4.06)	27.45 (7.40)	24.68 (7.91)	29.55 (7.55)	26.10 (8.29)	0.101 (0.020)
CXOMP J001807.9+163120	102.93 (11.79)	7.21 (4.30)	61.78 (9.12)	33.94 (7.41)	55.48 (8.81)	47.22 (8.42)	0.185 (0.021)
CXOMP J001808.5+163231	85.67 (11.08)	11.88 (4.99)	45.21 (8.07)	28.58 (7.09)	51.07 (8.55)	32.54 (7.50)	0.154 (0.020)
CXOMP J001809.3+162532	86.41 (11.66)	12.52 (5.38)	53.05 (8.76)	20.84 (6.98)	60.76 (9.46)	24.43 (7.39)	0.175 (0.024)
CXOMP J001810.2+163223	261.75 (17.98)	61.37 (8.93)	155.46 (13.88)	44.92 (8.81)	189.43 (15.07)	61.61 (10.06)	0.475 (0.033)
CXOMP J001810.2+162942	23.85 (6.94)	7.24 (4.14)	13.72 (5.23)	2.90 (4.00)	20.42 (5.99)	3.77 (4.32)	0.042 (0.012)
CXOMP J001817.6+163107	33.51 (7.07)	0.47 (2.33)	19.66 (5.56)	13.37 (4.98)	16.33 (5.22)	17.23 (5.45)	0.057 (0.012)
CXOMP J001818.0+163316	43.38 (8.00)	5.16 (3.61)	29.16 (6.55)	9.06 (4.60)	30.92 (6.73)	12.70 (5.12)	0.077 (0.014)
CXOMP J001821.7+161941	137.03 (17.23)	29.30 (8.26)	90.54 (12.31)	17.19 (10.18)	113.72 (13.55)	19.98 (10.74)	0.294 (0.037)
CXOMP J001825.0+163653	61.19 (9.98)	5.43 (4.15)	40.20 (7.78)	15.56 (6.12)	42.51 (8.00)	19.39 (6.59)	0.115 (0.019)
CXOMP J001827.0+162900	57.90 (8.80)	5.72 (3.60)	39.09 (7.39)	13.09 (4.85)	39.09 (7.39)	18.81 (5.56)	0.106 (0.016)
CXOMP J001828.5+162800	144.04 (13.16)	23.55 (5.98)	84.79 (10.32)	35.69 (7.15)	100.44 (11.14)	42.59 (7.70)	0.265 (0.024)
CXOMP J001828.6+163418	52.59 (8.55)	10.42 (4.43)	33.22 (6.90)	8.96 (4.44)	40.83 (7.54)	10.96 (4.72)	0.099 (0.016)
CXOMP J001831.4+162042	213.44 (17.88)	25.25 (7.29)	148.56 (14.08)	39.63 (9.71)	159.13 (14.57)	54.50 (10.80)	0.443 (0.037)
CXOMP J001833.4+163154	220.07 (15.93)	46.56 (7.91)	135.47 (12.70)	38.03 (7.31)	160.23 (13.72)	54.94 (8.54)	0.379 (0.027)
CXOMP J001836.8+163615	36.14 (7.51)	1.03 (2.97)	23.69 (5.89)	11.43 (5.01)	21.14 (5.69)	15.59 (5.49)	0.067 (0.014)
CXOMP J001837.3+163447	125.47 (12.49)	36.32 (7.15)	70.74 (9.53)	18.41 (5.79)	97.55 (10.99)	25.22 (6.47)	0.237 (0.024)
CXOMP J001837.4+163046	36.03 (7.23)	7.70 (3.96)	22.41 (5.88)	5.92 (3.79)	24.36 (6.08)	11.67 (4.72)	0.059 (0.012)
CXOMP J001837.4+163757	133.05 (14.07)	17.29 (6.01)	96.22 (11.36)	19.54 (7.31)	95.48 (11.41)	36.59 (8.74)	0.259 (0.027)
CXOMP J001837.5+163610	43.72 (8.17)	0.00 (2.97)	30.91 (6.65)	12.94 (5.13)	28.70 (6.56)	15.79 (5.49)	0.080 (0.015)
CXOMP J001837.9+163910	166.76 (16.07)	24.33 (7.03)	99.42 (11.80)	43.00 (9.69)	118.15 (12.70)	46.21 (10.15)	0.332 (0.032)
CXOMP J001838.1+163320	47.36 (8.13)	6.71 (3.79)	32.28 (6.81)	8.37 (4.29)	36.47 (7.15)	10.98 (4.72)	0.083 (0.014)
CXOMP J001845.3+163528	28.34 (7.59)	1.20 (3.21)	5.58 (4.15)	21.55 (6.49)	3.68 (3.99)	25.32 (6.93)	0.053 (0.014)
CXOMP J001845.7+163346	294.13 (18.41)	24.65 (6.18)	180.49 (14.56)	88.99 (10.69)	187.25 (14.82)	105.22 (11.54)	0.525 (0.033)
CXOMP J001850.1+162756	111.06 (11.87)	23.07 (6.09)	67.51 (9.36)	20.47 (5.89)	80.37 (10.16)	29.28 (6.74)	0.195 (0.021)
CXOMP J001853.5+162751	174.33 (14.61)	8.61 (4.45)	107.31 (11.53)	58.41 (9.00)	91.06 (10.80)	80.92 (10.33)	0.303 (0.025)
CXOMP J001854.9+162952	61.92 (9.38)	16.62 (5.34)	35.24 (7.15)	10.06 (4.87)	43.92 (7.85)	16.48 (5.69)	0.110 (0.017)
CXOMP J001859.8+162649	367.21 (20.80)	53.11 (8.68)	247.15 (16.94)	66.95 (9.96)	253.84 (17.19)	101.26 (11.79)	0.664 (0.038)
CXOMP J001905.9+162842	66.43 (11.11)	3.59 (4.32)	37.37 (7.87)	25.47 (7.75)	32.49 (7.65)	33.30 (8.46)	0.124 (0.021)
CXOMP J001909.2+163101	62.77 (12.18)	13.25 (6.16)	33.77 (8.06)	15.75 (8.07)	41.53 (8.82)	18.61 (8.57)	0.116 (0.023)
CXOMP J005716.6-273230	31.98 (9.88)	9.38 (5.00)	14.73 (6.42)	7.87 (6.91)	17.63 (6.69)	11.43 (7.48)	0.350 (0.108)
CXOMP J005717.9-271830	36.57 (7.15)	17.90 (5.33)	13.90 (4.84)	4.76 (3.40)	20.86 (5.67)	5.76 (3.60)	0.399 (0.078)
CXOMP J005724.5-273201	80.55 (10.87)	34.00 (7.07)	37.37 (7.56)	9.18 (5.38)	46.76 (8.21)	11.56 (5.82)	0.833 (0.112)
CXOMP J005724.5-273201	50.32 (9.72)	8.30 (4.77)	33.31 (7.44)	8.71 (5.68)	35.71 (7.84)	14.01 (6.39)	0.519 (0.100)
CXOMP J005729.2-273043	30.50 (7.97)	13.80 (5.11)	13.22 (5.36)	3.48 (4.76)	26.55 (6.65)	4.05 (5.03)	0.320 (0.084)
CXOMP J005730.8-273203	65.92 (9.67)	28.87 (6.55)	21.65 (5.99)	15.39 (5.58)	38.65 (7.47)	17.76 (5.90)	0.772 (0.113)
CXOMP J005730.8-273203	52.46 (9.88)	16.14 (5.60)	31.81 (7.36)	4.51 (5.34)	44.46 (8.39)	7.44 (5.90)	0.567 (0.107)
CXOMP J005732.8-273006	72.34 (10.57)	12.46 (4.99)	44.01 (8.07)	15.87 (6.22)	55.67 (8.88)	16.70 (6.41)	0.773 (0.113)
CXOMP J005745.0-272922	65.10 (9.97)	13.01 (5.11)	37.04 (7.48)	15.05 (5.81)	40.13 (7.78)	22.03 (6.58)	0.671 (0.103)
CXOMP J005759.9-272126	172.63 (14.18)	114.95 (11.76)	54.95 (8.47)	2.72 (2.94)	138.91 (12.82)	4.72 (3.40)	1.923 (0.158)
CXOMP J005800.6-272741	35.58 (7.40)	16.56 (5.34)	14.97 (5.10)	4.05 (3.62)	26.66 (6.37)	3.69 (3.62)	0.257 (0.053)
CXOMP J005803.4-272135	55.69 (8.54)	26.00 (6.17)	22.00 (5.77)	7.69 (3.96)	39.00 (7.31)	8.69 (4.13)	0.626 (0.096)
CXOMP J005811.4-272635	55.38 (8.61)	33.72 (6.90)	18.63 (5.45)	3.03 (3.19)	42.44 (7.62)	2.98 (3.19)	0.386 (0.060)
CXOMP J005813.9-272549	44.93 (7.92)	19.17 (5.56)	17.86 (5.33)	7.89 (4.13)	27.59 (6.36)	11.85 (4.72)	0.314 (0.055)
CXOMP J005814.6-275002	27.06 (6.65)	13.54 (4.98)	13.97 (4.98)	0.00 (2.35)	25.65 (6.28)	0.00 (2.35)	0.200 (0.049)
CXOMP J005819.9-272855	28.53 (6.46)	20.86 (5.67)	7.00 (3.78)	0.67 (2.33)	21.91 (5.77)	0.67 (2.33)	0.190 (0.043)
CXOMP J005827.9-275157	68.16 (9.35)	28.58 (6.46)	33.81 (6.90)	5.77 (3.60)	56.62 (8.60)	7.72 (3.96)	0.538 (0.074)
CXOMP J005828.0-275125	28.66 (6.46)	22.81 (5.88)	6.00 (3.60)	0.00 (1.87)	23.95 (5.98)	0.00 (1.87)	0.212 (0.048)
CXOMP J005828.4-273033	26.48 (6.27)	12.81 (4.71)	9.81 (4.28)	3.86 (3.18)	17.86 (5.33)	4.76 (3.40)	0.176 (0.042)
CXOMP J005834.9-272713	30.39 (6.64)	5.81 (3.60)	20.81 (5.67)	3.77 (3.18)	22.67 (5.88)	7.77 (3.96)	0.203 (0.044)
CXOMP J005836.1-275016	36.32 (7.15)	13.76 (4.84)	18.85 (5.45)	3.71 (3.18)	25.81 (6.17)	6.66 (3.79)	0.266 (0.052)
CXOMP J010117.1+315050	294.83 (20.87)	80.95 (10.99)	159.67 (14.65)	54.21 (11.49)	212.05 (16.54)	69.06 (12.51)	0.805 (0.057)
CXOMP J010117.5+315157	92.79 (15.32)	10.91 (6.68)	51.78 (9.99)	30.10 (10.66)	57.53 (10.44)	34.84 (11.34)	0.263 (0.043)
CXOMP J010123.9+314607	967.85 (32.90)	221.33 (16.22)	583.33 (25.45)	163.19 (14.78)	720.22 (28.13)	212.02 (16.60)	2.677 (0.091)
CXOMP J010136.5+314655	143.79 (12.97)	28.78 (6.28)	74.59 (9.71)	40.42 (7.41)	94.17 (10.64)	50.48 (8.08)	0.363 (0.033)
CXOMP J010136.9+315327	68.36 (11.28)	10.07 (5.26)	43.40 (8.30)	14.89 (6.98)	45.32 (8.57)	22.29 (7.78)	0.177 (0.029)
CXOMP J010141.0+314503	310.08 (18.96)	65.58 (9.30)	189.46 (14.89)	55.04 (8.88)	226.05 (16.16)	80.15 (10.39)	0.778 (0.048)
CXOMP J010148.4+314653	179.21 (14.49)	43.60 (7.69)	99.42 (11.04)	36.19 (7.15)	133.25 (12.61)	44.02 (7.77)	0.480 (0.039)
CXOMP J010148.5+315348	33.56 (8.49)	5.48 (4.16)	21.18 (6.20)	6.89 (5.53)	24.14 (6.58)	9.52 (5.96)	0.084 (0.021)
CXOMP J010151.7+314407	34.02 (7.32)	8.03 (4.13)	17.60 (5.45)	8.39 (4.45)	25.36 (6.28)	8.96 (4.59)	0.085 (0.018)
CXOMP J010200.9+315224	75.46 (10.00)	2.08 (2.95)	45.74 (7.92)	27.63 (6.56)	33.65 (6.99)	40.91 (7.70)	0.179 (0.024)
CXOMP J010204.0+315325	87.20 (10.86)	29.30 (6.64)	52.42 (8.48)	5.49 (4.31)	71.87 (9.71)	9.75 (5.00)	0.219 (0.027)
CXOMP J010204.1+313921	114.55 (14.06)	21.72 (6.88)	55.04 (9.42)	37.79 (9.17)	69.63 (10.44)	43.30 (9.71)	0.311 (0.038)
CXOMP J010207.0+314050	162.35 (14.71)	35.60 (7.48)	99.20 (11.35)	27.55 (7.35)	123.60 (12.54)	35.52 (8.10)	0.427 (0.039)
CXOMP J010208.3+315638	203.74 (17.04)	49.14 (8.83)	115.25 (12.33)	39.35 (9.32)	136.91 (13.35)	61.66 (10.76)	0.533 (0.045)
CXOMP J010214.1+314201	101.17 (11.84)	5.63 (3.98)	72.03 (9.77)	23.51 (6.76)	71.09 (9.78)	30.41 (7.43)	0.262 (0.031)
CXOMP J010220.4+315110	61.24 (9.25)	3.60 (3.41)	40.65 (7.55)	16.99 (5.57)	37.18 (7.31)	24.68 (6.38)	0.146 (0.022)
CXOMP J010222.6+315305	29.48 (7.74)	3.34 (3.62)	18.61 (5.79)	7.53 (5.14)	17.98 (5.79)	12.46 (5.82)	0.072 (0.019)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J010225.5+314353	37.55 (8.24)	5.36 (3.98)	25.78 (6.47)	6.41 (4.88)	26.82 (6.65)	11.21 (5.60)	0.098 (0.022)
CXOMP J010229.7+314519	44.64 (8.64)	5.94 (3.97)	28.89 (6.74)	9.82 (5.25)	34.46 (7.24)	10.81 (5.49)	0.111 (0.021)
CXOMP J010251.5+314553	88.05 (14.96)	13.16 (6.70)	52.90 (10.27)	22.00 (9.83)	66.72 (11.05)	21.36 (10.32)	0.245 (0.042)
CXOMP J012357.0-350409	45.24 (7.99)	14.77 (4.97)	27.88 (6.46)	2.60 (3.19)	33.88 (6.98)	8.46 (4.29)	0.576 (0.102)
CXOMP J012401.2-350308	78.48 (9.93)	33.90 (6.90)	39.81 (7.39)	4.76 (3.40)	54.81 (8.47)	9.67 (4.28)	0.936 (0.118)
CXOMP J015216.9-140028	66.50 (11.04)	14.25 (5.60)	44.96 (8.37)	7.29 (6.18)	54.52 (9.09)	9.33 (6.57)	0.231 (0.038)
CXOMP J015223.8-135020	52.28 (10.13)	5.35 (4.32)	27.43 (7.02)	19.49 (7.14)	26.48 (7.02)	21.82 (7.47)	0.178 (0.035)
CXOMP J015229.4-135247	39.24 (7.78)	6.49 (3.97)	26.72 (6.37)	6.02 (4.14)	28.02 (6.55)	11.74 (4.99)	0.130 (0.026)
CXOMP J015234.7-135929	42.17 (7.78)	6.14 (3.79)	26.23 (6.27)	9.80 (4.44)	27.85 (6.46)	14.56 (5.10)	0.135 (0.025)
CXOMP J015234.8-140205	88.11 (10.91)	28.66 (6.55)	45.41 (7.99)	14.04 (5.47)	66.16 (9.36)	19.47 (6.10)	0.291 (0.036)
CXOMP J015239.8-135740	218.59 (15.90)	13.52 (4.84)	129.18 (12.44)	75.89 (9.82)	120.89 (12.08)	97.79 (10.99)	0.678 (0.049)
CXOMP J015240.3-135044	39.66 (7.86)	10.48 (4.58)	16.79 (5.46)	12.40 (4.99)	25.35 (6.38)	14.86 (5.35)	0.126 (0.025)
CXOMP J015241.0-140008	47.78 (8.06)	12.81 (4.71)	26.56 (6.27)	8.42 (4.13)	35.51 (7.07)	10.32 (4.43)	0.151 (0.025)
CXOMP J015241.3-140205	23.92 (6.66)	6.84 (3.97)	17.93 (5.57)	0.00 (2.98)	21.50 (5.99)	0.00 (3.22)	0.078 (0.022)
CXOMP J015241.5-135919	41.03 (7.62)	0.75 (2.33)	20.51 (5.67)	19.77 (5.67)	14.61 (4.97)	26.47 (6.37)	0.128 (0.024)
CXOMP J015243.3-135034	28.66 (7.01)	4.44 (3.61)	18.14 (5.57)	6.08 (4.15)	20.73 (5.89)	7.42 (4.45)	0.091 (0.022)
CXOMP J015243.5-135053	28.97 (6.92)	3.83 (3.41)	22.73 (5.98)	2.41 (3.42)	22.53 (5.98)	6.05 (4.15)	0.091 (0.022)
CXOMP J015243.8-135900	301.25 (18.40)	82.81 (10.15)	175.77 (14.30)	42.67 (7.62)	239.67 (16.52)	53.63 (8.40)	0.933 (0.057)
CXOMP J015249.4-135439	26.60 (6.37)	4.75 (3.40)	16.65 (5.22)	5.20 (3.61)	20.60 (5.67)	6.10 (3.79)	0.077 (0.019)
CXOMP J015253.1-140405	53.58 (9.54)	12.96 (5.12)	32.98 (7.17)	7.64 (5.40)	38.21 (7.64)	13.73 (6.14)	0.174 (0.031)
CXOMP J015254.3-134759	133.93 (13.92)	31.10 (7.40)	91.55 (11.10)	11.28 (6.04)	106.47 (12.03)	19.78 (6.97)	0.484 (0.050)
CXOMP J015301.6-135603	41.61 (7.54)	13.90 (4.84)	18.85 (5.45)	8.85 (4.13)	29.80 (6.55)	9.80 (4.28)	0.122 (0.022)
CXOMP J015302.0-135023	149.09 (13.66)	5.94 (3.98)	96.29 (11.00)	46.86 (8.28)	83.48 (10.38)	65.37 (9.49)	0.474 (0.043)
CXOMP J015308.0-135801	99.91 (11.24)	26.50 (6.27)	60.32 (8.93)	13.09 (4.98)	80.23 (10.10)	18.73 (5.68)	0.329 (0.037)
CXOMP J015309.9-135221	95.44 (11.31)	17.44 (5.57)	59.17 (8.86)	18.84 (6.00)	65.10 (9.30)	29.55 (7.00)	0.301 (0.036)
CXOMP J015311.1-135104	232.69 (16.83)	42.77 (7.85)	125.05 (12.40)	64.87 (9.67)	157.72 (13.81)	70.25 (10.01)	0.758 (0.055)
CXOMP J015312.3-135723	141.52 (13.21)	29.07 (6.55)	85.21 (10.37)	27.24 (6.66)	105.09 (11.39)	34.66 (7.33)	0.440 (0.041)
CXOMP J015314.8-135729	29.57 (7.27)	0.73 (2.68)	22.88 (6.09)	5.96 (4.47)	17.27 (5.58)	12.60 (5.37)	0.097 (0.024)
CXOMP J015316.0-140317	76.43 (11.85)	16.65 (6.01)	53.26 (9.02)	6.52 (6.46)	57.41 (9.39)	16.82 (7.55)	0.254 (0.039)
CXOMP J023208.6-211723	42.52 (7.85)	29.33 (6.55)	14.00 (4.98)	0.00 (2.35)	37.90 (7.31)	0.00 (2.68)	0.390 (0.072)
CXOMP J023212.4-211651	22.60 (6.09)	10.52 (4.43)	10.47 (4.43)	1.61 (2.95)	13.23 (4.85)	4.51 (3.61)	0.205 (0.055)
CXOMP J023229.6-211816	63.71 (9.05)	29.90 (6.55)	29.90 (6.55)	3.90 (3.18)	43.86 (7.69)	7.90 (3.96)	0.568 (0.081)
CXOMP J023230.3-211757	26.42 (6.27)	9.90 (4.28)	10.86 (4.43)	5.66 (3.60)	18.86 (5.45)	6.61 (3.79)	0.237 (0.056)
CXOMP J023251.6-211720	66.28 (9.23)	25.81 (6.17)	39.81 (7.39)	0.66 (2.33)	60.71 (8.86)	2.57 (2.94)	0.713 (0.099)
CXOMP J030504.8+171654	34.67 (7.15)	1.76 (2.66)	19.14 (5.56)	13.76 (4.98)	20.14 (5.67)	14.67 (5.10)	0.483 (0.100)
CXOMP J030512.4+171731	110.48 (12.31)	13.40 (5.67)	73.21 (9.76)	23.87 (6.55)	75.05 (10.21)	32.73 (7.47)	1.541 (0.172)
CXOMP J030512.9+171726	95.56 (11.29)	12.50 (4.97)	56.26 (8.67)	26.80 (6.73)	62.21 (9.17)	31.88 (7.23)	1.315 (0.155)
CXOMP J030546.9+171403	30.33 (6.64)	4.90 (3.40)	19.86 (5.56)	5.57 (3.60)	22.86 (5.88)	6.52 (3.79)	0.389 (0.085)
CXOMP J030601.3+171830	126.57 (12.80)	15.11 (5.23)	81.51 (10.27)	29.94 (7.09)	90.61 (10.74)	36.73 (7.72)	1.775 (0.180)
CXOMP J030610.7+171105	102.13 (11.93)	16.27 (5.46)	74.95 (9.94)	10.91 (5.60)	81.95 (10.33)	18.64 (6.50)	1.497 (0.175)
CXOMP J033717.0-050455	118.19 (12.95)	19.88 (6.00)	66.47 (9.55)	31.83 (7.81)	74.61 (10.12)	41.38 (8.58)	0.317 (0.035)
CXOMP J033718.4-050214	35.42 (7.92)	4.31 (3.64)	17.99 (5.60)	13.12 (5.62)	20.98 (5.91)	14.52 (5.95)	0.105 (0.023)
CXOMP J033722.6-045905	85.74 (10.92)	32.07 (6.90)	48.84 (8.27)	4.83 (4.47)	75.35 (9.94)	7.04 (4.88)	0.252 (0.032)
CXOMP J033723.1-045602	82.77 (11.64)	11.99 (5.36)	46.96 (8.42)	23.83 (7.36)	50.89 (8.82)	28.15 (7.82)	0.246 (0.035)
CXOMP J033723.8-045832	23.20 (7.11)	5.01 (3.98)	19.03 (5.90)	0.00 (3.45)	22.05 (6.29)	0.34 (3.84)	0.066 (0.020)
CXOMP J033734.5-050237	29.93 (6.64)	3.95 (3.18)	18.66 (5.45)	7.32 (3.97)	21.66 (5.77)	8.27 (4.13)	0.073 (0.016)
CXOMP J033737.3-050427	80.77 (10.10)	8.90 (4.12)	51.61 (8.27)	20.26 (5.67)	52.61 (8.33)	28.16 (6.46)	0.197 (0.025)
CXOMP J033738.5-050236	91.44 (10.69)	8.76 (4.13)	66.46 (9.23)	16.22 (5.22)	67.32 (9.29)	23.12 (5.98)	0.222 (0.026)
CXOMP J033740.0-050415	58.62 (8.80)	9.71 (4.28)	37.67 (7.23)	11.24 (4.58)	42.62 (7.62)	16.19 (5.22)	0.142 (0.021)
CXOMP J033742.0-045704	131.38 (12.75)	14.60 (5.10)	87.65 (10.48)	29.14 (6.74)	91.89 (10.74)	36.04 (7.32)	0.362 (0.035)
CXOMP J033742.7-050253	51.00 (8.27)	6.75 (3.79)	31.85 (6.72)	12.40 (4.71)	37.60 (7.23)	13.40 (4.85)	0.122 (0.020)
CXOMP J033743.9-050525	38.50 (7.39)	0.61 (2.33)	26.71 (6.27)	11.18 (4.58)	23.52 (5.98)	15.08 (5.10)	0.093 (0.018)
CXOMP J033750.1-050817	32.04 (8.63)	3.63 (4.00)	21.05 (6.88)	7.36 (5.03)	23.64 (7.30)	8.32 (5.28)	0.081 (0.022)
CXOMP J033751.2-050050	32.68 (6.90)	1.76 (2.66)	22.72 (5.88)	8.20 (4.13)	19.48 (5.56)	13.20 (4.85)	0.076 (0.016)
CXOMP J033752.4-045549	179.75 (14.98)	20.24 (5.89)	102.31 (11.34)	57.20 (9.13)	107.47 (11.63)	70.31 (9.95)	0.468 (0.039)
CXOMP J033753.0-050613	36.82 (7.64)	0.00 (1.89)	27.43 (6.56)	10.81 (4.72)	16.62 (5.57)	20.43 (5.89)	0.088 (0.018)
CXOMP J033753.4-050319	22.38 (5.98)	2.48 (2.94)	18.81 (5.45)	1.10 (2.67)	18.48 (5.45)	4.00 (3.41)	0.052 (0.014)
CXOMP J033756.2-045509	57.30 (10.28)	11.90 (5.37)	37.68 (7.79)	7.73 (5.73)	46.61 (8.50)	11.39 (6.34)	0.147 (0.026)
CXOMP J033756.8-050047	26.65 (6.47)	4.44 (3.40)	19.53 (5.56)	2.68 (3.19)	21.34 (5.77)	5.40 (3.80)	0.063 (0.015)
CXOMP J033757.8-050000	110.53 (11.72)	7.33 (3.96)	30.91 (6.73)	72.29 (9.65)	26.72 (6.37)	84.05 (10.32)	0.263 (0.028)
CXOMP J033800.3-050953	98.85 (13.27)	17.01 (6.35)	52.66 (9.50)	29.18 (8.17)	67.35 (10.46)	31.96 (8.59)	0.270 (0.036)
CXOMP J033800.4-050811	89.10 (11.92)	15.92 (5.91)	53.23 (9.15)	19.95 (6.50)	56.57 (9.52)	27.30 (7.27)	0.224 (0.030)
CXOMP J033804.2-050312	171.51 (14.34)	34.58 (7.07)	104.53 (11.34)	32.39 (6.99)	122.76 (12.22)	44.12 (7.92)	0.446 (0.037)
CXOMP J033812.3-050252	73.88 (10.68)	13.12 (5.11)	47.10 (8.28)	13.65 (6.02)	51.19 (8.62)	19.24 (6.69)	0.194 (0.028)
CXOMP J033904.4-352512	27.59 (13.27)	16.25 (9.81)	10.51 (8.44)	0.82 (5.35)	23.89 (11.60)	0.00 (5.60)	0.051 (0.024)
CXOMP J033906.9-352428	37.70 (11.14)	8.06 (6.58)	20.76 (8.03)	8.88 (5.86)	23.11 (9.08)	10.70 (6.27)	0.064 (0.019)
CXOMP J033907.0-352518	28.88 (10.91)	12.98 (7.16)	7.30 (7.18)	8.60 (5.84)	20.72 (9.06)	8.04 (6.06)	0.049 (0.018)
CXOMP J033909.6-352707	115.21 (13.88)	48.67 (9.22)	53.27 (9.70)	13.26 (5.92)	87.82 (11.91)	13.24 (6.12)	0.196 (0.024)
CXOMP J033911.0-352432	79.55 (12.03)	34.11 (8.03)	37.36 (8.52)	8.08 (5.14)	57.34 (10.16)	10.33 (5.60)	0.131 (0.020)
CXOMP J033912.0-352612	36.95 (10.43)	21.09 (7.37)	13.31 (7.14)	2.55 (4.48)	24.38 (8.69)	3.61 (4.90)	0.062 (0.018)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J033914.8-352413	32.38 (8.74)	10.35 (5.49)	14.88 (6.22)	7.15 (4.74)	24.82 (7.44)	5.70 (4.75)	0.052 (0.014)
CXOMP J033915.9-352535	23.87 (7.91)	5.72 (4.89)	15.97 (6.12)	2.18 (3.82)	16.20 (6.60)	4.48 (4.32)	0.037 (0.012)
CXOMP J033917.6-352529	83.32 (10.97)	37.17 (7.56)	27.28 (6.92)	18.86 (5.79)	52.54 (8.95)	19.47 (5.89)	0.128 (0.017)
CXOMP J033918.3-352807	43.05 (8.57)	25.10 (6.47)	16.21 (5.80)	1.74 (3.43)	25.65 (6.84)	5.14 (4.15)	0.078 (0.015)
CXOMP J033922.4-352529	32.51 (7.33)	19.00 (5.68)	8.19 (4.45)	5.33 (3.80)	19.19 (5.89)	8.09 (4.29)	0.050 (0.011)
CXOMP J033924.5-352319	49.13 (8.96)	31.05 (7.00)	14.48 (5.59)	3.60 (3.81)	27.50 (7.01)	3.69 (3.99)	0.075 (0.014)
CXOMP J033925.5-352123	33.89 (9.26)	23.33 (6.85)	11.77 (6.33)	0.00 (3.65)	25.11 (7.91)	0.00 (3.85)	0.054 (0.015)
CXOMP J033926.6-352409	51.59 (8.62)	25.29 (6.28)	18.72 (5.68)	7.58 (4.13)	35.87 (7.32)	10.24 (4.58)	0.081 (0.014)
CXOMP J033927.5-352449	66.95 (9.48)	40.83 (7.54)	21.24 (5.88)	4.87 (3.61)	45.52 (7.99)	6.60 (3.97)	0.123 (0.017)
CXOMP J033930.7-352610	30.46 (7.00)	10.57 (4.58)	17.61 (5.57)	2.28 (2.95)	25.13 (6.38)	4.00 (3.41)	0.048 (0.011)
CXOMP J033931.7-352745	63.19 (9.37)	21.28 (5.88)	32.53 (6.99)	9.37 (4.44)	47.84 (8.21)	12.05 (4.85)	0.107 (0.016)
CXOMP J033935.1-352132	74.18 (10.68)	47.27 (8.35)	29.04 (7.18)	0.00 (2.71)	65.59 (9.85)	0.00 (2.99)	0.125 (0.018)
CXOMP J033935.1-352351	22.59 (6.29)	11.78 (4.72)	8.70 (4.44)	2.12 (2.95)	14.06 (5.23)	1.87 (2.95)	0.036 (0.010)
CXOMP J033938.2-352351	139.22 (13.04)	65.60 (9.24)	56.88 (8.74)	16.75 (5.34)	98.35 (11.09)	18.46 (5.56)	0.222 (0.021)
CXOMP J033939.7-352342	30.36 (7.00)	0.00 (2.34)	22.88 (6.09)	7.59 (4.13)	20.58 (5.89)	9.24 (4.44)	0.048 (0.011)
CXOMP J033940.2-353040	90.00 (10.96)	19.96 (5.67)	53.33 (8.68)	16.71 (5.46)	68.83 (9.66)	21.17 (5.99)	0.211 (0.026)
CXOMP J033942.8-352409	386.73 (20.83)	210.02 (15.59)	151.02 (13.40)	25.69 (6.28)	267.00 (17.46)	41.50 (7.62)	0.602 (0.032)
CXOMP J033945.8-352918	52.38 (8.55)	18.24 (5.45)	26.05 (6.37)	8.10 (4.13)	40.62 (7.62)	10.76 (4.58)	0.122 (0.020)
CXOMP J033949.7-352348	40.54 (8.08)	4.63 (3.80)	23.74 (6.38)	12.16 (4.85)	27.63 (6.83)	13.73 (5.11)	0.064 (0.013)
CXOMP J033950.5-352537	85.93 (10.48)	34.52 (6.98)	44.38 (7.85)	7.03 (3.97)	68.12 (9.42)	9.92 (4.44)	0.198 (0.024)
CXOMP J034003.3-352505	58.46 (9.63)	26.22 (6.47)	28.39 (7.09)	3.85 (3.99)	42.73 (8.29)	7.32 (4.60)	0.144 (0.024)
CXOMP J034004.4-353009	51.78 (10.12)	7.23 (4.74)	31.94 (7.89)	12.61 (5.82)	39.88 (8.72)	12.41 (5.93)	0.129 (0.025)
CXOMP J034015.4-352848	378.19 (22.02)	123.69 (12.77)	196.86 (16.11)	57.64 (9.75)	270.51 (18.59)	77.83 (10.99)	1.005 (0.058)
CXOMP J034016.6-352937	54.54 (12.86)	10.43 (6.34)	43.00 (10.26)	1.10 (6.28)	51.86 (11.21)	0.45 (6.67)	0.141 (0.033)
CXOMP J034026.5-352733	88.90 (16.43)	8.68 (7.57)	58.96 (12.35)	21.26 (9.21)	48.84 (12.60)	35.39 (10.51)	0.240 (0.044)
CXOMP J045353.9-030250	32.61 (7.98)	5.45 (4.16)	17.41 (5.80)	9.74 (5.14)	21.85 (6.30)	10.84 (5.39)	0.071 (0.017)
CXOMP J045355.6-030408	19.02 (7.71)	3.58 (4.17)	18.29 (6.11)	0.00 (4.21)	16.01 (6.02)	1.80 (5.05)	0.038 (0.016)
CXOMP J045356.3-025837	522.65 (23.98)	157.90 (13.64)	268.84 (17.46)	95.92 (10.95)	379.41 (20.54)	117.67 (12.00)	1.126 (0.052)
CXOMP J045356.7-030225	28.41 (7.34)	0.17 (2.97)	8.08 (4.45)	20.16 (6.10)	8.31 (4.59)	21.49 (6.29)	0.055 (0.014)
CXOMP J045407.1-025400	95.08 (11.00)	28.15 (6.46)	49.10 (8.13)	17.83 (5.57)	71.82 (9.59)	22.54 (6.09)	0.247 (0.029)
CXOMP J045409.5-024855	54.64 (12.35)	14.52 (6.65)	31.25 (8.29)	8.87 (7.72)	37.67 (9.17)	13.05 (8.31)	0.155 (0.035)
CXOMP J045418.4-025202	57.04 (9.57)	11.90 (4.99)	33.27 (7.16)	11.87 (5.60)	41.87 (7.93)	13.24 (5.81)	0.150 (0.025)
CXOMP J045419.2-030519	30.85 (8.90)	13.13 (5.82)	15.32 (5.81)	2.40 (5.18)	20.37 (6.50)	4.92 (5.65)	0.065 (0.019)
CXOMP J045419.6-030419	1110.07 (34.63)	576.15 (25.17)	433.45 (21.93)	100.47 (11.50)	734.15 (28.22)	142.66 (13.38)	2.264 (0.071)
CXOMP J045421.9-025815	60.78 (8.99)	5.72 (3.60)	18.20 (5.45)	36.87 (7.23)	18.20 (5.45)	41.63 (7.62)	0.119 (0.018)
CXOMP J045422.1-025124	290.92 (18.89)	54.92 (8.88)	186.18 (14.93)	49.82 (9.09)	217.32 (16.11)	69.89 (10.36)	0.777 (0.050)
CXOMP J045422.6-030034	120.27 (12.13)	60.35 (8.86)	47.96 (8.06)	11.96 (4.72)	80.86 (10.10)	17.81 (5.45)	0.239 (0.024)
CXOMP J045424.7-025849	105.71 (11.43)	33.25 (6.90)	49.58 (8.13)	22.88 (5.98)	65.39 (9.17)	30.83 (6.73)	0.211 (0.023)
CXOMP J045426.1-030012	73.37 (9.89)	29.46 (6.64)	33.89 (6.98)	10.02 (4.58)	55.50 (8.61)	12.88 (4.98)	0.147 (0.020)
CXOMP J051921.4-454233	42.86 (8.44)	14.34 (5.23)	18.09 (5.68)	10.43 (5.13)	30.44 (6.91)	11.78 (5.36)	0.127 (0.025)
CXOMP J051926.2-454554	2955.24 (55.43)	1373.90 (38.11)	1316.55 (37.33)	264.80 (17.34)	2135.15 (47.26)	403.55 (21.15)	8.251 (0.155)
CXOMP J051929.4-454852	42.02 (7.78)	3.20 (3.19)	26.20 (6.27)	12.61 (4.85)	25.86 (6.27)	15.56 (5.22)	0.119 (0.022)
CXOMP J051930.1-454005	26.51 (7.92)	2.63 (3.83)	22.36 (6.39)	1.51 (4.50)	17.21 (6.01)	6.96 (5.40)	0.078 (0.023)
CXOMP J051945.9-454502	40.89 (7.62)	14.47 (4.97)	21.28 (5.77)	5.14 (3.61)	27.04 (6.37)	10.04 (4.44)	0.117 (0.022)
CXOMP J051958.8-454342	36.67 (7.31)	8.24 (4.13)	24.57 (6.08)	3.86 (3.41)	28.00 (6.46)	6.72 (3.97)	0.105 (0.021)
CXOMP J051959.0-454449	678.06 (27.11)	404.94 (21.17)	264.78 (17.34)	8.34 (4.13)	560.23 (24.72)	16.04 (5.22)	1.934 (0.077)
CXOMP J054211.2-405749	59.52 (9.81)	8.48 (4.60)	41.38 (7.86)	9.66 (5.38)	47.27 (8.35)	12.80 (5.82)	0.167 (0.027)
CXOMP J054218.3-410021	30.50 (7.34)	0.85 (2.67)	20.74 (5.89)	8.91 (4.87)	20.41 (5.89)	9.38 (5.00)	0.080 (0.019)
CXOMP J054219.5-405506	75.58 (10.28)	13.38 (4.98)	49.64 (8.27)	12.55 (5.36)	58.23 (8.87)	14.95 (5.69)	0.207 (0.028)
CXOMP J054224.2-410141	34.16 (7.41)	5.21 (3.61)	22.19 (5.98)	6.75 (4.30)	26.82 (6.46)	7.57 (4.45)	0.091 (0.020)
CXOMP J054225.9-405846	168.20 (14.11)	36.47 (7.15)	98.28 (10.99)	33.46 (6.99)	120.23 (12.04)	43.12 (7.77)	0.423 (0.035)
CXOMP J054228.1-405556	56.28 (8.81)	34.28 (6.98)	21.13 (5.78)	0.87 (2.96)	52.18 (8.34)	0.54 (2.96)	0.142 (0.022)
CXOMP J054230.5-410405	50.47 (9.02)	10.59 (4.72)	26.82 (6.56)	13.06 (5.59)	29.71 (6.91)	18.00 (6.21)	0.124 (0.022)
CXOMP J054232.8-405627	50.66 (8.34)	3.67 (3.18)	28.38 (6.46)	18.62 (5.56)	28.43 (6.46)	22.38 (5.98)	0.125 (0.021)
CXOMP J054234.1-405836	143.97 (13.08)	10.63 (4.43)	93.77 (10.74)	39.58 (7.39)	92.53 (10.68)	48.53 (8.06)	0.367 (0.033)
CXOMP J054237.6-405540	43.68 (7.85)	3.43 (3.19)	27.17 (6.37)	13.07 (4.85)	24.76 (6.18)	18.97 (5.56)	0.100 (0.018)
CXOMP J054239.0-410438	43.26 (8.29)	0.00 (2.35)	22.11 (5.99)	22.24 (6.29)	19.14 (5.79)	24.51 (6.57)	0.106 (0.020)
CXOMP J054240.8-405626	54.96 (8.54)	0.73 (2.33)	7.73 (3.96)	46.51 (7.91)	2.51 (2.95)	52.51 (8.33)	0.131 (0.020)
CXOMP J054240.8-405514	5236.29 (77.76)	1113.76 (36.25)	3092.82 (59.72)	1029.71 (36.26)	3786.16 (65.59)	1315.41 (40.87)	11.972 (0.173)
CXOMP J054242.5-405834	206.80 (15.45)	51.76 (8.26)	127.61 (12.35)	27.42 (6.37)	164.57 (13.88)	39.23 (7.39)	0.517 (0.039)
CXOMP J054245.6-410607	59.21 (9.92)	11.47 (4.99)	30.71 (7.08)	17.02 (6.31)	34.01 (7.41)	22.40 (6.94)	0.152 (0.025)
CXOMP J054246.0-405803	59.27 (8.80)	0.00 (1.87)	18.66 (5.45)	40.61 (7.46)	10.72 (4.43)	48.55 (8.06)	0.144 (0.021)
CXOMP J054248.2-410140	96.68 (10.94)	20.85 (5.67)	57.37 (8.67)	18.46 (5.45)	72.37 (9.59)	23.32 (5.98)	0.221 (0.025)
CXOMP J054248.5-405310	201.81 (15.50)	6.44 (3.97)	102.01 (11.24)	93.36 (10.90)	80.78 (10.16)	120.55 (12.22)	0.484 (0.037)
CXOMP J054251.4-410205	126.21 (12.35)	18.71 (5.45)	84.32 (10.26)	23.18 (5.98)	91.32 (10.63)	34.89 (7.07)	0.290 (0.028)
CXOMP J054255.0-405956	166.25 (14.12)	32.19 (6.81)	101.72 (11.24)	32.34 (6.90)	124.29 (12.31)	41.96 (7.70)	0.372 (0.032)
CXOMP J054259.5-410241	63.04 (9.24)	8.26 (4.13)	31.74 (6.82)	23.05 (6.08)	37.37 (7.31)	25.91 (6.37)	0.153 (0.022)
CXOMP J054304.3-410313	88.76 (10.80)	14.63 (5.10)	57.35 (8.74)	16.79 (5.57)	66.20 (9.30)	22.31 (6.19)	0.213 (0.026)
CXOMP J054313.5-410352	57.37 (9.51)	15.77 (5.34)	32.50 (7.08)	9.10 (5.26)	40.25 (7.71)	17.03 (6.21)	0.139 (0.023)
CXOMP J054319.2-405750	478.29 (23.10)	146.13 (13.20)	262.74 (17.31)	69.43 (9.66)	371.00 (20.36)	90.69 (10.85)	1.114 (0.054)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J054320.2-410154	27282.34 (166.29)	2638.71 (52.41)	12631.64 (113.45)	12012.00 (110.70)	12804.07 (114.21)	14089.37 (119.81)	66.458 (0.405)
CXOMP J054320.6-405619	52.89 (9.15)	0.00 (2.35)	24.88 (6.38)	29.02 (7.09)	20.48 (5.99)	33.09 (7.49)	0.124 (0.021)
CXOMP J054330.4-405746	57.65 (10.28)	0.24 (3.84)	19.04 (6.21)	38.36 (8.24)	11.44 (5.60)	48.04 (9.03)	0.140 (0.025)
CXOMP J074052.3+310824	30.98 (7.42)	3.02 (3.42)	18.88 (5.68)	9.08 (4.87)	15.40 (5.35)	14.41 (5.58)	0.092 (0.022)
CXOMP J074056.1+311208	48.07 (8.13)	15.29 (5.10)	23.72 (5.98)	9.06 (4.29)	31.39 (6.73)	14.01 (4.98)	0.142 (0.024)
CXOMP J074103.7+311103	21.84 (5.88)	8.81 (4.13)	11.61 (4.57)	1.42 (2.67)	18.61 (5.45)	1.32 (2.67)	0.063 (0.017)
CXOMP J074108.8+311346	86.54 (10.43)	53.85 (8.40)	33.66 (6.90)	0.00 (1.89)	73.71 (9.65)	0.00 (2.34)	0.251 (0.030)
CXOMP J074112.7+310849	48.63 (8.20)	17.72 (5.33)	28.57 (6.46)	2.34 (3.20)	42.57 (7.62)	5.24 (3.80)	0.139 (0.023)
CXOMP J074116.4+310929	34.80 (7.15)	0.00 (1.88)	25.43 (6.18)	9.76 (4.44)	22.47 (5.88)	12.56 (4.85)	0.102 (0.021)
CXOMP J074118.8+311434	69.39 (9.41)	31.00 (6.64)	36.80 (7.15)	1.60 (2.67)	64.80 (9.11)	2.60 (2.94)	0.272 (0.037)
CXOMP J074119.9+310830	26.92 (6.65)	12.14 (4.72)	10.85 (4.58)	3.93 (3.62)	19.94 (5.67)	5.60 (3.98)	0.078 (0.019)
CXOMP J082726.2+291601	42.14 (7.62)	25.76 (6.17)	16.81 (5.22)	0.00 (1.88)	37.71 (7.23)	0.52 (2.33)	0.317 (0.057)
CXOMP J082732.5+291821	217.38 (15.79)	104.81 (11.28)	91.72 (10.63)	20.86 (5.67)	152.76 (13.40)	29.72 (6.55)	1.671 (0.121)
CXOMP J082737.7+291526	69.84 (9.54)	34.37 (6.98)	29.47 (6.55)	5.99 (3.79)	50.37 (8.20)	7.89 (4.13)	0.543 (0.074)
CXOMP J083117.9+524111	27.17 (6.74)	15.90 (5.22)	9.47 (4.44)	1.80 (3.20)	18.33 (5.57)	4.37 (3.81)	0.325 (0.081)
CXOMP J083205.2+524351	31.33 (6.82)	10.46 (4.43)	17.46 (5.33)	3.41 (3.19)	25.26 (6.18)	6.41 (3.79)	0.372 (0.081)
CXOMP J084030.4+130932	315.62 (19.18)	49.71 (8.27)	195.59 (15.14)	70.33 (9.90)	206.59 (15.52)	101.11 (11.54)	1.155 (0.070)
CXOMP J084030.9+131015	38.69 (8.01)	15.20 (5.22)	18.15 (5.68)	5.35 (4.31)	27.01 (6.56)	9.54 (5.00)	0.134 (0.028)
CXOMP J084036.7+131525	32.34 (7.17)	6.33 (3.79)	18.98 (5.68)	7.04 (4.14)	21.67 (5.99)	9.73 (4.59)	0.129 (0.029)
CXOMP J084039.0+130916	51.50 (8.82)	28.61 (6.55)	22.60 (6.09)	0.30 (3.44)	36.70 (7.31)	5.58 (4.46)	0.176 (0.030)
CXOMP J084039.7+131344	31.62 (6.91)	6.81 (3.79)	23.33 (5.98)	1.48 (2.95)	23.33 (5.98)	7.33 (4.14)	0.108 (0.024)
CXOMP J084040.8+131726	95.24 (11.00)	11.71 (4.57)	59.00 (8.80)	24.53 (6.28)	63.29 (9.05)	31.10 (6.91)	0.336 (0.039)
CXOMP J084043.1+131823	51.79 (8.75)	9.62 (4.44)	34.43 (7.07)	7.73 (4.60)	36.15 (7.23)	15.30 (5.58)	0.185 (0.031)
CXOMP J084043.4+131305	39.60 (7.55)	12.67 (4.71)	21.20 (5.77)	5.73 (3.80)	30.11 (6.64)	8.59 (4.29)	0.141 (0.027)
CXOMP J084044.7+130713	60.05 (10.04)	49.41 (8.34)	9.92 (5.13)	0.71 (4.49)	55.07 (8.88)	0.00 (4.64)	0.220 (0.037)
CXOMP J084044.8+130806	36.19 (8.02)	19.64 (5.78)	12.01 (4.99)	4.54 (4.47)	25.82 (6.47)	4.67 (4.62)	0.127 (0.028)
CXOMP J084052.1+131822	85.23 (10.65)	1.91 (2.95)	44.25 (7.84)	39.07 (7.63)	38.06 (7.39)	46.60 (8.21)	0.304 (0.038)
CXOMP J084054.3+131456	401.91 (21.10)	65.75 (9.17)	253.65 (16.96)	82.50 (10.15)	299.45 (18.34)	100.45 (11.09)	1.339 (0.070)
CXOMP J084055.8+130800	23.32 (7.11)	15.70 (5.46)	7.18 (4.30)	0.44 (3.83)	18.99 (5.79)	0.00 (3.84)	0.083 (0.025)
CXOMP J084102.5+131313	62.16 (9.05)	22.62 (5.88)	30.34 (6.64)	9.20 (4.29)	44.24 (7.77)	12.15 (4.71)	0.222 (0.032)
CXOMP J084812.3+445656	212.09 (18.17)	25.75 (7.28)	133.76 (13.40)	52.58 (11.16)	142.00 (13.84)	70.48 (12.29)	0.202 (0.017)
CXOMP J084812.3+445656	95.21 (12.61)	12.59 (5.48)	60.87 (9.44)	21.75 (7.70)	68.51 (9.96)	25.43 (8.21)	0.181 (0.024)
CXOMP J084818.4+444844	130.90 (16.44)	23.39 (7.70)	80.40 (11.55)	27.10 (10.15)	100.03 (12.56)	29.44 (10.70)	0.131 (0.017)
CXOMP J084818.4+444844	55.22 (11.56)	12.89 (5.82)	31.42 (7.97)	10.91 (7.42)	35.31 (8.25)	12.93 (7.96)	0.113 (0.024)
CXOMP J084821.0+445647	23.10 (7.37)	1.36 (3.21)	20.94 (6.10)	0.81 (4.34)	18.18 (5.90)	5.49 (5.15)	0.044 (0.014)
CXOMP J084821.0+445647	29.42 (8.88)	0.00 (3.45)	24.19 (6.66)	5.83 (6.06)	21.18 (6.58)	7.63 (6.45)	0.028 (0.009)
CXOMP J084822.2+445627	143.43 (14.12)	29.79 (7.00)	82.08 (10.44)	31.56 (7.97)	102.16 (11.54)	41.34 (8.79)	0.133 (0.013)
CXOMP J084822.2+445627	58.52 (9.51)	11.65 (4.86)	36.08 (7.32)	10.79 (5.37)	41.32 (7.78)	16.61 (6.12)	0.109 (0.018)
CXOMP J084825.2+444807	80.35 (12.13)	30.13 (7.26)	48.87 (8.83)	1.35 (5.98)	68.36 (10.02)	4.06 (6.65)	0.159 (0.024)
CXOMP J084825.2+444807	132.81 (15.87)	31.52 (8.12)	84.49 (11.39)	16.80 (8.99)	104.90 (12.40)	26.74 (10.02)	0.131 (0.016)
CXOMP J084827.2+445433	81.73 (10.44)	21.92 (5.88)	47.41 (8.06)	12.40 (5.11)	63.08 (9.12)	17.84 (5.79)	0.155 (0.020)
CXOMP J084827.2+445433	145.30 (13.58)	61.21 (8.99)	52.89 (8.54)	31.21 (7.25)	100.32 (11.24)	38.36 (7.86)	0.138 (0.013)
CXOMP J084827.5+445604	42.13 (8.51)	2.61 (3.42)	16.67 (5.57)	22.84 (6.58)	16.58 (5.69)	26.00 (6.93)	0.039 (0.008)
CXOMP J084830.2+445605	33.14 (7.57)	4.31 (3.61)	17.91 (5.57)	10.93 (5.12)	20.21 (5.89)	12.18 (5.36)	0.030 (0.007)
CXOMP J084831.5+445343	28.12 (7.26)	11.17 (4.72)	17.40 (5.57)	0.00 (3.44)	25.72 (6.47)	0.78 (3.83)	0.025 (0.006)
CXOMP J084836.2+445250	117.20 (12.14)	19.12 (5.56)	74.64 (9.77)	23.44 (6.29)	87.29 (10.48)	27.00 (6.65)	0.106 (0.011)
CXOMP J084836.2+445250	46.60 (8.06)	9.72 (4.28)	21.34 (5.77)	15.54 (5.22)	28.20 (6.46)	17.44 (5.45)	0.086 (0.015)
CXOMP J084837.0+444818	212.73 (16.29)	59.09 (9.00)	124.95 (12.45)	28.70 (7.34)	157.91 (13.85)	43.36 (8.51)	0.412 (0.032)
CXOMP J084837.0+444818	406.56 (22.14)	100.67 (11.45)	236.87 (16.73)	69.02 (10.58)	305.80 (18.81)	87.05 (11.63)	0.391 (0.021)
CXOMP J084837.5+445710	53.19 (8.88)	2.13 (3.20)	31.33 (6.82)	19.73 (6.00)	25.20 (6.38)	28.48 (6.83)	0.047 (0.008)
CXOMP J084837.7+445744	41.10 (8.15)	3.05 (3.42)	22.71 (6.09)	15.33 (5.58)	23.29 (6.19)	17.62 (5.90)	0.037 (0.007)
CXOMP J084837.9+445352	32.46 (7.16)	0.04 (2.34)	21.67 (5.88)	10.75 (4.72)	14.53 (5.10)	17.25 (5.57)	0.030 (0.007)
CXOMP J084840.3+445800	418.00 (21.57)	75.52 (9.76)	249.60 (16.87)	92.88 (10.79)	292.65 (18.17)	117.45 (12.00)	0.762 (0.039)
CXOMP J084840.3+445800	644.22 (26.56)	107.73 (11.48)	386.35 (20.72)	150.15 (13.49)	445.02 (22.16)	190.67 (15.04)	0.590 (0.024)
CXOMP J084840.5+445731	103.15 (11.49)	7.00 (3.97)	64.53 (9.18)	31.62 (6.99)	66.24 (9.30)	37.20 (7.48)	0.093 (0.010)
CXOMP J084840.5+445731	57.12 (8.87)	2.47 (2.94)	38.85 (7.39)	15.80 (5.34)	38.75 (7.39)	18.51 (5.68)	0.104 (0.016)
CXOMP J084846.0+445944	25.15 (6.93)	0.00 (2.35)	5.96 (3.97)	20.41 (6.10)	4.36 (3.80)	21.71 (6.29)	0.048 (0.013)
CXOMP J084846.0+445944	51.29 (9.46)	0.00 (2.97)	15.37 (5.58)	36.60 (7.95)	7.61 (4.74)	44.33 (8.57)	0.048 (0.009)
CXOMP J084846.6+445358	31.58 (6.99)	1.40 (2.67)	23.35 (5.98)	6.82 (4.14)	22.96 (5.98)	8.72 (4.44)	0.028 (0.006)
CXOMP J084854.0+450230	84.28 (11.92)	17.96 (6.13)	62.92 (9.57)	3.41 (5.57)	75.02 (10.36)	8.13 (6.30)	0.163 (0.023)
CXOMP J084854.0+450230	185.88 (17.30)	57.93 (9.66)	116.81 (12.76)	11.14 (8.33)	159.08 (14.59)	18.70 (9.13)	0.180 (0.017)
CXOMP J084854.4+445149	94.07 (10.79)	13.77 (4.84)	50.91 (8.19)	29.39 (6.55)	56.86 (8.60)	35.35 (7.07)	0.178 (0.020)
CXOMP J084854.4+445149	171.61 (14.26)	24.28 (6.08)	100.05 (11.09)	47.28 (8.06)	108.85 (11.53)	58.95 (8.87)	0.153 (0.013)
CXOMP J084856.7+445225	31.16 (6.82)	8.68 (4.13)	14.49 (4.97)	7.99 (4.13)	21.36 (5.77)	9.85 (4.44)	0.061 (0.013)
CXOMP J084856.7+445225	76.07 (9.94)	19.67 (5.56)	35.20 (7.07)	21.20 (5.88)	52.39 (8.33)	23.83 (6.18)	0.071 (0.009)
CXOMP J084857.7+445607	40.00 (7.63)	2.29 (2.95)	32.38 (6.81)	5.33 (3.80)	31.95 (6.82)	8.09 (4.29)	0.034 (0.007)
CXOMP J084858.0+445434	704.80 (27.61)	191.57 (14.88)	426.43 (21.68)	86.80 (10.42)	573.09 (24.98)	116.75 (11.90)	1.260 (0.049)
CXOMP J084858.0+445434	1254.38 (36.48)	372.06 (20.33)	705.11 (27.59)	177.21 (14.41)	994.45 (32.57)	230.07 (16.26)	1.090 (0.032)
CXOMP J084900.4+444702	516.53 (25.12)	8.61 (5.73)	263.94 (17.78)	243.98 (17.72)	212.49 (16.22)	302.52 (19.51)	0.497 (0.024)
CXOMP J084900.4+444702	260.55 (18.12)	2.32 (4.17)	133.43 (12.97)	124.80 (12.90)	104.22 (11.74)	159.28 (14.37)	0.527 (0.037)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J084902.2+450003	167.82 (14.78)	1.82 (3.64)	57.85 (9.00)	108.15 (11.97)	40.71 (7.94)	128.01 (12.89)	0.153 (0.014)
CXOMP J084902.2+450003	73.99 (10.18)	2.06 (3.20)	23.84 (6.18)	48.09 (8.35)	16.20 (5.46)	57.34 (9.00)	0.139 (0.019)
CXOMP J084902.4+445705	57.56 (8.74)	0.71 (2.33)	32.71 (6.81)	24.14 (6.08)	28.52 (6.46)	29.09 (6.55)	0.104 (0.016)
CXOMP J084902.4+445705	150.39 (13.45)	0.17 (2.34)	103.27 (11.24)	46.95 (8.06)	85.07 (10.32)	65.66 (9.30)	0.132 (0.012)
CXOMP J084902.5+450039	102.33 (11.80)	28.49 (6.65)	55.02 (8.68)	18.82 (6.22)	79.00 (10.17)	21.94 (6.60)	0.195 (0.022)
CXOMP J084902.5+450039	270.81 (18.34)	68.44 (9.67)	158.79 (13.89)	43.58 (8.80)	201.48 (15.50)	53.68 (9.54)	0.250 (0.017)
CXOMP J084904.5+445320	123.53 (12.31)	8.60 (4.13)	77.11 (9.88)	37.82 (7.39)	75.76 (9.82)	47.77 (8.13)	0.107 (0.011)
CXOMP J084904.5+445320	49.32 (8.20)	6.76 (3.79)	26.47 (6.27)	16.09 (5.22)	29.28 (6.55)	20.04 (5.67)	0.090 (0.015)
CXOMP J084905.0+445713	281.05 (17.85)	66.62 (9.23)	166.43 (13.95)	48.00 (8.06)	205.19 (15.38)	65.90 (9.24)	0.512 (0.033)
CXOMP J084905.0+445713	616.54 (25.94)	173.38 (14.22)	344.48 (19.62)	98.68 (11.09)	468.48 (22.70)	124.20 (12.31)	0.547 (0.023)
CXOMP J084905.2+445202	50.29 (8.41)	0.00 (1.88)	16.94 (5.34)	34.07 (7.07)	10.75 (4.58)	39.64 (7.55)	0.044 (0.007)
CXOMP J084907.2+445813	39.80 (8.01)	4.59 (3.61)	24.84 (6.28)	10.37 (5.00)	27.58 (6.56)	11.67 (5.24)	0.036 (0.007)
CXOMP J084908.3+445809	63.15 (9.56)	9.08 (4.44)	41.88 (7.70)	12.19 (5.24)	47.97 (8.21)	13.66 (5.47)	0.060 (0.009)
CXOMP J084908.6+445842	45.77 (8.63)	1.89 (3.20)	29.27 (6.74)	14.61 (5.70)	26.62 (6.56)	18.86 (6.20)	0.043 (0.008)
CXOMP J084909.1+450025	30.43 (7.66)	3.32 (3.62)	18.17 (5.79)	8.94 (5.00)	20.73 (6.10)	9.59 (5.25)	0.058 (0.015)
CXOMP J084909.1+450025	48.62 (9.90)	6.40 (4.46)	26.92 (6.93)	15.31 (6.79)	33.26 (7.49)	16.13 (7.05)	0.045 (0.009)
CXOMP J084911.3+445007	31.94 (7.42)	6.25 (3.97)	16.25 (5.34)	9.44 (4.87)	19.45 (5.78)	9.94 (5.00)	0.064 (0.015)
CXOMP J084911.3+445007	69.16 (10.25)	9.54 (4.73)	36.89 (7.40)	22.73 (6.67)	30.29 (7.00)	35.92 (7.80)	0.066 (0.010)
CXOMP J084913.6+445007	28.22 (7.82)	17.81 (5.79)	7.13 (4.45)	3.29 (4.62)	23.87 (6.48)	3.17 (4.76)	0.029 (0.008)
CXOMP J084919.5+445706	71.13 (9.62)	14.16 (5.10)	41.37 (7.24)	15.60 (5.48)	52.63 (8.14)	18.05 (5.81)	0.069 (0.009)
CXOMP J084919.5+445706	32.45 (7.33)	5.78 (3.79)	16.46 (5.34)	10.21 (4.86)	15.99 (5.34)	13.88 (5.35)	0.065 (0.015)
CXOMP J084922.5+445355	108.35 (11.77)	20.95 (5.78)	67.37 (9.36)	20.03 (5.99)	79.04 (10.05)	27.36 (6.74)	0.206 (0.022)
CXOMP J084922.5+445355	273.08 (18.01)	51.66 (8.41)	180.33 (14.60)	41.09 (8.15)	208.33 (15.63)	63.94 (9.67)	0.253 (0.017)
CXOMP J084923.2+445249	45.68 (8.44)	2.43 (3.20)	32.71 (6.99)	10.54 (5.01)	31.99 (7.00)	13.82 (5.48)	0.091 (0.017)
CXOMP J084923.2+445249	107.37 (12.22)	20.39 (5.89)	71.03 (9.72)	15.95 (6.23)	85.67 (10.60)	21.77 (6.87)	0.102 (0.012)
CXOMP J084925.3+444820	176.79 (17.40)	34.43 (8.25)	116.47 (12.91)	25.89 (9.72)	133.53 (13.73)	37.69 (10.76)	0.175 (0.017)
CXOMP J084925.3+444820	79.82 (12.17)	13.52 (5.81)	47.99 (8.76)	18.30 (7.54)	56.99 (9.45)	21.99 (8.07)	0.165 (0.025)
CXOMP J084927.7+445456	338.75 (19.77)	5.75 (3.80)	131.86 (12.66)	201.14 (15.50)	95.35 (10.94)	242.64 (16.91)	0.657 (0.038)
CXOMP J084927.7+445456	745.76 (28.77)	11.93 (4.99)	270.78 (17.64)	463.05 (22.90)	186.96 (14.93)	557.33 (24.99)	0.707 (0.027)
CXOMP J084930.4+445225	59.70 (11.16)	10.83 (5.26)	39.01 (8.17)	9.86 (6.93)	44.02 (8.65)	14.71 (7.59)	0.057 (0.011)
CXOMP J084931.1+445954	88.91 (14.48)	2.53 (5.54)	57.97 (10.06)	28.41 (9.97)	43.81 (9.44)	40.04 (10.94)	0.087 (0.014)
CXOMP J084931.1+445954	60.78 (11.25)	8.22 (5.27)	30.90 (7.59)	21.65 (7.70)	33.86 (7.96)	26.37 (8.29)	0.122 (0.023)
CXOMP J084931.3+445548	59.35 (10.77)	13.48 (5.47)	31.68 (7.42)	14.19 (6.97)	39.62 (8.09)	19.08 (7.62)	0.057 (0.010)
CXOMP J084940.0+445818	50.82 (11.62)	8.26 (5.64)	31.64 (7.99)	10.91 (7.62)	36.29 (8.55)	13.00 (8.08)	0.103 (0.024)
CXOMP J084943.6+450024	765.07 (32.68)	183.44 (16.02)	460.57 (23.85)	121.07 (17.06)	587.86 (26.59)	157.02 (18.64)	0.782 (0.033)
CXOMP J084943.6+450024	322.64 (22.04)	68.63 (10.44)	215.04 (16.83)	38.96 (11.24)	261.94 (18.21)	51.89 (12.39)	0.678 (0.046)
CXOMP J090512.1+340705	56.25 (8.67)	14.67 (4.97)	32.76 (6.81)	8.82 (4.29)	39.57 (7.39)	13.82 (4.98)	0.434 (0.067)
CXOMP J090513.6+341014	36.79 (7.23)	16.68 (5.22)	15.49 (5.10)	4.62 (3.41)	25.56 (6.18)	7.49 (3.97)	0.311 (0.061)
CXOMP J090516.6+340921	127.43 (12.35)	47.81 (7.98)	60.86 (8.86)	18.76 (5.45)	92.86 (10.68)	23.76 (5.98)	0.992 (0.096)
CXOMP J090533.1+340458	30.56 (6.73)	4.52 (3.40)	23.38 (5.98)	2.66 (2.94)	26.28 (6.27)	4.57 (3.40)	0.235 (0.052)
CXOMP J090536.8+340512	33.86 (6.98)	15.67 (5.10)	13.81 (4.84)	4.38 (3.41)	23.67 (5.98)	7.38 (3.96)	0.259 (0.054)
CXOMP J090543.5+340921	34.56 (6.98)	7.95 (3.96)	17.90 (5.33)	8.71 (4.13)	22.95 (5.87)	10.61 (4.43)	0.268 (0.054)
CXOMP J090545.0+340736	74.52 (9.71)	29.81 (6.55)	32.95 (6.81)	11.76 (4.57)	59.95 (8.79)	11.71 (4.57)	0.585 (0.076)
CXOMP J090927.5+542125	202.32 (21.51)	52.48 (10.29)	106.59 (13.94)	43.25 (13.97)	133.39 (15.14)	63.14 (15.34)	0.248 (0.026)
CXOMP J090930.9+542344	209.89 (21.91)	112.06 (13.37)	85.40 (13.27)	12.44 (12.62)	193.72 (17.42)	12.50 (13.41)	0.275 (0.029)
CXOMP J090941.7+542244	60.02 (13.94)	0.00 (5.29)	43.82 (9.50)	17.42 (9.84)	38.78 (9.60)	22.66 (10.59)	0.078 (0.018)
CXOMP J090941.8+542621	55.62 (16.93)	0.00 (6.78)	21.88 (10.04)	34.55 (12.83)	0.81 (9.31)	52.61 (14.15)	0.073 (0.022)
CXOMP J090945.2+542356	79.34 (14.53)	18.46 (6.96)	66.30 (10.81)	0.00 (8.25)	75.32 (11.46)	5.46 (9.48)	0.102 (0.019)
CXOMP J090951.3+542654	53.21 (15.52)	0.15 (6.40)	44.18 (10.55)	8.88 (10.59)	28.05 (10.14)	22.39 (11.80)	0.069 (0.020)
CXOMP J090955.9+542915	41525.75 (205.38)	11427.95 (108.12)	27585.94 (167.31)	2511.87 (52.35)	36847.59 (193.18)	3875.21 (64.39)	56.034 (0.277)
CXOMP J090956.6+541331	73.43 (13.87)	9.82 (6.21)	48.43 (9.60)	15.18 (9.13)	50.41 (9.84)	24.45 (10.09)	0.087 (0.016)
CXOMP J091004.7+542049	56.54 (9.47)	11.56 (4.86)	35.43 (7.24)	9.54 (5.39)	43.41 (7.93)	12.80 (5.83)	0.061 (0.010)
CXOMP J091009.6+541505	38.78 (9.09)	2.66 (3.84)	17.91 (6.13)	18.20 (6.72)	16.62 (6.03)	22.39 (7.23)	0.045 (0.011)
CXOMP J091011.0+542721	7619.64 (88.78)	1809.42 (43.74)	4435.01 (67.78)	1375.20 (38.70)	5537.88 (75.59)	1811.07 (44.17)	9.609 (0.112)
CXOMP J091014.3+541255	669.59 (27.96)	120.46 (12.51)	423.69 (21.97)	125.44 (13.51)	482.04 (23.36)	173.84 (15.45)	0.803 (0.034)
CXOMP J091017.4+541756	163.15 (14.04)	48.90 (8.13)	100.08 (11.14)	14.17 (5.23)	141.18 (12.99)	19.45 (5.89)	0.178 (0.015)
CXOMP J091018.4+541315	58.96 (10.98)	9.04 (5.13)	36.93 (8.02)	12.99 (6.89)	42.42 (8.44)	15.40 (7.31)	0.072 (0.013)
CXOMP J091020.7+541848	85.87 (10.43)	10.66 (4.43)	60.56 (8.86)	14.64 (5.10)	63.32 (9.05)	22.55 (5.98)	0.092 (0.011)
CXOMP J091023.3+541358	175.16 (15.18)	49.10 (8.42)	92.70 (11.00)	33.36 (7.88)	119.65 (12.32)	40.91 (8.51)	0.203 (0.018)
CXOMP J091026.9+541241	438.46 (22.93)	30.97 (7.34)	260.49 (17.50)	146.99 (14.03)	248.76 (17.20)	183.21 (15.46)	0.531 (0.028)
CXOMP J091027.0+542054	224.96 (16.13)	55.38 (8.54)	124.38 (12.22)	45.19 (7.92)	170.00 (14.11)	54.00 (8.54)	0.235 (0.017)
CXOMP J091028.9+541523	328.66 (19.42)	65.71 (9.30)	206.57 (15.49)	56.38 (8.87)	242.47 (16.71)	78.04 (10.17)	0.370 (0.022)
CXOMP J091029.0+542717	2916.12 (55.47)	667.96 (27.05)	1731.65 (42.82)	516.51 (24.26)	2164.95 (47.73)	673.12 (27.50)	3.709 (0.071)
CXOMP J091029.7+542748	156.39 (15.83)	22.67 (7.07)	101.81 (12.02)	31.92 (8.95)	114.74 (12.69)	42.97 (9.93)	0.200 (0.020)
CXOMP J091030.9+541914	108.54 (11.58)	20.72 (5.67)	70.48 (9.47)	17.34 (5.45)	83.38 (10.21)	25.15 (6.28)	0.120 (0.013)
CXOMP J091031.7+542024	26.59 (6.47)	4.66 (3.40)	15.56 (5.10)	6.38 (3.97)	20.36 (5.67)	6.28 (3.97)	0.028 (0.007)
CXOMP J091032.9+541246	55.98 (10.62)	10.16 (5.38)	32.63 (7.50)	13.19 (6.71)	38.45 (8.09)	15.54 (7.15)	0.069 (0.013)
CXOMP J091037.8+541543	91.94 (10.95)	22.57 (5.98)	53.33 (8.47)	16.04 (5.46)	64.81 (9.24)	22.71 (6.19)	0.109 (0.013)
CXOMP J091037.9+541608	53.50 (8.68)	14.32 (4.97)	30.98 (6.73)	8.19 (4.45)	38.65 (7.39)	14.05 (5.23)	0.060 (0.010)
CXOMP J091038.5+542025	58.17 (8.87)	7.60 (3.96)	41.30 (7.54)	9.26 (4.44)	47.06 (7.99)	11.11 (4.72)	0.060 (0.009)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J091039.0+541318	67.80 (10.85)	3.81 (4.48)	44.71 (8.29)	19.28 (6.78)	44.72 (8.43)	24.13 (7.36)	0.079 (0.013)
CXOMP J091039.8+542032	98.99 (11.15)	12.47 (4.71)	65.10 (9.17)	21.41 (5.88)	71.73 (9.59)	27.26 (6.46)	0.103 (0.012)
CXOMP J091040.0+542259	30.73 (6.82)	2.66 (2.94)	19.47 (5.56)	8.60 (4.29)	17.28 (5.34)	13.50 (4.98)	0.032 (0.007)
CXOMP J091041.4+541945	236.86 (16.49)	33.78 (6.90)	162.29 (13.80)	40.79 (7.54)	172.23 (14.18)	64.63 (9.18)	0.282 (0.020)
CXOMP J091041.9+542340	139.91 (13.04)	15.56 (5.10)	92.68 (10.74)	31.66 (6.91)	97.88 (10.99)	40.22 (7.63)	0.149 (0.014)
CXOMP J091041.9+542127	29.36 (6.73)	4.48 (3.40)	18.48 (5.45)	6.39 (3.97)	20.29 (5.67)	9.21 (4.44)	0.031 (0.007)
CXOMP J091044.7+542408	52.85 (8.75)	5.24 (3.61)	34.11 (7.07)	13.50 (5.23)	37.20 (7.31)	15.84 (5.58)	0.057 (0.009)
CXOMP J091045.7+542019	56.05 (8.74)	15.52 (5.10)	34.23 (6.98)	6.31 (3.97)	46.84 (7.99)	9.26 (4.44)	0.058 (0.009)
CXOMP J091047.5+541446	28.31 (7.35)	1.99 (3.20)	21.71 (6.09)	4.61 (4.32)	18.32 (5.79)	9.62 (5.13)	0.033 (0.009)
CXOMP J091047.6+541505	34.87 (7.72)	9.08 (4.44)	25.68 (6.37)	0.12 (3.44)	34.24 (7.16)	1.28 (3.83)	0.041 (0.009)
CXOMP J091052.5+541812	34.65 (7.16)	0.60 (2.33)	12.45 (4.71)	21.60 (5.88)	8.30 (4.13)	25.40 (6.28)	0.039 (0.008)
CXOMP J091052.9+541700	32.37 (7.08)	1.28 (2.67)	18.95 (5.56)	12.14 (4.85)	20.76 (5.78)	11.75 (4.86)	0.036 (0.008)
CXOMP J091054.6+541322	86.94 (11.92)	2.29 (4.17)	54.83 (9.01)	29.82 (7.82)	47.81 (8.70)	40.60 (8.72)	0.103 (0.014)
CXOMP J091057.0+542341	64.59 (9.49)	18.10 (5.45)	33.21 (6.99)	13.28 (5.23)	49.16 (8.20)	14.76 (5.47)	0.074 (0.011)
CXOMP J091059.4+541715	175.74 (14.49)	22.23 (5.88)	106.71 (11.43)	46.80 (8.14)	116.37 (11.90)	55.51 (8.74)	0.200 (0.017)
CXOMP J091100.3+542540	219.68 (16.61)	31.18 (6.99)	145.91 (13.37)	42.59 (8.50)	149.55 (13.53)	63.77 (9.91)	0.265 (0.020)
CXOMP J091105.8+542333	85.06 (10.97)	4.14 (3.62)	57.70 (8.87)	23.22 (6.67)	53.01 (8.54)	32.03 (7.50)	0.094 (0.012)
CXOMP J091106.9+542510	251.68 (17.70)	44.32 (8.07)	154.07 (13.73)	53.29 (9.27)	185.83 (14.97)	62.57 (9.92)	0.285 (0.020)
CXOMP J091108.5+541752	86.75 (10.86)	13.83 (5.11)	57.38 (8.74)	15.54 (5.70)	60.82 (9.06)	23.20 (6.48)	0.099 (0.012)
CXOMP J091109.1+054821	48.76 (8.70)	21.80 (5.99)	17.42 (5.57)	9.54 (4.87)	24.78 (6.38)	12.95 (5.36)	0.138 (0.025)
CXOMP J091110.3+541920	87.97 (10.91)	3.60 (3.41)	51.65 (8.41)	32.71 (7.25)	46.16 (8.06)	42.01 (8.00)	0.097 (0.012)
CXOMP J091111.4+054643	23.54 (7.20)	11.08 (4.86)	9.24 (4.73)	3.22 (4.32)	13.79 (5.35)	4.98 (4.76)	0.067 (0.021)
CXOMP J091112.8+542306	105.52 (12.22)	2.60 (3.43)	60.14 (9.07)	42.77 (8.50)	49.18 (8.35)	55.51 (9.45)	0.118 (0.014)
CXOMP J091114.0+054649	27.01 (7.27)	9.23 (4.59)	16.08 (5.46)	1.70 (3.83)	23.44 (6.29)	0.86 (3.83)	0.076 (0.021)
CXOMP J091119.7+055326	32.68 (6.90)	15.40 (5.10)	13.84 (4.84)	3.45 (3.19)	23.45 (5.98)	7.45 (3.96)	0.114 (0.024)
CXOMP J091122.4+055225	56.51 (8.67)	29.71 (6.55)	22.52 (5.88)	4.28 (3.41)	34.37 (6.98)	8.23 (4.13)	0.158 (0.024)
CXOMP J091122.4+054830	132.62 (12.61)	65.71 (9.17)	52.57 (8.33)	14.33 (4.97)	89.48 (10.53)	17.24 (5.34)	0.371 (0.035)
CXOMP J091122.4+054830	41.53 (7.54)	15.91 (5.09)	17.81 (5.33)	7.81 (3.96)	28.81 (6.46)	8.72 (4.13)	0.347 (0.063)
CXOMP J091122.6+054953	34.63 (7.07)	11.62 (4.57)	15.76 (5.10)	7.24 (3.97)	21.67 (5.77)	12.10 (4.72)	0.097 (0.020)
CXOMP J091127.7+054925	98.88 (11.04)	36.71 (7.15)	50.71 (8.20)	11.46 (4.58)	75.61 (9.76)	14.37 (4.97)	0.279 (0.031)
CXOMP J091128.0+054546	27.00 (7.10)	11.63 (4.86)	13.44 (4.98)	1.93 (3.82)	21.63 (5.99)	2.70 (4.00)	0.079 (0.021)
CXOMP J091129.8+054755	160.60 (13.76)	64.66 (9.11)	84.61 (10.26)	11.32 (4.58)	116.42 (11.85)	19.32 (5.56)	0.440 (0.038)
CXOMP J091129.8+054755	34.90 (7.07)	13.76 (4.84)	15.86 (5.09)	5.28 (3.61)	23.67 (5.98)	8.28 (4.13)	0.293 (0.059)
CXOMP J091140.7+055258	100.37 (11.09)	26.90 (6.27)	49.86 (8.13)	23.61 (5.98)	70.81 (9.47)	29.57 (6.55)	1.103 (0.122)
CXOMP J093102.1+791324	562.69 (43.42)	141.66 (20.85)	313.39 (31.99)	107.63 (22.54)	413.87 (35.73)	140.44 (25.19)	3.182 (0 244)
CXOMP J093131.7+790538	60.81 (8.93)	29.57 (6.55)	23.67 (5.98)	7.57 (3.96)	45.57 (7.84)	11.48 (4.58)	0.235 (0.035)
CXOMP J093158.9+791122	130.15 (12.53)	0.61 (2.33)	82.66 (10.15)	46.88 (7.99)	63.42 (9.05)	66.78 (9.30)	0.693 (0.067)
CXOMP J093200.3+790415	191.34 (14.92)	82.71 (10.15)	80.38 (10.04)	28.24 (6.46)	125.33 (12.26)	37.14 (7.23)	0.743 (0.058)
CXOMP J093213.2+791026	55.87 (8.60)	24.81 (6.08)	30.72 (6.64)	0.34 (2.33)	53.62 (8.40)	1.25 (2.67)	0.290 (0.045)
CXOMP J093219.5+791258	64.49 (9.37)	7.24 (3.97)	47.89 (8.06)	9.37 (4.59)	49.43 (8.20)	15.06 (5.35)	0.349 (0.051)
CXOMP J093230.0+790231	55.76 (8.74)	25.19 (6.18)	29.38 (6.55)	1.19 (2.96)	46.38 (7.91)	1.91 (3.20)	0.214 (0.033)
CXOMP J093242.2+790704	83.75 (10.32)	32.47 (6.81)	46.43 (7.91)	4.85 (3.61)	66.33 (9.23)	7.71 (4.13)	0.328 (0.040)
CXOMP J093245.2+790819	115.97 (11.85)	42.95 (7.62)	57.63 (8.67)	15.39 (5.10)	86.77 (10.37)	22.25 (5.88)	0.447 (0.046)
CXOMP J093301.0+551355	51.54 (10.00)	12.11 (5.36)	29.87 (7.17)	9.55 (6.04)	41.29 (8.15)	11.64 (6.43)	0.139 (0.027)
CXOMP J093323.1+790111	61.90 (9.56)	33.29 (7.08)	23.97 (6.28)	4.64 (4.16)	39.01 (7.63)	9.01 (4.87)	0.255 (0.039)
CXOMP J093325.7+551041	67.38 (9.68)	25.43 (6.28)	29.29 (6.65)	12.65 (5.12)	41.65 (7.70)	13.23 (5.25)	0.189 (0.027)
CXOMP J093326.8+790804	63.06 (9.05)	29.67 (6.55)	25.76 (6.17)	7.62 (3.96)	40.58 (7.46)	13.62 (4.84)	0.251 (0.036)
CXOMP J093336.4+551455	258.83 (17.15)	51.76 (8.26)	144.66 (13.07)	62.42 (8.99)	180.66 (14.48)	75.37 (9.76)	0.629 (0.042)
CXOMP J093340.9+790756	51.68 (8.34)	31.70 (6.73)	16.54 (5.22)	3.44 (3.19)	37.54 (7.23)	3.29 (3.19)	0.203 (0.033)
CXOMP J093345.8+790813	127.38 (12.40)	47.59 (7.98)	62.54 (8.99)	17.24 (5.34)	88.29 (10.48)	23.19 (5.98)	0.504 (0.049)
CXOMP J093359.3+551550	455.58 (22.40)	212.57 (15.62)	198.48 (15.13)	44.53 (7.77)	308.57 (18.60)	69.34 (9.41)	1.332 (0.065)
CXOMP J093405.0+790223	26.06 (7.12)	1.74 (3.21)	20.60 (5.89)	3.71 (4.18)	16.76 (5.58)	7.22 (4.76)	0.120 (0.033)
CXOMP J093411.0+551143	23.67 (6.18)	19.37 (5.56)	5.42 (3.60)	0.00 (1.89)	23.13 (5.98)	0.00 (1.89)	0.066 (0.017)
CXOMP J093436.6+551141	27.04 (7.51)	15.65 (5.46)	12.90 (5.11)	0.00 (3.66)	21.30 (6.09)	0.00 (4.02)	0.079 (0.022)
CXOMP J100948.9-124313	40.41 (8.37)	5.28 (3.98)	23.96 (6.38)	11.18 (5.24)	27.21 (6.74)	14.28 (5.70)	0.119 (0.025)
CXOMP J100954.4-124737	441.29 (22.82)	100.92 (11.41)	262.34 (17.54)	78.03 (10.80)	332.13 (19.57)	100.67 (12.01)	1.312 (0.068)
CXOMP J100957.2-123643	153.69 (13.82)	26.05 (6.37)	97.03 (11.05)	30.61 (7.00)	112.10 (11.82)	38.98 (7.71)	0.427 (0.038)
CXOMP J101000.9-123550	53.65 (9.08)	3.07 (3.42)	35.71 (7.32)	14.87 (5.58)	31.84 (7.08)	21.34 (6.29)	0.155 (0.026)
CXOMP J101001.9-123603	45.15 (8.43)	5.98 (3.98)	27.79 (6.56)	11.38 (5.12)	31.80 (6.99)	11.93 (5.24)	0.129 (0.024)
CXOMP J101003.3-124200	47.15 (7.99)	7.72 (3.96)	24.76 (6.08)	14.67 (4.97)	30.48 (6.64)	15.67 (5.10)	0.125 (0.021)
CXOMP J101003.5-123256	528.10 (24.87)	84.64 (10.76)	342.41 (19.83)	101.05 (12.04)	379.27 (20.86)	140.59 (13.81)	1.566 (0.074)
CXOMP J101005.8-124858	1181.50 (35.84)	811.67 (29.66)	373.67 (20.55)	0.00 (4.40)	1145.26 (35.01)	0.00 (5.09)	3.654 (0.111)
CXOMP J101010.2-123833	42.74 (7.70)	0.00 (1.87)	8.52 (4.13)	34.37 (6.98)	3.42 (3.19)	39.37 (7.39)	0.113 (0.020)
CXOMP J101011.8-124423	65.67 (9.24)	2.81 (2.94)	27.67 (6.36)	35.19 (7.07)	25.57 (6.18)	39.10 (7.39)	0.186 (0.026)
CXOMP J101011.8-124011	137.86 (12.82)	7.86 (3.96)	94.72 (10.79)	35.29 (7.07)	93.76 (10.74)	44.10 (7.77)	0.367 (0.034)
CXOMP J101017.4-123437	27.12 (7.35)	8.68 (4.45)	14.12 (5.35)	4.31 (4.32)	18.52 (5.90)	3.26 (4.33)	0.076 (0.021)
CXOMP J101020.2-124108	112.56 (11.72)	5.38 (3.61)	74.66 (9.71)	32.52 (6.81)	75.18 (9.76)	37.42 (7.23)	0.295 (0.031)
CXOMP J101025.5-124851	270.80 (18.39)	38.88 (7.79)	167.57 (14.31)	64.35 (9.97)	185.12 (15.01)	80.14 (10.93)	0.848 (0.058)
CXOMP J101029.0-124013	29.33 (7.42)	0.29 (2.68)	2.93 (4.16)	26.11 (6.47)	1.98 (4.17)	26.44 (6.56)	0.079 (0.020)
CXOMP J101030.8-123622	164.27 (14.43)	28.07 (6.65)	104.53 (11.54)	31.67 (7.25)	120.38 (12.32)	42.90 (8.15)	0.460 (0.040)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J101035.2-124022	74.24 (10.84)	14.97 (5.47)	39.96 (8.23)	19.31 (6.10)	51.16 (9.15)	23.32 (6.57)	0.212 (0.031)
CXOMP J101039.2-124546	51.13 (10.03)	6.07 (4.62)	33.80 (7.58)	11.27 (6.16)	35.73 (7.97)	16.67 (6.81)	0.153 (0.030)
CXOMP J101045.4-124103	58.31 (10.38)	9.86 (5.13)	39.84 (8.01)	8.61 (5.83)	47.30 (8.70)	10.84 (6.24)	0.169 (0.030)
CXOMP J105638.1-034148	270.07 (17.81)	54.81 (8.61)	159.30 (13.76)	55.96 (8.95)	195.20 (15.14)	71.04 (9.90)	0.330 (0.022)
CXOMP J105641.2-033853	62.86 (9.43)	13.94 (5.11)	39.04 (7.47)	9.89 (4.73)	44.75 (7.92)	16.55 (5.57)	0.064 (0.010)
CXOMP J105643.1-034042	836.96 (30.00)	210.37 (15.55)	499.08 (23.38)	127.51 (12.40)	663.68 (26.80)	164.28 (13.92)	1.203 (0.043)
CXOMP J105646.2-034023	254.89 (17.13)	27.50 (6.46)	169.06 (14.07)	58.34 (8.80)	165.50 (13.96)	87.17 (10.48)	0.265 (0.018)
CXOMP J105646.4-033905	227.28 (16.23)	89.82 (10.58)	107.15 (11.43)	30.31 (6.73)	152.82 (13.44)	50.07 (8.27)	0.227 (0.016)
CXOMP J105646.5-034707	104.44 (14.26)	20.56 (6.86)	66.23 (10.25)	17.65 (8.58)	74.07 (10.83)	29.98 (9.70)	0.142 (0.019)
CXOMP J105646.8-033509	137.93 (13.47)	84.14 (10.49)	49.39 (8.34)	4.40 (4.62)	118.48 (12.14)	5.49 (4.89)	0.135 (0.013)
CXOMP J105647.9-034138	73.02 (9.77)	10.52 (4.43)	42.14 (7.62)	20.37 (5.78)	44.94 (7.84)	28.08 (6.55)	0.086 (0.012)
CXOMP J105648.5-033323	25.79 (9.66)	0.00 (4.67)	7.60 (5.27)	21.94 (7.69)	0.71 (4.78)	25.66 (8.14)	0.027 (0.010)
CXOMP J105648.8-033725	54.17 (8.68)	22.85 (5.98)	25.00 (6.18)	6.33 (3.97)	41.66 (7.62)	7.04 (4.14)	0.054 (0.009)
CXOMP J105649.9-033342	109.29 (13.20)	30.52 (7.59)	55.99 (9.07)	22.78 (7.45)	74.20 (10.24)	28.05 (7.98)	0.113 (0.014)
CXOMP J105650.6-033508	235.63 (15.44)	125.83 (11.05)	94.13 (10.22)	15.66 (5.91)	185.62 (13.41)	20.37 (6.49)	0.231 (0.015)
CXOMP J105650.8-033503	24.10 (9.10)	4.36 (5.36)	15.99 (6.65)	3.75 (5.01)	17.83 (7.41)	4.22 (5.26)	0.024 (0.009)
CXOMP J105652.6-033819	41.48 (7.85)	18.82 (5.56)	16.54 (5.34)	6.12 (3.97)	26.31 (6.37)	8.83 (4.44)	0.041 (0.008)
CXOMP J105652.9-033334	23.17 (8.77)	5.60 (5.15)	18.65 (6.21)	0.00 (5.18)	23.24 (6.76)	0.84 (5.65)	0.024 (0.009)
CXOMP J105655.1-034322	121.70 (12.27)	33.12 (6.90)	69.12 (9.41)	19.46 (5.78)	88.61 (10.53)	30.27 (6.82)	0.155 (0.016)
CXOMP J105655.5-034030	308.65 (18.72)	127.90 (12.39)	147.71 (13.24)	33.04 (6.99)	216.19 (15.79)	50.80 (8.34)	0.300 (0.018)
CXOMP J105655.6-034509	123.16 (12.85)	31.60 (6.99)	71.22 (9.72)	20.34 (6.49)	88.36 (10.70)	24.14 (6.93)	0.157 (0.016)
CXOMP J105658.7-033851	457.52 (22.59)	62.81 (9.12)	288.02 (18.09)	106.68 (11.48)	313.61 (18.83)	144.16 (13.16)	0.450 (0.022)
CXOMP J105659.4-034716	222.11 (17.84)	21.69 (6.86)	140.63 (13.59)	59.79 (10.60)	146.25 (13.91)	76.48 (11.65)	0.294 (0.024)
CXOMP J105700.0-033445	84.90 (11.18)	26.26 (6.66)	43.73 (8.00)	14.92 (5.91)	56.02 (8.87)	19.47 (6.49)	0.086 (0.011)
CXOMP J105702.7-033944	37.66 (7.47)	4.06 (3.41)	19.29 (5.56)	14.31 (5.10)	16.87 (5.34)	19.21 (5.67)	0.036 (0.007)
CXOMP J105705.1-033541	148.50 (13.74)	49.34 (8.35)	81.64 (10.27)	17.52 (5.90)	106.80 (11.58)	24.58 (6.66)	0.144 (0.013)
CXOMP J105705.5-033550	90.90 (11.22)	40.25 (7.70)	36.89 (7.40)	13.76 (5.47)	63.65 (9.31)	18.07 (6.00)	0.088 (0.011)
CXOMP J105705.5-033433	44.24 (9.42)	4.39 (4.47)	31.54 (7.17)	8.31 (5.72)	31.82 (7.33)	11.11 (6.14)	0.045 (0.009)
CXOMP J105708.1-033941	59.77 (9.00)	31.43 (6.73)	18.10 (5.45)	10.24 (4.58)	36.00 (7.15)	13.10 (4.98)	0.061 (0.009)
CXOMP J105708.5-033611	140.33 (13.42)	59.82 (9.00)	58.49 (8.93)	22.02 (6.39)	103.25 (11.44)	24.45 (6.66)	0.136 (0.013)
CXOMP J105708.9-034241	128.76 (12.71)	36.47 (7.23)	76.57 (9.94)	15.72 (5.46)	94.30 (10.90)	26.14 (6.56)	0.159 (0.016)
CXOMP J105710.5-034015	316.16 (19.00)	110.47 (11.62)	156.94 (13.64)	48.75 (8.27)	229.99 (16.26)	62.17 (9.18)	0.312 (0.019)
CXOMP J105710.7-033500	212.42 (16.56)	125.23 (12.54)	68.74 (9.78)	18.45 (6.78)	154.62 (13.81)	20.31 (7.12)	0.212 (0.017)
CXOMP J105713.1-033529	39.47 (9.37)	14.57 (5.91)	18.92 (6.20)	5.99 (5.51)	25.75 (7.02)	11.01 (6.24)	0.040 (0.009)
CXOMP J105714.2-033348	202.20 (17.18)	54.63 (9.35)	110.56 (12.22)	37.02 (9.23)	145.08 (13.77)	45.17 (9.95)	0.230 (0.020)
CXOMP J105715.8-033504	48.09 (10.78)	14.22 (6.24)	26.73 (7.20)	7.14 (6.58)	34.93 (8.12)	10.46 (7.11)	0.049 (0.011)
CXOMP J111222.0-261604	127.75 (13.95)	9.54 (5.50)	70.22 (9.90)	47.99 (9.35)	63.13 (9.62)	64.48 (10.43)	0.156 (0.017)
CXOMP J111224.8-261642	38.56 (9.18)	7.15 (4.88)	28.49 (7.01)	2.93 (5.16)	34.43 (7.57)	4.76 (5.63)	0.048 (0.011)
CXOMP J111226.4-261547	138.23 (13.72)	29.63 (7.00)	76.16 (10.06)	32.44 (7.73)	93.43 (11.05)	40.00 (8.37)	0.165 (0.016)
CXOMP J111229.2-262020	60.30 (10.81)	3.44 (4.90)	52.82 (8.82)	4.03 (5.63)	57.14 (9.26)	6.22 (6.05)	0.081 (0.015)
CXOMP J111232.3-261552	34.89 (7.72)	11.07 (4.72)	14.75 (5.23)	9.08 (4.87)	22.38 (6.09)	9.48 (5.00)	0.043 (0.009)
CXOMP J111236.6-262039	30.61 (8.41)	14.80 (5.70)	14.45 (5.47)	1.37 (4.78)	26.47 (6.75)	4.02 (5.29)	0.039 (0.011)
CXOMP J111236.8-261326	70.52 (9.95)	5.70 (3.98)	46.99 (8.06)	17.83 (5.79)	46.93 (8.14)	24.40 (6.48)	0.081 (0.011)
CXOMP J111239.2-260916	221.41 (17.40)	48.51 (8.83)	122.29 (12.59)	50.61 (9.65)	154.99 (14.10)	63.66 (10.54)	0.269 (0.021)
CXOMP J111239.9-262302	57.29 (11.54)	14.17 (6.42)	25.90 (7.19)	17.22 (7.70)	38.70 (8.45)	17.92 (8.00)	0.081 (0.016)
CXOMP J111241.4-261924	259.54 (17.44)	57.89 (8.87)	157.56 (13.68)	44.08 (8.00)	187.85 (14.85)	61.46 (9.18)	0.319 (0.021)
CXOMP J111243.3-261105	32.81 (7.81)	11.35 (4.86)	10.55 (4.86)	10.90 (5.25)	19.15 (6.00)	11.05 (5.37)	0.039 (0.009)
CXOMP J111245.1-261930	980.87 (32.45)	119.02 (12.04)	640.16 (26.35)	221.69 (16.03)	695.12 (27.44)	282.18 (17.94)	1.189 (0.039)
CXOMP J111245.7-261410	38.35 (7.47)	3.29 (3.19)	26.44 (6.27)	8.62 (4.29)	26.08 (6.27)	12.52 (4.85)	0.043 (0.008)
CXOMP J111248.0-261729	197.70 (15.17)	38.40 (7.31)	110.36 (11.57)	48.94 (8.13)	133.13 (12.61)	61.80 (8.99)	0.244 (0.019)
CXOMP J111250.1-261239	30.65 (6.82)	10.42 (4.43)	17.52 (5.33)	2.71 (3.19)	25.28 (6.18)	4.56 (3.61)	0.035 (0.008)
CXOMP J111251.3-260603	143.48 (17.92)	12.86 (7.97)	81.15 (11.85)	49.47 (12.02)	77.89 (12.11)	62.13 (13.02)	0.180 (0.023)
CXOMP J111251.3-260936	75.48 (10.26)	5.24 (4.16)	40.06 (7.40)	30.17 (7.02)	43.94 (7.79)	32.36 (7.27)	0.092 (0.012)
CXOMP J111251.6-261901	1315.51 (37.35)	282.86 (17.88)	822.62 (29.72)	210.02 (15.59)	1033.78 (33.20)	274.93 (17.67)	1.570 (0.045)
CXOMP J111252.1-260936	45.56 (8.99)	10.69 (4.88)	31.48 (6.66)	3.39 (5.28)	41.16 (7.49)	3.26 (5.40)	0.055 (0.011)
CXOMP J111252.2-261400	120.19 (12.13)	47.14 (7.99)	70.38 (9.47)	2.67 (3.19)	113.95 (11.76)	4.52 (3.61)	0.134 (0.013)
CXOMP J111252.9-262339	139.17 (15.27)	21.44 (7.20)	91.74 (11.37)	25.98 (8.70)	108.39 (12.30)	31.63 (9.33)	0.184 (0.020)
CXOMP J111254.4-260917	782.58 (29.44)	221.46 (16.14)	454.67 (22.47)	106.45 (11.97)	594.51 (25.56)	146.86 (13.75)	0.961 (0.036)
CXOMP J111254.5-262106	452.34 (22.62)	91.00 (10.80)	279.05 (17.82)	82.29 (10.49)	341.34 (19.66)	103.69 (11.59)	0.562 (0.028)
CXOMP J111254.6-261428	134.68 (12.74)	31.39 (6.73)	77.53 (9.88)	25.77 (6.27)	101.24 (11.14)	31.72 (6.82)	0.155 (0.015)
CXOMP J111254.7-261548	25.82 (6.37)	8.24 (4.13)	15.54 (5.10)	2.03 (2.95)	21.03 (5.78)	4.88 (3.61)	0.029 (0.007)
CXOMP J111255.7-260749	56.98 (11.70)	0.00 (4.92)	30.69 (7.82)	26.29 (8.35)	25.72 (7.76)	32.26 (9.01)	0.072 (0.015)
CXOMP J111256.3-262325	62.81 (12.02)	0.00 (4.65)	48.58 (9.03)	14.42 (7.72)	42.83 (8.85)	18.91 (8.37)	0.082 (0.016)
CXOMP J111258.6-261936	69.69 (9.72)	12.59 (4.85)	39.68 (7.47)	17.42 (5.57)	46.60 (8.06)	20.18 (5.89)	0.088 (0.012)
CXOMP J111259.2-261544	140.88 (13.04)	6.25 (3.79)	92.35 (10.68)	42.28 (7.70)	88.79 (10.53)	52.14 (8.41)	0.157 (0.015)
CXOMP J111259.6-260508	139.97 (19.33)	26.81 (9.84)	93.27 (12.97)	19.89 (11.77)	109.95 (14.13)	30.90 (12.89)	0.179 (0.025)
CXOMP J111300.0-261559	35.68 (7.24)	3.61 (3.19)	23.47 (5.98)	8.60 (4.29)	23.23 (5.98)	10.50 (4.58)	0.040 (0.008)
CXOMP J111300.8-262237	117.56 (13.60)	13.69 (5.92)	75.34 (10.23)	28.53 (8.12)	72.79 (10.29)	41.48 (9.11)	0.151 (0.017)
CXOMP J111301.4-261342	95.06 (10.89)	18.43 (5.45)	61.49 (8.92)	15.15 (5.10)	70.20 (9.47)	24.03 (6.08)	0.130 (0.015)
CXOMP J111304.4-261846	43.90 (8.07)	10.81 (4.58)	25.71 (6.27)	7.38 (4.30)	29.90 (6.73)	14.09 (5.23)	0.056 (0.010)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J111306.3-262051	83.33 (11.05)	12.79 (5.00)	52.22 (8.49)	18.31 (6.52)	59.46 (9.01)	23.96 (7.13)	0.110 (0.015)
CXOMP J111306.8-261528	28.72 (7.09)	8.93 (4.44)	18.24 (5.79)	1.55 (2.95)	26.99 (6.74)	1.07 (2.96)	0.032 (0.008)
CXOMP J111308.2-261925	190.20 (15.22)	30.52 (6.82)	115.52 (11.90)	44.15 (8.15)	135.79 (12.87)	53.61 (8.82)	0.226 (0.018)
CXOMP J111308.3-260826	62.96 (12.07)	21.73 (7.20)	41.72 (8.44)	0.00 (6.48)	57.89 (9.75)	1.98 (7.02)	0.078 (0.015)
CXOMP J111309.9-261442	50.65 (8.48)	7.81 (4.13)	36.28 (7.15)	6.56 (4.14)	37.71 (7.31)	10.37 (4.73)	0.058 (0.010)
CXOMP J111310.9-261141	61.38 (9.68)	1.63 (3.43)	36.98 (7.40)	22.77 (6.48)	30.28 (6.91)	29.91 (7.17)	0.074 (0.012)
CXOMP J111317.0-261739	27.75 (7.59)	7.80 (4.60)	12.83 (5.11)	7.12 (4.88)	19.49 (6.10)	7.44 (5.01)	0.033 (0.009)
CXOMP J111320.5-262028	74.52 (12.68)	11.52 (6.36)	38.39 (8.32)	24.61 (8.45)	49.65 (9.43)	26.87 (8.86)	0.093 (0.016)
CXOMP J111325.2-261533	89.31 (12.10)	16.82 (6.11)	47.91 (8.56)	24.58 (7.44)	55.19 (9.20)	29.37 (7.97)	0.116 (0.016)
CXOMP J111328.4-261414	51.56 (11.38)	4.40 (5.41)	32.18 (7.74)	14.98 (7.65)	39.36 (8.60)	14.99 (7.88)	0.063 (0.014)
CXOMP J111333.2-261500	277.65 (20.33)	37.14 (8.85)	184.67 (15.45)	55.84 (11.23)	209.95 (16.54)	65.27 (11.96)	0.353 (0.026)
CXOMP J111759.2+074405	172.52 (14.22)	46.76 (7.91)	95.81 (10.84)	29.95 (6.64)	131.67 (12.52)	38.90 (7.39)	0.750 (0.062)
CXOMP J111759.2+074405	82.35 (10.32)	26.77 (6.37)	42.21 (7.62)	13.37 (4.98)	58.01 (8.73)	14.18 (5.10)	0.670 (0.084)
CXOMP J111802.3+402733	103.90 (11.69)	16.10 (5.34)	69.63 (9.54)	18.16 (5.90)	79.06 (10.11)	22.40 (6.39)	0.727 (0.082)
CXOMP J111804.2+074719	186.55 (14.78)	91.17 (10.63)	74.31 (9.71)	21.07 (5.78)	125.22 (12.26)	31.97 (6.82)	0.597 (0.047)
CXOMP J111804.2+074739	51.62 (8.41)	11.32 (4.58)	32.32 (6.81)	7.98 (4.13)	42.27 (7.62)	7.84 (4.13)	0.166 (0.027)
CXOMP J111804.3+074719	71.12 (9.53)	32.71 (6.81)	23.66 (5.98)	14.75 (4.97)	45.61 (7.84)	16.66 (5.22)	0.581 (0.078)
CXOMP J111804.8+074816	58.32 (8.87)	20.23 (5.67)	27.47 (6.37)	10.61 (4.58)	44.19 (7.77)	13.51 (4.98)	0.189 (0.029)
CXOMP J111807.8+074639	32.01 (6.81)	13.65 (4.84)	16.75 (5.22)	1.61 (2.67)	25.75 (6.17)	1.46 (2.67)	0.099 (0.021)
CXOMP J111810.6+402242	43.10 (7.92)	6.33 (3.79)	30.00 (6.64)	6.76 (4.14)	27.90 (6.46)	14.48 (5.23)	0.285 (0.052)
CXOMP J111812.0+074030	79.40 (10.10)	15.48 (5.10)	44.20 (7.77)	19.72 (5.67)	53.91 (8.47)	23.58 (6.08)	0.363 (0.046)
CXOMP J111812.1+074031	29.17 (7.01)	14.69 (5.10)	13.37 (4.98)	1.11 (3.21)	20.21 (5.78)	1.64 (3.43)	0.254 (0.061)
CXOMP J111812.5+402415	43.40 (7.85)	5.21 (3.61)	27.58 (6.36)	10.61 (4.58)	30.02 (6.64)	13.51 (4.98)	0.295 (0.053)
CXOMP J111813.8+402838	149.66 (13.45)	30.47 (6.64)	82.84 (10.21)	36.35 (7.32)	103.80 (11.29)	41.96 (7.78)	1.005 (0.090)
CXOMP J111814.9+074800	41.75 (7.62)	7.76 (3.96)	26.62 (6.27)	7.37 (3.96)	29.42 (6.55)	12.37 (4.71)	0.139 (0.025)
CXOMP J111816.2+074315	85.51 (10.32)	33.85 (6.90)	38.85 (7.31)	12.81 (4.71)	57.71 (8.67)	14.81 (4.97)	0.678 (0.082)
CXOMP J111819.7+402325	67.71 (9.36)	15.71 (5.10)	35.71 (7.06)	16.29 (5.22)	49.62 (8.13)	17.24 (5.34)	0.433 (0.060)
CXOMP J111820.9+073815	136.47 (13.06)	38.14 (7.40)	88.73 (10.53)	9.60 (4.88)	116.06 (11.91)	16.38 (5.70)	0.693 (0.066)
CXOMP J111822.2+074448	371.40 (20.34)	157.59 (13.60)	180.63 (14.48)	33.17 (6.90)	266.54 (17.36)	50.99 (8.27)	1.220 (0.067)
CXOMP J111822.2+074448	193.56 (14.96)	89.81 (10.53)	86.95 (10.37)	16.81 (5.22)	140.81 (12.91)	23.81 (5.98)	1.571 (0.121)
CXOMP J111825.4+074315	34.92 (7.07)	12.77 (4.71)	16.81 (5.22)	5.34 (3.61)	24.67 (6.08)	7.30 (3.96)	0.109 (0.022)
CXOMP J111825.8+074334	39.85 (7.47)	11.76 (4.57)	18.71 (5.45)	9.38 (4.28)	22.57 (5.88)	13.33 (4.85)	0.124 (0.023)
CXOMP J111828.1+074340	55.43 (8.61)	13.62 (4.84)	33.48 (6.90)	8.34 (4.13)	38.48 (7.31)	13.24 (4.85)	0.173 (0.027)
CXOMP J111828.1+074340	28.92 (6.55)	9.62 (4.28)	13.77 (4.84)	5.53 (3.60)	19.48 (5.56)	6.48 (3.79)	0.241 (0.055)
CXOMP J111828.3+074259	42.35 (7.92)	16.33 (5.10)	19.05 (5.88)	6.96 (3.97)	32.94 (7.07)	7.80 (4.13)	0.134 (0.025)
CXOMP J111832.9+074901	383.57 (20.83)	168.94 (14.11)	179.37 (14.49)	35.26 (7.40)	270.63 (17.55)	55.83 (8.88)	1.222 (0.066)
CXOMP J111832.9+074901	96.43 (10.89)	24.81 (6.08)	54.95 (8.47)	16.67 (5.22)	72.76 (9.59)	20.67 (5.67)	1.195 (0.135)
CXOMP J111840.6+075325	72.82 (10.24)	11.52 (4.86)	47.42 (8.13)	13.88 (5.59)	52.90 (8.61)	19.22 (6.20)	0.969 (0.136)
CXOMP J111848.7+402647	158.71 (13.64)	50.95 (8.19)	84.90 (10.26)	22.85 (5.88)	118.85 (11.94)	33.85 (6.90)	1.023 (0.088)
CXOMP J111849.8+402228	150.76 (13.32)	40.00 (7.38)	79.95 (9.99)	30.81 (6.64)	115.00 (11.76)	34.76 (6.98)	1.082 (0.096)
CXOMP J111850.5+402553	41.68 (7.54)	7.89 (3.96)	28.95 (6.46)	4.84 (3.40)	33.84 (6.90)	7.84 (3.96)	0.258 (0.047)
CXOMP J111853.2+402851	69.24 (9.41)	4.76 (3.40)	41.91 (7.54)	22.57 (5.88)	38.72 (7.31)	29.57 (6.55)	0.437 (0.059)
CXOMP J111905.2+402741	35.54 (7.15)	3.80 (3.18)	19.56 (5.56)	12.17 (4.71)	21.66 (5.77)	13.98 (4.98)	0.226 (0.045)
CXOMP J113924.2+654930	27.64 (6.65)	10.16 (4.43)	14.02 (4.98)	3.46 (3.41)	19.88 (5.67)	5.09 (3.80)	0.072 (0.017)
CXOMP J113932.7+660910	52.64 (12.87)	16.20 (6.88)	21.56 (7.62)	14.87 (9.00)	29.98 (8.48)	18.00 (9.56)	0.051 (0.013)
CXOMP J113937.0+654730	104.77 (11.34)	58.54 (8.73)	38.73 (7.31)	7.50 (3.96)	76.59 (9.82)	11.41 (4.58)	0.276 (0.030)
CXOMP J113941.2+661319	155.75 (19.39)	34.21 (9.57)	86.88 (12.64)	34.66 (12.44)	105.24 (13.78)	42.96 (13.38)	0.156 (0.019)
CXOMP J113944.2+654210	71.08 (10.36)	29.50 (6.92)	33.58 (7.16)	8.00 (5.01)	49.71 (8.42)	12.34 (5.60)	0.186 (0.027)
CXOMP J113944.3+660818	124.60 (13.99)	24.38 (6.76)	69.99 (10.07)	30.24 (8.40)	84.27 (10.92)	36.94 (9.06)	0.115 (0.013)
CXOMP J113948.0+661105	227.62 (18.09)	18.46 (6.60)	124.95 (12.90)	84.21 (11.98)	121.02 (12.82)	102.04 (12.99)	0.215 (0.017)
CXOMP J113948.5+660656	37.21 (9.26)	1.10 (4.00)	4.02 (4.90)	32.09 (7.75)	4.76 (5.27)	33.77 (8.05)	0.034 (0.008)
CXOMP J113950.1+660025	308.21 (22.55)	86.38 (11.89)	166.04 (15.29)	55.79 (12.95)	212.40 (16.98)	70.37 (14.03)	0.292 (0.021)
CXOMP J113950.2+660704	38.27 (9.67)	2.15 (3.99)	20.26 (7.10)	15.86 (6.52)	20.60 (7.18)	17.41 (6.88)	0.035 (0.009)
CXOMP J113952.7+660721	98.09 (12.18)	3.51 (4.00)	35.76 (7.64)	58.83 (9.57)	26.02 (6.84)	72.71 (10.52)	0.090 (0.011)
CXOMP J113954.1+654516	27.52 (6.46)	3.70 (3.18)	18.66 (5.45)	5.16 (3.61)	18.56 (5.45)	8.11 (4.13)	0.073 (0.017)
CXOMP J113957.1+654749	5188.48 (73.15)	1681.83 (42.11)	2306.68 (49.09)	1199.97 (35.70)	2972.97 (55.62)	1639.58 (41.55)	12.918 (0.182)
CXOMP J113959.5+654743	73.30 (10.35)	37.06 (7.64)	28.13 (6.83)	8.10 (4.29)	53.12 (8.88)	11.76 (4.86)	0.181 (0.026)
CXOMP J114001.9+660642	162.33 (14.40)	31.85 (6.99)	101.24 (11.29)	29.25 (7.26)	119.37 (12.18)	38.18 (8.02)	0.144 (0.013)
CXOMP J114003.2+660317	51.90 (10.23)	4.35 (4.32)	31.57 (7.42)	15.99 (6.88)	31.18 (7.50)	20.64 (7.45)	0.049 (0.010)
CXOMP J114003.8+660630	40.55 (8.44)	2.73 (3.42)	27.08 (6.56)	10.74 (5.49)	28.78 (6.74)	12.73 (5.82)	0.036 (0.007)
CXOMP J114007.3+660659	494.85 (23.52)	151.80 (13.45)	308.22 (18.66)	34.82 (7.48)	435.22 (21.98)	48.30 (8.49)	0.438 (0.021)
CXOMP J114008.4+654616	112.34 (11.72)	31.33 (6.73)	67.71 (9.29)	13.29 (4.85)	83.38 (10.21)	22.24 (5.88)	0.277 (0.029)
CXOMP J114011.9+655747	75.24 (18.87)	20.75 (9.29)	28.83 (10.65)	25.66 (13.61)	39.75 (11.57)	35.91 (14.73)	0.072 (0.018)
CXOMP J114014.4+661035	43.85 (8.85)	7.57 (4.45)	24.61 (6.48)	11.68 (5.60)	30.95 (7.17)	12.62 (5.82)	0.039 (0.008)
CXOMP J114015.6+660142	60.56 (10.98)	10.28 (5.49)	46.28 (8.50)	4.00 (5.97)	51.40 (8.96)	7.83 (6.65)	0.055 (0.010)
CXOMP J114020.4+660730	61.25 (9.31)	0.79 (2.67)	43.06 (7.85)	17.40 (5.57)	37.72 (7.47)	23.62 (6.28)	0.053 (0.008)
CXOMP J114021.9+660428	222.91 (16.20)	70.90 (9.53)	117.04 (11.95)	34.98 (7.32)	159.99 (13.76)	52.31 (8.62)	0.194 (0.014)
CXOMP J114022.0+660028	267.93 (19.19)	70.69 (10.19)	159.89 (14.29)	37.35 (9.45)	201.86 (15.86)	59.02 (10.94)	0.244 (0.018)
CXOMP J114024.6+660215	247.11 (17.43)	49.33 (8.35)	150.41 (13.53)	47.37 (8.77)	175.71 (14.53)	66.61 (10.02)	0.220 (0.015)
CXOMP J114026.6+660131	101.95 (12.33)	13.56 (5.37)	57.20 (9.26)	31.19 (7.52)	57.19 (9.26)	45.55 (8.53)	0.093 (0.011)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J114027.1+660142	56.95 (9.78)	5.21 (4.32)	16.42 (5.59)	35.32 (7.82)	11.76 (5.38)	42.11 (8.39)	0.053 (0.009)
CXOMP J114028.0+660320	117.58 (12.37)	29.92 (6.73)	65.08 (9.30)	22.58 (6.39)	83.27 (10.38)	27.77 (6.92)	0.107 (0.011)
CXOMP J114029.1+661131	27.96 (7.67)	5.61 (3.98)	14.51 (5.47)	7.83 (5.14)	20.79 (6.20)	7.45 (5.26)	0.025 (0.007)
CXOMP J114029.6+660140	36.12 (8.63)	0.00 (2.73)	5.35 (4.62)	33.84 (7.60)	1.94 (4.34)	34.02 (7.76)	0.033 (0.008)
CXOMP J114029.9-263217	52.37 (8.48)	15.49 (5.10)	24.14 (6.08)	12.74 (4.85)	35.84 (7.15)	16.53 (5.34)	0.159 (0.026)
CXOMP J114031.1+660858	1114.52 (34.47)	252.17 (16.93)	664.25 (26.82)	198.10 (15.17)	849.20 (30.19)	255.47 (17.09)	0.977 (0.030)
CXOMP J114036.2+661317	163.27 (15.23)	34.46 (7.50)	106.14 (11.79)	22.67 (7.72)	136.80 (13.28)	26.20 (8.17)	0.156 (0.015)
CXOMP J114036.4-262411	40.89 (8.61)	8.42 (4.75)	27.10 (6.57)	5.37 (4.78)	32.01 (7.09)	8.58 (5.28)	0.147 (0.031)
CXOMP J114038.0+660216	265.36 (17.81)	3.23 (3.62)	112.89 (11.86)	149.24 (13.62)	76.71 (10.11)	187.25 (15.08)	0.234 (0.016)
CXOMP J114039.7-262844	27.29 (6.46)	11.67 (4.57)	13.71 (4.84)	1.91 (2.95)	21.62 (5.77)	1.86 (2.95)	0.091 (0.022)
CXOMP J114044.3+660311	368.47 (20.42)	85.89 (10.37)	223.26 (16.03)	59.32 (9.06)	274.78 (17.67)	81.84 (10.38)	0.321 (0.018)
CXOMP J114044.6-263242	52.22 (8.34)	4.71 (3.40)	37.85 (7.23)	9.66 (4.28)	37.66 (7.23)	14.61 (4.97)	0.156 (0.025)
CXOMP J114045.9-262916	76.31 (9.88)	35.42 (7.07)	33.61 (6.90)	7.28 (3.97)	51.37 (8.27)	9.28 (4.29)	0.257 (0.033)
CXOMP J114046.4+660913	99.01 (11.15)	22.67 (5.88)	60.02 (8.86)	16.32 (5.34)	78.91 (9.99)	20.10 (5.78)	0.100 (0.011)
CXOMP J114049.5-262541	27.19 (6.92)	14.81 (5.23)	12.20 (4.85)	0.18 (2.97)	25.18 (6.38)	0.00 (2.97)	0.095 (0.024)
CXOMP J114051.6+660135	33.69 (8.60)	10.68 (4.99)	12.48 (5.36)	10.52 (5.93)	21.23 (6.49)	11.23 (6.14)	0.030 (0.008)
CXOMP J114052.4+660054	67.73 (11.17)	3.15 (4.33)	37.07 (7.79)	27.52 (7.90)	29.57 (7.50)	35.25 (8.60)	0.061 (0.010)
CXOMP J114052.8-262911	45.54 (7.92)	11.39 (4.58)	28.62 (6.46)	5.53 (3.60)	37.29 (7.23)	7.53 (3.96)	0.152 (0.026)
CXOMP J114054.2-262943	22.50 (5.98)	8.62 (4.13)	12.72 (4.71)	1.15 (2.67)	16.62 (5.22)	0.97 (2.67)	0.076 (0.020)
CXOMP J114054.6-262928	48.01 (8.13)	23.37 (5.98)	23.47 (5.98)	1.18 (2.67)	41.23 (7.54)	3.08 (3.19)	0.161 (0.027)
CXOMP J114054.6+654739	137.64 (12.96)	40.11 (7.47)	74.02 (9.71)	23.51 (6.18)	110.59 (11.62)	25.23 (6.38)	0.377 (0.035)
CXOMP J114055.6+660722	171.93 (14.26)	7.56 (3.96)	113.23 (11.72)	51.14 (8.34)	107.96 (11.48)	64.03 (9.18)	0.150 (0.012)
CXOMP J114059.4-263156	102.16 (11.29)	46.17 (7.91)	45.68 (7.92)	10.31 (4.43)	80.09 (10.10)	12.22 (4.71)	0.342 (0.038)
CXOMP J114100.0-263419	91.38 (10.80)	5.32 (3.61)	53.91 (8.47)	32.16 (6.91)	54.91 (8.54)	36.88 (7.32)	0.306 (0.036)
CXOMP J114101.7+661246	26.64 (8.48)	15.84 (5.69)	8.03 (5.01)	2.77 (5.41)	24.64 (6.93)	1.71 (5.53)	0.025 (0.008)
CXOMP J114103.9-263048	122.42 (12.27)	2.21 (2.95)	55.79 (8.60)	64.42 (9.18)	41.53 (7.62)	80.16 (10.10)	0.413 (0.041)
CXOMP J114105.0+660355	35.00 (7.40)	9.97 (4.44)	15.02 (5.10)	10.01 (4.73)	23.28 (6.08)	11.76 (4.99)	0.030 (0.006)
CXOMP J114109.5+655141	53.65 (9.77)	10.75 (5.00)	33.48 (7.33)	9.42 (5.73)	41.99 (8.08)	11.72 (6.14)	0.151 (0.028)
CXOMP J114110.9+660936	24.86 (6.47)	5.27 (3.61)	15.41 (5.10)	4.17 (3.81)	18.88 (5.56)	4.98 (3.98)	0.022 (0.006)
CXOMP J114112.5+654851	236.84 (16.86)	56.17 (8.67)	139.94 (13.00)	40.73 (8.09)	177.51 (14.49)	55.55 (9.14)	0.683 (0.049)
CXOMP J114113.8+660504	556.83 (24.71)	12.37 (4.71)	396.08 (20.95)	148.38 (13.32)	355.93 (19.92)	198.14 (15.21)	0.499 (0.022)
CXOMP J114114.0+661352	76.59 (12.50)	15.60 (6.22)	52.17 (9.15)	8.82 (7.33)	63.55 (9.97)	12.14 (7.95)	0.076 (0.012)
CXOMP J114115.3+660200	59.33 (10.45)	0.00 (2.98)	23.91 (6.67)	36.66 (8.39)	22.35 (6.68)	36.57 (8.53)	0.054 (0.009)
CXOMP J114118.0+661457	64.59 (14.57)	20.94 (7.79)	34.60 (9.21)	9.06 (9.49)	47.41 (10.26)	13.28 (10.30)	0.064 (0.014)
CXOMP J114118.5+660210	70.58 (12.71)	4.77 (3.99)	39.13 (9.61)	26.68 (8.46)	34.99 (9.07)	35.87 (9.41)	0.064 (0.012)
CXOMP J114121.8+660343	103.75 (11.78)	9.85 (4.59)	69.04 (9.54)	24.85 (6.66)	69.71 (9.60)	32.70 (7.41)	0.093 (0.011)
CXOMP J114124.3+660921	602.33 (25.76)	211.58 (15.66)	328.94 (19.22)	61.81 (9.25)	486.48 (23.16)	88.41 (10.75)	0.551 (0.024)
CXOMP J114129.7+660250	31.44 (8.89)	24.14 (6.57)	11.15 (5.49)	0.00 (4.53)	33.64 (7.65)	0.00 (4.68)	0.028 (0.008)
CXOMP J114131.4+660521	27.97 (7.34)	3.61 (3.62)	22.24 (6.09)	2.12 (4.00)	24.28 (6.38)	3.43 (4.32)	0.027 (0.007)
CXOMP J114131.9+661214	209.21 (18.48)	7.61 (7.34)	124.31 (13.97)	76.45 (10.94)	114.19 (14.09)	103.88 (12.36)	0.208 (0.018)
CXOMP J114132.6+661117	103.79 (12.53)	4.46 (4.32)	80.94 (10.38)	18.39 (6.95)	74.22 (10.12)	30.29 (8.04)	0.098 (0.012)
CXOMP J114132.6+660848	221.95 (16.31)	39.31 (7.55)	133.16 (12.70)	49.47 (8.49)	151.12 (13.49)	62.63 (9.37)	0.204 (0.015)
CXOMP J114135.0+660908	175.76 (14.80)	47.03 (8.14)	99.07 (11.14)	29.66 (7.17)	133.13 (12.75)	34.67 (7.65)	0.162 (0.014)
CXOMP J114136.5+661246	109.05 (14.03)	0.10 (4.79)	74.47 (10.51)	34.48 (9.14)	65.75 (10.20)	44.92 (10.03)	0.107 (0.014)
CXOMP J114141.1+660350	49.05 (10.18)	9.56 (5.00)	35.94 (7.80)	3.55 (5.85)	39.04 (8.01)	9.61 (6.72)	0.045 (0.009)
CXOMP J114144.5+660018	53.63 (14.90)	14.67 (7.57)	30.27 (8.97)	8.69 (10.37)	33.72 (9.53)	10.05 (11.02)	0.051 (0.014)
CXOMP J114147.8+660603	144.62 (14.27)	8.70 (4.87)	10.77 (5.37)	125.14 (12.98)	13.29 (5.70)	127.97 (13.19)	0.133 (0.013)
CXOMP J114221.5+660116	67.61 (20.50)	13.54 (9.71)	43.46 (11.91)	10.61 (14.65)	55.35 (12.92)	10.23 (15.51)	0.068 (0.021)
CXOMP J122837.1+015720	801.36 (30.08)	284.57 (18.16)	462.45 (22.83)	54.34 (9.72)	720.21 (28.18)	69.15 (10.70)	3.766 (0.141)
CXOMP J122859.5+021050	73.00 (10.80)	42.44 (8.19)	25.33 (6.70)	5.22 (4.68)	51.78 (8.86)	7.00 (5.08)	0.487 (0.072)
CXOMP J122907.2+020401	45.08 (8.07)	0.09 (2.34)	23.13 (6.08)	21.85 (5.88)	17.66 (5.57)	27.66 (6.46)	0.264 (0.047)
CXOMP J122908.5+020553	23.93 (6.08)	6.51 (3.79)	13.81 (4.84)	3.61 (3.19)	19.61 (5.56)	3.56 (3.19)	0.139 (0.035)
CXOMP J122915.4+020529	83.77 (10.26)	10.62 (4.43)	54.57 (8.47)	18.57 (5.45)	57.29 (8.67)	26.53 (6.27)	0.479 (0.059)
CXOMP J131157.9+424229	43.35 (9.00)	12.50 (5.12)	28.48 (6.93)	2.37 (4.65)	40.95 (7.86)	2.42 (4.93)	0.035 (0.007)
CXOMP J131159.0+423833	43.79 (9.85)	11.53 (5.36)	30.01 (7.26)	2.25 (5.64)	36.25 (7.79)	6.02 (6.26)	0.036 (0.008)
CXOMP J131159.2+423928	239.18 (17.28)	32.71 (7.25)	146.60 (13.41)	59.87 (9.56)	164.06 (14.12)	74.88 (10.51)	0.192 (0.014)
CXOMP J131201.1+424208	24.77 (7.19)	8.13 (4.45)	13.98 (5.23)	2.66 (4.17)	21.19 (6.09)	2.97 (4.33)	0.020 (0.006)
CXOMP J131206.5+424141	67.76 (9.67)	3.69 (3.41)	32.49 (6.90)	31.58 (6.99)	24.99 (6.28)	43.12 (7.93)	0.053 (0.008)
CXOMP J131209.9+424129	124.62 (12.40)	5.67 (3.80)	76.81 (9.88)	42.14 (7.70)	68.29 (9.42)	54.86 (8.61)	0.098 (0.010)
CXOMP J131211.6+424413	98.16 (11.30)	70.30 (9.54)	24.21 (6.18)	3.65 (3.81)	48.67 (8.20)	4.27 (3.99)	0.078 (0.009)
CXOMP J131215.2+423900	425.91 (21.79)	183.75 (14.63)	197.94 (15.14)	44.22 (7.92)	311.80 (18.72)	60.79 (9.06)	0.329 (0.017)
CXOMP J131219.9+424221	81.03 (10.27)	24.87 (6.18)	46.12 (7.91)	10.04 (4.59)	62.87 (9.05)	11.75 (4.86)	0.063 (0.008)
CXOMP J131220.4+423523	56.93 (11.94)	7.03 (5.77)	38.95 (8.46)	10.95 (7.53)	38.48 (8.61)	13.88 (8.06)	0.048 (0.010)
CXOMP J131221.5+424405	37.89 (7.55)	24.15 (6.08)	11.82 (4.72)	1.92 (3.20)	24.49 (6.18)	3.68 (3.62)	0.031 (0.006)
CXOMP J131221.6+423547	106.24 (13.35)	34.25 (7.89)	63.07 (9.63)	8.91 (6.66)	72.28 (10.31)	21.64 (7.87)	0.089 (0.011)
CXOMP J131222.3+423813	274.14 (17.83)	147.02 (13.24)	104.88 (11.39)	22.24 (6.19)	189.16 (14.89)	31.95 (7.08)	0.216 (0.014)
CXOMP J131222.4+424451	54.28 (8.61)	4.19 (3.41)	33.25 (6.90)	16.84 (5.34)	33.02 (6.90)	20.78 (5.78)	0.058 (0.009)
CXOMP J131226.0+423735	67.59 (10.02)	26.69 (6.56)	33.98 (7.16)	6.91 (4.75)	53.72 (8.68)	9.14 (5.13)	0.054 (0.008)
CXOMP J131229.1+423731	23.90 (8.43)	7.96 (5.35)	17.50 (6.56)	0.00 (3.64)	22.13 (7.40)	0.00 (4.16)	0.023 (0.008)
CXOMP J131235.7+424150	178.55 (14.57)	9.06 (4.29)	119.74 (12.04)	49.75 (8.27)	111.53 (11.67)	66.48 (9.36)	0.145 (0.012)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J131236.6+424002	625.31 (26.14)	250.81 (16.90)	297.52 (18.32)	76.98 (10.00)	448.97 (22.26)	111.68 (11.77)	0.512 (0.021)
CXOMP J131239.3+424248	69.22 (9.54)	15.33 (5.10)	41.18 (7.54)	12.71 (4.85)	49.90 (8.20)	16.47 (5.34)	0.070 (0.010)
CXOMP J131239.7+424549	53.18 (9.21)	10.56 (4.73)	26.76 (6.56)	15.87 (5.91)	33.31 (7.16)	19.77 (6.40)	0.056 (0.010)
CXOMP J131240.2+423934	38.45 (7.94)	5.56 (3.98)	22.61 (6.09)	10.28 (4.86)	24.94 (6.38)	12.70 (5.24)	0.032 (0.007)
CXOMP J131258.0+424823	888.50 (32.90)	263.83 (18.04)	491.32 (23.90)	133.35 (15.30)	675.20 (27.80)	185.42 (17.35)	1.031 (0.038)
CXOMP J131623.2+291406	85.49 (19.73)	25.02 (9.84)	50.61 (11.81)	9.86 (13.53)	62.76 (12.73)	19.43 (14.65)	0.096 (0.022)
CXOMP J131625.9+291149	56.57 (16.81)	6.80 (7.84)	45.08 (10.67)	4.69 (11.53)	41.91 (10.85)	16.84 (12.71)	0.063 (0.019)
CXOMP J131636.4+291341	66.02 (13.86)	1.56 (5.42)	43.50 (9.30)	20.95 (9.86)	28.07 (8.49)	37.80 (11.14)	0.071 (0.015)
CXOMP J131647.9+291753	58.20 (15.23)	13.79 (7.19)	22.46 (8.76)	21.95 (11.26)	36.56 (9.98)	24.55 (11.91)	0.063 (0.016)
CXOMP J131651.3+291239	354.87 (20.22)	36.67 (7.23)	214.38 (15.80)	103.82 (11.64)	226.05 (16.16)	126.53 (12.71)	0.355 (0.020)
CXOMP J131652.6+290601	48.03 (9.28)	12.76 (5.24)	20.38 (6.10)	14.90 (6.12)	31.04 (7.17)	15.70 (6.32)	0.053 (0.010)
CXOMP J131654.1+291321	293.29 (18.53)	72.85 (9.71)	177.08 (14.49)	43.36 (8.15)	225.75 (16.20)	56.16 (9.07)	0.292 (0.018)
CXOMP J131654.5+291004	237.36 (16.62)	10.82 (4.58)	147.29 (13.24)	79.25 (10.11)	133.01 (12.66)	104.68 (11.44)	0.245 (0.017)
CXOMP J131657.1+291449	186.26 (15.50)	8.27 (4.60)	116.85 (12.14)	61.14 (9.63)	108.36 (11.83)	76.09 (10.57)	0.193 (0.016)
CXOMP J131657.1+291304	69.51 (9.90)	15.23 (5.22)	39.03 (7.47)	15.25 (5.58)	51.52 (8.41)	16.64 (5.80)	0.068 (0.010)
CXOMP J131657.4+291813	65.66 (13.88)	15.29 (6.80)	37.11 (8.94)	13.27 (9.40)	45.71 (9.86)	19.43 (10.17)	0.071 (0.015)
CXOMP J131657.9+290554	153.71 (14.02)	5.86 (4.15)	98.97 (11.20)	48.88 (8.56)	80.04 (10.27)	74.80 (10.17)	0.168 (0.015)
CXOMP J131659.3+290330	179.89 (16.23)	4.27 (4.92)	94.92 (11.42)	80.69 (11.46)	75.05 (10.58)	101.50 (12.56)	0.203 (0.018)
CXOMP J131700.1+291307	43.99 (8.15)	5.57 (3.80)	26.03 (6.27)	12.38 (5.12)	27.11 (6.46)	16.13 (5.58)	0.042 (0.008)
CXOMP J131701.2+290656	114.26 (12.05)	22.66 (5.98)	68.51 (9.42)	23.09 (6.29)	77.84 (9.99)	30.68 (7.00)	0.118 (0.012)
CXOMP J131701.2+291322	103.34 (11.55)	11.93 (4.72)	61.24 (8.99)	30.17 (6.92)	63.86 (9.18)	39.79 (7.71)	0.101 (0.011)
CXOMP J131701.3+291433	137.95 (13.31)	11.25 (4.73)	81.44 (10.22)	45.26 (8.37)	79.97 (10.16)	57.52 (9.21)	0.150 (0.014)
CXOMP J131702.1+290637	44.19 (8.22)	20.77 (5.78)	22.47 (5.98)	0.95 (3.43)	43.02 (7.77)	0.41 (3.44)	0.046 (0.009)
CXOMP J131704.5+292208	56.36 (20.58)	22.50 (10.08)	20.54 (11.11)	13.32 (15.13)	30.66 (12.15)	18.21 (16.16)	0.069 (0.025)
CXOMP J131704.7+290527	29.47 (9.39)	1.81 (4.86)	27.72 (7.78)	0.32 (4.33)	27.08 (8.35)	0.73 (5.02)	0.032 (0.010)
CXOMP J131705.1+290530	36.91 (9.51)	11.70 (5.23)	23.78 (7.63)	1.05 (4.47)	32.98 (8.41)	1.65 (5.01)	0.040 (0.010)
CXOMP J131705.9+290538	78.37 (10.45)	1.34 (2.96)	50.57 (8.34)	26.46 (6.75)	43.46 (7.85)	35.32 (7.57)	0.084 (0.011)
CXOMP J131706.0+290916	655.57 (26.69)	143.24 (13.03)	400.43 (21.04)	111.90 (11.72)	494.81 (23.29)	153.81 (13.53)	0.652 (0.027)
CXOMP J131706.2+290827	29.77 (6.82)	9.10 (4.29)	20.33 (5.67)	0.34 (2.68)	24.72 (6.18)	4.10 (3.62)	0.031 (0.007)
CXOMP J131706.6+290445	39.25 (8.59)	2.57 (3.63)	20.62 (6.10)	16.05 (6.11)	19.81 (6.10)	19.62 (6.59)	0.042 (0.009)
CXOMP J131707.6+291239	62.31 (9.12)	5.62 (3.60)	35.62 (7.06)	21.07 (5.88)	38.53 (7.31)	23.88 (6.18)	0.062 (0.009)
CXOMP J131711.1+292206	147.74 (22.34)	34.28 (10.80)	84.17 (13.78)	29.28 (15.05)	95.50 (14.56)	40.64 (16.27)	0.170 (0.026)
CXOMP J131714.5+291041	62.76 (9.18)	8.31 (4.13)	42.17 (7.62)	12.28 (4.85)	45.77 (7.92)	14.99 (5.23)	0.062 (0.009)
CXOMP J131714.6+290635	42.38 (8.00)	9.71 (4.44)	21.56 (5.88)	11.12 (4.86)	24.81 (6.28)	16.82 (5.57)	0.044 (0.008)
CXOMP J131717.1+290639	94.72 (11.10)	11.76 (4.72)	54.47 (8.54)	28.49 (6.74)	61.82 (9.05)	32.99 (7.16)	0.099 (0.012)
CXOMP J131718.8+291111	98.79 (11.15)	21.12 (5.78)	57.83 (8.73)	19.83 (5.67)	69.34 (9.48)	26.59 (6.37)	0.098 (0.011)
CXOMP J131724.0+290955	52.45 (8.48)	12.61 (4.71)	30.28 (6.64)	9.55 (4.44)	39.33 (7.39)	11.27 (4.72)	0.052 (0.008)
CXOMP J131729.7+290730	161.55 (14.12)	22.04 (5.78)	90.43 (10.79)	49.08 (8.42)	101.80 (11.29)	57.35 (9.00)	0.170 (0.015)
CXOMP J131730.7+291055	82.15 (10.44)	18.99 (5.56)	47.21 (8.06)	15.96 (5.46)	64.16 (9.18)	17.18 (5.68)	0.087 (0.011)
CXOMP J131731.9+290850	45.84 (8.43)	12.57 (4.85)	19.22 (5.67)	14.05 (5.47)	30.40 (6.82)	14.80 (5.58)	0.048 (0.009)
CXOMP J131731.9+291650	197.04 (16.88)	6.95 (5.43)	80.43 (10.74)	109.66 (12.79)	47.73 (9.00)	145.50 (14.40)	0.217 (0.019)
CXOMP J131732.9+291055	31.22 (7.34)	5.28 (3.80)	16.98 (5.46)	8.96 (4.73)	21.49 (5.99)	10.37 (5.00)	0.032 (0.008)
CXOMP J131733.4+290810	71.04 (10.18)	6.46 (4.14)	42.84 (7.85)	21.73 (6.39)	43.32 (7.92)	28.78 (7.09)	0.075 (0.011)
CXOMP J131736.6+291114	138.98 (13.43)	20.33 (5.89)	93.36 (10.90)	25.29 (6.84)	105.54 (11.54)	31.41 (7.42)	0.146 (0.014)
CXOMP J131736.6+291436	54.31 (10.18)	1.68 (3.83)	34.71 (7.57)	17.92 (6.88)	32.78 (7.50)	22.79 (7.45)	0.059 (0.011)
CXOMP J131746.0+290912	193.23 (16.67)	38.32 (8.10)	115.77 (12.38)	39.15 (9.20)	132.58 (13.19)	55.59 (10.35)	0.213 (0.018)
CXOMP J134411.0+555353	59.17 (9.00)	10.08 (4.44)	36.98 (7.23)	12.11 (4.85)	41.50 (7.62)	16.01 (5.34)	0.134 (0.020)
CXOMP J134437.0+555811	36.20 (7.57)	6.86 (4.15)	19.93 (5.67)	9.41 (4.59)	22.30 (5.99)	11.04 (4.87)	0.069 (0.014)
CXOMP J134440.2+555648	513.40 (23.74)	238.31 (16.49)	219.12 (15.86)	55.97 (8.60)	343.02 (19.57)	85.68 (10.37)	0.872 (0.040)
CXOMP J134440.2+555445	55.06 (8.61)	20.43 (5.67)	23.72 (5.98)	10.91 (4.58)	30.39 (6.64)	14.91 (5.10)	0.091 (0.014)
CXOMP J134442.0+555313	1775.10 (48.63)	515.42 (30.01)	661.35 (29.20)	598.34 (26.38)	1034.91 (38.13)	648.49 (27.56)	2.894 (0.079)
CXOMP J134449.1+555812	124.02 (12.45)	66.94 (9.36)	55.65 (8.61)	1.43 (3.21)	107.46 (11.48)	1.17 (3.22)	0.223 (0.022)
CXOMP J134450.6+555531	104.73 (11.39)	10.52 (4.43)	68.52 (9.35)	25.70 (6.28)	71.33 (9.53)	32.70 (6.90)	0.175 (0.019)
CXOMP J134508.0+555058	89.76 (11.01)	39.41 (7.55)	34.41 (7.16)	15.93 (5.58)	55.22 (8.74)	17.35 (5.79)	0.149 (0.018)
CXOMP J134508.5+555421	114.66 (11.95)	35.90 (7.15)	63.95 (9.11)	14.80 (5.23)	87.65 (10.48)	23.55 (6.19)	0.184 (0.019)
CXOMP J134509.9+555530	142.05 (13.21)	74.34 (9.77)	50.59 (8.27)	17.13 (5.57)	100.14 (11.14)	18.62 (5.79)	0.234 (0.022)
CXOMP J134510.6+555135	49.97 (8.69)	10.62 (4.72)	22.15 (5.99)	17.20 (5.68)	20.15 (5.89)	24.77 (6.47)	0.082 (0.014)
CXOMP J134513.6+555628	42.21 (8.37)	3.13 (3.81)	26.42 (6.47)	12.66 (5.24)	22.66 (6.19)	17.04 (5.79)	0.072 (0.014)
CXOMP J134727.7-114039	37.12 (7.56)	26.42 (6.37)	10.00 (4.44)	0.70 (2.96)	29.04 (6.64)	1.56 (3.20)	0.306 (0.062)
CXOMP J140634.3+341025	38.47 (7.39)	10.52 (4.43)	20.71 (5.67)	7.23 (3.97)	31.47 (6.73)	7.19 (3.97)	0.142 (0.027)
CXOMP J140636.6+341419	44.97 (7.92)	11.64 (4.57)	25.70 (6.17)	7.63 (4.13)	31.64 (6.73)	12.58 (4.85)	0.174 (0.031)
CXOMP J140639.1+341259	27.52 (6.37)	9.95 (4.28)	11.81 (4.57)	5.76 (3.60)	17.76 (5.33)	7.76 (3.96)	0.104 (0.024)
CXOMP J140644.8+341135	40.50 (7.62)	7.56 (4.13)	20.13 (5.67)	12.81 (4.71)	25.13 (6.28)	14.66 (4.97)	0.156 (0.029)
CXOMP J140649.1+340938	32.77 (6.90)	10.51 (4.43)	18.85 (5.45)	3.41 (3.19)	23.61 (5.98)	5.41 (3.61)	0.130 (0.027)
CXOMP J141057.3+521131	38.22 (7.39)	17.57 (5.33)	17.61 (5.33)	3.04 (3.19)	22.42 (5.88)	5.04 (3.61)	0.139 (0.027)
CXOMP J141059.6+521154	60.67 (8.93)	31.57 (6.73)	25.57 (6.18)	3.52 (3.19)	46.33 (7.91)	5.48 (3.60)	0.220 (0.032)
CXOMP J141103.7+521757	59.50 (13.79)	13.83 (9.78)	27.91 (8.87)	14.85 (6.12)	34.79 (11.05)	20.54 (6.85)	0.257 (0.060)
CXOMP J141104.2+521755	82.43 (13.79)	56.86 (9.83)	30.58 (9.00)	0.00 (5.82)	60.16 (11.15)	0.00 (6.68)	0.328 (0.055)
CXOMP J141108.9+521645	34.78 (7.32)	16.09 (5.22)	15.75 (5.22)	2.94 (3.42)	24.61 (6.18)	6.70 (4.14)	0.131 (0.028)
CXOMP J141113.6+521341	42.63 (7.70)	23.34 (5.98)	18.62 (5.45)	0.67 (2.33)	27.29 (6.37)	2.58 (2.94)	0.153 (0.028)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J141114.4+521611	26.05 (6.47)	14.42 (4.97)	7.08 (3.97)	4.55 (3.61)	16.89 (5.34)	4.41 (3.61)	0.097 (0.024)
CXOMP J141114.4+520630	70.69 (9.78)	32.13 (6.81)	30.89 (6.73)	7.67 (4.45)	49.84 (8.20)	12.48 (5.11)	0.373 (0.052)
CXOMP J141119.4+521400	145.70 (13.16)	79.47 (9.99)	50.52 (8.20)	15.71 (5.10)	99.28 (11.04)	18.71 (5.45)	0.526 (0.047)
CXOMP J141123.4+521332	510.64 (23.67)	286.15 (17.96)	179.34 (14.45)	45.15 (7.84)	303.29 (18.46)	71.92 (9.59)	1.844 (0.085)
CXOMP J141126.0+521850	24.91 (7.29)	8.77 (4.74)	15.42 (5.35)	0.72 (3.84)	15.78 (5.70)	4.37 (4.48)	0.098 (0.029)
CXOMP J141127.3+521131	70.74 (9.53)	6.53 (3.79)	42.91 (7.62)	21.30 (5.77)	39.63 (7.39)	29.25 (6.55)	0.256 (0.034)
CXOMP J141129.1+521333	25.55 (6.28)	4.71 (3.40)	17.57 (5.33)	3.28 (3.19)	19.52 (5.56)	5.18 (3.61)	0.093 (0.023)
CXOMP J141130.8+521424	30.19 (6.64)	19.95 (5.56)	10.81 (4.43)	0.00 (1.88)	29.86 (6.55)	0.00 (1.88)	0.111 (0.024)
CXOMP J141512.5+113203	94.10 (12.47)	16.18 (6.32)	54.03 (9.08)	23.89 (7.28)	59.70 (9.75)	29.50 (7.97)	0.273 (0.036)
CXOMP J141513.4+113456	50.31 (11.52)	16.77 (6.70)	21.83 (7.29)	11.70 (7.33)	29.38 (8.55)	17.92 (8.09)	0.148 (0.034)
CXOMP J141515.2+113104	109.83 (12.48)	25.99 (6.75)	55.99 (8.94)	27.84 (7.10)	75.50 (10.29)	33.66 (7.65)	0.309 (0.035)
CXOMP J141520.6+112802	91.32 (11.11)	20.99 (5.99)	61.73 (9.05)	8.60 (4.74)	78.20 (10.11)	9.01 (4.87)	0.253 (0.031)
CXOMP J141524.0+113152	103.37 (11.59)	8.67 (4.44)	56.91 (8.74)	37.79 (7.47)	60.06 (9.06)	43.55 (7.92)	0.279 (0.031)
CXOMP J141525.8+113007	123.09 (12.31)	29.99 (6.64)	76.93 (9.88)	16.17 (5.34)	95.58 (10.89)	22.97 (6.09)	0.329 (0.033)
CXOMP J141529.8+113133	103.14 (11.34)	25.09 (6.18)	54.28 (8.47)	23.76 (6.08)	72.71 (9.65)	29.57 (6.64)	0.271 (0.030)
CXOMP J141531.0+112712	184.01 (14.71)	44.80 (7.84)	110.45 (11.57)	28.75 (6.55)	137.61 (12.83)	40.66 (7.54)	0.492 (0.039)
CXOMP J141531.4+113157	639.91 (26.36)	146.57 (13.16)	366.71 (20.18)	126.62 (12.35)	455.33 (22.37)	163.57 (13.88)	1.676 (0.069)
CXOMP J141538.0+112746	114.60 (11.81)	47.52 (7.98)	50.81 (8.20)	16.28 (5.22)	75.66 (9.76)	21.18 (5.78)	0.331 (0.034)
CXOMP J141539.6+112837	25.54 (6.28)	11.42 (4.58)	11.66 (4.57)	2.46 (2.94)	15.46 (5.10)	5.27 (3.61)	0.072 (0.018)
CXOMP J141551.5+112700	61.65 (9.05)	31.30 (6.73)	24.30 (6.08)	6.06 (3.79)	43.83 (7.77)	7.97 (4.13)	0.188 (0.028)
CXOMP J141557.0+112647	27.94 (6.83)	15.18 (5.23)	11.78 (4.72)	0.97 (2.96)	19.92 (5.78)	0.77 (2.96)	0.080 (0.020)
CXOMP J141558.7+445009	163.94 (15.02)	55.04 (8.88)	78.97 (10.39)	29.93 (7.90)	116.24 (12.24)	38.29 (8.67)	0.624 (0.057)
CXOMP J141559.1+112702	24.72 (6.66)	9.83 (4.59)	15.16 (5.22)	0.00 (2.68)	19.45 (5.78)	2.03 (3.42)	0.073 (0.020)
CXOMP J141605.7+112718	53.89 (9.33)	11.12 (5.12)	30.23 (6.82)	12.54 (5.48)	38.69 (7.71)	13.83 (5.70)	0.165 (0.029)
CXOMP J141615.3+444739	48.04 (8.62)	3.73 (3.19)	26.72 (6.73)	17.58 (5.68)	24.71 (6.46)	22.94 (6.28)	0.171 (0.031)
CXOMP J141623.6+444943	25.62 (6.37)	6.48 (3.79)	16.67 (5.22)	2.47 (3.20)	22.28 (5.88)	3.38 (3.41)	0.090 (0.022)
CXOMP J141624.5+445156	249.12 (16.94)	70.34 (9.47)	141.06 (12.95)	37.71 (7.39)	192.69 (14.96)	51.47 (8.41)	0.941 (0.064)
CXOMP J141624.9+444045	135.96 (13.98)	38.88 (7.79)	61.47 (9.32)	35.61 (8.40)	83.25 (10.66)	43.82 (9.06)	0.502 (0.052)
CXOMP J141626.6+445240	100.05 (11.35)	22.03 (5.88)	51.12 (8.34)	26.90 (6.56)	63.07 (9.12)	33.19 (7.16)	0.366 (0.042)
CXOMP J141637.0+444645	333.91 (19.33)	112.81 (11.67)	174.52 (14.26)	46.57 (7.91)	256.52 (17.06)	59.48 (8.80)	1.126 (0.065)
CXOMP J141639.6+444920	23.18 (5.98)	6.90 (3.79)	15.66 (5.10)	0.61 (2.33)	20.66 (5.67)	2.52 (2.94)	0.079 (0.020)
CXOMP J141641.6+445240	30.33 (6.73)	3.62 (3.19)	22.62 (5.88)	4.09 (3.41)	20.43 (5.67)	8.95 (4.29)	0.109 (0.024)
CXOMP J141643.4+444555	46.20 (7.91)	9.80 (4.28)	22.70 (5.88)	13.70 (4.84)	30.55 (6.64)	14.65 (4.97)	0.155 (0.027)
CXOMP J141644.0+444456	33.20 (6.99)	2.39 (2.94)	23.53 (5.98)	7.29 (3.96)	21.20 (5.77)	12.10 (4.72)	0.113 (0.024)
CXOMP J141647.8+444250	29.61 (7.09)	9.83 (4.44)	19.00 (5.67)	0.78 (3.21)	26.04 (6.37)	3.13 (3.81)	0.106 (0.025)
CXOMP J141651.0+444640	74.56 (9.77)	26.84 (6.27)	39.63 (7.39)	8.09 (4.13)	58.52 (8.73)	12.04 (4.72)	0.249 (0.033)
CXOMP J141655.6+445453	122.28 (12.68)	10.18 (4.73)	86.48 (10.54)	25.61 (6.75)	82.88 (10.38)	39.41 (7.94)	0.461 (0.048)
CXOMP J141656.1+444720	244.44 (16.71)	28.71 (6.46)	152.61 (13.40)	63.12 (9.05)	163.41 (13.84)	81.02 (10.10)	0.825 (0.056)
CXOMP J141656.3+445340	42.33 (8.08)	2.60 (3.19)	13.26 (4.98)	26.47 (6.56)	11.78 (4.86)	29.99 (6.91)	0.159 (0.030)
CXOMP J141700.0+445002	56.87 (8.67)	8.86 (4.12)	42.81 (7.62)	5.20 (3.61)	46.81 (7.91)	9.15 (4.29)	0.198 (0.030)
CXOMP J141700.7+445344	21.91 (6.58)	3.08 (3.42)	17.08 (5.46)	1.74 (3.63)	17.75 (5.57)	5.11 (4.31)	0.083 (0.025)
CXOMP J141700.7+445606	5067.13 (72.42)	1774.47 (43.22)	2717.19 (53.22)	575.47 (25.37)	3912.65 (63.65)	794.50 (29.54)	20.140 (0.288)
CXOMP J141712.2+444408	33.45 (7.73)	7.93 (4.29)	17.64 (5.57)	7.88 (4.88)	22.67 (6.19)	10.20 (5.25)	0.120 (0.028)
CXOMP J141715.0+445316	113.14 (12.43)	29.55 (6.83)	68.52 (9.60)	15.07 (5.91)	91.54 (10.90)	18.89 (6.40)	0.426 (0.047)
CXOMP J141715.2+445420	168.66 (14.97)	47.29 (8.36)	94.66 (11.11)	26.71 (7.36)	125.11 (12.59)	36.06 (8.18)	0.647 (0.057)
CXOMP J141730.0+444545	55.30 (10.28)	16.68 (5.91)	27.77 (7.01)	10.84 (6.24)	38.55 (8.02)	13.07 (6.62)	0.206 (0.038)
CXOMP J141733.5+444608	61.48 (10.93)	9.51 (5.26)	40.24 (8.09)	11.73 (6.63)	37.95 (8.10)	23.29 (7.77)	0.231 (0.041)
CXOMP J143211.8-011306	91.76 (11.62)	18.52 (5.90)	49.63 (8.49)	23.60 (6.85)	65.64 (9.55)	26.16 (7.19)	0.518 (0.066)
CXOMP J143227.2-011211	30.38 (7.00)	3.89 (3.41)	18.13 (5.45)	8.35 (4.45)	18.46 (5.56)	11.26 (4.86)	0.163 (0.038)
CXOMP J143227.4-010935	43.63 (7.77)	9.76 (4.28)	25.67 (6.17)	8.20 (4.13)	30.57 (6.64)	12.10 (4.72)	0.224 (0.040)
CXOMP J143227.8-010147	32.85 (6.90)	1.70 (2.67)	21.70 (5.77)	9.46 (4.29)	18.70 (5.45)	14.33 (4.98)	0.183 (0.039)
CXOMP J143228.9-010612	27.17 (6.55)	9.17 (4.43)	14.87 (4.84)	3.13 (3.40)	22.12 (5.88)	3.80 (3.60)	0.135 (0.033)
CXOMP J143230.9-005936	82.27 (10.44)	23.70 (6.08)	43.47 (7.77)	15.11 (5.35)	59.79 (8.93)	18.82 (5.79)	0.461 (0.059)
CXOMP J143244.4-005913	1659.83 (41.91)	376.64 (20.52)	987.27 (32.48)	295.92 (18.41)	1216.82 (35.96)	381.33 (20.73)	9.661 (0.244)
CXOMP J143245.9-010829	66.40 (9.36)	6.48 (3.79)	38.29 (7.31)	21.63 (5.88)	39.01 (7.39)	25.39 (6.28)	0.382 (0.054)
CXOMP J143303.4-010708	79.65 (11.10)	16.48 (5.70)	45.39 (8.29)	17.77 (6.32)	52.95 (8.89)	24.27 (7.04)	0.481 (0.067)
CXOMP J153416.3+232630	268.65 (19.93)	70.96 (10.68)	163.39 (14.71)	34.30 (9.85)	220.67 (17.06)	44.65 (10.80)	0.572 (0.042)
CXOMP J153428.1+232425	54.01 (11.25)	20.56 (6.86)	24.56 (7.19)	8.90 (6.82)	42.34 (8.92)	9.53 (7.17)	0.116 (0.024)
CXOMP J153429.8+232332	62.23 (11.94)	15.66 (6.70)	29.42 (7.75)	17.15 (7.56)	43.21 (9.18)	18.76 (8.01)	0.132 (0.025)
CXOMP J153442.7+232154	77.42 (12.10)	17.52 (6.54)	48.31 (8.72)	11.59 (6.87)	63.86 (10.01)	12.70 (7.22)	0.172 (0.027)
CXOMP J153442.7+232822	66.71 (9.36)	18.25 (5.45)	35.30 (7.07)	13.16 (4.85)	46.88 (7.99)	17.97 (5.45)	0.125 (0.018)
CXOMP J153443.6+232341	119.53 (12.73)	13.57 (5.47)	76.73 (10.00)	29.23 (7.17)	87.88 (10.75)	33.54 (7.57)	0.255 (0.027)
CXOMP J153448.2+232722	117.76 (11.99)	37.02 (7.23)	59.39 (8.80)	21.35 (5.77)	82.56 (10.21)	28.35 (6.46)	0.222 (0.023)
CXOMP J153448.9+232940	38.31 (7.55)	0.67 (2.68)	23.96 (6.08)	13.67 (4.98)	20.25 (5.78)	17.53 (5.45)	0.054 (0.011)
CXOMP J153451.9+232828	78.08 (10.22)	29.88 (6.73)	39.63 (7.55)	8.57 (4.29)	60.25 (9.06)	12.32 (4.85)	0.112 (0.015)
CXOMP J153452.3+233248	42.34 (7.77)	6.29 (3.79)	22.33 (5.88)	13.72 (4.98)	26.05 (6.27)	14.53 (5.10)	0.061 (0.011)
CXOMP J153452.6+232848	51.96 (8.69)	33.42 (7.07)	15.73 (5.34)	2.81 (3.19)	47.02 (8.21)	2.45 (3.20)	0.073 (0.012)
CXOMP J153453.0+232855	27.68 (7.01)	22.96 (6.19)	3.96 (3.81)	0.75 (2.68)	24.97 (6.57)	0.41 (2.68)	0.039 (0.010)
CXOMP J153453.7+232816	120.29 (12.36)	71.83 (9.71)	43.78 (7.92)	4.68 (3.61)	107.53 (11.68)	6.44 (3.97)	0.170 (0.017)
CXOMP J153455.5+233417	52.61 (9.02)	16.26 (5.58)	28.84 (6.65)	7.50 (4.60)	44.98 (8.07)	8.02 (4.74)	0.074 (0.013)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J153457.7+233006	90.39 (11.42)	40.45 (8.01)	47.58 (8.42)	2.36 (3.43)	80.13 (10.67)	5.98 (4.15)	0.128 (0.016)
CXOMP J153501.7+233425	48.63 (9.16)	10.72 (5.37)	28.35 (6.65)	9.56 (5.13)	32.69 (7.25)	14.92 (5.81)	0.070 (0.013)
CXOMP J153504.6+233447	25.24 (7.91)	6.63 (5.02)	15.08 (5.47)	3.53 (4.62)	20.00 (6.20)	5.46 (5.02)	0.037 (0.012)
CXOMP J153510.7+232745	49.76 (8.70)	17.85 (5.69)	25.00 (6.28)	6.91 (4.31)	35.49 (7.32)	11.43 (5.00)	0.072 (0.013)
CXOMP J153518.7+233313	61.97 (11.01)	18.24 (6.71)	34.35 (7.50)	9.39 (6.17)	42.12 (8.45)	13.55 (6.73)	0.096 (0.017)
CXOMP J154939.4+212558	40.63 (7.54)	8.53 (4.13)	22.76 (5.88)	9.34 (4.28)	28.67 (6.46)	11.25 (4.58)	0.098 (0.018)
CXOMP J154942.6+212507	44.15 (7.85)	13.29 (4.85)	24.71 (6.08)	6.14 (3.79)	33.62 (6.90)	10.10 (4.44)	0.106 (0.019)
CXOMP J154945.4+213010	278.35 (17.92)	108.22 (11.58)	135.07 (12.74)	35.07 (7.16)	207.92 (15.56)	47.76 (8.14)	0.691 (0.045)
CXOMP J154947.2+212857	43.24 (7.85)	22.86 (5.98)	20.57 (5.67)	0.00 (2.34)	41.05 (7.54)	0.62 (2.68)	0.114 (0.021)
CXOMP J154949.5+212557	127.27 (12.44)	33.22 (6.90)	75.32 (9.76)	18.73 (5.56)	96.93 (10.94)	27.64 (6.46)	0.310 (0.030)
CXOMP J155000.9+212423	23.04 (6.19)	8.09 (4.13)	15.09 (5.10)	0.00 (2.34)	22.90 (5.98)	0.57 (2.68)	0.055 (0.015)
CXOMP J155003.3+212806	35.93 (7.42)	7.32 (4.14)	1.57 (2.96)	27.04 (6.38)	7.11 (4.15)	27.61 (6.47)	0.086 (0.018)
CXOMP J155003.5+212757	51.44 (9.13)	8.65 (4.14)	31.55 (7.23)	11.25 (5.35)	33.69 (7.32)	15.76 (5.99)	0.127 (0.023)
CXOMP J155012.4+212617	138.14 (13.51)	59.00 (9.06)	66.49 (9.48)	12.65 (5.59)	94.23 (11.10)	20.79 (6.49)	0.342 (0.033)
CXOMP J162246.4+263833	65.24 (10.85)	11.17 (5.39)	36.57 (7.82)	17.51 (6.73)	46.20 (8.59)	19.34 (7.08)	0.279 (0.046)
CXOMP J162252.0+263853	66.69 (10.20)	12.46 (5.11)	43.48 (8.00)	10.75 (5.49)	51.14 (8.55)	17.23 (6.31)	0.284 (0.043)
CXOMP J162300.1+263755	100.64 (11.35)	18.73 (5.56)	58.40 (8.80)	23.51 (6.18)	67.89 (9.42)	30.37 (6.82)	0.415 (0.047)
CXOMP J162327.1+263207	54.77 (8.61)	11.76 (4.57)	30.24 (6.64)	12.77 (4.85)	34.19 (6.98)	18.67 (5.56)	0.207 (0.032)
CXOMP J162330.1+264441	148.84 (14.31)	34.14 (7.33)	92.76 (11.06)	21.94 (7.12)	114.38 (12.15)	32.20 (8.04)	0.624 (0.060)
CXOMP J162331.2+264335	58.08 (9.63)	1.69 (3.43)	44.28 (8.00)	12.11 (5.60)	39.28 (7.71)	17.96 (6.31)	0.234 (0.039)
CXOMP J162333.6+264035	25.99 (6.47)	3.70 (3.18)	17.15 (5.34)	5.15 (3.80)	18.40 (5.45)	7.74 (4.30)	0.099 (0.025)
CXOMP J162335.9+263652	36.93 (7.23)	5.95 (3.60)	22.51 (5.88)	8.46 (4.13)	26.66 (6.27)	10.32 (4.43)	0.134 (0.026)
CXOMP J162343.6+263244	409.37 (21.42)	87.52 (10.48)	231.47 (16.33)	90.38 (10.69)	285.85 (18.03)	113.00 (11.81)	1.558 (0.082)
CXOMP J162346.1+263643	24.61 (6.38)	6.45 (3.79)	15.18 (5.10)	2.98 (3.42)	18.91 (5.56)	3.87 (3.62)	0.091 (0.024)
CXOMP J162353.8+263937	110.99 (12.25)	38.60 (7.55)	69.89 (9.60)	2.51 (4.33)	100.28 (11.30)	7.68 (5.14)	0.422 (0.047)
CXOMP J162410.3+264144	110.60 (15.24)	20.17 (7.08)	64.83 (10.47)	25.60 (9.81)	76.02 (11.19)	30.38 (10.45)	0.455 (0.063)
CXOMP J162410.6+263853	79.15 (12.70)	12.30 (5.94)	46.44 (8.78)	20.41 (8.32)	46.89 (9.04)	29.17 (9.11)	0.326 (0.052)
CXOMP J162415.4+263728	132.70 (15.45)	48.86 (8.93)	91.87 (11.60)	0.00 (6.91)	130.79 (13.39)	0.00 (7.88)	0.552 (0.064)
CXOMP J162418.2+263914	65.27 (14.16)	19.46 (7.30)	28.73 (8.58)	17.08 (9.80)	40.13 (9.54)	20.87 (10.39)	0.272 (0.059)
CXOMP J165538.9-082450	61.54 (8.92)	15.95 (5.09)	36.95 (7.14)	8.63 (4.13)	46.95 (7.91)	12.58 (4.71)	0.681 (0.099)
CXOMP J171613.3+671133	70.52 (9.72)	5.40 (3.61)	50.61 (8.27)	14.51 (5.23)	47.80 (8.06)	23.01 (6.19)	0.158 (0.022)
CXOMP J171613.7+670639	94.13 (11.51)	52.81 (8.54)	48.29 (8.28)	0.00 (2.41)	99.73 (11.25)	0.00 (3.02)	0.222 (0.027)
CXOMP J171614.4+671344	42.94 (8.08)	5.92 (3.79)	22.00 (5.99)	15.02 (5.35)	24.09 (6.18)	19.04 (5.89)	0.096 (0.018)
CXOMP J171621.2+671312	32.38 (7.08)	3.16 (3.19)	22.16 (5.88)	7.05 (4.14)	21.61 (5.88)	9.77 (4.59)	0.072 (0.016)
CXOMP J171632.8+670636	55.97 (9.14)	0.41 (2.68)	41.84 (7.70)	13.72 (5.47)	32.65 (6.99)	23.19 (6.48)	0.128 (0.021)
CXOMP J171635.5+671626	90.41 (10.90)	17.67 (5.45)	51.08 (8.34)	21.66 (6.09)	60.23 (8.93)	28.77 (6.83)	0.213 (0.026)
CXOMP J171636.9+670829	74.44 (9.94)	5.19 (3.61)	13.05 (4.98)	56.19 (8.67)	15.77 (5.34)	57.86 (8.80)	0.166 (0.022)
CXOMP J171637.9+671307	43.68 (7.77)	0.00 (1.87)	17.66 (5.33)	26.12 (6.27)	16.76 (5.22)	26.98 (6.37)	0.096 (0.017)
CXOMP J171638.0+671155	70.03 (9.47)	10.76 (4.43)	46.76 (7.91)	12.51 (4.71)	52.56 (8.33)	17.46 (5.33)	0.151 (0.020)
CXOMP J171651.7+670854	114.96 (12.00)	3.07 (3.19)	71.78 (9.71)	40.11 (7.47)	58.36 (8.93)	56.74 (8.67)	0.246 (0.026)
CXOMP J171653.1+670750	68.69 (9.78)	9.56 (4.44)	38.88 (7.55)	20.26 (5.89)	45.30 (8.07)	22.73 (6.19)	0.149 (0.021)
CXOMP J171700.7+670519	146.69 (13.75)	39.23 (7.55)	80.37 (10.22)	27.09 (7.01)	108.87 (11.68)	34.13 (7.65)	0.331 (0.031)
CXOMP J171702.6+670704	32.64 (7.16)	7.19 (3.97)	18.76 (5.56)	6.70 (4.14)	22.76 (5.98)	10.32 (4.73)	0.072 (0.016)
CXOMP J171709.1+670821	42.13 (7.70)	6.62 (3.79)	25.71 (6.17)	9.80 (4.44)	29.57 (6.55)	12.66 (4.85)	0.090 (0.016)
CXOMP J171710.4+670930	34.81 (7.07)	10.86 (4.43)	22.52 (5.88)	1.43 (2.67)	29.48 (6.55)	3.33 (3.19)	0.073 (0.015)
CXOMP J171711.1+671818	45.42 (8.90)	4.24 (3.81)	30.68 (7.00)	10.50 (5.49)	30.11 (7.00)	14.40 (6.02)	0.106 (0.021)
CXOMP J171713.4+671433	382.36 (20.62)	9.66 (4.28)	231.61 (16.26)	141.08 (12.95)	202.56 (15.28)	178.84 (14.45)	0.820 (0.044)
CXOMP J171725.4+670616	78.19 (10.57)	19.47 (5.79)	38.26 (7.48)	20.46 (6.31)	50.06 (8.42)	25.83 (6.85)	0.173 (0.023)
CXOMP J171740.4+671147	57.45 (8.80)	13.71 (4.84)	31.27 (6.73)	12.48 (4.85)	41.36 (7.54)	16.19 (5.34)	0.118 (0.018)
CXOMP J171748.3+670544	178.42 (15.39)	40.75 (7.86)	109.95 (11.87)	27.71 (7.59)	129.50 (12.80)	41.16 (8.65)	0.408 (0.035)
CXOMP J171749.1+671017	50.36 (8.55)	6.73 (3.97)	35.68 (7.15)	7.96 (4.45)	40.38 (7.55)	8.57 (4.59)	0.107 (0.018)
CXOMP J171758.4+671203	239.43 (16.82)	48.27 (8.13)	145.94 (13.20)	45.21 (8.21)	173.10 (14.30)	61.65 (9.31)	0.528 (0.037)
CXOMP J171805.4+670959	58.68 (9.75)	19.18 (5.79)	29.91 (6.91)	9.59 (5.50)	42.95 (8.00)	9.15 (5.61)	0.132 (0.022)
CXOMP J171805.9+671218	42.25 (8.58)	8.29 (4.45)	24.88 (6.38)	9.08 (5.26)	30.81 (7.00)	11.16 (5.60)	0.090 (0.018)
CXOMP J171807.6+670647	239.88 (17.78)	55.90 (9.01)	137.32 (13.17)	46.65 (9.41)	166.43 (14.39)	64.84 (10.59)	0.573 (0.042)
CXOMP J171815.0+670347	82.68 (14.90)	40.94 (9.06)	49.40 (9.84)	0.00 (8.18)	87.84 (11.97)	0.00 (8.55)	0.201 (0.036)
CXOMP J171825.5+670459	109.95 (15.79)	25.75 (7.91)	64.77 (10.70)	19.43 (9.86)	83.03 (11.74)	22.83 (10.53)	0.267 (0.038)
CXOMP J171859.7+671444	244.23 (21.90)	46.55 (10.60)	158.72 (15.45)	38.96 (12.72)	179.51 (16.51)	58.60 (14.09)	0.613 (0.055)
CXOMP J180658.6+694358	26.60 (6.75)	2.49 (3.20)	18.95 (5.56)	5.15 (3.99)	16.37 (5.34)	10.04 (4.73)	0.229 (0.058)
CXOMP J180726.7+694626	30.03 (6.73)	12.42 (4.71)	16.42 (5.22)	1.18 (2.67)	24.14 (6.08)	2.04 (2.95)	0.243 (0.054)
CXOMP J184050.7+794841	29.60 (6.64)	8.57 (4.13)	11.61 (4.57)	9.42 (4.28)	17.47 (5.33)	11.37 (4.58)	0.097 (0.022)
CXOMP J184130.4+794537	29.34 (6.83)	5.47 (3.80)	20.74 (5.78)	3.13 (3.19)	21.76 (5.99)	6.02 (3.80)	0.101 (0.024)
CXOMP J184143.4+794747	62.32 (9.18)	24.68 (6.18)	33.38 (6.99)	4.26 (3.41)	52.69 (8.48)	5.07 (3.61)	0.216 (0.032)
CXOMP J184148.1+794743	138.35 (12.96)	56.06 (8.60)	66.13 (9.30)	16.16 (5.22)	99.88 (11.14)	19.82 (5.67)	0.457 (0.043)
CXOMP J184224.3+794542	90.03 (10.80)	65.61 (9.24)	24.99 (6.28)	0.00 (2.35)	75.18 (9.88)	0.00 (2.35)	0.293 (0.035)
CXOMP J184228.6+794511	27.94 (7.09)	10.97 (4.72)	13.53 (5.23)	3.44 (3.62)	19.61 (6.00)	6.06 (4.14)	0.090 (0.023)
CXOMP J184255.4+794551	18.44 (5.79)	15.10 (5.10)	4.91 (3.61)	0.00 (1.89)	18.67 (5.56)	0.00 (2.35)	0.061 (0.019)
CXOMP J205558.1-043340	46.49 (8.28)	4.83 (3.61)	32.68 (6.90)	8.98 (4.59)	26.15 (6.37)	20.59 (5.99)	0.131 (0.023)
CXOMP J205603.6-043118	86.18 (10.54)	24.20 (6.08)	47.20 (7.99)	14.79 (5.23)	66.01 (9.23)	17.55 (5.57)	0.245 (0.030)
CXOMP J205604.3-043013	47.73 (8.42)	0.00 (2.34)	24.61 (6.18)	23.32 (6.29)	16.56 (5.34)	31.72 (7.08)	0.132 (0.023)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J205605.4-044057	128.04 (13.17)	15.01 (5.48)	78.83 (10.23)	34.20 (7.67)	85.01 (10.60)	42.36 (8.39)	0.399 (0.041)
CXOMP J205606.0-043329	30.14 (6.73)	5.67 (3.60)	17.57 (5.33)	6.90 (3.97)	22.43 (5.88)	6.71 (3.97)	0.082 (0.018)
CXOMP J205606.6-043725	120.41 (12.13)	28.66 (6.46)	77.28 (9.88)	14.46 (5.10)	93.33 (10.74)	22.17 (5.98)	0.328 (0.033)
CXOMP J205609.1-043103	71.96 (9.71)	0.05 (2.34)	53.24 (8.40)	18.67 (5.56)	44.91 (7.84)	27.39 (6.46)	0.202 (0.027)
CXOMP J205609.3-043832	36.58 (7.48)	2.91 (3.19)	19.72 (5.67)	13.95 (5.11)	21.24 (5.88)	15.57 (5.34)	0.102 (0.021)
CXOMP J205609.5-043728	98.22 (11.04)	12.95 (4.71)	56.46 (8.60)	28.81 (6.55)	64.50 (9.11)	31.71 (6.82)	0.269 (0.030)
CXOMP J205611.0-043412	38.82 (7.39)	5.62 (3.60)	20.67 (5.67)	12.53 (4.71)	24.48 (6.08)	14.34 (4.97)	0.110 (0.021)
CXOMP J205614.8-044134	67.41 (10.25)	7.40 (4.46)	47.22 (8.28)	12.79 (5.71)	47.15 (8.35)	18.61 (6.41)	0.197 (0.030)
CXOMP J205617.1-044155	84.47 (11.29)	17.18 (5.69)	51.95 (8.69)	15.34 (6.12)	64.62 (9.55)	16.85 (6.41)	0.242 (0.032)
CXOMP J205618.6-043429	46.88 (7.99)	1.71 (2.67)	9.76 (4.28)	35.41 (7.07)	5.59 (3.60)	41.29 (7.54)	0.125 (0.021)
CXOMP J205620.5-043059	51.22 (8.34)	8.39 (4.13)	34.54 (6.98)	8.29 (4.13)	38.24 (7.31)	13.19 (4.85)	0.137 (0.022)
CXOMP J205620.9-043047	38.88 (7.47)	5.31 (3.61)	30.68 (6.64)	2.89 (3.19)	34.42 (6.98)	4.83 (3.61)	0.105 (0.020)
CXOMP J205622.2-044005	128.43 (12.71)	28.44 (6.55)	70.95 (9.59)	29.04 (6.83)	90.41 (10.69)	36.56 (7.48)	0.355 (0.035)
CXOMP J205624.7-043533	44.67 (7.84)	0.00 (1.88)	3.70 (3.18)	41.36 (7.54)	2.46 (2.94)	42.31 (7.62)	0.115 (0.020)
CXOMP J205624.8-042824	48.44 (8.64)	10.23 (4.59)	28.16 (6.56)	10.05 (5.01)	36.52 (7.32)	12.76 (5.37)	0.143 (0.026)
CXOMP J205629.1-043415	67.83 (9.36)	15.63 (5.10)	43.53 (7.69)	8.67 (4.13)	53.39 (8.40)	12.44 (4.71)	0.177 (0.024)
CXOMP J205631.3-043614	81.82 (10.21)	14.67 (4.97)	43.29 (7.69)	23.86 (6.08)	54.34 (8.47)	27.58 (6.46)	0.217 (0.027)
CXOMP J205631.5-044010	59.86 (9.68)	11.49 (4.72)	27.50 (7.40)	20.87 (5.70)	33.98 (7.78)	27.51 (6.30)	0.167 (0.027)
CXOMP J205632.5-044012	24.39 (11.97)	14.75 (5.23)	11.68 (8.68)	0.00 (7.71)	24.14 (9.12)	0.00 (8.29)	0.068 (0.033)
CXOMP J205632.8-042650	86.51 (12.25)	19.53 (6.40)	46.00 (8.57)	20.99 (7.45)	62.34 (9.74)	25.67 (7.98)	0.237 (0.034)
CXOMP J205633.1-043434	20.40 (5.89)	7.70 (3.96)	13.22 (4.85)	0.00 (2.35)	19.28 (5.56)	0.25 (2.69)	0.053 (0.015)
CXOMP J205634.8-043451	35.98 (7.23)	3.70 (3.18)	22.61 (5.88)	9.67 (4.44)	24.56 (6.08)	11.52 (4.72)	0.098 (0.020)
CXOMP J205635.1-043945	32.87 (7.81)	0.00 (2.69)	9.17 (4.59)	23.85 (6.67)	5.73 (4.15)	28.08 (7.10)	0.091 (0.022)
CXOMP J205638.1-043753	111.59 (12.02)	18.94 (5.68)	67.07 (9.36)	25.57 (6.57)	80.50 (10.16)	28.99 (6.92)	0.309 (0.033)
CXOMP J205638.9-043152	44.69 (8.36)	0.00 (2.35)	31.23 (6.82)	14.22 (5.47)	23.45 (6.19)	21.49 (6.30)	0.114 (0.021)
CXOMP J205648.1-042937	135.41 (14.65)	10.08 (5.38)	90.89 (11.22)	34.43 (9.01)	91.77 (11.37)	43.75 (9.79)	0.369 (0.040)
CXOMP J205649.3-042536	53.52 (15.14)	9.80 (7.78)	37.71 (9.66)	6.01 (9.96)	43.38 (10.47)	15.83 (11.05)	0.158 (0.045)
CXOMP J213958.7-233553	47.83 (9.09)	21.43 (6.09)	23.24 (6.29)	3.16 (4.62)	40.67 (7.86)	6.58 (5.14)	0.122 (0.023)
CXOMP J213958.9-233849	39.98 (7.71)	11.89 (4.72)	23.13 (5.98)	4.97 (3.80)	32.79 (6.90)	5.82 (3.98)	0.093 (0.018)
CXOMP J214001.0-234053	64.89 (9.30)	27.32 (6.37)	29.93 (6.64)	7.64 (4.13)	48.74 (8.13)	10.40 (4.58)	0.159 (0.023)
CXOMP J214001.4-234112	715.12 (27.79)	324.45 (19.05)	302.22 (18.43)	88.45 (10.48)	506.04 (23.53)	108.17 (11.48)	1.879 (0.073)
CXOMP J214003.0-233700	34.86 (7.57)	2.36 (3.20)	23.17 (6.08)	9.34 (4.73)	24.73 (6.28)	9.85 (4.87)	0.083 (0.018)
CXOMP J214004.4-233945	28.00 (6.56)	10.66 (4.43)	14.22 (4.97)	3.12 (3.19)	20.22 (5.67)	3.98 (3.41)	0.067 (0.016)
CXOMP J214006.1-234119	53.33 (8.54)	2.32 (2.95)	37.32 (7.23)	13.69 (4.98)	36.03 (7.15)	17.64 (5.45)	0.127 (0.020)
CXOMP J214007.0-233530	27.90 (7.35)	6.20 (4.15)	15.78 (5.34)	5.92 (4.61)	20.83 (5.99)	7.45 (4.88)	0.068 (0.018)
CXOMP J214010.4-233905	28.34 (6.92)	0.16 (2.68)	0.40 (2.96)	27.77 (6.46)	0.18 (3.21)	28.63 (6.55)	0.068 (0.017)
CXOMP J214014.3-234220	108.78 (11.58)	62.32 (8.99)	43.32 (7.69)	3.14 (3.19)	76.97 (9.88)	10.14 (4.44)	0.263 (0.028)
CXOMP J214014.5-233605	22.20 (6.48)	14.18 (5.10)	7.56 (4.13)	0.46 (3.21)	15.94 (5.34)	2.12 (3.63)	0.053 (0.016)
CXOMP J214018.0-234920	161.55 (15.53)	46.59 (8.50)	97.66 (11.55)	17.31 (7.71)	129.93 (13.15)	28.78 (8.76)	0.434 (0.042)
CXOMP J214018.3-234055	177.91 (14.53)	81.54 (10.16)	81.64 (10.16)	14.73 (5.10)	127.76 (12.44)	20.59 (5.78)	0.416 (0.034)
CXOMP J214019.6-233508	30.19 (7.96)	1.08 (3.44)	22.18 (6.29)	6.92 (5.01)	20.22 (6.20)	9.27 (5.48)	0.073 (0.019)
CXOMP J214020.2-233451	32.29 (8.11)	8.60 (4.88)	14.48 (5.47)	9.21 (5.13)	20.06 (6.30)	9.54 (5.26)	0.079 (0.020)
CXOMP J214020.5-233517	26.76 (7.51)	8.07 (4.73)	13.98 (5.35)	4.71 (4.31)	15.73 (5.80)	7.86 (4.88)	0.067 (0.019)
CXOMP J214023.6-233554	88.47 (11.01)	4.27 (3.99)	62.98 (9.18)	21.22 (6.09)	59.83 (9.13)	29.88 (6.91)	0.212 (0.026)
CXOMP J214027.1-234252	68.51 (9.48)	11.52 (4.58)	49.19 (8.13)	7.80 (4.13)	56.19 (8.60)	11.47 (4.72)	0.164 (0.023)
CXOMP J214041.4-234719	1447.70 (39.78)	396.33 (21.24)	796.10 (29.49)	255.28 (17.85)	1046.94 (33.64)	324.04 (19.90)	4.008 (0.110)
CXOMP J215202.6-273231	52.10 (8.34)	21.57 (5.77)	21.81 (5.77)	8.72 (4.13)	35.43 (7.07)	10.72 (4.43)	0.450 (0.072)
CXOMP J215204.2-272847	20.42 (5.78)	6.76 (3.79)	13.42 (4.85)	0.23 (2.34)	17.42 (5.33)	1.09 (2.67)	0.162 (0.046)
CXOMP J215206.5-273026	41.47 (7.54)	19.86 (5.56)	16.81 (5.22)	4.81 (3.40)	29.76 (6.55)	4.76 (3.40)	0.339 (0.062)
CXOMP J215219.1-272716	30.98 (6.92)	14.16 (4.98)	10.30 (4.44)	6.52 (3.98)	18.09 (5.45)	7.17 (4.15)	0.291 (0.065)
CXOMP J221240.1-220747	62.72 (9.86)	20.90 (5.99)	25.04 (6.47)	16.78 (6.01)	43.02 (8.00)	17.02 (6.11)	0.362 (0.057)
CXOMP J221249.1-221131	99.39 (11.14)	15.61 (5.10)	59.37 (8.80)	24.41 (6.18)	70.32 (9.47)	27.07 (6.46)	0.549 (0.062)
CXOMP J221251.6-221347	31.68 (7.00)	7.61 (3.96)	18.16 (5.45)	5.92 (3.98)	24.10 (6.08)	6.64 (4.14)	0.174 (0.038)
CXOMP J221255.8-221003	93.97 (10.79)	27.72 (6.36)	54.72 (8.47)	11.53 (4.58)	77.58 (9.88)	14.39 (4.97)	0.532 (0.061)
CXOMP J221258.1-221358	27.92 (6.56)	4.67 (3.40)	18.29 (5.45)	4.96 (3.61)	23.24 (5.98)	4.77 (3.61)	0.151 (0.035)
CXOMP J221313.0-220423	141.71 (13.17)	17.90 (5.45)	95.67 (10.89)	28.14 (6.65)	99.29 (11.09)	39.81 (7.63)	0.782 (0.073)
CXOMP J221318.4-221018	46.32 (7.91)	4.81 (3.40)	7.86 (3.96)	33.66 (6.90)	12.71 (4.71)	33.61 (6.90)	0.251 (0.043)
CXOMP J221319.5-220833	46.76 (7.91)	20.00 (5.56)	23.90 (5.98)	2.86 (2.94)	40.95 (7.46)	5.81 (3.60)	0.246 (0.042)
CXOMP J221323.2-220721	383.30 (20.64)	120.72 (12.04)	209.68 (15.52)	52.90 (8.40)	288.59 (18.02)	77.80 (9.93)	2.163 (0.116)
CXOMP J221325.9-221642	33.88 (7.41)	4.95 (3.61)	20.18 (5.78)	8.75 (4.59)	21.37 (5.88)	10.17 (4.86)	0.191 (0.042)
CXOMP J221326.1-220547	72.79 (9.95)	29.17 (6.55)	37.41 (7.40)	6.21 (4.15)	65.10 (9.30)	7.79 (4.45)	0.404 (0.055)
CXOMP J221328.8-221148	39.71 (7.47)	5.81 (3.60)	31.67 (6.73)	2.24 (2.95)	33.57 (6.90)	5.19 (3.61)	0.216 (0.041)
CXOMP J221333.1-221000	40.38 (7.63)	3.60 (3.19)	24.40 (6.08)	12.39 (4.85)	28.20 (6.46)	12.19 (4.85)	0.224 (0.042)
CXOMP J221337.8-220825	34.52 (7.49)	7.05 (3.97)	22.97 (6.09)	4.51 (3.99)	26.78 (6.47)	6.87 (4.47)	0.196 (0.043)
CXOMP J221352.5-221552	298.76 (19.70)	181.37 (14.89)	120.61 (12.53)	0.00 (6.03)	288.31 (18.38)	0.00 (6.54)	1.853 (0.122)
CXOMP J223531.5+340127	126.87 (12.53)	26.61 (6.37)	69.56 (9.48)	30.70 (6.82)	90.08 (10.64)	35.31 (7.24)	0.782 (0.077)
CXOMP J223538.4+340610	155.12 (14.10)	34.55 (7.24)	92.96 (10.90)	27.61 (7.01)	118.94 (12.23)	33.53 (7.57)	0.985 (0.090)
CXOMP J223551.8+340105	52.04 (8.34)	12.89 (4.71)	29.60 (6.55)	9.55 (4.28)	39.55 (7.39)	12.55 (4.71)	0.318 (0.051)
CXOMP J223553.9+335946	32.24 (6.90)	7.24 (3.97)	20.57 (5.67)	4.43 (3.40)	27.19 (6.37)	5.38 (3.61)	0.139 (0.030)
CXOMP J223606.5+335625	47.49 (8.06)	13.62 (4.84)	27.43 (6.37)	6.43 (3.79)	36.20 (7.15)	10.39 (4.43)	0.200 (0.034)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J223622.2+335652	27.73 (7.26)	3.10 (3.62)	17.57 (5.57)	7.05 (4.60)	17.96 (5.68)	9.48 (5.00)	0.126 (0.033)
CXOMP J224007.1+031813	460.79 (22.64)	119.42 (12.04)	256.42 (17.09)	84.94 (10.43)	331.90 (19.30)	109.42 (11.67)	1.888 (0.093)
CXOMP J224021.4+032442	27.36 (6.56)	10.02 (4.44)	12.46 (4.71)	4.87 (3.61)	20.12 (5.67)	5.83 (3.80)	0.110 (0.026)
CXOMP J224022.8+032451	154.86 (13.61)	60.20 (8.86)	72.25 (9.59)	22.41 (5.98)	111.20 (11.62)	28.36 (6.55)	0.596 (0.052)
CXOMP J224028.5+031850	56.22 (8.67)	30.80 (6.64)	20.36 (5.67)	5.06 (3.61)	42.46 (7.62)	7.81 (4.13)	0.205 (0.032)
CXOMP J224036.2+032609	49.00 (8.63)	21.20 (5.99)	24.88 (6.28)	2.92 (3.62)	42.35 (7.77)	3.39 (3.81)	0.185 (0.033)
CXOMP J224041.6+032325	21.54 (5.99)	9.10 (4.29)	11.39 (4.58)	1.05 (2.67)	17.10 (5.34)	1.82 (2.95)	0.078 (0.022)
CXOMP J224046.1+032325	38.38 (7.79)	7.19 (4.14)	25.14 (6.28)	6.04 (4.15)	27.74 (6.56)	7.69 (4.45)	0.144 (0.029)
CXOMP J224050.9+032309	58.42 (9.45)	29.35 (6.74)	24.30 (6.28)	4.77 (4.47)	38.61 (7.55)	6.18 (4.75)	0.229 (0.037)
CXOMP J224054.5+032143	28.35 (7.51)	10.70 (4.73)	12.82 (5.11)	4.83 (4.62)	18.33 (5.79)	5.95 (4.89)	0.110 (0.029)
CXOMP J224054.7+032208	46.60 (8.85)	20.90 (6.00)	20.97 (6.00)	4.73 (4.64)	33.96 (7.25)	8.12 (5.15)	0.184 (0.035)
CXOMP J230209.0+084559	122.41 (16.57)	18.19 (7.50)	76.60 (11.38)	27.61 (10.69)	77.60 (11.68)	38.52 (11.65)	0.154 (0.021)
CXOMP J230211.1+084654	67.61 (13.88)	8.58 (6.36)	31.35 (8.56)	27.68 (10.03)	35.98 (9.08)	28.36 (10.49)	0.086 (0.018)
CXOMP J230215.2+084408	55.14 (12.09)	18.83 (6.69)	29.68 (7.98)	6.63 (7.59)	44.46 (9.18)	8.23 (8.05)	0.066 (0.015)
CXOMP J230218.0+084409	177.72 (15.83)	37.03 (7.72)	109.92 (12.06)	30.77 (8.34)	135.38 (13.23)	38.70 (9.07)	0.218 (0.019)
CXOMP J230221.6+084653	198.48 (16.03)	11.23 (5.24)	124.18 (12.45)	63.07 (9.86)	121.65 (12.41)	76.49 (10.67)	0.243 (0.020)
CXOMP J230222.2+085024	312.20 (20.29)	67.76 (9.91)	175.04 (14.85)	69.40 (11.13)	201.80 (15.83)	94.36 (12.48)	0.378 (0.025)
CXOMP J230223.1+084550	64.59 (10.25)	4.46 (4.15)	39.06 (7.71)	21.07 (6.67)	42.40 (8.08)	22.68 (6.94)	0.083 (0.013)
CXOMP J230225.6+084725	69.22 (10.25)	4.11 (3.81)	51.79 (8.41)	13.32 (5.93)	44.50 (8.00)	25.91 (7.03)	0.080 (0.012)
CXOMP J230229.6+084857	89.01 (11.27)	19.14 (5.79)	52.02 (8.55)	17.84 (6.21)	67.46 (9.54)	19.82 (6.50)	0.106 (0.013)
CXOMP J230231.1+083920	52.53 (10.84)	3.15 (4.48)	35.08 (7.95)	14.30 (7.15)	33.82 (8.11)	19.45 (7.78)	0.061 (0.013)
CXOMP J230238.1+084956	113.38 (12.24)	15.71 (5.34)	73.19 (9.77)	24.48 (6.66)	77.86 (10.05)	33.52 (7.49)	0.127 (0.014)
CXOMP J230240.2+083611	1129.01 (36.27)	140.58 (13.77)	723.47 (28.51)	264.96 (19.04)	782.82 (29.62)	336.53 (21.18)	1.373 (0.044)
CXOMP J230241.0+085110	82.29 (11.18)	8.52 (4.59)	42.78 (8.00)	30.99 (7.58)	40.72 (7.93)	38.83 (8.23)	0.098 (0.013)
CXOMP J230241.1+084118	27.62 (6.83)	4.74 (3.61)	16.64 (5.34)	6.24 (4.14)	19.94 (5.78)	7.82 (4.45)	0.032 (0.008)
CXOMP J230243.0+083946	199.10 (15.68)	27.66 (6.56)	124.11 (12.36)	47.33 (8.56)	142.42 (13.17)	56.07 (9.20)	0.225 (0.018)
CXOMP J230243.0+085127	48.62 (9.54)	11.24 (4.99)	30.28 (7.09)	7.11 (5.62)	36.40 (7.64)	12.82 (6.33)	0.055 (0.011)
CXOMP J230244.1+084152	50.49 (8.41)	7.35 (3.96)	29.60 (6.64)	13.55 (4.98)	27.41 (6.46)	22.18 (5.98)	0.055 (0.009)
CXOMP J230245.6+085103	48.36 (9.28)	7.72 (4.45)	25.07 (6.57)	15.57 (6.22)	28.40 (6.92)	18.27 (6.59)	0.054 (0.010)
CXOMP J230246.6+084819	46.31 (8.07)	12.62 (4.71)	30.30 (6.64)	3.39 (3.42)	38.30 (7.31)	7.23 (4.14)	0.049 (0.009)
CXOMP J230247.0+084704	46.62 (8.06)	0.00 (1.87)	18.05 (5.45)	28.91 (6.55)	9.24 (4.29)	37.53 (7.31)	0.049 (0.008)
CXOMP J230247.2+084824	58.61 (8.93)	6.61 (3.79)	40.18 (7.47)	11.82 (4.86)	42.98 (7.69)	15.73 (5.34)	0.063 (0.010)
CXOMP J230247.6+084757	93.20 (10.84)	12.57 (4.71)	50.43 (8.20)	30.20 (6.73)	51.38 (8.27)	39.01 (7.47)	0.099 (0.012)
CXOMP J230247.7+084228	32.45 (6.99)	3.72 (3.18)	20.40 (5.67)	8.33 (4.29)	18.30 (5.45)	14.15 (5.10)	0.036 (0.008)
CXOMP J230249.0+085153	232.86 (17.22)	30.65 (7.08)	153.50 (13.73)	48.71 (9.09)	164.60 (14.20)	68.65 (10.36)	0.274 (0.020)
CXOMP J230249.0+084240	51.72 (8.41)	3.71 (3.18)	35.38 (7.07)	12.62 (4.85)	34.33 (6.98)	17.48 (5.45)	0.055 (0.009)
CXOMP J230250.4+084203	26.74 (6.56)	4.47 (3.40)	16.93 (5.34)	5.35 (3.80)	20.69 (5.78)	6.10 (3.97)	0.029 (0.007)
CXOMP J230250.8+083558	54.33 (13.85)	0.00 (5.02)	38.16 (9.36)	23.29 (9.97)	27.23 (8.94)	30.62 (10.86)	0.065 (0.017)
CXOMP J230252.0+084135	114.73 (12.33)	47.58 (8.21)	58.58 (9.06)	8.58 (4.59)	103.11 (11.59)	10.96 (4.99)	0.127 (0.014)
CXOMP J230252.2+084810	136.66 (12.87)	23.45 (5.98)	88.95 (10.53)	24.26 (6.18)	100.67 (11.14)	35.12 (7.15)	0.153 (0.014)
CXOMP J230254.3+083904	2133.45 (47.48)	328.11 (19.28)	1342.40 (37.74)	462.95 (22.85)	1497.99 (39.82)	598.08 (25.79)	2.429 (0.054)
CXOMP J230254.4+084426	45.63 (7.99)	0.56 (2.33)	25.06 (6.18)	20.01 (5.67)	24.34 (6.08)	20.46 (5.78)	0.050 (0.009)
CXOMP J230256.1+083849	157.30 (14.68)	21.68 (6.29)	93.09 (11.11)	42.53 (8.65)	101.80 (11.59)	54.64 (9.52)	0.180 (0.017)
CXOMP J230257.3+084834	413.22 (21.52)	82.18 (10.21)	248.99 (16.87)	82.05 (10.27)	298.01 (18.38)	113.63 (11.86)	0.452 (0.024)
CXOMP J230259.0+084301	41.99 (7.78)	2.52 (2.95)	20.92 (5.78)	18.56 (5.57)	23.04 (5.98)	19.07 (5.68)	0.053 (0.010)
CXOMP J230259.6+084443	129.77 (12.53)	23.53 (5.98)	80.24 (10.04)	26.00 (6.27)	95.15 (10.84)	33.77 (6.99)	0.143 (0.014)
CXOMP J230300.9+084659	996.78 (32.69)	144.18 (13.08)	590.97 (25.37)	261.62 (17.31)	661.44 (26.79)	327.43 (19.22)	1.114 (0.037)
CXOMP J230301.2+084313	103.91 (11.54)	17.88 (5.45)	63.28 (9.12)	22.75 (6.19)	72.97 (9.71)	29.25 (6.83)	0.119 (0.013)
CXOMP J230302.6+084403	35.81 (7.48)	1.12 (2.67)	25.58 (6.28)	9.11 (4.59)	21.63 (5.88)	13.62 (5.23)	0.040 (0.008)
CXOMP J230303.3+085037	35.04 (9.45)	2.50 (3.82)	26.64 (7.10)	5.91 (6.26)	29.52 (7.42)	5.83 (6.46)	0.039 (0.011)
CXOMP J230304.0+085000	126.30 (13.51)	13.64 (5.36)	83.66 (10.60)	29.00 (7.83)	88.16 (10.92)	36.97 (8.54)	0.141 (0.015)
CXOMP J230304.6+084130	64.80 (9.99)	13.21 (5.12)	38.90 (7.56)	12.70 (5.73)	46.97 (8.22)	15.69 (6.15)	0.080 (0.012)
CXOMP J230307.9+084234	33.83 (8.18)	4.59 (3.62)	22.65 (6.19)	6.60 (5.38)	17.28 (5.69)	13.09 (6.40)	0.039 (0.009)
CXOMP J230311.2+085129	96.05 (16.27)	21.83 (7.31)	58.35 (11.30)	15.86 (10.43)	73.33 (12.06)	23.19 (11.40)	0.119 (0.020)
CXOMP J230314.5+084845	91.68 (13.47)	0.00 (4.03)	3.92 (5.85)	89.41 (12.15)	0.00 (4.95)	98.87 (12.77)	0.108 (0.016)
CXOMP J230319.3+084501	50.76 (11.42)	12.04 (5.82)	20.82 (7.04)	17.90 (8.09)	25.97 (7.60)	19.32 (8.45)	0.061 (0.014)
CXOMP J230323.0+084408	73.67 (13.62)	4.81 (5.64)	39.87 (8.93)	29.00 (9.72)	31.23 (8.55)	41.34 (10.72)	0.090 (0.017)
CXOMP J234806.6+010350	89.81 (11.01)	19.63 (5.78)	47.96 (8.13)	22.21 (6.29)	58.01 (8.87)	29.41 (7.00)	0.202 (0.025)
CXOMP J234808.0+005813	42.72 (7.77)	4.19 (3.41)	24.33 (6.08)	14.19 (4.97)	23.00 (5.98)	18.95 (5.56)	0.049 (0.009)
CXOMP J234808.3+010112	77.73 (9.99)	16.32 (5.22)	41.52 (7.54)	19.89 (5.67)	47.37 (7.99)	24.70 (6.18)	0.163 (0.021)
CXOMP J234810.5+010552	153.50 (14.53)	21.19 (6.39)	104.37 (11.64)	27.95 (7.51)	110.30 (12.06)	42.69 (8.71)	0.346 (0.033)
CXOMP J234811.5+005700	269.35 (17.55)	125.74 (12.31)	119.92 (12.04)	23.69 (6.08)	197.64 (15.14)	29.41 (6.64)	0.316 (0.021)
CXOMP J234812.7+005750	203.01 (15.42)	84.69 (10.32)	89.93 (10.58)	28.39 (6.55)	147.30 (13.24)	37.10 (7.31)	0.237 (0.018)
CXOMP J234813.2+005611	39.56 (7.63)	3.39 (3.19)	3.06 (3.19)	33.11 (6.99)	4.92 (3.61)	32.92 (6.99)	0.046 (0.009)
CXOMP J234814.4+010311	111.24 (11.82)	26.06 (6.27)	66.71 (9.30)	18.47 (5.68)	84.26 (10.32)	26.07 (6.47)	0.241 (0.026)
CXOMP J234816.0+010657	58.88 (11.50)	8.13 (5.51)	29.71 (7.82)	21.04 (7.70)	35.90 (8.67)	22.00 (8.08)	0.136 (0.027)
CXOMP J234816.9+005436	22.10 (6.67)	12.75 (4.98)	9.61 (4.59)	0.00 (3.22)	18.08 (5.68)	0.00 (3.44)	0.025 (0.008)
CXOMP J234817.9+010615	112.23 (13.10)	57.25 (9.14)	47.86 (8.63)	7.12 (5.85)	106.45 (12.02)	6.39 (6.07)	0.253 (0.030)
CXOMP J234818.4+005520	29.70 (6.91)	1.99 (2.95)	19.94 (5.67)	7.78 (4.30)	19.60 (5.67)	10.59 (4.72)	0.034 (0.008)
CXOMP J234818.9+005950	239.38 (16.62)	111.05 (11.62)	101.00 (11.14)	27.33 (6.46)	168.81 (14.07)	34.95 (7.15)	0.277 (0.019)

Table 8 - continued

source name	net(B) 0.3-8.0	net(S1) 0.3-0.9	net(S2) 0.9-2.5	net(H) 2.5-8.0	net(Sc) 0.5-2.0	net(Hc) 2.0-8.0	Flux(B) 0.3-8.0
CXOMP J234820.2+005437	72.83 (10.12)	4.02 (3.62)	24.78 (6.28)	44.04 (8.07)	24.93 (6.38)	46.61 (8.28)	0.083 (0.012)
CXOMP J234820.8+010024	403.11 (21.20)	171.92 (14.18)	180.20 (14.48)	50.99 (8.34)	294.88 (18.23)	70.80 (9.59)	0.473 (0.025)
CXOMP J234822.9+005324	74.55 (10.83)	34.69 (7.40)	31.88 (7.16)	7.99 (5.38)	50.07 (8.62)	10.90 (5.82)	0.090 (0.013)
CXOMP J234823.2+010357	88.96 (10.91)	19.41 (5.67)	55.67 (8.67)	13.88 (5.35)	69.72 (9.60)	18.29 (5.90)	0.190 (0.023)
CXOMP J234825.9+005549	62.79 (9.31)	12.88 (4.85)	38.98 (7.39)	10.93 (4.86)	45.44 (7.92)	15.74 (5.46)	0.071 (0.011)
CXOMP J234826.2+010330	387.80 (20.88)	94.68 (10.84)	225.61 (16.10)	67.50 (9.49)	297.82 (18.35)	86.98 (10.59)	0.839 (0.045)
CXOMP J234826.3+010015	36.59 (7.40)	15.97 (5.22)	17.07 (5.34)	3.55 (3.41)	27.88 (6.46)	4.32 (3.61)	0.043 (0.009)
CXOMP J234828.4+005406	15.81 (7.05)	13.50 (5.35)	7.31 (4.60)	0.00 (3.48)	14.59 (5.58)	0.00 (3.86)	0.019 (0.008)
CXOMP J234833.5+005828	35.24 (7.64)	10.95 (4.72)	24.05 (6.18)	0.24 (3.21)	24.81 (6.28)	4.81 (4.15)	0.042 (0.009)
CXOMP J234835.3+005832	550.84 (25.91)	211.14 (16.00)	270.74 (18.52)	65.65 (10.49)	410.64 (22.21)	85.77 (11.78)	0.755 (0.036)
CXOMP J234839.3+005511	54.71 (12.04)	23.90 (7.60)	31.80 (7.87)	0.00 (6.71)	47.58 (9.27)	0.00 (7.38)	0.068 (0.015)

Table 9 X-ray colors

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J001758.9+163119	-0.44 (0.20)	-0.96 (4.22)	0.36 (0.09)
CXOMP J001801.7+163426	-0.09 (0.14)	-1.05 (5.38)	0.04 (0.11)
CXOMP J001807.2+163551	-0.08 (0.21)	-1.20 (16.36)	0.05 (0.16)
CXOMP J001807.9+163120	-0.34 (0.13)	-0.93 (2.29)	0.26 (0.06)
CXOMP J001808.5+163231	-0.33 (0.14)	-0.58 (0.75)	0.20 (0.08)
CXOMP J001809.3+162532	-0.52 (0.16)	-0.63 (0.85)	0.41 (0.06)
CXOMP J001810.2+163223	-0.61 (0.08)	-0.44 (0.20)	0.48 (0.03)
CXOMP J001810.2+162942	-0.76 (0.38)	-0.28 (0.57)	0.68 (0.13)
CXOMP J001817.6+163107	-0.20 (0.23)	-99.00 (0.00)	0.17 (0.14)
CXOMP J001818.0+163316	-0.58 (0.22)	-0.75 (1.80)	0.51 (0.07)
CXOMP J001821.7+161941	-0.75 (0.16)	-0.49 (0.42)	0.72 (0.05)
CXOMP J001825.0+163653	-0.49 (0.19)	-0.87 (2.54)	0.41 (0.07)
CXOMP J001827.0+162900	-0.55 (0.18)	-0.83 (1.95)	0.47 (0.06)
CXOMP J001828.5+162800	-0.50 (0.11)	-0.56 (0.44)	0.38 (0.04)
CXOMP J001828.6+163418	-0.66 (0.20)	-0.50 (0.66)	0.57 (0.06)
CXOMP J001831.4+162042	-0.63 (0.10)	-0.77 (0.78)	0.57 (0.03)
CXOMP J001833.4+163154	-0.65 (0.09)	-0.46 (0.25)	0.55 (0.03)
CXOMP J001836.8+163615	-0.42 (0.31)	-99.00 (0.00)	0.39 (0.12)
CXOMP J001837.3+163447	-0.71 (0.12)	-0.29 (0.20)	0.58 (0.04)
CXOMP J001837.4+163046	-0.67 (0.25)	-0.46 (0.73)	0.58 (0.08)
CXOMP J001837.4+163757	-0.71 (0.13)	-0.75 (0.89)	0.69 (0.04)
CXOMP J001837.5+163610	-0.51 (0.26)	-99.00 (0.00)	0.49 (0.09)
CXOMP J001837.9+163910	-0.48 (0.11)	-0.61 (0.55)	0.36 (0.05)
CXOMP J001838.1+163320	-0.65 (0.21)	-0.68 (1.26)	0.59 (0.06)
CXOMP J001845.3+163528	0.52 (0.32)	-0.67 (5.59)	-0.59 (1.34)
CXOMP J001845.7+163346	-0.40 (0.07)	-0.86 (0.84)	0.31 (0.03)
CXOMP J001850.1+162756	-0.63 (0.13)	-0.47 (0.38)	0.52 (0.04)
CXOMP J001853.5+162751	-0.33 (0.09)	-1.10 (2.86)	0.26 (0.04)
CXOMP J001854.9+162952	-0.68 (0.19)	-0.33 (0.35)	0.54 (0.07)
CXOMP J001859.8+162649	-0.64 (0.07)	-0.67 (0.36)	0.57 (0.02)
CXOMP J001905.9+162842	-0.23 (0.18)	-1.02 (5.53)	0.17 (0.11)
CXOMP J001909.2+163101	-0.50 (0.22)	-0.41 (0.58)	0.33 (0.12)
CXOMP J005716.6-273230	-0.51 (0.35)	-0.20 (0.30)	0.27 (0.43)
CXOMP J005717.9-271830	-0.74 (0.17)	0.11 (0.20)	0.47 (0.34)
CXOMP J005724.5-273201	-0.77 (0.12)	-0.04 (0.13)	0.61 (0.27)
CXOMP J005724.5-273201	-0.65 (0.20)	-0.60 (0.27)	0.58 (0.30)
CXOMP J005729.2-273043	-0.77 (0.28)	0.02 (0.24)	0.58 (0.62)
CXOMP J005730.8-273203	-0.53 (0.14)	0.13 (0.16)	0.15 (0.20)
CXOMP J005730.8-273203	-0.83 (0.19)	-0.29 (0.18)	0.85 (0.52)
CXOMP J005732.8-273006	-0.56 (0.14)	-0.55 (0.19)	0.44 (0.19)
CXOMP J005745.0-272922	-0.54 (0.15)	-0.46 (0.19)	0.39 (0.19)
CXOMP J005759.9-272126	-0.97 (0.03)	0.32 (0.08)	1.31 (0.47)
CXOMP J005800.6-272741	-0.77 (0.19)	0.04 (0.20)	0.57 (0.41)
CXOMP J005803.4-272135	-0.72 (0.13)	0.07 (0.15)	0.46 (0.25)
CXOMP J005811.4-272635	-0.89 (0.11)	0.26 (0.16)	0.79 (0.47)
CXOMP J005813.9-272549	-0.65 (0.16)	0.03 (0.18)	0.35 (0.26)
CXOMP J005814.6-275002	-1.00 (0.18)	-0.01 (0.22)	99.00 (0.00)
CXOMP J005819.9-272855	-0.95 (0.16)	0.47 (0.26)	99.00 (0.00)
CXOMP J005827.9-275157	-0.83 (0.10)	-0.07 (0.13)	0.77 (0.28)
CXOMP J005828.0-275125	-1.00 (0.13)	0.58 (0.28)	99.00 (0.00)
CXOMP J005828.4-273033	-0.71 (0.22)	0.12 (0.25)	0.41 (0.41)
CXOMP J005834.9-272713	-0.75 (0.19)	-0.55 (0.29)	0.74 (0.39)
CXOMP J005836.1-275016	-0.80 (0.16)	-0.14 (0.20)	0.71 (0.39)
CXOMP J010117.1+315050	-0.63 (0.09)	-0.29 (0.14)	0.47 (0.03)
CXOMP J010117.5+315157	-0.35 (0.18)	-0.68 (1.32)	0.24 (0.10)
CXOMP J010123.9+314607	-0.66 (0.04)	-0.42 (0.10)	0.55 (0.01)
CXOMP J010136.5+314655	-0.49 (0.11)	-0.46 (0.35)	0.34 (0.05)
CXOMP J010136.9+315327	-0.56 (0.20)	-0.63 (1.04)	0.47 (0.07)
CXOMP J010141.0+314503	-0.65 (0.07)	-0.46 (0.20)	0.54 (0.02)
CXOMP J010148.4+314653	-0.60 (0.10)	-0.36 (0.21)	0.44 (0.04)
CXOMP J010148.5+315348	-0.59 (0.30)	-0.59 (1.36)	0.49 (0.12)
CXOMP J010151.7+314407	-0.51 (0.25)	-0.34 (0.57)	0.32 (0.13)
CXOMP J010200.9+315224	-0.27 (0.14)	-1.34 (13.62)	0.22 (0.08)
CXOMP J010204.0+315325	-0.87 (0.17)	-0.25 (0.22)	0.98 (0.04)
CXOMP J010204.1+313921	-0.34 (0.13)	-0.40 (0.40)	0.16 (0.09)
CXOMP J010207.0+314050	-0.66 (0.11)	-0.45 (0.29)	0.56 (0.04)
CXOMP J010208.3+315638	-0.61 (0.10)	-0.37 (0.21)	0.47 (0.04)
CXOMP J010214.1+314201	-0.54 (0.14)	-1.11 (4.00)	0.49 (0.04)
CXOMP J010220.4+315110	-0.45 (0.17)	-1.05 (4.74)	0.38 (0.07)
CXOMP J010222.6+315305	-0.49 (0.31)	-0.75 (2.73)	0.39 (0.13)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J010225.5+314353	-0.66 (0.27)	-0.68 (1.64)	0.60 (0.09)
CXOMP J010229.7+314519	-0.56 (0.23)	-0.69 (1.50)	0.47 (0.09)
CXOMP J010251.5+314553	-0.50 (0.19)	-0.60 (0.95)	0.38 (0.09)
CXOMP J012357.0-350409	-0.89 (0.24)	-0.28 (0.34)	1.03 (0.05)
CXOMP J012401.2-350308	-0.88 (0.17)	-0.07 (0.14)	0.92 (0.04)
CXOMP J015216.9-140028	-0.78 (0.17)	-0.50 (0.19)	0.79 (0.38)
CXOMP J015223.8-135020	-0.25 (0.20)	-0.71 (0.37)	0.15 (0.19)
CXOMP J015229.4-135247	-0.69 (0.19)	-0.61 (0.28)	0.65 (0.32)
CXOMP J015234.7-135929	-0.54 (0.18)	-0.63 (0.29)	0.43 (0.22)
CXOMP J015234.8-140205	-0.68 (0.11)	-0.20 (0.13)	0.51 (0.19)
CXOMP J015239.8-135740	-0.31 (0.07)	-0.98 (0.16)	0.23 (0.07)
CXOMP J015240.3-135044	-0.38 (0.20)	-0.20 (0.24)	0.13 (0.23)
CXOMP J015241.0-140008	-0.65 (0.15)	-0.32 (0.19)	0.50 (0.24)
CXOMP J015241.3-140205	-1.00 (0.26)	-0.42 (0.29)	99.00 (0.00)
CXOMP J015241.5-135919	-0.04 (0.20)	-99.00 (0.00)	0.02 (0.17)
CXOMP J015243.3-135034	-0.58 (0.25)	-0.61 (0.38)	0.47 (0.33)
CXOMP J015243.5-135053	-0.83 (0.22)	-0.77 (0.40)	0.97 (0.63)
CXOMP J015243.8-135900	-0.72 (0.05)	-0.33 (0.06)	0.61 (0.09)
CXOMP J015249.4-135439	-0.61 (0.23)	-0.55 (0.34)	0.51 (0.33)
CXOMP J015253.1-140405	-0.71 (0.18)	-0.41 (0.20)	0.64 (0.32)
CXOMP J015254.3-134759	-0.83 (0.08)	-0.47 (0.12)	0.91 (0.24)
CXOMP J015301.6-135603	-0.57 (0.17)	-0.13 (0.20)	0.33 (0.24)
CXOMP J015302.0-135023	-0.37 (0.09)	-1.21 (0.29)	0.31 (0.09)
CXOMP J015308.0-135801	-0.74 (0.09)	-0.36 (0.12)	0.66 (0.18)
CXOMP J015309.9-135221	-0.60 (0.11)	-0.53 (0.15)	0.50 (0.15)
CXOMP J015311.1-135104	-0.44 (0.07)	-0.47 (0.09)	0.28 (0.08)
CXOMP J015312.3-135723	-0.61 (0.08)	-0.47 (0.11)	0.50 (0.12)
CXOMP J015314.8-135729	-0.60 (0.26)	-99.00 (0.00)	0.58 (0.34)
CXOMP J015316.0-140317	-0.83 (0.16)	-0.51 (0.17)	0.91 (0.44)
CXOMP J023208.6-211723	-1.00 (0.11)	0.32 (0.09)	99.00 (0.00)
CXOMP J023212.4-211651	-0.86 (0.25)	0.00 (0.26)	0.81 (0.13)
CXOMP J023229.6-211816	-0.88 (0.10)	0.00 (0.13)	0.88 (0.05)
CXOMP J023230.3-211757	-0.57 (0.23)	-0.04 (0.28)	0.28 (0.17)
CXOMP J023251.6-211720	-0.98 (0.07)	-0.19 (0.20)	99.00 (0.00)
CXOMP J030504.8+171654	-0.21 (0.22)	-1.04 (7.26)	0.14 (0.14)
CXOMP J030512.4+171731	-0.53 (0.11)	-0.56 (0.48)	0.41 (0.04)
CXOMP J030512.9+171726	-0.40 (0.12)	-0.60 (0.64)	0.27 (0.06)
CXOMP J030546.9+171403	-0.63 (0.27)	-0.61 (1.31)	0.55 (0.09)
CXOMP J030601.3+171830	-0.53 (0.12)	-0.73 (0.86)	0.44 (0.04)
CXOMP J030610.7+171105	-0.79 (0.15)	-0.66 (0.72)	0.84 (0.03)
CXOMP J033717.0-050455	-0.46 (0.11)	-0.52 (0.14)	0.32 (0.12)
CXOMP J033718.4-050214	-0.19 (0.25)	-0.63 (0.44)	0.08 (0.23)
CXOMP J033722.6-045905	-0.89 (0.10)	-0.18 (0.12)	1.00 (0.41)
CXOMP J033723.1-045602	-0.42 (0.14)	-0.59 (0.21)	0.29 (0.16)
CXOMP J033723.8-045832	-1.00 (0.31)	-0.58 (0.37)	99.00 (0.00)
CXOMP J033734.5-050237	-0.51 (0.22)	-0.67 (0.37)	0.41 (0.27)
CXOMP J033737.3-050427	-0.50 (0.12)	-0.76 (0.21)	0.41 (0.14)
CXOMP J033738.5-050236	-0.65 (0.10)	-0.88 (0.21)	0.61 (0.15)
CXOMP J033740.0-050415	-0.62 (0.14)	-0.59 (0.21)	0.53 (0.20)
CXOMP J033742.0-045704	-0.56 (0.09)	-0.78 (0.16)	0.48 (0.11)
CXOMP J033742.7-050253	-0.51 (0.16)	-0.67 (0.26)	0.41 (0.19)
CXOMP J033743.9-050525	-0.42 (0.19)	-99.00 (0.00)	0.38 (0.20)
CXOMP J033750.1-050817	-0.54 (0.27)	-0.76 (0.50)	0.46 (0.33)
CXOMP J033751.2-050050	-0.50 (0.21)	-1.11 (0.67)	0.44 (0.25)
CXOMP J033752.4-045549	-0.36 (0.08)	-0.70 (0.14)	0.25 (0.08)
CXOMP J033753.0-050613	-0.41 (0.21)	-99.00 (0.00)	0.40 (0.22)
CXOMP J033753.4-050319	-0.90 (0.23)	-0.88 (0.53)	1.23 (1.06)
CXOMP J033756.2-045509	-0.73 (0.18)	-0.50 (0.22)	0.69 (0.33)
CXOMP J033756.8-050047	-0.80 (0.22)	-0.64 (0.36)	0.86 (0.53)
CXOMP J033757.8-050000	0.31 (0.11)	-0.63 (0.25)	-0.37 (0.11)
CXOMP J033800.3-050953	-0.41 (0.13)	-0.49 (0.18)	0.26 (0.14)
CXOMP J033800.4-050811	-0.55 (0.13)	-0.52 (0.18)	0.43 (0.16)
CXOMP J033804.2-050312	-0.62 (0.07)	-0.48 (0.10)	0.51 (0.11)
CXOMP J033812.3-050252	-0.63 (0.14)	-0.56 (0.19)	0.54 (0.21)
CXOMP J033904.4-352512	-0.97 (0.27)	0.45 (0.08)	99.00 (0.00)
CXOMP J033906.9-352428	-0.53 (0.34)	-0.41 (1.01)	0.37 (0.14)
CXOMP J033907.0-352518	-0.40 (0.42)	0.25 (0.28)	-0.07 (0.61)
CXOMP J033909.6-352707	-0.77 (0.15)	-0.04 (0.13)	0.60 (0.05)
CXOMP J033911.0-352432	-0.80 (0.20)	-0.04 (0.16)	0.67 (0.06)
CXOMP J033912.0-352612	-0.86 (0.38)	0.20 (0.18)	0.72 (0.15)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J033914.8-352413	-0.56 (0.32)	-0.16 (0.42)	0.32 (0.16)
CXOMP J033915.9-352535	-0.82 (0.44)	-0.45 (1.14)	0.86 (0.11)
CXOMP J033917.6-352529	-0.55 (0.15)	0.13 (0.10)	0.16 (0.12)
CXOMP J033918.3-352807	-0.92 (0.28)	0.19 (0.12)	0.97 (0.09)
CXOMP J033922.4-352529	-0.67 (0.28)	0.37 (0.12)	0.19 (0.25)
CXOMP J033924.5-352319	-0.85 (0.25)	0.33 (0.09)	0.60 (0.12)
CXOMP J033925.5-352123	-1.00 (0.41)	0.30 (0.13)	99.00 (0.00)
CXOMP J033926.6-352409	-0.71 (0.21)	0.13 (0.13)	0.39 (0.11)
CXOMP J033927.5-352449	-0.85 (0.19)	0.28 (0.07)	0.64 (0.08)
CXOMP J033930.7-352610	-0.85 (0.31)	-0.22 (0.39)	0.89 (0.07)
CXOMP J033931.7-352745	-0.70 (0.19)	-0.18 (0.23)	0.54 (0.07)
CXOMP J033935.1-352132	-1.00 (0.21)	0.21 (0.08)	99.00 (0.00)
CXOMP J033935.1-352351	-0.81 (0.37)	0.13 (0.21)	0.61 (0.16)
CXOMP J033938.2-352351	-0.76 (0.12)	0.06 (0.08)	0.53 (0.04)
CXOMP J033939.7-352342	-0.50 (0.27)	-99.00 (0.00)	0.48 (0.09)
CXOMP J033940.2-353040	-0.63 (0.15)	-0.43 (0.38)	0.50 (0.05)
CXOMP J033942.8-352409	-0.87 (0.07)	0.14 (0.04)	0.77 (0.02)
CXOMP J033945.8-352918	-0.69 (0.20)	-0.16 (0.24)	0.51 (0.08)
CXOMP J033949.7-352348	-0.40 (0.23)	-0.71 (1.93)	0.29 (0.11)
CXOMP J033950.5-352537	-0.84 (0.16)	-0.11 (0.15)	0.80 (0.04)
CXOMP J034003.3-352505	-0.87 (0.22)	-0.04 (0.17)	0.87 (0.06)
CXOMP J034004.4-353009	-0.51 (0.23)	-0.65 (1.35)	0.40 (0.09)
CXOMP J034015.4-352848	-0.69 (0.07)	-0.20 (0.09)	0.53 (0.02)
CXOMP J034016.6-352937	-0.96 (0.33)	-0.61 (1.17)	1.59 (0.06)
CXOMP J034026.5-352733	-0.52 (0.21)	-0.83 (2.65)	0.44 (0.07)
CXOMP J045353.9-030250	-0.40 (0.25)	-0.50 (1.16)	0.25 (0.15)
CXOMP J045355.6-030408	-1.00 (0.52)	-0.71 (2.68)	99.00 (0.00)
CXOMP J045356.3-025837	-0.63 (0.04)	-0.23 (0.08)	0.45 (0.02)
CXOMP J045356.7-030225	0.42 (0.27)	-99.00 (0.00)	-0.40 (0.68)
CXOMP J045407.1-025400	-0.63 (0.10)	-0.24 (0.21)	0.44 (0.06)
CXOMP J045409.5-024855	-0.68 (0.24)	-0.33 (0.50)	0.55 (0.11)
CXOMP J045418.4-025202	-0.58 (0.17)	-0.45 (0.57)	0.45 (0.08)
CXOMP J045419.2-030519	-0.84 (0.31)	-0.07 (0.30)	0.81 (0.15)
CXOMP J045419.6-030419	-0.82 (0.02)	0.12 (0.02)	0.64 (0.01)
CXOMP J045421.9-025815	0.21 (0.15)	-0.50 (0.96)	-0.31 (0.32)
CXOMP J045422.1-025124	-0.66 (0.06)	-0.53 (0.27)	0.57 (0.02)
CXOMP J045422.6-030034	-0.80 (0.07)	0.10 (0.08)	0.60 (0.05)
CXOMP J045424.7-025849	-0.57 (0.10)	-0.17 (0.17)	0.34 (0.06)
CXOMP J045426.1-030012	-0.73 (0.11)	-0.06 (0.15)	0.53 (0.06)
CXOMP J051921.4-454233	-0.51 (0.23)	-0.10 (0.26)	0.24 (0.15)
CXOMP J051926.2-454554	-0.82 (0.02)	0.02 (0.02)	0.70 (0.01)
CXOMP J051929.4-454852	-0.40 (0.21)	-0.91 (3.63)	0.32 (0.10)
CXOMP J051930.1-454005	-0.89 (0.41)	-0.93 (5.48)	1.17 (0.09)
CXOMP J051945.9-454502	-0.75 (0.24)	-0.17 (0.28)	0.62 (0.08)
CXOMP J051958.8-454342	-0.79 (0.26)	-0.47 (0.72)	0.80 (0.06)
CXOMP J051959.0-454449	-0.97 (0.06)	0.18 (0.02)	1.50 (0.01)
CXOMP J054211.2-405749	-0.68 (0.20)	-0.69 (1.22)	0.63 (0.06)
CXOMP J054218.3-410021	-0.42 (0.28)	-99.00 (0.00)	0.37 (0.12)
CXOMP J054219.5-405506	-0.67 (0.17)	-0.57 (0.66)	0.60 (0.05)
CXOMP J054224.2-410141	-0.60 (0.26)	-0.63 (1.37)	0.52 (0.09)
CXOMP J054225.9-405846	-0.60 (0.10)	-0.43 (0.26)	0.47 (0.04)
CXOMP J054228.1-405556	-0.97 (0.22)	0.21 (0.09)	99.00 (0.00)
CXOMP J054230.5-410405	-0.48 (0.21)	-0.40 (0.56)	0.31 (0.10)
CXOMP J054232.8-405627	-0.27 (0.18)	-0.89 (3.02)	0.18 (0.11)
CXOMP J054234.1-405836	-0.45 (0.10)	-0.95 (1.66)	0.38 (0.04)
CXOMP J054237.6-405540	-0.40 (0.20)	-0.90 (3.29)	0.32 (0.09)
CXOMP J054239.0-410438	0.03 (0.20)	-99.00 (0.00)	0.00 (0.17)
CXOMP J054240.8-405626	0.69 (0.20)	-99.00 (0.00)	-0.78 (1.41)
CXOMP J054240.8-405514	-0.61 (0.01)	-0.44 (0.02)	0.47 (0.02)
CXOMP J054242.5-405834	-0.73 (0.09)	-0.39 (0.20)	0.67 (0.02)
CXOMP J054245.6-410607	-0.42 (0.19)	-0.43 (0.57)	0.26 (0.11)
CXOMP J054246.0-405803	0.37 (0.17)	-99.00 (0.00)	-0.34 (0.33)
CXOMP J054248.2-410140	-0.62 (0.14)	-0.44 (0.37)	0.49 (0.05)
CXOMP J054248.5-405310	-0.07 (0.08)	-1.20 (4.31)	0.04 (0.06)
CXOMP J054251.4-410205	-0.63 (0.12)	-0.65 (0.62)	0.56 (0.03)
CXOMP J054255.0-405956	-0.61 (0.10)	-0.50 (0.33)	0.50 (0.03)
CXOMP J054259.5-410241	-0.27 (0.16)	-0.58 (0.91)	0.14 (0.11)
CXOMP J054304.3-410313	-0.62 (0.15)	-0.59 (0.65)	0.53 (0.05)
CXOMP J054313.5-410352	-0.68 (0.21)	-0.31 (0.36)	0.55 (0.07)
CXOMP J054319.2-405750	-0.71 (0.06)	-0.26 (0.09)	0.58 (0.02)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J054320.2-410154	-0.12 (0.01)	-0.68 (0.04)	0.02 (0.01)
CXOMP J054320.6-405619	0.10 (0.18)	-99.00 (0.00)	-0.07 (0.18)
CXOMP J054330.4-405746	0.33 (0.20)	-99.00 (0.00)	-0.30 (0.34)
CXOMP J074052.3+310824	-0.41 (0.25)	-0.80 (3.17)	0.32 (0.13)
CXOMP J074056.1+311208	-0.62 (0.16)	-0.19 (0.28)	0.42 (0.09)
CXOMP J074103.7+311103	-0.87 (0.23)	-0.12 (0.35)	0.91 (0.10)
CXOMP J074108.8+311346	-1.00 (0.04)	0.20 (0.07)	99.00 (0.00)
CXOMP J074112.7+310849	-0.90 (0.13)	-0.21 (0.26)	1.09 (0.05)
CXOMP J074116.4+310929	-0.44 (0.21)	-99.00 (0.00)	0.42 (0.09)
CXOMP J074118.8+311434	-0.95 (0.07)	-0.07 (0.15)	1.36 (0.03)
CXOMP J074119.9+310830	-0.71 (0.24)	0.05 (0.22)	0.44 (0.16)
CXOMP J082726.2+291601	-1.00 (0.26)	0.19 (0.11)	99.00 (0.00)
CXOMP J082732.5+291821	-0.81 (0.09)	0.06 (0.06)	0.64 (0.03)
CXOMP J082737.7+291526	-0.83 (0.18)	0.07 (0.11)	0.69 (0.06)
CXOMP J083117.9+524111	-0.87 (0.22)	0.23 (0.25)	0.72 (0.80)
CXOMP J083205.2+524351	-0.78 (0.19)	-0.22 (0.23)	0.71 (0.43)
CXOMP J084030.4+130932	-0.55 (0.05)	-0.59 (0.08)	0.44 (0.07)
CXOMP J084030.9+131015	-0.72 (0.20)	-0.08 (0.20)	0.53 (0.38)
CXOMP J084036.7+131525	-0.56 (0.22)	-0.48 (0.29)	0.43 (0.29)
CXOMP J084039.0+130916	-0.99 (0.13)	0.10 (0.15)	99.00 (0.00)
CXOMP J084039.7+131344	-0.91 (0.18)	-0.54 (0.27)	1.20 (0.88)
CXOMP J084040.8+131726	-0.48 (0.11)	-0.70 (0.18)	0.38 (0.13)
CXOMP J084043.1+131823	-0.70 (0.16)	-0.55 (0.22)	0.65 (0.27)
CXOMP J084043.4+131305	-0.71 (0.17)	-0.22 (0.20)	0.57 (0.31)
CXOMP J084044.7+130713	-0.98 (0.15)	0.70 (0.24)	99.00 (0.00)
CXOMP J084044.8+130806	-0.75 (0.22)	0.21 (0.22)	0.42 (0.46)
CXOMP J084052.1+131822	-0.08 (0.13)	-1.37 (0.68)	0.05 (0.12)
CXOMP J084054.3+131456	-0.59 (0.04)	-0.59 (0.07)	0.49 (0.06)
CXOMP J084055.8+130800	-0.96 (0.32)	0.34 (0.30)	99.00 (0.00)
CXOMP J084102.5+131313	-0.70 (0.12)	-0.13 (0.15)	0.52 (0.22)
CXOMP J084812.3+445656	-0.50 (0.10)	-0.71 (0.68)	0.41 (0.04)
CXOMP J084812.3+445656	-0.54 (0.16)	-0.68 (0.97)	0.45 (0.06)
CXOMP J084818.4+444844	-0.59 (0.15)	-0.54 (0.54)	0.47 (0.06)
CXOMP J084818.4+444844	-0.60 (0.25)	-0.39 (0.55)	0.46 (0.11)
CXOMP J084821.0+445647	-0.93 (0.45)	-1.19 (15.91)	99.00 (0.00)
CXOMP J084821.0+445647	-0.60 (0.37)	-99.00 (0.00)	0.62 (0.11)
CXOMP J084822.2+445627	-0.56 (0.12)	-0.44 (0.32)	0.41 (0.05)
CXOMP J084822.2+445627	-0.63 (0.20)	-0.49 (0.62)	0.52 (0.07)
CXOMP J084825.2+444807	-0.97 (0.21)	-0.21 (0.21)	1.56 (0.05)
CXOMP J084825.2+444807	-0.75 (0.15)	-0.43 (0.34)	0.70 (0.05)
CXOMP J084827.2+445433	-0.70 (0.16)	-0.34 (0.30)	0.58 (0.05)
CXOMP J084827.2+445433	-0.57 (0.11)	0.06 (0.08)	0.23 (0.07)
CXOMP J084827.5+445604	0.08 (0.21)	-0.81 (3.74)	-0.14 (0.26)
CXOMP J084830.2+445605	-0.34 (0.26)	-0.62 (1.62)	0.22 (0.15)
CXOMP J084831.5+445343	-1.00 (0.38)	-0.19 (0.36)	99.00 (0.00)
CXOMP J084836.2+445250	-0.60 (0.12)	-0.59 (0.54)	0.50 (0.04)
CXOMP J084836.2+445250	-0.33 (0.19)	-0.34 (0.49)	0.14 (0.14)
CXOMP J084837.0+444818	-0.73 (0.10)	-0.33 (0.17)	0.64 (0.03)
CXOMP J084837.0+444818	-0.66 (0.07)	-0.37 (0.14)	0.54 (0.02)
CXOMP J084837.5+445710	-0.26 (0.18)	-1.17 (9.66)	0.20 (0.10)
CXOMP J084837.7+445744	-0.25 (0.22)	-0.87 (3.73)	0.17 (0.13)
CXOMP J084837.9+445352	-0.34 (0.25)	-99.00 (0.00)	0.30 (0.11)
CXOMP J084840.3+445800	-0.56 (0.06)	-0.52 (0.21)	0.43 (0.02)
CXOMP J084840.3+445800	-0.53 (0.05)	-0.56 (0.19)	0.41 (0.02)
CXOMP J084840.5+445731	-0.39 (0.12)	-0.96 (2.34)	0.31 (0.06)
CXOMP J084840.5+445731	-0.45 (0.18)	-1.20 (8.22)	0.39 (0.07)
CXOMP J084846.0+445944	0.62 (0.34)	-99.00 (0.00)	-0.54 (1.09)
CXOMP J084846.0+445944	0.43 (0.21)	-99.00 (0.00)	-0.38 (0.44)
CXOMP J084846.6+445358	-0.57 (0.27)	-1.22 (13.84)	0.54 (0.08)
CXOMP J084854.0+450230	-0.92 (0.20)	-0.54 (0.57)	1.27 (0.04)
CXOMP J084854.0+450230	-0.88 (0.13)	-0.30 (0.17)	1.02 (0.03)
CXOMP J084854.4+445149	-0.38 (0.13)	-0.57 (0.62)	0.24 (0.07)
CXOMP J084854.4+445149	-0.45 (0.09)	-0.61 (0.49)	0.33 (0.04)
CXOMP J084856.7+445225	-0.49 (0.26)	-0.22 (0.42)	0.26 (0.15)
CXOMP J084856.7+445225	-0.44 (0.15)	-0.25 (0.27)	0.22 (0.09)
CXOMP J084857.7+445607	-0.73 (0.25)	-1.15 (8.04)	0.78 (0.05)
CXOMP J084858.0+445434	-0.75 (0.05)	-0.35 (0.09)	0.69 (0.01)
CXOMP J084858.0+445434	-0.72 (0.04)	-0.28 (0.06)	0.60 (0.01)
CXOMP J084900.4+444702	-0.06 (0.05)	-1.49 (8.91)	0.03 (0.04)
CXOMP J084900.4+444702	-0.04 (0.07)	-1.76 (44.93)	0.03 (0.06)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J084902.2+450003	0.29 (0.09)	-1.50 (27.61)	-0.27 (0.16)
CXOMP J084902.2+450003	0.30 (0.15)	-1.06 (7.93)	-0.30 (0.27)
CXOMP J084902.4+445705	-0.16 (0.16)	-99.00 (0.00)	0.13 (0.11)
CXOMP J084902.4+445705	-0.38 (0.10)	-99.00 (0.00)	0.34 (0.04)
CXOMP J084902.5+450039	-0.63 (0.14)	-0.29 (0.24)	0.47 (0.05)
CXOMP J084902.5+450039	-0.68 (0.08)	-0.36 (0.17)	0.56 (0.03)
CXOMP J084904.5+445320	-0.39 (0.11)	-0.95 (1.93)	0.31 (0.05)
CXOMP J084904.5+445320	-0.35 (0.19)	-0.59 (1.03)	0.22 (0.11)
CXOMP J084905.0+445713	-0.66 (0.08)	-0.40 (0.18)	0.54 (0.02)
CXOMP J084905.0+445713	-0.68 (0.05)	-0.30 (0.09)	0.54 (0.02)
CXOMP J084905.2+445202	0.35 (0.19)	-99.00 (0.00)	-0.30 (0.33)
CXOMP J084907.2+445813	-0.48 (0.23)	-0.73 (1.94)	0.38 (0.10)
CXOMP J084908.3+445809	-0.61 (0.18)	-0.66 (1.05)	0.54 (0.06)
CXOMP J084908.6+445842	-0.36 (0.21)	-1.19 (11.55)	0.30 (0.10)
CXOMP J084909.1+450025	-0.41 (0.29)	-0.74 (2.71)	0.31 (0.14)
CXOMP J084909.1+450025	-0.37 (0.23)	-0.62 (1.36)	0.25 (0.13)
CXOMP J084911.3+445007	-0.41 (0.26)	-0.41 (0.81)	0.24 (0.15)
CXOMP J084911.3+445007	-0.34 (0.16)	-0.59 (0.90)	0.21 (0.10)
CXOMP J084913.6+445007	-0.77 (0.36)	0.40 (0.12)	0.34 (0.31)
CXOMP J084919.5+445706	-0.60 (0.19)	-0.39 (0.45)	0.45 (0.08)
CXOMP J084919.5+445706	-0.37 (0.25)	-0.45 (0.90)	0.21 (0.16)
CXOMP J084922.5+445355	-0.63 (0.13)	-0.51 (0.43)	0.53 (0.04)
CXOMP J084922.5+445355	-0.70 (0.08)	-0.54 (0.28)	0.64 (0.02)
CXOMP J084923.2+445249	-0.54 (0.22)	-1.13 (7.82)	0.49 (0.07)
CXOMP J084923.2+445249	-0.70 (0.14)	-0.54 (0.48)	0.65 (0.04)
CXOMP J084925.3+444820	-0.71 (0.12)	-0.53 (0.39)	0.65 (0.04)
CXOMP J084925.3+444820	-0.54 (0.18)	-0.55 (0.72)	0.42 (0.07)
CXOMP J084927.7+445456	0.19 (0.06)	-1.36 (6.65)	-0.18 (0.08)
CXOMP J084927.7+445456	0.24 (0.04)	-1.36 (4.17)	-0.23 (0.06)
CXOMP J084930.4+445225	-0.67 (0.23)	-0.56 (0.83)	0.60 (0.08)
CXOMP J084931.1+445954	-0.36 (0.18)	-1.36 (21.79)	0.31 (0.08)
CXOMP J084931.1+445954	-0.29 (0.20)	-0.57 (1.12)	0.15 (0.13)
CXOMP J084931.3+445548	-0.52 (0.21)	-0.37 (0.48)	0.35 (0.11)
CXOMP J084940.0+445818	-0.57 (0.27)	-0.58 (1.21)	0.46 (0.11)
CXOMP J084943.6+450024	-0.68 (0.05)	-0.40 (0.11)	0.58 (0.02)
CXOMP J084943.6+450024	-0.76 (0.09)	-0.50 (0.23)	0.74 (0.02)
CXOMP J090512.1+340705	-0.69 (0.14)	-0.35 (0.39)	0.57 (0.06)
CXOMP J090513.6+341014	-0.75 (0.17)	0.03 (0.18)	0.53 (0.11)
CXOMP J090516.6+340921	-0.71 (0.08)	-0.11 (0.12)	0.51 (0.04)
CXOMP J090533.1+340458	-0.83 (0.18)	-0.71 (1.79)	0.94 (0.06)
CXOMP J090536.8+340512	-0.74 (0.18)	0.06 (0.18)	0.50 (0.12)
CXOMP J090543.5+340921	-0.50 (0.20)	-0.35 (0.57)	0.31 (0.12)
CXOMP J090545.0+340736	-0.68 (0.11)	-0.04 (0.14)	0.45 (0.07)
CXOMP J090927.5+542125	-0.57 (0.11)	-0.31 (0.10)	0.39 (0.15)
CXOMP J090930.9+542344	-0.88 (0.11)	0.12 (0.09)	0.84 (0.45)
CXOMP J090941.7+542244	-0.42 (0.25)	-99.00 (0.00)	0.40 (0.26)
CXOMP J090941.8+542621	0.24 (0.31)	-99.00 (0.00)	-0.20 (0.26)
CXOMP J090945.2+542356	-1.00 (0.22)	-0.56 (0.18)	99.00 (0.00)
CXOMP J090951.3+542654	-0.67 (0.34)	-99.00 (0.00)	0.70 (0.53)
CXOMP J090955.9+542915	-0.88 (0.00)	-0.38 (0.01)	1.04 (0.01)
CXOMP J090956.6+541331	-0.59 (0.21)	-0.69 (0.29)	0.50 (0.28)
CXOMP J091004.7+542049	-0.66 (0.17)	-0.49 (0.20)	0.57 (0.26)
CXOMP J091009.6+541505	-0.06 (0.25)	-0.83 (0.64)	-0.01 (0.22)
CXOMP J091011.0+542721	-0.64 (0.01)	-0.39 (0.01)	0.51 (0.01)
CXOMP J091014.3+541255	-0.63 (0.04)	-0.55 (0.05)	0.53 (0.05)
CXOMP J091017.4+541756	-0.83 (0.06)	-0.31 (0.09)	0.85 (0.17)
CXOMP J091018.4+541315	-0.56 (0.20)	-0.61 (0.26)	0.45 (0.25)
CXOMP J091020.7+541848	-0.66 (0.11)	-0.75 (0.19)	0.62 (0.16)
CXOMP J091023.3+541358	-0.62 (0.08)	-0.28 (0.09)	0.44 (0.12)
CXOMP J091026.9+541241	-0.33 (0.05)	-0.93 (0.11)	0.25 (0.05)
CXOMP J091027.0+542054	-0.60 (0.06)	-0.35 (0.08)	0.44 (0.09)
CXOMP J091028.9+541523	-0.66 (0.05)	-0.50 (0.07)	0.56 (0.08)
CXOMP J091029.0+542717	-0.65 (0.01)	-0.41 (0.02)	0.53 (0.02)
CXOMP J091029.7+542748	-0.59 (0.10)	-0.65 (0.14)	0.50 (0.13)
CXOMP J091030.9+541914	-0.68 (0.09)	-0.53 (0.13)	0.61 (0.15)
CXOMP J091031.7+542024	-0.52 (0.25)	-0.52 (0.35)	0.39 (0.31)
CXOMP J091032.9+541246	-0.53 (0.20)	-0.51 (0.25)	0.39 (0.24)
CXOMP J091037.8+541543	-0.65 (0.11)	-0.37 (0.13)	0.52 (0.16)
CXOMP J091037.9+541608	-0.69 (0.15)	-0.34 (0.18)	0.58 (0.25)
CXOMP J091038.5+542025	-0.68 (0.14)	-0.73 (0.24)	0.65 (0.22)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J091039.0+541318	-0.43 (0.16)	-1.07 (0.52)	0.36 (0.17)
CXOMP J091039.8+542032	-0.57 (0.10)	-0.72 (0.17)	0.48 (0.13)
CXOMP J091040.0+542259	-0.44 (0.23)	-0.86 (0.50)	0.35 (0.25)
CXOMP J091041.4+541945	-0.66 (0.06)	-0.68 (0.10)	0.60 (0.09)
CXOMP J091041.9+542340	-0.55 (0.09)	-0.78 (0.15)	0.47 (0.11)
CXOMP J091041.9+542127	-0.56 (0.23)	-0.61 (0.35)	0.46 (0.30)
CXOMP J091044.7+542408	-0.49 (0.17)	-0.81 (0.31)	0.40 (0.19)
CXOMP J091045.7+542019	-0.78 (0.13)	-0.34 (0.17)	0.73 (0.29)
CXOMP J091047.5+541446	-0.68 (0.27)	-1.04 (0.71)	0.67 (0.42)
CXOMP J091047.6+541505	-0.99 (0.20)	-0.45 (0.24)	99.00 (0.00)
CXOMP J091052.5+541812	0.25 (0.22)	-99.00 (0.00)	-0.24 (0.20)
CXOMP J091052.9+541700	-0.25 (0.23)	-1.17 (0.91)	0.19 (0.22)
CXOMP J091054.6+541322	-0.31 (0.14)	-1.38 (0.79)	0.27 (0.13)
CXOMP J091057.0+542341	-0.59 (0.14)	-0.26 (0.16)	0.40 (0.19)
CXOMP J091059.4+541715	-0.47 (0.08)	-0.68 (0.12)	0.36 (0.09)
CXOMP J091100.3+542540	-0.61 (0.07)	-0.67 (0.11)	0.54 (0.10)
CXOMP J091105.8+542333	-0.45 (0.13)	-1.14 (0.39)	0.40 (0.14)
CXOMP J091106.9+542510	-0.58 (0.06)	-0.54 (0.09)	0.46 (0.09)
CXOMP J091108.5+541752	-0.64 (0.12)	-0.62 (0.17)	0.57 (0.17)
CXOMP J091109.1+054821	-0.61 (0.22)	0.10 (0.15)	0.26 (0.14)
CXOMP J091110.3+541920	-0.26 (0.13)	-1.16 (0.42)	0.20 (0.12)
CXOMP J091111.4+054643	-0.73 (0.39)	0.08 (0.24)	0.46 (0.22)
CXOMP J091112.8+542306	-0.15 (0.12)	-1.48 (0.79)	0.12 (0.11)
CXOMP J091114.0+054649	-0.87 (0.37)	-0.24 (0.46)	0.97 (0.11)
CXOMP J091119.7+055326	-0.79 (0.28)	0.05 (0.19)	0.60 (0.11)
CXOMP J091122.4+055225	-0.85 (0.21)	0.12 (0.11)	0.72 (0.07)
CXOMP J091122.4+054830	-0.78 (0.12)	0.10 (0.07)	0.56 (0.04)
CXOMP J091122.4+054830	-0.62 (0.17)	-0.05 (0.21)	0.36 (0.11)
CXOMP J091122.6+054953	-0.58 (0.25)	-0.13 (0.30)	0.34 (0.13)
CXOMP J091127.7+054925	-0.77 (0.14)	-0.14 (0.15)	0.65 (0.04)
CXOMP J091128.0+054546	-0.86 (0.36)	-0.06 (0.28)	0.84 (0.13)
CXOMP J091129.8+054755	-0.86 (0.11)	-0.12 (0.11)	0.87 (0.03)
CXOMP J091129.8+054755	-0.70 (0.18)	-0.06 (0.24)	0.48 (0.11)
CXOMP J091140.7+055258	-0.53 (0.10)	-0.27 (0.23)	0.33 (0.06)
CXOMP J093102.1+791324	-0.62 (0.07)	-0.35 (0.08)	0.46 (0.10)
CXOMP J093131.7+790538	-0.75 (0.19)	0.10 (0.12)	0.50 (0.08)
CXOMP J093158.9+791122	-0.28 (0.10)	-99.00 (0.00)	0.25 (0.05)
CXOMP J093200.3+790415	-0.70 (0.10)	0.01 (0.07)	0.45 (0.04)
CXOMP J093213.2+791026	-0.99 (0.22)	-0.09 (0.18)	99.00 (0.00)
CXOMP J093219.5+791258	-0.71 (0.18)	-0.82 (1.65)	0.71 (0.04)
CXOMP J093230.0+790231	-0.96 (0.22)	-0.07 (0.17)	1.39 (0.04)
CXOMP J093242.2+790704	-0.88 (0.17)	-0.16 (0.17)	0.98 (0.04)
CXOMP J093245.2+790819	-0.73 (0.13)	-0.13 (0.14)	0.57 (0.04)
CXOMP J093301.0+551355	-0.63 (0.24)	-0.39 (0.54)	0.50 (0.09)
CXOMP J093323.1+790111	-0.85 (0.21)	0.14 (0.11)	0.71 (0.08)
CXOMP J093325.7+551041	-0.62 (0.17)	-0.06 (0.17)	0.36 (0.09)
CXOMP J093326.8+790804	-0.76 (0.19)	0.06 (0.12)	0.53 (0.07)
CXOMP J093336.4+551455	-0.52 (0.08)	-0.45 (0.22)	0.36 (0.03)
CXOMP J093340.9+790756	-0.87 (0.22)	0.28 (0.09)	0.68 (0.09)
CXOMP J093345.8+790813	-0.73 (0.12)	-0.12 (0.13)	0.56 (0.04)
CXOMP J093359.3+551550	-0.81 (0.06)	0.03 (0.04)	0.65 (0.02)
CXOMP J093405.0+790223	-0.71 (0.35)	-1.07 (9.58)	0.74 (0.09)
CXOMP J093411.0+551143	-1.00 (0.40)	0.55 (0.09)	99.00 (0.00)
CXOMP J093436.6+551141	-1.00 (0.42)	0.08 (0.19)	99.00 (0.00)
CXOMP J100948.9-124313	-0.45 (0.21)	-0.66 (1.58)	0.33 (0.11)
CXOMP J100954.4-124737	-0.65 (0.04)	-0.41 (0.15)	0.53 (0.02)
CXOMP J100957.2-123643	-0.60 (0.08)	-0.57 (0.44)	0.50 (0.04)
CXOMP J101000.9-123550	-0.45 (0.17)	-1.07 (5.73)	0.38 (0.08)
CXOMP J101001.9-123603	-0.50 (0.19)	-0.67 (1.42)	0.39 (0.09)
CXOMP J101003.3-124200	-0.38 (0.17)	-0.51 (0.79)	0.23 (0.11)
CXOMP J101003.5-123256	-0.62 (0.04)	-0.61 (0.25)	0.53 (0.02)
CXOMP J101005.8-124858	-1.00 (0.01)	0.34 (0.01)	99.00 (0.00)
CXOMP J101010.2-123833	0.61 (0.17)	-99.00 (0.00)	-0.61 (0.92)
CXOMP J101011.8-124423	0.07 (0.15)	-0.99 (4.58)	-0.10 (0.17)
CXOMP J101011.8-124011	-0.49 (0.09)	-1.08 (2.71)	0.43 (0.04)
CXOMP J101017.4-123437	-0.68 (0.28)	-0.21 (0.45)	0.52 (0.14)
CXOMP J101020.2-124108	-0.42 (0.10)	-1.14 (4.12)	0.36 (0.05)
CXOMP J101025.5-124851	-0.53 (0.06)	-0.63 (0.41)	0.42 (0.03)
CXOMP J101029.0-124013	0.78 (0.28)	-99.00 (0.00)	-0.95 (5.58)
CXOMP J101030.8-123622	-0.61 (0.08)	-0.57 (0.42)	0.52 (0.03)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J101035.2-124022	-0.48 (0.14)	-0.43 (0.49)	0.32 (0.08)
CXOMP J101039.2-124546	-0.56 (0.20)	-0.75 (1.92)	0.48 (0.09)
CXOMP J101045.4-124103	-0.70 (0.18)	-0.61 (0.98)	0.67 (0.07)
CXOMP J105638.1-034148	-0.59 (0.08)	-0.46 (0.23)	0.45 (0.03)
CXOMP J105641.2-033853	-0.69 (0.19)	-0.45 (0.50)	0.60 (0.06)
CXOMP J105643.1-034042	-0.69 (0.04)	-0.38 (0.09)	0.59 (0.01)
CXOMP J105646.2-034023	-0.54 (0.08)	-0.79 (0.67)	0.46 (0.03)
CXOMP J105646.4-033905	-0.73 (0.09)	-0.08 (0.08)	0.55 (0.03)
CXOMP J105646.5-034707	-0.66 (0.17)	-0.51 (0.51)	0.57 (0.06)
CXOMP J105646.8-033509	-0.94 (0.14)	0.23 (0.05)	1.05 (0.04)
CXOMP J105647.9-034138	-0.44 (0.15)	-0.60 (0.80)	0.32 (0.07)
CXOMP J105648.5-033323	0.70 (0.47)	-99.00 (0.00)	-0.46 (0.97)
CXOMP J105648.8-033725	-0.77 (0.21)	-0.04 (0.17)	0.60 (0.07)
CXOMP J105649.9-033342	-0.58 (0.14)	-0.26 (0.24)	0.39 (0.07)
CXOMP J105650.6-033508	-0.83 (0.11)	0.08 (0.06)	0.69 (0.03)
CXOMP J105650.8-033503	-0.67 (0.24)	-0.31 (0.43)	0.53 (0.09)
CXOMP J105652.6-033819	-0.70 (0.24)	0.06 (0.17)	0.43 (0.12)
CXOMP J105652.9-033334	-1.00 (0.57)	-0.52 (1.42)	99.00 (0.00)
CXOMP J105655.1-034322	-0.68 (0.12)	-0.32 (0.23)	0.55 (0.04)
CXOMP J105655.5-034030	-0.79 (0.08)	-0.06 (0.07)	0.65 (0.02)
CXOMP J105655.6-034509	-0.67 (0.13)	-0.35 (0.25)	0.54 (0.04)
CXOMP J105658.7-033851	-0.53 (0.06)	-0.66 (0.32)	0.43 (0.02)
CXOMP J105659.4-034716	-0.46 (0.09)	-0.81 (0.93)	0.37 (0.04)
CXOMP J105700.0-033445	-0.65 (0.16)	-0.22 (0.23)	0.47 (0.07)
CXOMP J105702.7-033944	-0.24 (0.22)	-0.68 (1.83)	0.13 (0.15)
CXOMP J105705.1-033541	-0.76 (0.12)	-0.22 (0.15)	0.67 (0.03)
CXOMP J105705.5-033550	-0.70 (0.15)	0.04 (0.11)	0.43 (0.07)
CXOMP J105705.5-033433	-0.62 (0.26)	-0.86 (3.25)	0.58 (0.08)
CXOMP J105708.1-033941	-0.66 (0.19)	0.24 (0.09)	0.25 (0.13)
CXOMP J105708.5-033611	-0.69 (0.12)	0.01 (0.09)	0.42 (0.05)
CXOMP J105708.9-034241	-0.76 (0.13)	-0.32 (0.22)	0.69 (0.03)
CXOMP J105710.5-034015	-0.69 (0.07)	-0.15 (0.08)	0.51 (0.03)
CXOMP J105710.7-033500	-0.83 (0.10)	0.26 (0.04)	0.57 (0.05)
CXOMP J105713.1-033529	-0.70 (0.30)	-0.11 (0.29)	0.50 (0.13)
CXOMP J105714.2-033348	-0.63 (0.10)	-0.31 (0.18)	0.47 (0.04)
CXOMP J105715.8-033504	-0.70 (0.28)	-0.27 (0.42)	0.57 (0.11)
CXOMP J111222.0-261604	-0.25 (0.11)	-0.87 (0.26)	0.17 (0.10)
CXOMP J111224.8-261642	-0.85 (0.25)	-0.60 (0.32)	0.99 (0.77)
CXOMP J111226.4-261547	-0.53 (0.10)	-0.41 (0.12)	0.37 (0.12)
CXOMP J111229.2-262020	-0.87 (0.18)	-1.19 (0.62)	1.12 (0.61)
CXOMP J111232.3-261552	-0.48 (0.23)	-0.13 (0.24)	0.21 (0.28)
CXOMP J111236.6-262039	-0.91 (0.30)	0.01 (0.23)	1.02 (1.53)
CXOMP J111236.8-261326	-0.49 (0.14)	-0.92 (0.31)	0.42 (0.16)
CXOMP J111239.2-260916	-0.54 (0.07)	-0.40 (0.09)	0.38 (0.09)
CXOMP J111239.9-262302	-0.40 (0.21)	-0.26 (0.23)	0.18 (0.23)
CXOMP J111241.4-261924	-0.66 (0.06)	-0.44 (0.08)	0.55 (0.09)
CXOMP J111243.3-261105	-0.34 (0.25)	0.03 (0.27)	-0.01 (0.29)
CXOMP J111245.1-261930	-0.55 (0.03)	-0.73 (0.05)	0.46 (0.04)
CXOMP J111245.7-261410	-0.55 (0.19)	-0.91 (0.43)	0.49 (0.24)
CXOMP J111248.0-261729	-0.51 (0.07)	-0.46 (0.09)	0.35 (0.09)
CXOMP J111250.1-261239	-0.82 (0.19)	-0.23 (0.23)	0.81 (0.53)
CXOMP J111251.3-260603	-0.31 (0.13)	-0.80 (0.28)	0.22 (0.12)
CXOMP J111251.3-260936	-0.23 (0.17)	-0.93 (0.44)	0.15 (0.15)
CXOMP J111251.6-261901	-0.68 (0.02)	-0.46 (0.03)	0.59 (0.04)
CXOMP J111252.1-260936	-0.71 (0.23)	-0.48 (0.27)	0.65 (0.40)
CXOMP J111252.2-261400	-0.96 (0.05)	-0.17 (0.09)	1.42 (0.52)
CXOMP J111252.9-262339	-0.63 (0.11)	-0.63 (0.16)	0.55 (0.16)
CXOMP J111254.4-260917	-0.73 (0.03)	-0.31 (0.04)	0.63 (0.05)
CXOMP J111254.5-262106	-0.64 (0.04)	-0.49 (0.06)	0.53 (0.06)
CXOMP J111254.6-261428	-0.62 (0.08)	-0.39 (0.11)	0.48 (0.12)
CXOMP J111254.7-261548	-0.84 (0.21)	-0.28 (0.26)	0.88 (0.65)
CXOMP J111255.7-260749	-0.08 (0.21)	-99.00 (0.00)	0.07 (0.18)
CXOMP J111256.3-262325	-0.54 (0.20)	-99.00 (0.00)	0.53 (0.25)
CXOMP J111258.6-261936	-0.50 (0.13)	-0.50 (0.19)	0.36 (0.16)
CXOMP J111259.2-261544	-0.40 (0.09)	-1.17 (0.27)	0.34 (0.09)
CXOMP J111259.6-260508	-0.72 (0.15)	-0.54 (0.17)	0.67 (0.26)
CXOMP J111300.0-261559	-0.52 (0.20)	-0.81 (0.40)	0.44 (0.24)
CXOMP J111300.8-262237	-0.52 (0.12)	-0.74 (0.20)	0.42 (0.14)
CXOMP J111301.4-261342	-0.68 (0.10)	-0.52 (0.14)	0.61 (0.16)
CXOMP J111304.4-261846	-0.66 (0.17)	-0.38 (0.21)	0.54 (0.27)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J111306.3-262051	-0.54 (0.13)	-0.62 (0.19)	0.43 (0.17)
CXOMP J111306.8-261528	-0.89 (0.20)	-0.31 (0.26)	1.07 (0.84)
CXOMP J111308.2-261925	-0.54 (0.07)	-0.58 (0.11)	0.42 (0.09)
CXOMP J111308.3-260826	-1.00 (0.21)	-0.28 (0.17)	99.00 (0.00)
CXOMP J111309.9-261442	-0.74 (0.15)	-0.67 (0.25)	0.74 (0.29)
CXOMP J111310.9-261141	-0.26 (0.16)	-1.36 (0.92)	0.21 (0.15)
CXOMP J111317.0-261739	-0.49 (0.29)	-0.22 (0.31)	0.26 (0.34)
CXOMP J111320.5-262028	-0.34 (0.18)	-0.52 (0.26)	0.19 (0.18)
CXOMP J111325.2-261533	-0.45 (0.14)	-0.46 (0.18)	0.29 (0.15)
CXOMP J111328.4-261414	-0.42 (0.23)	-0.86 (0.54)	0.33 (0.25)
CXOMP J111333.2-261500	-0.60 (0.07)	-0.70 (0.11)	0.52 (0.10)
CXOMP J111759.2+074405	-0.65 (0.10)	-0.31 (0.18)	0.51 (0.03)
CXOMP J111759.2+074405	-0.68 (0.16)	-0.20 (0.20)	0.50 (0.06)
CXOMP J111802.3+402733	-0.65 (0.10)	-0.64 (0.16)	0.58 (0.15)
CXOMP J111804.2+074719	-0.77 (0.10)	0.09 (0.06)	0.55 (0.04)
CXOMP J111804.2+074739	-0.69 (0.20)	-0.46 (0.56)	0.61 (0.06)
CXOMP J111804.3+074719	-0.58 (0.16)	0.14 (0.10)	0.20 (0.11)
CXOMP J111804.8+074816	-0.64 (0.19)	-0.13 (0.21)	0.41 (0.08)
CXOMP J111807.8+074639	-0.90 (0.29)	-0.09 (0.25)	1.02 (0.07)
CXOMP J111810.6+402242	-0.69 (0.17)	-0.68 (0.28)	0.65 (0.28)
CXOMP J111812.0+074030	-0.50 (0.15)	-0.46 (0.46)	0.35 (0.07)
CXOMP J111812.1+074031	-0.92 (0.34)	0.04 (0.20)	1.08 (0.11)
CXOMP J111812.5+402415	-0.51 (0.18)	-0.72 (0.32)	0.41 (0.21)
CXOMP J111813.8+402838	-0.51 (0.08)	-0.43 (0.11)	0.36 (0.10)
CXOMP J111814.9+074800	-0.65 (0.23)	-0.54 (0.84)	0.56 (0.07)
CXOMP J111816.2+074315	-0.70 (0.15)	-0.06 (0.14)	0.48 (0.06)
CXOMP J111819.7+402325	-0.52 (0.13)	-0.36 (0.17)	0.34 (0.16)
CXOMP J111820.9+073815	-0.86 (0.13)	-0.37 (0.23)	0.97 (0.03)
CXOMP J111822.2+074448	-0.82 (0.07)	-0.06 (0.06)	0.74 (0.02)
CXOMP J111822.2+074448	-0.83 (0.10)	0.01 (0.07)	0.71 (0.03)
CXOMP J111825.4+074315	-0.69 (0.26)	-0.12 (0.28)	0.50 (0.10)
CXOMP J111825.8+074334	-0.53 (0.22)	-0.20 (0.34)	0.30 (0.12)
CXOMP J111828.1+074340	-0.70 (0.20)	-0.39 (0.44)	0.60 (0.06)
CXOMP J111828.1+074340	-0.62 (0.28)	-0.16 (0.35)	0.40 (0.13)
CXOMP J111828.3+074259	-0.68 (0.22)	-0.17 (0.27)	0.50 (0.09)
CXOMP J111832.9+074901	-0.82 (0.07)	-0.03 (0.05)	0.71 (0.02)
CXOMP J111832.9+074901	-0.65 (0.14)	-0.34 (0.28)	0.52 (0.05)
CXOMP J111840.6+075325	-0.62 (0.17)	-0.61 (0.81)	0.53 (0.06)
CXOMP J111848.7+402647	-0.71 (0.07)	-0.22 (0.09)	0.57 (0.12)
CXOMP J111849.8+402228	-0.59 (0.08)	-0.30 (0.10)	0.41 (0.11)
CXOMP J111850.5+402553	-0.77 (0.15)	-0.56 (0.24)	0.78 (0.32)
CXOMP J111853.2+402851	-0.35 (0.14)	-0.94 (0.32)	0.27 (0.14)
CXOMP J111905.2+402741	-0.32 (0.21)	-0.71 (0.38)	0.21 (0.21)
CXOMP J113924.2+654930	-0.75 (0.22)	-0.14 (0.24)	0.61 (0.46)
CXOMP J113932.7+660910	-0.44 (0.27)	-0.12 (0.32)	0.16 (0.21)
CXOMP J113937.0+654730	-0.86 (0.07)	0.18 (0.10)	0.71 (0.24)
CXOMP J113941.2+661319	-0.56 (0.14)	-0.41 (0.35)	0.40 (0.07)
CXOMP J113944.2+654210	-0.78 (0.13)	-0.06 (0.14)	0.62 (0.29)
CXOMP J113944.3+660818	-0.52 (0.13)	-0.46 (0.39)	0.36 (0.06)
CXOMP J113948.0+661105	-0.26 (0.08)	-0.83 (1.09)	0.17 (0.05)
CXOMP J113948.5+660656	0.58 (0.32)	-0.28 (1.59)	-0.75 (2.59)
CXOMP J113950.1+660025	-0.64 (0.09)	-0.28 (0.14)	0.47 (0.04)
CXOMP J113950.2+660704	-0.38 (0.24)	-0.91 (4.19)	0.30 (0.12)
CXOMP J113952.7+660721	0.20 (0.13)	-1.01 (5.14)	-0.22 (0.19)
CXOMP J113954.1+654516	-0.63 (0.23)	-0.70 (0.39)	0.56 (0.33)
CXOMP J113957.1+654749	-0.54 (0.01)	-0.14 (0.01)	0.28 (0.02)
CXOMP J113959.5+654743	-0.78 (0.11)	0.12 (0.14)	0.54 (0.25)
CXOMP J114001.9+660642	-0.64 (0.11)	-0.50 (0.34)	0.54 (0.03)
CXOMP J114003.2+660317	-0.38 (0.22)	-0.86 (3.22)	0.29 (0.11)
CXOMP J114003.8+660630	-0.47 (0.24)	-1.00 (5.49)	0.40 (0.10)
CXOMP J114007.3+660659	-0.86 (0.06)	-0.31 (0.10)	0.95 (0.01)
CXOMP J114008.4+654616	-0.76 (0.08)	-0.34 (0.11)	0.71 (0.17)
CXOMP J114011.9+655747	-0.32 (0.27)	-0.14 (0.35)	0.05 (0.25)
CXOMP J114014.4+661035	-0.47 (0.23)	-0.51 (0.91)	0.32 (0.11)
CXOMP J114015.6+660142	-0.87 (0.25)	-0.65 (1.11)	1.06 (0.06)
CXOMP J114020.4+660730	-0.43 (0.17)	-99.00 (0.00)	0.39 (0.07)
CXOMP J114021.9+660428	-0.69 (0.09)	-0.22 (0.12)	0.53 (0.03)
CXOMP J114022.0+660028	-0.72 (0.09)	-0.35 (0.17)	0.63 (0.03)
CXOMP J114024.6+660215	-0.62 (0.08)	-0.48 (0.25)	0.50 (0.03)
CXOMP J114026.6+660131	-0.47 (0.14)	-0.71 (1.08)	0.36 (0.06)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J114027.1+660142	0.28 (0.21)	-0.44 (1.20)	-0.38 (0.51)
CXOMP J114028.0+660320	-0.62 (0.13)	-0.34 (0.25)	0.46 (0.05)
CXOMP J114029.1+661131	-0.44 (0.32)	-0.41 (0.90)	0.27 (0.18)
CXOMP J114029.6+660140	0.84 (0.39)	-99.00 (0.00)	-0.67 (1.75)
CXOMP J114029.9-263217	-0.51 (0.19)	-0.19 (0.28)	0.28 (0.11)
CXOMP J114031.1+660858	-0.65 (0.04)	-0.42 (0.09)	0.53 (0.01)
CXOMP J114036.2+661317	-0.72 (0.12)	-0.49 (0.33)	0.67 (0.03)
CXOMP J114036.4-262411	-0.74 (0.27)	-0.51 (0.86)	0.70 (0.08)
CXOMP J114038.0+660216	0.13 (0.07)	-1.54 (17.11)	-0.12 (0.08)
CXOMP J114039.7-262844	-0.86 (0.32)	-0.07 (0.27)	0.86 (0.10)
CXOMP J114044.3+660311	-0.68 (0.07)	-0.41 (0.16)	0.58 (0.02)
CXOMP J114044.6-263242	-0.63 (0.20)	-0.91 (2.61)	0.59 (0.05)
CXOMP J114045.9-262916	-0.81 (0.17)	0.02 (0.12)	0.67 (0.06)
CXOMP J114046.4+660913	-0.67 (0.14)	-0.42 (0.34)	0.57 (0.04)
CXOMP J114049.5-262541	-0.99 (0.37)	0.08 (0.19)	99.00 (0.00)
CXOMP J114051.6+660135	-0.38 (0.29)	-0.07 (0.32)	0.07 (0.26)
CXOMP J114052.4+660054	-0.19 (0.17)	-1.07 (7.10)	0.13 (0.12)
CXOMP J114052.8-262911	-0.76 (0.23)	-0.40 (0.50)	0.71 (0.06)
CXOMP J114054.2-262943	-0.90 (0.37)	-0.17 (0.39)	1.04 (0.09)
CXOMP J114054.6-262928	-0.95 (0.24)	0.00 (0.16)	1.30 (0.05)
CXOMP J114054.6+654739	-0.66 (0.08)	-0.27 (0.10)	0.50 (0.13)
CXOMP J114055.6+660722	-0.41 (0.09)	-1.18 (3.48)	0.34 (0.04)
CXOMP J114059.4-263156	-0.80 (0.14)	0.01 (0.11)	0.65 (0.04)
CXOMP J114100.0-263419	-0.30 (0.13)	-1.01 (3.07)	0.22 (0.07)
CXOMP J114101.7+661246	-0.79 (0.42)	0.29 (0.16)	0.46 (0.31)
CXOMP J114103.9-263048	0.05 (0.10)	-1.40 (14.72)	-0.06 (0.11)
CXOMP J114105.0+660355	-0.43 (0.24)	-0.18 (0.37)	0.18 (0.17)
CXOMP J114109.5+655141	-0.65 (0.18)	-0.49 (0.22)	0.55 (0.28)
CXOMP J114110.9+660936	-0.66 (0.33)	-0.47 (0.97)	0.57 (0.11)
CXOMP J114112.5+654851	-0.66 (0.06)	-0.40 (0.08)	0.54 (0.10)
CXOMP J114113.8+660504	-0.47 (0.05)	-1.50 (5.35)	0.43 (0.02)
CXOMP J114114.0+661352	-0.77 (0.21)	-0.52 (0.63)	0.77 (0.06)
CXOMP J114115.3+660200	0.24 (0.19)	-99.00 (0.00)	-0.19 (0.24)
CXOMP J114118.0+661457	-0.72 (0.28)	-0.22 (0.33)	0.58 (0.12)
CXOMP J114118.5+660210	-0.29 (0.13)	-1.26 (8.49)	0.24 (0.07)
CXOMP J114121.8+660343	-0.52 (0.13)	-0.85 (1.48)	0.44 (0.05)
CXOMP J114124.3+660921	-0.80 (0.06)	-0.19 (0.06)	0.73 (0.01)
CXOMP J114129.7+660250	-1.00 (0.46)	0.34 (0.11)	99.00 (0.00)
CXOMP J114131.4+660521	-0.85 (0.36)	-0.79 (2.78)	1.02 (0.08)
CXOMP J114131.9+661214	-0.43 (0.08)	-0.70 (0.54)	0.32 (0.04)
CXOMP J114132.6+661117	-0.65 (0.15)	-1.26 (7.68)	0.64 (0.04)
CXOMP J114132.6+660848	-0.55 (0.09)	-0.53 (0.32)	0.43 (0.03)
CXOMP J114135.0+660908	-0.66 (0.10)	-0.32 (0.19)	0.52 (0.04)
CXOMP J114136.5+661246	-0.37 (0.14)	-99.00 (0.00)	0.33 (0.06)
CXOMP J114141.1+660350	-0.85 (0.28)	-0.57 (0.93)	1.00 (0.07)
CXOMP J114144.5+660018	-0.68 (0.34)	-0.32 (0.53)	0.54 (0.15)
CXOMP J114147.8+660603	0.73 (0.12)	-0.09 (0.40)	-1.06 (2.57)
CXOMP J114221.5+660116	-0.69 (0.37)	-0.51 (1.07)	0.61 (0.15)
CXOMP J122837.1+015720	-0.86 (0.02)	-0.21 (0.04)	0.93 (0.08)
CXOMP J122859.5+021050	-0.86 (0.12)	0.22 (0.14)	0.69 (0.41)
CXOMP J122907.2+020401	-0.03 (0.19)	-99.00 (0.00)	0.03 (0.16)
CXOMP J122908.5+020553	-0.70 (0.24)	-0.33 (0.29)	0.58 (0.41)
CXOMP J122915.4+020529	-0.56 (0.11)	-0.71 (0.19)	0.47 (0.14)
CXOMP J131157.9+424229	-0.89 (0.28)	-0.36 (0.47)	1.08 (0.07)
CXOMP J131159.0+423833	-0.90 (0.31)	-0.41 (0.59)	1.12 (0.08)
CXOMP J131159.2+423928	-0.50 (0.08)	-0.65 (0.47)	0.39 (0.03)
CXOMP J131201.1+424208	-0.79 (0.38)	-0.24 (0.50)	0.72 (0.13)
CXOMP J131206.5+424141	-0.07 (0.15)	-0.94 (3.63)	0.01 (0.13)
CXOMP J131209.9+424129	-0.32 (0.11)	-1.13 (4.01)	0.26 (0.05)
CXOMP J131211.6+424413	-0.93 (0.16)	0.46 (0.04)	0.82 (0.07)
CXOMP J131215.2+423900	-0.79 (0.07)	-0.03 (0.05)	0.65 (0.02)
CXOMP J131219.9+424221	-0.75 (0.16)	-0.27 (0.24)	0.66 (0.05)
CXOMP J131220.4+423523	-0.55 (0.22)	-0.74 (1.91)	0.46 (0.08)
CXOMP J131221.5+424405	-0.90 (0.28)	0.31 (0.10)	0.79 (0.12)
CXOMP J131221.6+423547	-0.83 (0.17)	-0.27 (0.22)	0.85 (0.05)
CXOMP J131222.3+423813	-0.84 (0.09)	0.15 (0.04)	0.67 (0.03)
CXOMP J131222.4+424451	-0.38 (0.18)	-0.90 (2.90)	0.29 (0.08)
CXOMP J131226.0+423735	-0.80 (0.19)	-0.11 (0.18)	0.69 (0.06)
CXOMP J131229.1+423731	-0.97 (0.28)	-0.27 (0.35)	99.00 (0.00)
CXOMP J131235.7+424150	-0.44 (0.09)	-1.12 (2.78)	0.38 (0.04)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J131236.6+424002	-0.75 (0.05)	-0.07 (0.05)	0.59 (0.02)
CXOMP J131239.3+424248	-0.63 (0.17)	-0.43 (0.44)	0.51 (0.06)
CXOMP J131239.7+424549	-0.40 (0.20)	-0.40 (0.56)	0.23 (0.12)
CXOMP J131240.2+423934	-0.47 (0.24)	-0.61 (1.35)	0.34 (0.11)
CXOMP J131258.0+424823	-0.70 (0.05)	-0.27 (0.07)	0.57 (0.01)
CXOMP J131623.2+291406	-0.77 (0.28)	-0.31 (0.20)	0.71 (0.60)
CXOMP J131625.9+291149	-0.83 (0.38)	-0.82 (0.51)	0.98 (1.07)
CXOMP J131636.4+291341	-0.36 (0.23)	-1.45 (1.51)	0.32 (0.22)
CXOMP J131647.9+291753	-0.25 (0.28)	-0.21 (0.28)	0.01 (0.28)
CXOMP J131651.3+291239	-0.41 (0.05)	-0.77 (0.09)	0.32 (0.06)
CXOMP J131652.6+290601	-0.38 (0.20)	-0.20 (0.22)	0.14 (0.22)
CXOMP J131654.1+291321	-0.70 (0.05)	-0.39 (0.07)	0.61 (0.09)
CXOMP J131654.5+291004	-0.33 (0.07)	-1.13 (0.19)	0.27 (0.07)
CXOMP J131657.1+291449	-0.34 (0.08)	-1.15 (0.25)	0.28 (0.08)
CXOMP J131657.1+291304	-0.56 (0.14)	-0.41 (0.17)	0.41 (0.18)
CXOMP J131657.4+291813	-0.60 (0.24)	-0.39 (0.22)	0.45 (0.33)
CXOMP J131657.9+290554	-0.36 (0.09)	-1.23 (0.31)	0.31 (0.09)
CXOMP J131659.3+290330	-0.10 (0.09)	-1.35 (0.50)	0.07 (0.08)
CXOMP J131700.1+291307	-0.44 (0.19)	-0.67 (0.31)	0.32 (0.21)
CXOMP J131701.2+290656	-0.60 (0.10)	-0.48 (0.13)	0.47 (0.13)
CXOMP J131701.2+291322	-0.42 (0.11)	-0.71 (0.18)	0.31 (0.12)
CXOMP J131701.3+291433	-0.34 (0.10)	-0.86 (0.19)	0.26 (0.10)
CXOMP J131702.1+290637	-0.96 (0.15)	-0.03 (0.17)	99.00 (0.00)
CXOMP J131704.5+292208	-0.53 (0.43)	0.04 (0.30)	0.19 (0.55)
CXOMP J131704.7+290527	-0.90 (0.15)	-0.55 (0.20)	1.16 (0.67)
CXOMP J131705.1+290530	-0.84 (0.14)	-0.42 (0.17)	0.94 (0.43)
CXOMP J131705.9+290538	-0.33 (0.14)	-1.58 (0.96)	0.28 (0.13)
CXOMP J131706.0+290916	-0.66 (0.03)	-0.45 (0.05)	0.55 (0.05)
CXOMP J131706.2+290827	-0.98 (0.18)	-0.35 (0.24)	99.00 (0.00)
CXOMP J131706.6+290445	-0.18 (0.23)	-0.90 (0.63)	0.11 (0.21)
CXOMP J131707.6+291239	-0.32 (0.15)	-0.80 (0.29)	0.23 (0.15)
CXOMP J131711.1+292206	-0.60 (0.17)	-0.39 (0.15)	0.46 (0.23)
CXOMP J131714.5+291041	-0.61 (0.14)	-0.70 (0.23)	0.54 (0.19)
CXOMP J131714.6+290635	-0.47 (0.19)	-0.35 (0.23)	0.29 (0.22)
CXOMP J131717.1+290639	-0.40 (0.12)	-0.67 (0.19)	0.28 (0.12)
CXOMP J131718.8+291111	-0.60 (0.10)	-0.44 (0.14)	0.47 (0.14)
CXOMP J131724.0+290955	-0.64 (0.15)	-0.38 (0.19)	0.50 (0.22)
CXOMP J131729.7+290730	-0.40 (0.09)	-0.67 (0.14)	0.28 (0.09)
CXOMP J131730.7+291055	-0.61 (0.12)	-0.40 (0.15)	0.47 (0.17)
CXOMP J131731.9+290850	-0.39 (0.19)	-0.18 (0.21)	0.14 (0.21)
CXOMP J131731.9+291650	0.11 (0.09)	-1.06 (0.34)	-0.14 (0.08)
CXOMP J131732.9+291055	-0.43 (0.24)	-0.51 (0.34)	0.28 (0.27)
CXOMP J131733.4+290810	-0.39 (0.14)	-0.82 (0.29)	0.29 (0.15)
CXOMP J131736.6+291114	-0.64 (0.09)	-0.66 (0.14)	0.57 (0.13)
CXOMP J131736.6+291436	-0.34 (0.20)	-1.31 (0.99)	0.29 (0.19)
CXOMP J131746.0+290912	-0.59 (0.08)	-0.48 (0.10)	0.47 (0.11)
CXOMP J134411.0+555353	-0.59 (0.18)	-0.56 (0.77)	0.48 (0.06)
CXOMP J134437.0+555811	-0.48 (0.24)	-0.46 (0.84)	0.33 (0.12)
CXOMP J134440.2+555648	-0.78 (0.06)	0.04 (0.04)	0.59 (0.02)
CXOMP J134440.2+555445	-0.60 (0.19)	-0.07 (0.19)	0.34 (0.10)
CXOMP J134442.0+555313	-0.33 (0.03)	-0.11 (0.03)	0.04 (0.03)
CXOMP J134449.1+555812	-0.98 (0.14)	0.08 (0.07)	1.59 (0.03)
CXOMP J134450.6+555531	-0.51 (0.13)	-0.81 (1.25)	0.43 (0.05)
CXOMP J134508.0+555058	-0.65 (0.15)	0.06 (0.11)	0.34 (0.08)
CXOMP J134508.5+555421	-0.74 (0.13)	-0.25 (0.19)	0.64 (0.04)
CXOMP J134509.9+555530	-0.76 (0.12)	0.17 (0.06)	0.47 (0.05)
CXOMP J134510.6+555135	-0.31 (0.19)	-0.32 (0.47)	0.11 (0.14)
CXOMP J134513.6+555628	-0.40 (0.22)	-0.93 (4.55)	0.32 (0.10)
CXOMP J134727.7-114039	-0.96 (0.29)	0.42 (0.08)	99.00 (0.00)
CXOMP J140634.3+341025	-0.62 (0.18)	-0.29 (0.43)	0.46 (0.09)
CXOMP J140636.6+341419	-0.66 (0.16)	-0.34 (0.44)	0.53 (0.08)
CXOMP J140639.1+341259	-0.58 (0.23)	-0.07 (0.30)	0.31 (0.16)
CXOMP J140644.8+341135	-0.37 (0.19)	-0.43 (0.71)	0.20 (0.13)
CXOMP J140649.1+340938	-0.79 (0.18)	-0.25 (0.40)	0.74 (0.08)
CXOMP J141057.3+521131	-0.84 (0.26)	0.00 (0.19)	0.76 (0.08)
CXOMP J141059.6+521154	-0.88 (0.20)	0.09 (0.11)	0.86 (0.06)
CXOMP J141103.7+521757	-0.75 (0.12)	0.09 (0.07)	0.49 (0.05)
CXOMP J141104.2+521755	-0.79 (0.12)	0.08 (0.07)	0.59 (0.04)
CXOMP J141108.9+521645	-0.83 (0.28)	0.01 (0.20)	0.73 (0.10)
CXOMP J141113.6+521341	-0.97 (0.26)	0.10 (0.14)	99.00 (0.00)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J141114.4+521611	-0.65 (0.31)	0.31 (0.14)	0.19 (0.27)
CXOMP J141114.4+520630	-0.78 (0.18)	0.02 (0.13)	0.60 (0.07)
CXOMP J141119.4+521400	-0.78 (0.12)	0.20 (0.06)	0.51 (0.05)
CXOMP J141123.4+521332	-0.82 (0.06)	0.20 (0.03)	0.60 (0.02)
CXOMP J141126.0+521850	-0.94 (0.41)	-0.25 (0.49)	99.00 (0.00)
CXOMP J141127.3+521131	-0.40 (0.15)	-0.82 (1.73)	0.30 (0.07)
CXOMP J141129.1+521333	-0.74 (0.32)	-0.57 (1.27)	0.73 (0.08)
CXOMP J141130.8+521424	-1.00 (0.32)	0.27 (0.12)	99.00 (0.00)
CXOMP J141512.5+113203	-0.49 (0.15)	-0.52 (0.62)	0.35 (0.07)
CXOMP J141513.4+113456	-0.54 (0.27)	-0.11 (0.29)	0.27 (0.17)
CXOMP J141515.2+113104	-0.49 (0.13)	-0.33 (0.28)	0.30 (0.07)
CXOMP J141520.6+112802	-0.81 (0.16)	-0.47 (0.41)	0.86 (0.03)
CXOMP J141524.0+113152	-0.27 (0.12)	-0.82 (1.53)	0.18 (0.07)
CXOMP J141525.8+113007	-0.74 (0.13)	-0.41 (0.28)	0.68 (0.03)
CXOMP J141529.8+113133	-0.54 (0.13)	-0.34 (0.27)	0.36 (0.06)
CXOMP J141531.0+112712	-0.69 (0.10)	-0.39 (0.22)	0.58 (0.03)
CXOMP J141531.4+113157	-0.60 (0.05)	-0.40 (0.11)	0.46 (0.02)
CXOMP J141538.0+112746	-0.72 (0.13)	-0.03 (0.11)	0.49 (0.05)
CXOMP J141539.6+112837	-0.81 (0.33)	-0.01 (0.25)	0.68 (0.12)
CXOMP J141551.5+112700	-0.80 (0.19)	0.11 (0.11)	0.60 (0.07)
CXOMP J141557.0+112647	-0.93 (0.34)	0.11 (0.18)	99.00 (0.00)
CXOMP J141558.7+445009	-0.64 (0.11)	-0.16 (0.13)	0.42 (0.05)
CXOMP J141559.1+112702	-1.00 (0.40)	-0.19 (0.39)	99.00 (0.00)
CXOMP J141605.7+112718	-0.53 (0.20)	-0.43 (0.60)	0.38 (0.09)
CXOMP J141615.3+444739	-0.30 (0.18)	-0.98 (4.19)	0.22 (0.10)
CXOMP J141623.6+444943	-0.81 (0.33)	-0.41 (0.74)	0.83 (0.09)
CXOMP J141624.5+445156	-0.70 (0.08)	-0.30 (0.14)	0.57 (0.03)
CXOMP J141624.9+444045	-0.48 (0.12)	-0.20 (0.17)	0.24 (0.07)
CXOMP J141626.6+445240	-0.46 (0.13)	-0.36 (0.32)	0.28 (0.07)
CXOMP J141637.0+444645	-0.72 (0.07)	-0.19 (0.09)	0.57 (0.02)
CXOMP J141639.6+444920	-0.95 (0.37)	-0.36 (0.63)	99.00 (0.00)
CXOMP J141641.6+445240	-0.73 (0.29)	-0.80 (2.49)	0.74 (0.07)
CXOMP J141643.4+444555	-0.41 (0.19)	-0.36 (0.51)	0.22 (0.12)
CXOMP J141644.0+444456	-0.56 (0.25)	-0.99 (5.40)	0.51 (0.08)
CXOMP J141647.8+444250	-0.95 (0.34)	-0.29 (0.45)	99.00 (0.00)
CXOMP J141651.0+444640	-0.78 (0.17)	-0.17 (0.19)	0.69 (0.05)
CXOMP J141655.6+445453	-0.58 (0.12)	-0.93 (1.77)	0.53 (0.04)
CXOMP J141656.1+444720	-0.48 (0.08)	-0.73 (0.56)	0.38 (0.03)
CXOMP J141656.3+445340	0.25 (0.21)	-0.71 (2.85)	-0.30 (0.39)
CXOMP J141700.0+445002	-0.82 (0.20)	-0.68 (1.05)	0.92 (0.04)
CXOMP J141700.7+445344	-0.84 (0.41)	-0.74 (2.77)	0.99 (0.09)
CXOMP J141700.7+445606	-0.77 (0.02)	-0.19 (0.02)	0.67 (0.00)
CXOMP J141712.2+444408	-0.53 (0.27)	-0.35 (0.61)	0.35 (0.14)
CXOMP J141715.0+445316	-0.73 (0.14)	-0.36 (0.27)	0.66 (0.04)
CXOMP J141715.2+445420	-0.68 (0.11)	-0.30 (0.18)	0.55 (0.04)
CXOMP J141730.0+444545	-0.61 (0.22)	-0.22 (0.31)	0.41 (0.11)
CXOMP J141733.5+444608	-0.62 (0.22)	-0.63 (1.08)	0.54 (0.08)
CXOMP J143211.8-011306	-0.49 (0.14)	-0.43 (0.42)	0.32 (0.07)
CXOMP J143227.2-011211	-0.45 (0.27)	-0.67 (1.87)	0.34 (0.12)
CXOMP J143227.4-010935	-0.62 (0.22)	-0.42 (0.57)	0.50 (0.08)
CXOMP J143227.8-010147	-0.42 (0.24)	-1.11 (8.84)	0.36 (0.10)
CXOMP J143228.9-010612	-0.68 (0.28)	-0.10 (0.30)	0.47 (0.12)
CXOMP J143230.9-005936	-0.63 (0.15)	-0.26 (0.25)	0.46 (0.06)
CXOMP J143244.4-005913	-0.64 (0.03)	-0.42 (0.07)	0.52 (0.01)
CXOMP J143245.9-010829	-0.35 (0.16)	-0.77 (1.58)	0.25 (0.08)
CXOMP J143303.4-010708	-0.55 (0.16)	-0.44 (0.47)	0.41 (0.07)
CXOMP J153416.3+232630	-0.75 (0.07)	-0.36 (0.17)	0.68 (0.03)
CXOMP J153428.1+232425	-0.67 (0.22)	-0.08 (0.23)	0.44 (0.13)
CXOMP J153429.8+232332	-0.45 (0.20)	-0.27 (0.41)	0.23 (0.13)
CXOMP J153442.7+232154	-0.70 (0.16)	-0.44 (0.50)	0.62 (0.07)
CXOMP J153442.7+232822	-0.60 (0.13)	-0.29 (0.30)	0.43 (0.07)
CXOMP J153443.6+232341	-0.51 (0.10)	-0.75 (1.04)	0.42 (0.05)
CXOMP J153448.2+232722	-0.64 (0.09)	-0.20 (0.17)	0.44 (0.05)
CXOMP J153448.9+232940	-0.29 (0.20)	-99.00 (0.00)	0.24 (0.11)
CXOMP J153451.9+232828	-0.78 (0.10)	-0.12 (0.17)	0.67 (0.05)
CXOMP J153452.3+233248	-0.35 (0.19)	-0.55 (1.01)	0.21 (0.12)
CXOMP J153452.6+232848	-0.89 (0.12)	0.33 (0.08)	0.75 (0.09)
CXOMP J153453.0+232855	-0.94 (0.19)	0.76 (0.07)	99.00 (0.00)
CXOMP J153453.7+232816	-0.92 (0.06)	0.22 (0.06)	0.97 (0.04)
CXOMP J153455.5+233417	-0.71 (0.16)	-0.25 (0.32)	0.58 (0.07)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J153457.7+233006	-0.95 (0.07)	-0.07 (0.14)	1.30 (0.03)
CXOMP J153501.7+233425	-0.61 (0.18)	-0.42 (0.64)	0.47 (0.09)
CXOMP J153504.6+233447	-0.72 (0.32)	-0.36 (0.83)	0.63 (0.14)
CXOMP J153510.7+232745	-0.72 (0.16)	-0.15 (0.25)	0.56 (0.08)
CXOMP J153518.7+233313	-0.70 (0.17)	-0.28 (0.35)	0.56 (0.08)
CXOMP J154939.4+212558	-0.54 (0.22)	-0.43 (0.64)	0.39 (0.09)
CXOMP J154942.6+212507	-0.72 (0.23)	-0.27 (0.35)	0.60 (0.07)
CXOMP J154945.4+213010	-0.75 (0.08)	-0.10 (0.08)	0.59 (0.03)
CXOMP J154947.2+212857	-1.00 (0.26)	0.05 (0.15)	99.00 (0.00)
CXOMP J154949.5+212557	-0.71 (0.12)	-0.35 (0.24)	0.60 (0.04)
CXOMP J155000.9+212423	-1.00 (0.39)	-0.27 (0.50)	99.00 (0.00)
CXOMP J155003.3+212806	0.54 (0.28)	99.00 (0.00)	-99.00 (0.00)
CXOMP J155003.5+212757	-0.50 (0.19)	-0.75 (1.62)	0.40 (0.07)
CXOMP J155012.4+212617	-0.82 (0.13)	-0.05 (0.10)	0.72 (0.04)
CXOMP J162246.4+263833	-0.46 (0.19)	-0.52 (0.75)	0.32 (0.09)
CXOMP J162252.0+263853	-0.68 (0.19)	-0.54 (0.68)	0.61 (0.06)
CXOMP J162300.1+263755	-0.53 (0.13)	-0.49 (0.45)	0.40 (0.05)
CXOMP J162327.1+263207	-0.53 (0.19)	-0.41 (0.50)	0.38 (0.08)
CXOMP J162330.1+264441	-0.70 (0.12)	-0.43 (0.29)	0.63 (0.04)
CXOMP J162331.2+264335	-0.58 (0.20)	-1.42 (23.32)	0.56 (0.06)
CXOMP J162333.6+264035	-0.60 (0.31)	-0.67 (1.84)	0.52 (0.10)
CXOMP J162335.9+263652	-0.54 (0.23)	-0.58 (1.08)	0.42 (0.09)
CXOMP J162343.6+263244	-0.56 (0.06)	-0.42 (0.16)	0.41 (0.02)
CXOMP J162346.1+263643	-0.76 (0.34)	-0.37 (0.69)	0.71 (0.10)
CXOMP J162353.8+263937	-0.95 (0.16)	-0.26 (0.19)	1.45 (0.03)
CXOMP J162410.3+264144	-0.54 (0.16)	-0.51 (0.54)	0.40 (0.07)
CXOMP J162410.6+263853	-0.48 (0.18)	-0.58 (0.85)	0.36 (0.09)
CXOMP J162415.4+263728	-1.00 (0.18)	-0.27 (0.18)	99.00 (0.00)
CXOMP J162418.2+263914	-0.48 (0.25)	-0.17 (0.31)	0.23 (0.17)
CXOMP J165538.9-082450	-0.72 (0.12)	-0.36 (0.16)	0.63 (0.22)
CXOMP J171613.3+671133	-0.59 (0.17)	-0.97 (2.79)	0.54 (0.05)
CXOMP J171613.7+670639	-1.00 (0.19)	0.04 (0.09)	99.00 (0.00)
CXOMP J171614.4+671344	-0.30 (0.21)	-0.57 (1.12)	0.17 (0.13)
CXOMP J171621.2+671312	-0.56 (0.26)	-0.84 (3.17)	0.50 (0.09)
CXOMP J171632.8+670636	-0.51 (0.19)	-99.00 (0.00)	0.48 (0.06)
CXOMP J171635.5+671626	-0.52 (0.14)	-0.46 (0.44)	0.37 (0.06)
CXOMP J171636.9+670829	0.51 (0.16)	-0.40 (0.86)	-0.63 (0.77)
CXOMP J171637.9+671307	0.20 (0.19)	-99.00 (0.00)	-0.17 (0.25)
CXOMP J171638.0+671155	-0.64 (0.17)	-0.64 (0.84)	0.57 (0.05)
CXOMP J171651.7+670854	-0.30 (0.11)	-1.37 (10.67)	0.25 (0.06)
CXOMP J171653.1+670750	-0.41 (0.16)	-0.61 (0.89)	0.28 (0.08)
CXOMP J171700.7+670519	-0.63 (0.11)	-0.31 (0.20)	0.47 (0.04)
CXOMP J171702.6+670704	-0.59 (0.27)	-0.42 (0.71)	0.45 (0.11)
CXOMP J171709.1+670821	-0.54 (0.22)	-0.59 (1.05)	0.42 (0.09)
CXOMP J171710.4+670930	-0.92 (0.28)	-0.32 (0.44)	1.20 (0.05)
CXOMP J171711.1+671818	-0.54 (0.23)	-0.86 (2.90)	0.47 (0.09)
CXOMP J171713.4+671433	-0.26 (0.06)	-1.38 (4.67)	0.22 (0.03)
CXOMP J171725.4+670616	-0.48 (0.16)	-0.29 (0.30)	0.27 (0.09)
CXOMP J171740.4+671147	-0.56 (0.18)	-0.36 (0.41)	0.40 (0.08)
CXOMP J171748.3+670544	-0.69 (0.11)	-0.43 (0.26)	0.60 (0.03)
CXOMP J171749.1+671017	-0.68 (0.21)	-0.72 (1.44)	0.65 (0.06)
CXOMP J171758.4+671203	-0.62 (0.08)	-0.48 (0.25)	0.51 (0.03)
CXOMP J171805.4+670959	-0.67 (0.21)	-0.19 (0.26)	0.49 (0.09)
CXOMP J171805.9+671218	-0.57 (0.24)	-0.48 (0.78)	0.44 (0.10)
CXOMP J171807.6+670647	-0.61 (0.09)	-0.39 (0.20)	0.47 (0.03)
CXOMP J171815.0+670347	-1.00 (0.28)	-0.08 (0.16)	99.00 (0.00)
CXOMP J171825.5+670459	-0.65 (0.17)	-0.40 (0.38)	0.52 (0.07)
CXOMP J171859.7+671444	-0.68 (0.11)	-0.53 (0.37)	0.61 (0.04)
CXOMP J180658.6+694358	-0.61 (0.31)	-0.88 (4.36)	0.57 (0.10)
CXOMP J180726.7+694626	-0.92 (0.31)	-0.12 (0.28)	1.14 (0.07)
CXOMP J184050.7+794841	-0.36 (0.25)	-0.13 (0.37)	0.09 (0.21)
CXOMP J184130.4+794537	-0.79 (0.31)	-0.58 (1.23)	0.82 (0.07)
CXOMP J184143.4+794747	-0.86 (0.20)	-0.13 (0.19)	0.89 (0.05)
CXOMP J184148.1+794743	-0.77 (0.12)	-0.07 (0.11)	0.61 (0.04)
CXOMP J184224.3+794542	-1.00 (0.17)	0.42 (0.05)	99.00 (0.00)
CXOMP J184228.6+794511	-0.75 (0.33)	-0.09 (0.31)	0.59 (0.12)
CXOMP J184255.4+794551	-1.00 (0.49)	0.49 (0.11)	99.00 (0.00)
CXOMP J205558.1-043340	-0.61 (0.22)	-0.83 (2.28)	0.56 (0.07)
CXOMP J205603.6-043118	-0.66 (0.15)	-0.29 (0.26)	0.50 (0.05)
CXOMP J205604.3-043013	-0.02 (0.19)	-99.00 (0.00)	0.02 (0.15)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J205605.4-044057	-0.47 (0.12)	-0.72 (0.88)	0.36 (0.05)
CXOMP J205606.0-043329	-0.54 (0.27)	-0.49 (0.95)	0.41 (0.11)
CXOMP J205606.6-043725	-0.76 (0.13)	-0.43 (0.30)	0.73 (0.03)
CXOMP J205609.1-043103	-0.48 (0.16)	-99.00 (0.00)	0.46 (0.05)
CXOMP J205609.3-043832	-0.24 (0.22)	-0.83 (3.35)	0.15 (0.14)
CXOMP J205609.5-043728	-0.41 (0.13)	-0.64 (0.75)	0.29 (0.06)
CXOMP J205611.0-043412	-0.35 (0.21)	-0.56 (1.11)	0.22 (0.12)
CXOMP J205614.8-044134	-0.62 (0.18)	-0.81 (1.74)	0.57 (0.06)
CXOMP J205617.1-044155	-0.64 (0.16)	-0.48 (0.49)	0.53 (0.06)
CXOMP J205618.6-043429	0.51 (0.20)	-0.76 (4.04)	-0.56 (0.76)
CXOMP J205620.5-043059	-0.68 (0.20)	-0.61 (0.95)	0.62 (0.06)
CXOMP J205620.9-043047	-0.85 (0.26)	-0.76 (1.79)	1.03 (0.05)
CXOMP J205622.2-044005	-0.55 (0.12)	-0.40 (0.29)	0.39 (0.05)
CXOMP J205624.7-043533	0.85 (0.24)	-99.00 (0.00)	-1.05 (4.26)
CXOMP J205624.8-042824	-0.58 (0.21)	-0.44 (0.60)	0.45 (0.09)
CXOMP J205629.1-043415	-0.74 (0.18)	-0.45 (0.45)	0.70 (0.04)
CXOMP J205631.3-043614	-0.42 (0.14)	-0.47 (0.49)	0.26 (0.07)
CXOMP J205631.5-044010	-0.52 (0.18)	-0.52 (0.68)	0.39 (0.08)
CXOMP J205632.5-044012	-0.29 (0.12)	-0.56 (0.60)	0.16 (0.08)
CXOMP J205632.8-042650	-0.52 (0.16)	-0.37 (0.39)	0.34 (0.08)
CXOMP J205633.1-043434	-1.00 (0.43)	-0.23 (0.47)	99.00 (0.00)
CXOMP J205634.8-043451	-0.46 (0.23)	-0.79 (2.38)	0.37 (0.10)
CXOMP J205635.1-043945	0.45 (0.27)	-99.00 (0.00)	-0.41 (0.65)
CXOMP J205638.1-043753	-0.54 (0.13)	-0.55 (0.51)	0.42 (0.05)
CXOMP J205638.9-043152	-0.36 (0.21)	-99.00 (0.00)	0.34 (0.09)
CXOMP J205648.1-042937	-0.49 (0.12)	-0.95 (2.14)	0.42 (0.05)
CXOMP J205649.3-042536	-0.78 (0.36)	-0.58 (1.39)	0.80 (0.12)
CXOMP J213958.7-233553	-0.87 (0.26)	-0.04 (0.19)	0.87 (0.09)
CXOMP J213958.9-233849	-0.75 (0.25)	-0.29 (0.40)	0.67 (0.07)
CXOMP J214001.0-234053	-0.77 (0.19)	-0.04 (0.15)	0.59 (0.07)
CXOMP J214001.4-234112	-0.75 (0.05)	0.03 (0.03)	0.53 (0.02)
CXOMP J214003.0-233700	-0.46 (0.25)	-0.99 (5.88)	0.40 (0.10)
CXOMP J214004.4-233945	-0.78 (0.31)	-0.13 (0.32)	0.66 (0.10)
CXOMP J214006.1-234119	-0.49 (0.19)	-1.21 (8.97)	0.44 (0.07)
CXOMP J214007.0-233530	-0.58 (0.32)	-0.41 (0.83)	0.43 (0.14)
CXOMP J214010.4-233905	0.96 (0.35)	999.00 (0.00)	-99.00 (0.00)
CXOMP J214014.3-234220	-0.94 (0.15)	0.16 (0.07)	1.14 (0.03)
CXOMP J214014.5-233605	-0.96 (0.42)	0.27 (0.15)	99.00 (0.00)
CXOMP J214018.0-234920	-0.79 (0.12)	-0.32 (0.20)	0.75 (0.04)
CXOMP J214018.3-234055	-0.83 (0.11)	0.00 (0.08)	0.74 (0.03)
CXOMP J214019.6-233508	-0.46 (0.28)	-99.00 (0.00)	0.41 (0.10)
CXOMP J214020.2-233451	-0.43 (0.29)	-0.23 (0.50)	0.20 (0.19)
CXOMP J214020.5-233517	-0.65 (0.32)	-0.20 (0.43)	0.47 (0.14)
CXOMP J214023.6-233554	-0.52 (0.14)	-1.17 (6.06)	0.47 (0.05)
CXOMP J214027.1-234252	-0.77 (0.18)	-0.63 (0.80)	0.80 (0.04)
CXOMP J214041.4-234719	-0.65 (0.03)	-0.30 (0.06)	0.49 (0.01)
CXOMP J215202.6-273231	-0.67 (0.14)	-0.01 (0.16)	0.40 (0.24)
CXOMP J215204.2-272847	-0.98 (0.23)	-0.30 (0.29)	99.00 (0.00)
CXOMP J215206.5-273026	-0.77 (0.15)	0.07 (0.18)	0.54 (0.34)
CXOMP J215219.1-272716	-0.58 (0.22)	0.14 (0.24)	0.20 (0.32)
CXOMP J221240.1-220747	-0.47 (0.18)	-0.08 (0.20)	0.17 (0.13)
CXOMP J221249.1-221131	-0.51 (0.13)	-0.58 (0.59)	0.39 (0.05)
CXOMP J221251.6-221347	-0.63 (0.27)	-0.38 (0.62)	0.49 (0.10)
CXOMP J221255.8-221003	-0.76 (0.15)	-0.29 (0.24)	0.68 (0.04)
CXOMP J221258.1-221358	-0.65 (0.29)	-0.59 (1.34)	0.57 (0.09)
CXOMP J221313.0-220423	-0.60 (0.11)	-0.73 (0.75)	0.53 (0.03)
CXOMP J221318.4-221018	0.45 (0.20)	-0.21 (0.62)	-0.63 (1.01)
CXOMP J221319.5-220833	-0.88 (0.23)	-0.08 (0.19)	0.92 (0.06)
CXOMP J221323.2-220721	-0.72 (0.07)	-0.24 (0.09)	0.60 (0.02)
CXOMP J221325.9-221642	-0.48 (0.26)	-0.61 (1.39)	0.36 (0.11)
CXOMP J221326.1-220547	-0.83 (0.18)	-0.11 (0.17)	0.78 (0.05)
CXOMP J221328.8-221148	-0.89 (0.26)	-0.74 (1.55)	1.15 (0.04)
CXOMP J221333.1-221000	-0.39 (0.21)	-0.83 (2.71)	0.29 (0.10)
CXOMP J221337.8-220825	-0.74 (0.28)	-0.51 (0.88)	0.71 (0.08)
CXOMP J221352.5-221552	-1.00 (0.10)	0.18 (0.04)	99.00 (0.00)
CXOMP J223531.5+340127	-0.52 (0.11)	-0.42 (0.31)	0.35 (0.05)
CXOMP J223538.4+340610	-0.64 (0.11)	-0.43 (0.28)	0.53 (0.04)
CXOMP J223551.8+340105	-0.63 (0.20)	-0.36 (0.43)	0.49 (0.07)
CXOMP J223553.9+335946	-0.72 (0.28)	-0.45 (0.76)	0.67 (0.08)
CXOMP J223606.5+335625	-0.73 (0.22)	-0.30 (0.37)	0.63 (0.06)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J223622.2+335652	-0.49 (0.31)	-0.75 (2.98)	0.40 (0.13)
CXOMP J224007.1+031813	-0.63 (0.04)	-0.33 (0.05)	0.48 (0.06)
CXOMP J224021.4+032442	-0.64 (0.23)	-0.10 (0.25)	0.41 (0.36)
CXOMP J224022.8+032451	-0.71 (0.07)	-0.08 (0.09)	0.51 (0.13)
CXOMP J224028.5+031850	-0.82 (0.12)	0.18 (0.15)	0.60 (0.33)
CXOMP J224036.2+032609	-0.88 (0.14)	-0.07 (0.17)	0.93 (0.55)
CXOMP J224041.6+032325	-0.90 (0.24)	-0.10 (0.27)	1.03 (1.11)
CXOMP J224046.1+032325	-0.69 (0.19)	-0.54 (0.27)	0.62 (0.32)
CXOMP J224050.9+032309	-0.84 (0.14)	0.08 (0.15)	0.71 (0.42)
CXOMP J224054.5+032143	-0.66 (0.28)	-0.08 (0.26)	0.42 (0.45)
CXOMP J224054.7+032208	-0.80 (0.18)	0.00 (0.18)	0.65 (0.44)
CXOMP J230209.0+084559	-0.55 (0.16)	-0.62 (0.80)	0.44 (0.07)
CXOMP J230211.1+084654	-0.18 (0.22)	-0.56 (1.25)	0.05 (0.17)
CXOMP J230215.2+084408	-0.76 (0.28)	-0.20 (0.30)	0.65 (0.11)
CXOMP J230218.0+084409	-0.65 (0.11)	-0.47 (0.30)	0.55 (0.04)
CXOMP J230221.6+084653	-0.36 (0.09)	-1.04 (2.29)	0.29 (0.04)
CXOMP J230222.2+085024	-0.56 (0.07)	-0.41 (0.19)	0.40 (0.03)
CXOMP J230223.1+084550	-0.35 (0.17)	-0.94 (3.62)	0.27 (0.09)
CXOMP J230225.6+084725	-0.64 (0.19)	-1.12 (5.80)	0.62 (0.06)
CXOMP J230229.6+084857	-0.60 (0.15)	-0.43 (0.41)	0.47 (0.06)
CXOMP J230231.1+083920	-0.46 (0.23)	-1.05 (6.95)	0.39 (0.10)
CXOMP J230238.1+084956	-0.57 (0.13)	-0.67 (0.74)	0.48 (0.04)
CXOMP J230240.2+083611	-0.53 (0.04)	-0.71 (0.24)	0.44 (0.01)
CXOMP J230241.0+085110	-0.25 (0.14)	-0.70 (1.24)	0.14 (0.10)
CXOMP J230241.1+084118	-0.55 (0.30)	-0.55 (1.26)	0.43 (0.12)
CXOMP J230243.0+083946	-0.53 (0.09)	-0.65 (0.50)	0.42 (0.03)
CXOMP J230243.0+085127	-0.71 (0.25)	-0.43 (0.59)	0.63 (0.08)
CXOMP J230244.1+084152	-0.46 (0.19)	-0.60 (1.02)	0.34 (0.09)
CXOMP J230245.6+085103	-0.36 (0.21)	-0.51 (0.89)	0.21 (0.13)
CXOMP J230246.6+084819	-0.85 (0.23)	-0.38 (0.45)	0.95 (0.05)
CXOMP J230247.0+084704	0.24 (0.19)	-99.00 (0.00)	-0.20 (0.26)
CXOMP J230247.2+084824	-0.60 (0.18)	-0.78 (1.59)	0.53 (0.06)
CXOMP J230247.6+084757	-0.35 (0.13)	-0.60 (0.71)	0.22 (0.07)
CXOMP J230247.7+084228	-0.49 (0.25)	-0.74 (2.14)	0.39 (0.10)
CXOMP J230249.0+085153	-0.58 (0.09)	-0.70 (0.54)	0.50 (0.03)
CXOMP J230249.0+084240	-0.51 (0.19)	-0.98 (3.64)	0.45 (0.07)
CXOMP J230250.4+084203	-0.60 (0.30)	-0.58 (1.36)	0.50 (0.11)
CXOMP J230250.8+083558	-0.14 (0.27)	-99.00 (0.00)	0.21 (0.13)
CXOMP J230252.0+084135	-0.85 (0.14)	-0.09 (0.12)	0.83 (0.04)
CXOMP J230252.2+084810	-0.65 (0.11)	-0.58 (0.46)	0.56 (0.03)
CXOMP J230254.3+083904	-0.57 (0.03)	-0.61 (0.12)	0.46 (0.01)
CXOMP J230254.4+084426	-0.12 (0.19)	-99.00 (0.00)	0.10 (0.13)
CXOMP J230256.1+083849	-0.46 (0.11)	-0.63 (0.58)	0.34 (0.05)
CXOMP J230257.3+084834	-0.60 (0.06)	-0.48 (0.19)	0.48 (0.02)
CXOMP J230259.0+084301	-0.12 (0.20)	-0.92 (4.34)	0.05 (0.16)
CXOMP J230259.6+084443	-0.60 (0.12)	-0.53 (0.42)	0.49 (0.04)
CXOMP J230300.9+084659	-0.47 (0.04)	-0.61 (0.18)	0.35 (0.01)
CXOMP J230301.2+084313	-0.56 (0.13)	-0.55 (0.52)	0.44 (0.05)
CXOMP J230302.6+084403	-0.49 (0.24)	-1.36 (23.84)	0.45 (0.09)
CXOMP J230303.3+085037	-0.66 (0.33)	-1.03 (7.20)	0.65 (0.11)
CXOMP J230304.0+085000	-0.54 (0.12)	-0.79 (1.10)	0.46 (0.04)
CXOMP J230304.6+084130	-0.61 (0.19)	-0.47 (0.56)	0.49 (0.07)
CXOMP J230307.9+084234	-0.46 (0.28)	-0.79 (2.85)	0.37 (0.12)
CXOMP J230311.2+085129	-0.67 (0.21)	-0.43 (0.45)	0.57 (0.08)
CXOMP J230314.5+084845	0.95 (0.21)	-99.00 (0.00)	-1.36 (14.86)
CXOMP J230319.3+084501	-0.29 (0.24)	-0.24 (0.44)	0.07 (0.21)
CXOMP J230323.0+084408	-0.21 (0.20)	-0.92 (4.30)	0.14 (0.13)
CXOMP J234806.6+010350	-0.51 (0.14)	-0.39 (0.36)	0.33 (0.07)
CXOMP J234808.0+005813	-0.34 (0.20)	-0.76 (2.14)	0.23 (0.11)
CXOMP J234808.3+010112	-0.49 (0.15)	-0.41 (0.41)	0.32 (0.07)
CXOMP J234810.5+010552	-0.64 (0.11)	-0.69 (0.69)	0.57 (0.03)
CXOMP J234811.5+005700	-0.82 (0.09)	0.02 (0.06)	0.70 (0.02)
CXOMP J234812.7+005750	-0.72 (0.10)	-0.03 (0.08)	0.50 (0.04)
CXOMP J234813.2+005611	0.67 (0.24)	0.04 (0.55)	-1.03 (5.01)
CXOMP J234814.4+010311	-0.67 (0.13)	-0.41 (0.31)	0.56 (0.04)
CXOMP J234816.0+010657	-0.28 (0.21)	-0.56 (1.15)	0.15 (0.14)
CXOMP J234816.9+005436	-1.00 (0.45)	0.12 (0.20)	99.00 (0.00)
CXOMP J234817.9+010615	-0.87 (0.16)	0.08 (0.09)	0.83 (0.05)
CXOMP J234818.4+005520	-0.48 (0.27)	-1.00 (6.59)	0.41 (0.11)
CXOMP J234818.9+005950	-0.77 (0.09)	0.04 (0.06)	0.57 (0.03)

Table 9 - continued

source name	HR (0.3-8.0)	C21 (0.3-2.5)	C32 (0.9-8.0)
CXOMP J234820.2+005437	0.21 (0.15)	-0.79 (2.51)	-0.25 (0.24)
CXOMP J234820.8+010024	-0.75 (0.07)	-0.02 (0.05)	0.55 (0.02)
CXOMP J234822.9+005324	-0.79 (0.19)	0.04 (0.12)	0.60 (0.08)
CXOMP J234823.2+010357	-0.69 (0.15)	-0.46 (0.41)	0.60 (0.04)
CXOMP J234825.9+005549	-0.65 (0.18)	-0.48 (0.55)	0.55 (0.06)
CXOMP J234826.2+010330	-0.65 (0.07)	-0.38 (0.14)	0.52 (0.02)
CXOMP J234826.3+010015	-0.81 (0.27)	-0.03 (0.21)	0.68 (0.09)
CXOMP J234828.4+005406	-1.00 (0.87)	0.27 (0.17)	99.00 (0.00)
CXOMP J234833.5+005828	-0.99 (0.31)	-0.34 (0.48)	99.00 (0.00)
CXOMP J234835.3+005832	-0.72 (0.05)	-0.14 (0.06)	0.56 (0.02)
CXOMP J234839.3+005511	-0.64 (0.19)	-0.12 (0.20)	0.41 (0.09)

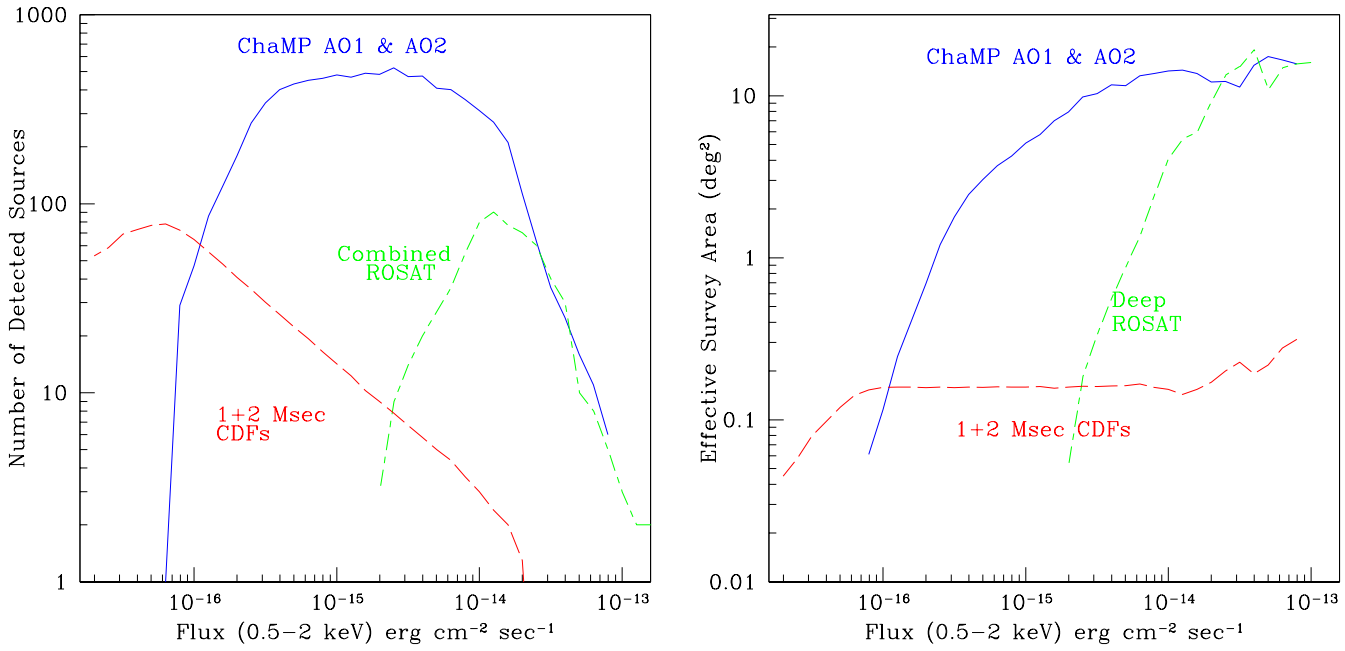


Figure 1: ChaMP predicted (a) number of sources and (b) effective sky area. Predictions are determined by simulations for 137 ChaMP fields, based on a deep Log(N)-Log(S). Also included are analogous simulations for the combined CDFs (2 Msec North and 1 Msec South) and for the ROSAT surveys analyzed by Miyaji et al (2000).

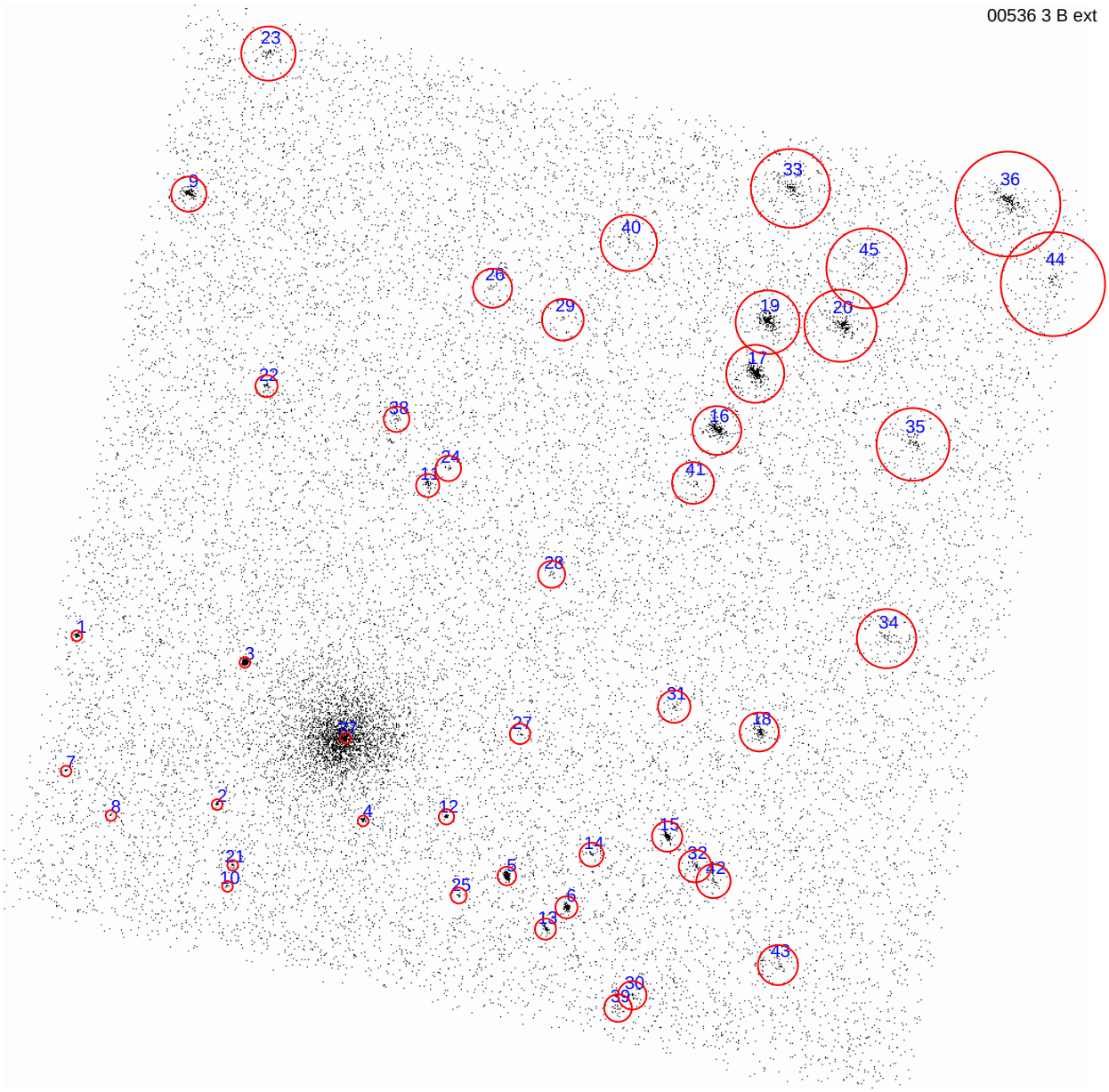


Figure 2: An example XPIPE output image. A circle indicates an X-ray source detected by wavdetect and its radius is proportional to the PSF size at the off-axis distance for a given source. 45 sources are detected, including one extended source (a target source in this observation) and a few overlapping sources.

Figure 3: Examples of (a) a bad column and (b) a hot pixel in sky coordinates. (a) A series of false sources are detected along the bad column. (b) Two hot pixels are seen in a Lissajous pattern (near the center) and 4 false sources each are detected. In ChaMP data processing, the presence of unfiltered bad columns and bad pixels is checked by visual examination of images in chip coordinates.

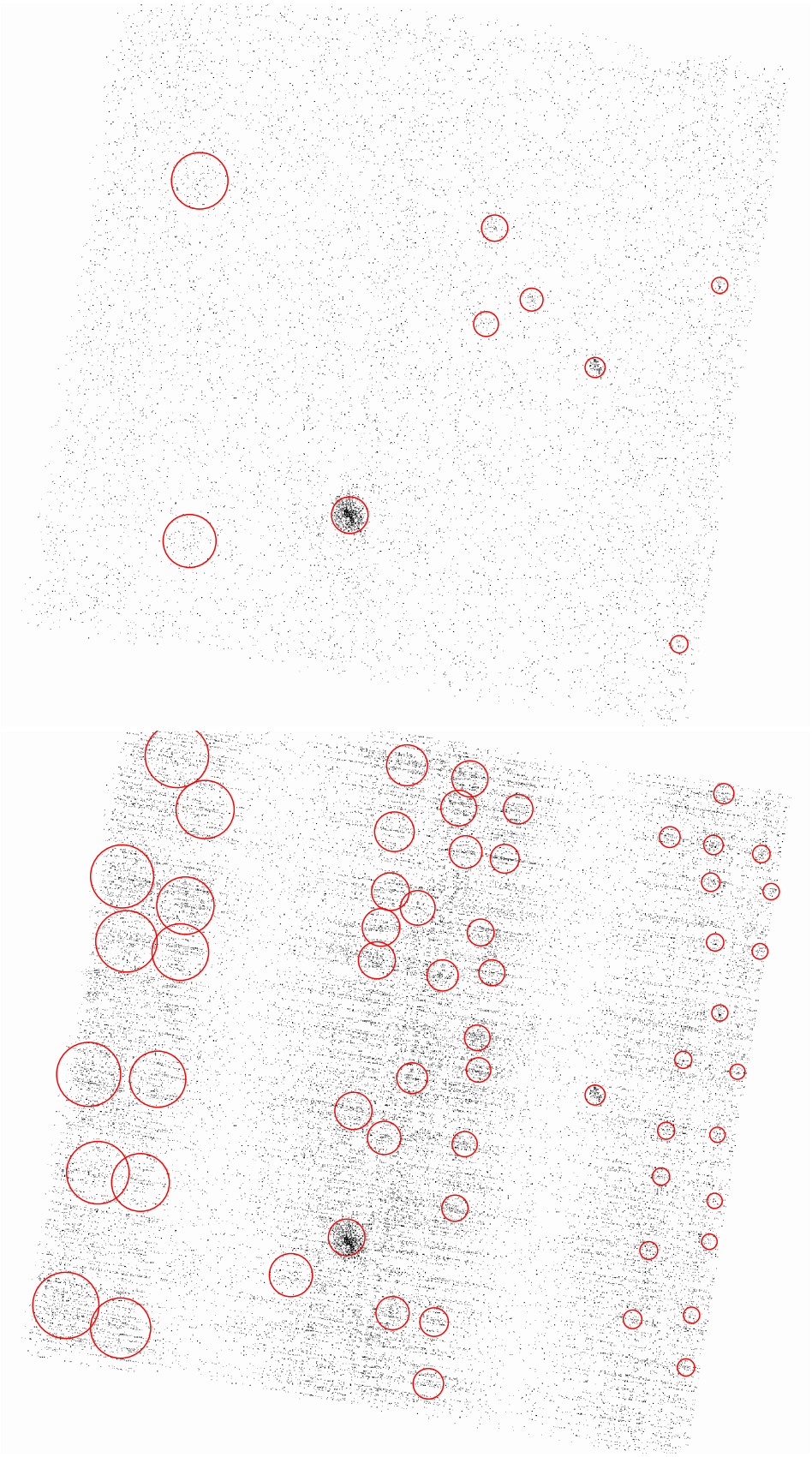


Figure 4: A sample image on S4 chip (ccdid=8) before (bottom) and after (top) the de-streaking correction.

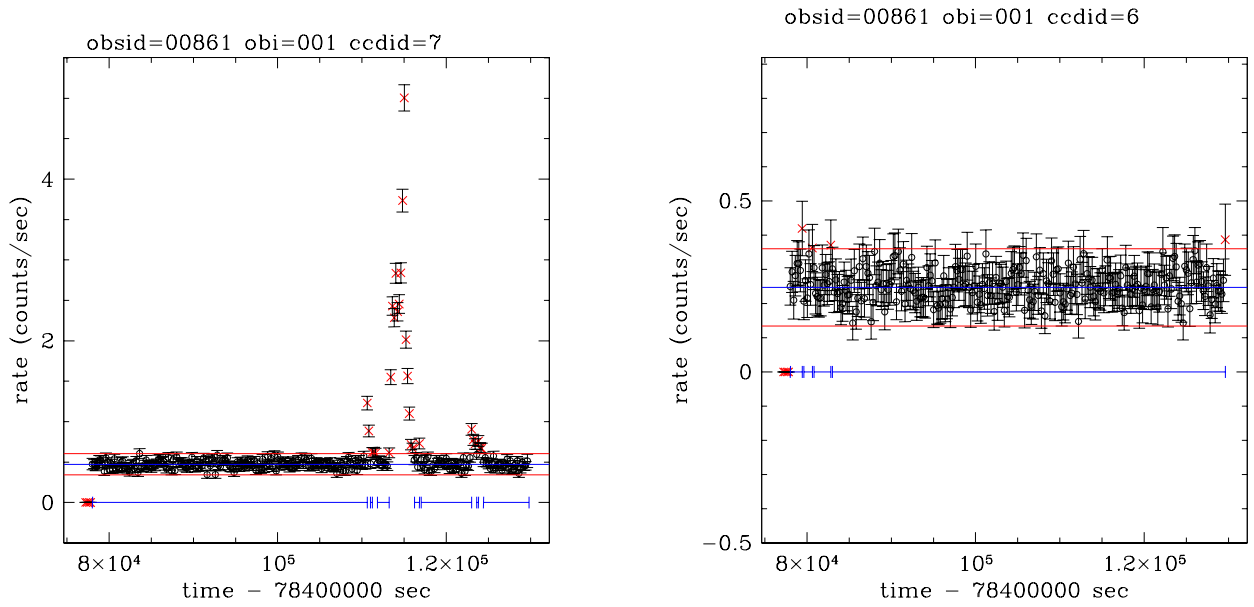


Figure 5: Comparison of background light curves of (a) BI S3 (ccdid=7) chip and (b) FI S2 (ccdid=6) chip. Note that they were made from the same observation. Time intervals during which the background rate is high (beyond 3 sigma) are marked by a red cross.

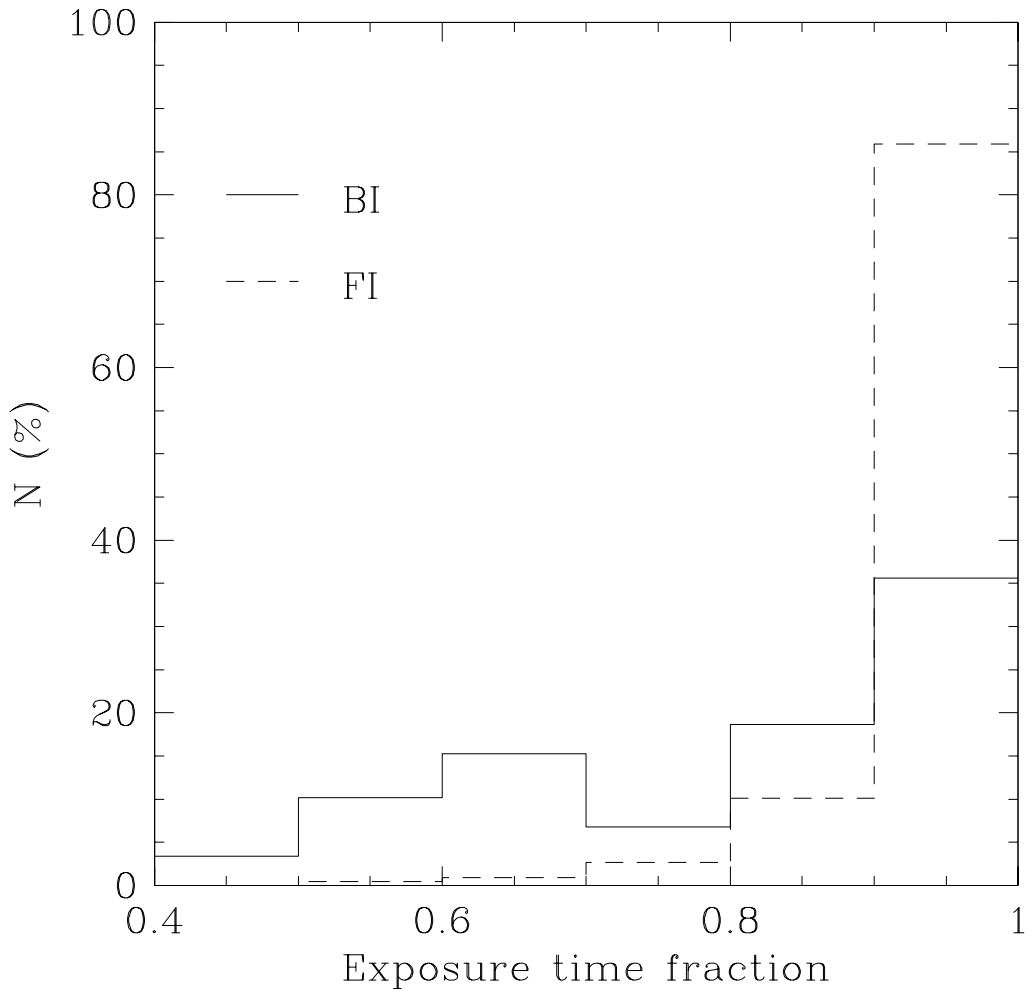


Figure 6: Histogram of the effective exposure times for BI and FI chips. Background flares significantly reduce the effective exposure time in the BI chip.

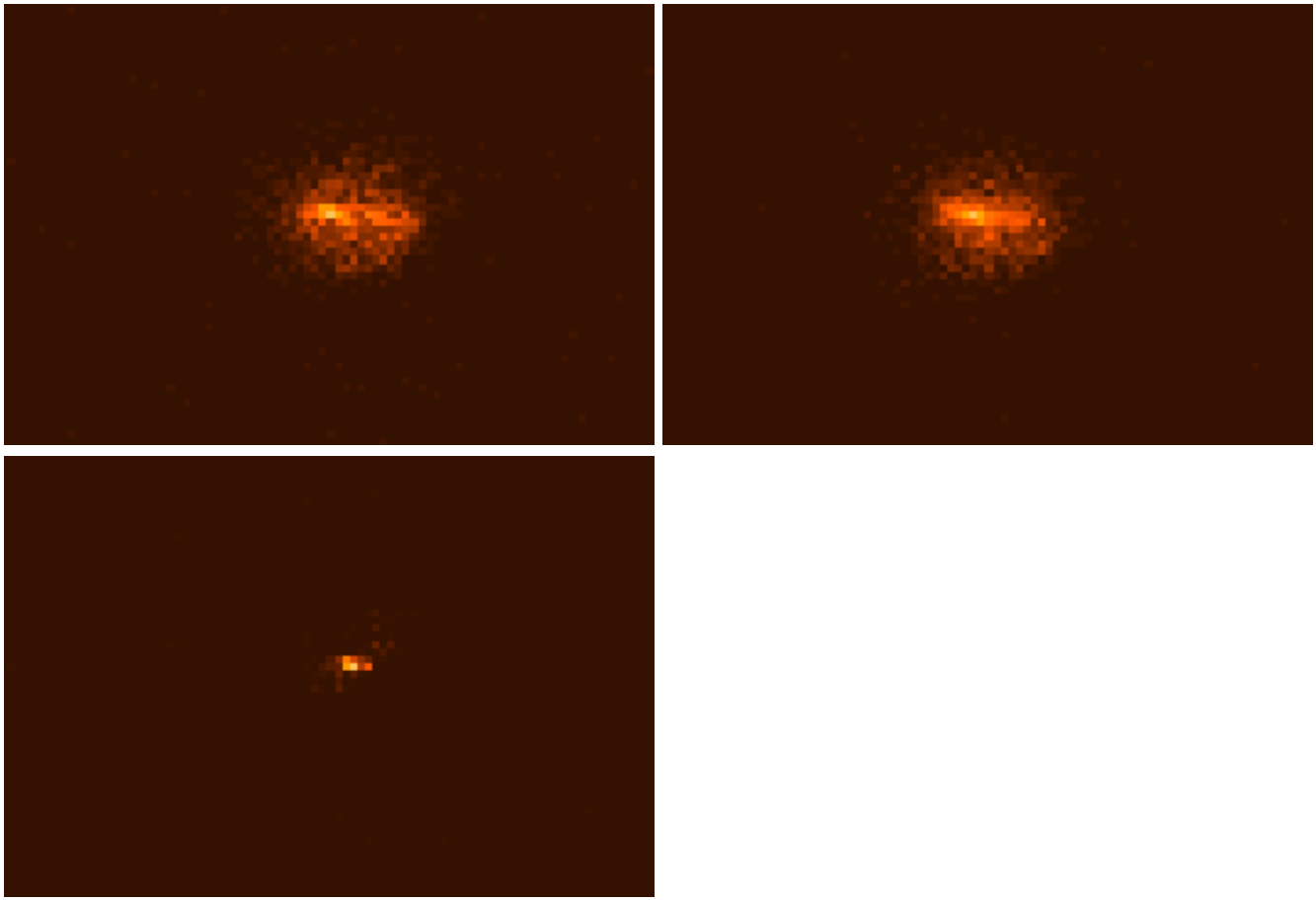
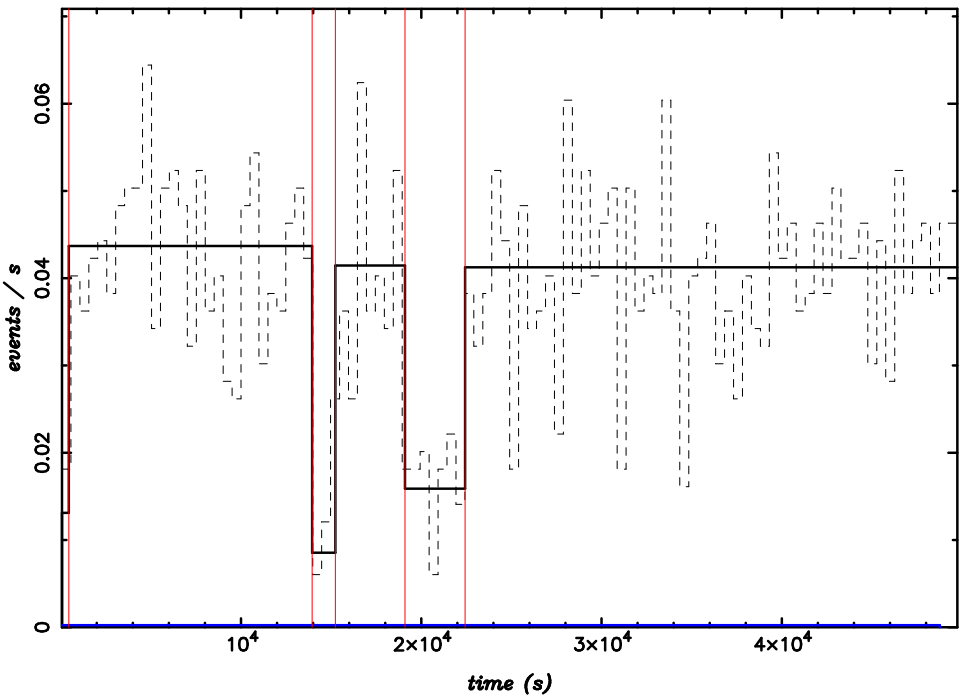


Figure 7: Double peaked sources due to the PSF. The top-left panel is the observed image of a single source with 2000 counts at Doff-axis=6' and the top-right panel is the PSF image generated at the source location. In this case, 2 sources are detected by wavdetect, 1.6" apart. The bottom-left panel clearly shows a single source after applying the Richardson-Lucy deconvolution.



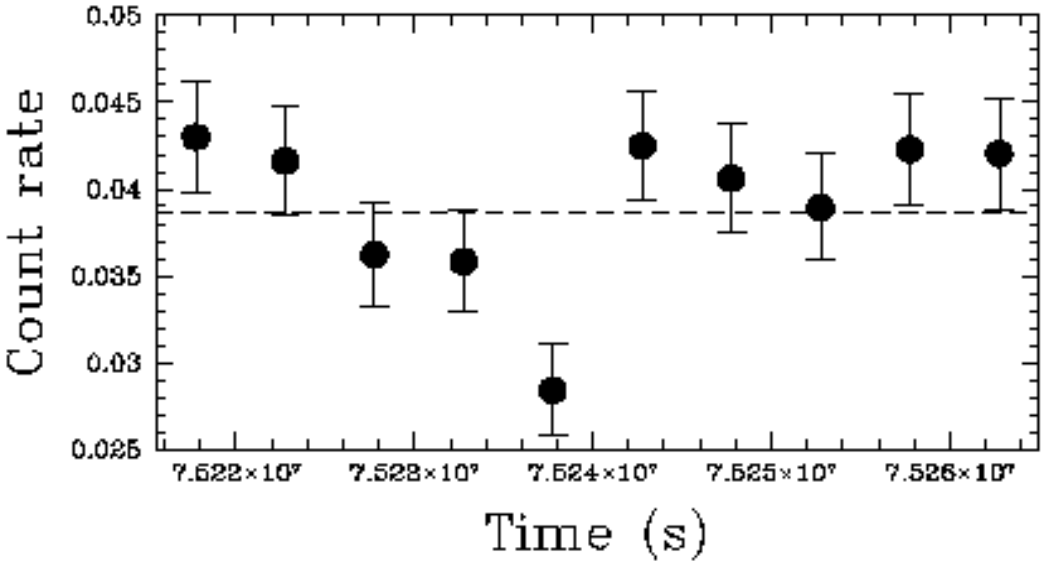


Figure 8: (a) An example of variability determined by the Bayesian Blocks method. The Chandra data of 1WGA J1216.9+3347 is used here to illustrate the results of our variability analysis. The dotted histogram represents the light curve and the thick black histogram indicates where the count rate remains constant or varies. The break in the count rate is also marked by the red vertical line. (b) The light curve of the same source determined by the traditional time binning method (taken from Cagnoni et al. 2003).

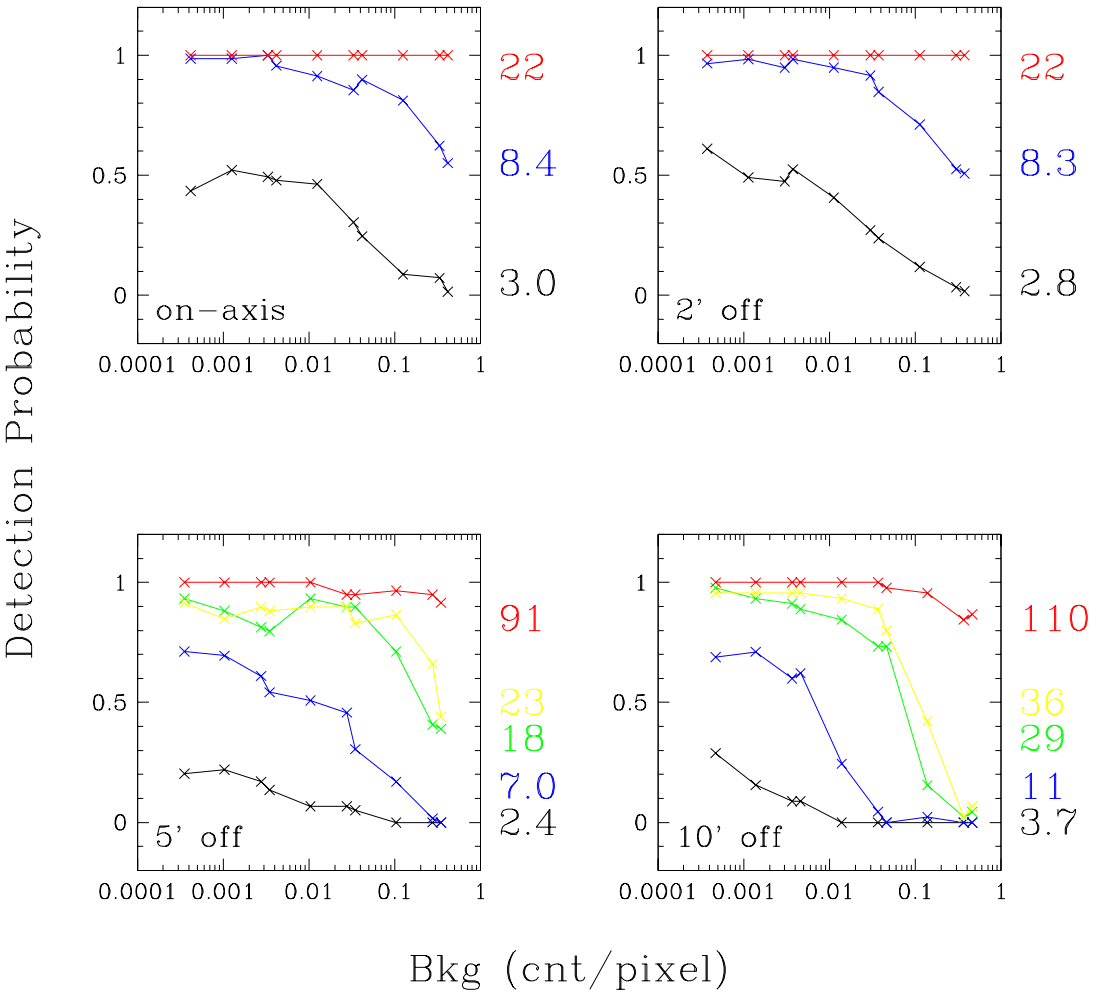


Figure 9: Detection probability as a function of background counts with various source counts (from a few to 100, indicated at the right side of figures) and off-axis distances: (a) on-axis, (b) 2' off-axis, (c) 5' off-axis and (d) 10' off-axis.

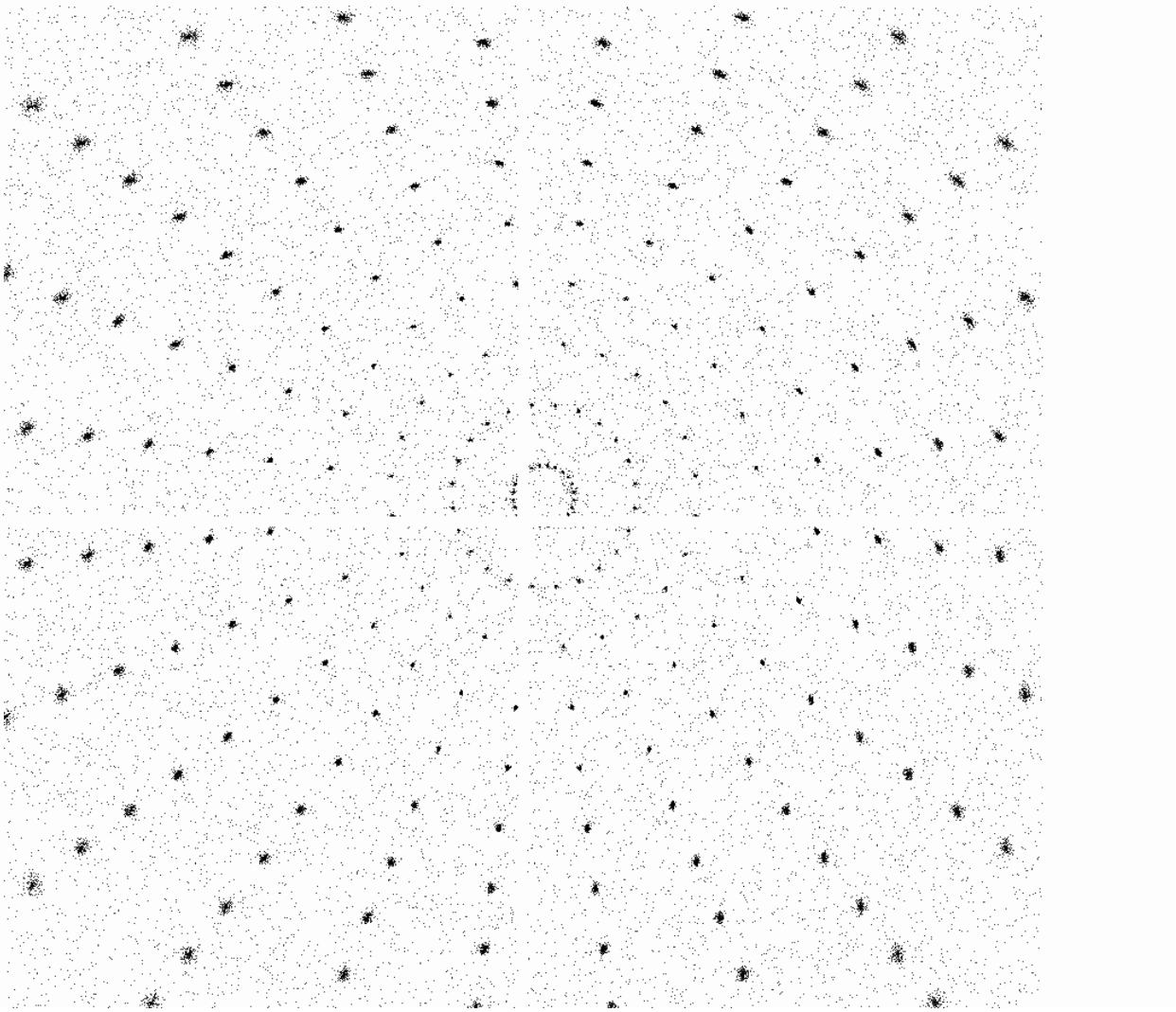


Figure 10: SAOSAC simulation of point sources at a wide range of off-axis angles in 4 ACIS-I chips. Each source has 1000 net input counts.

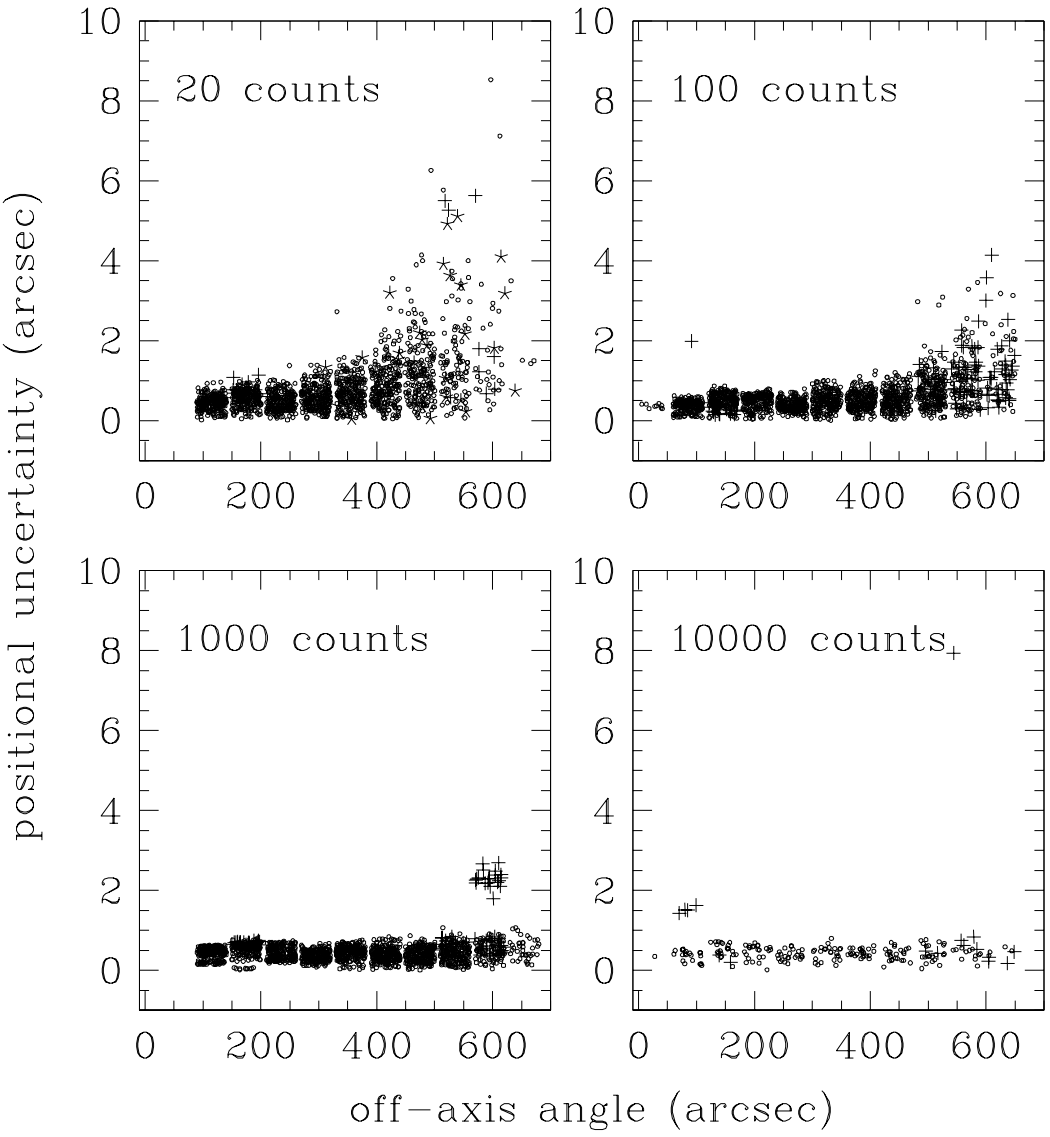


Figure 11: Wavdetect position errors measured with SAOSAC simulations. About 2000 sources are simulated each for 20, 100, 1000 counts (a-c), and about 200 sources for 10000 counts (d). Differences between estimated and expected positions are plotted against off-axis angle. Sources falling at the detector edges are subject to a large error and are denoted by +. For visibility, points are horizontally shifted by adding random numbers (up to 50 arcsec) to off-axis angles.

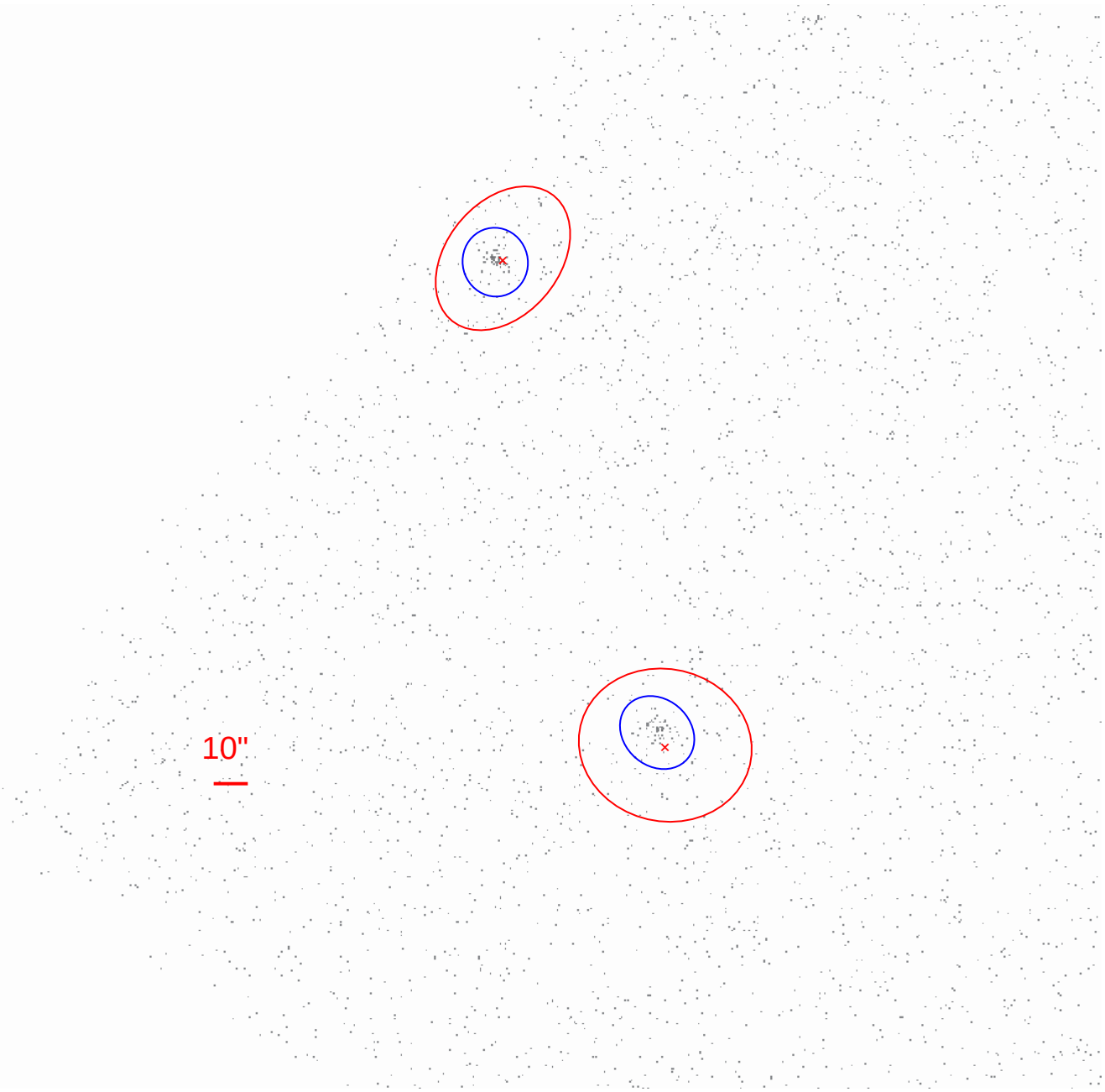


Figure 12: Two X-ray sources identified by wavdetect with relatively large position errors. The large ellipses are the source regions determined by wavdetect in CIAO 2.2. Note that the centers of two ellipses (marked by x) are off by 2-4" from the local peaks. The smaller ellipses indicate the revised source regions by the new algorithm described in section 5.

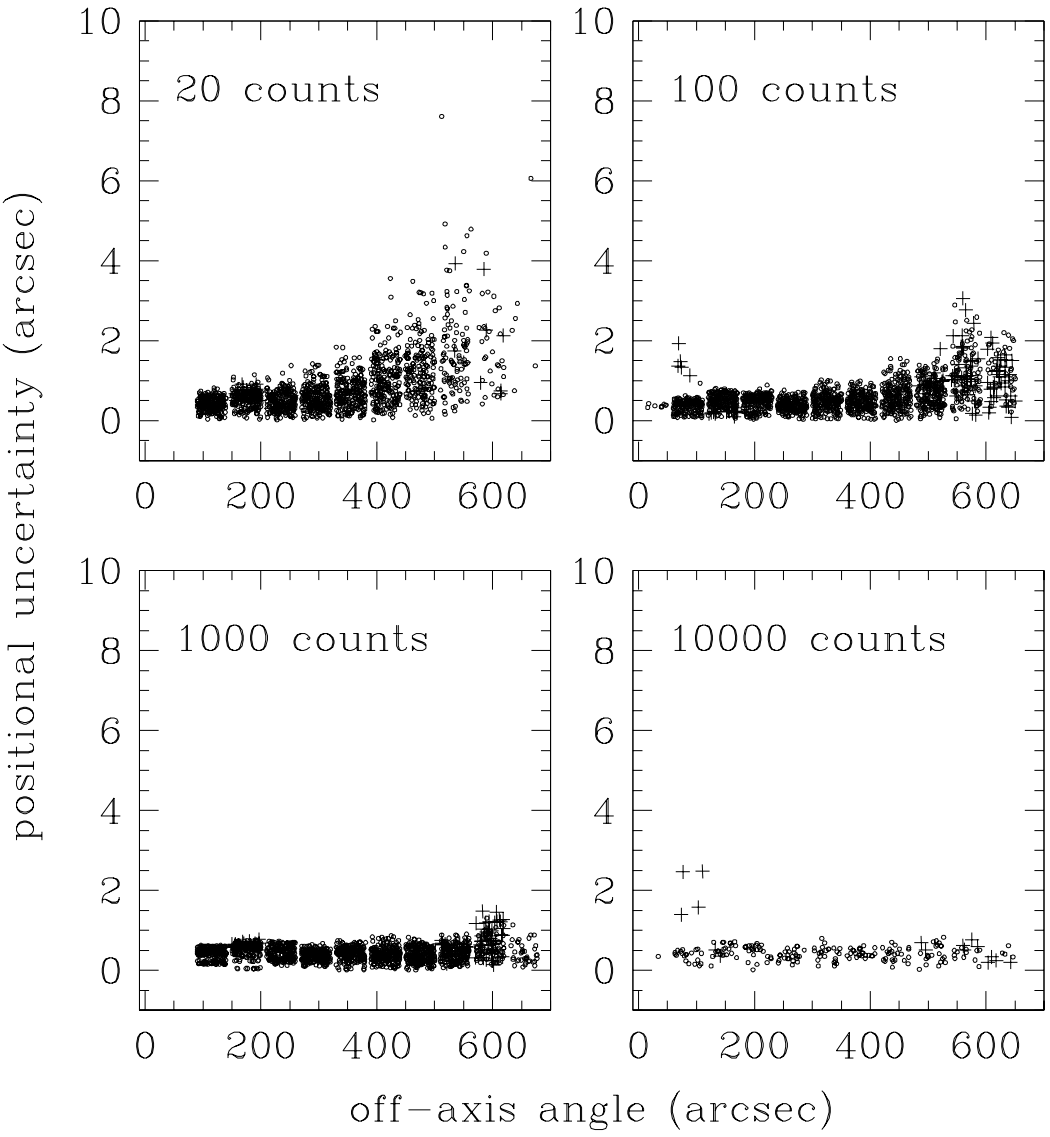


Figure 13: Same as Figure 11 after the position correction with a new wavdetect algorithm.

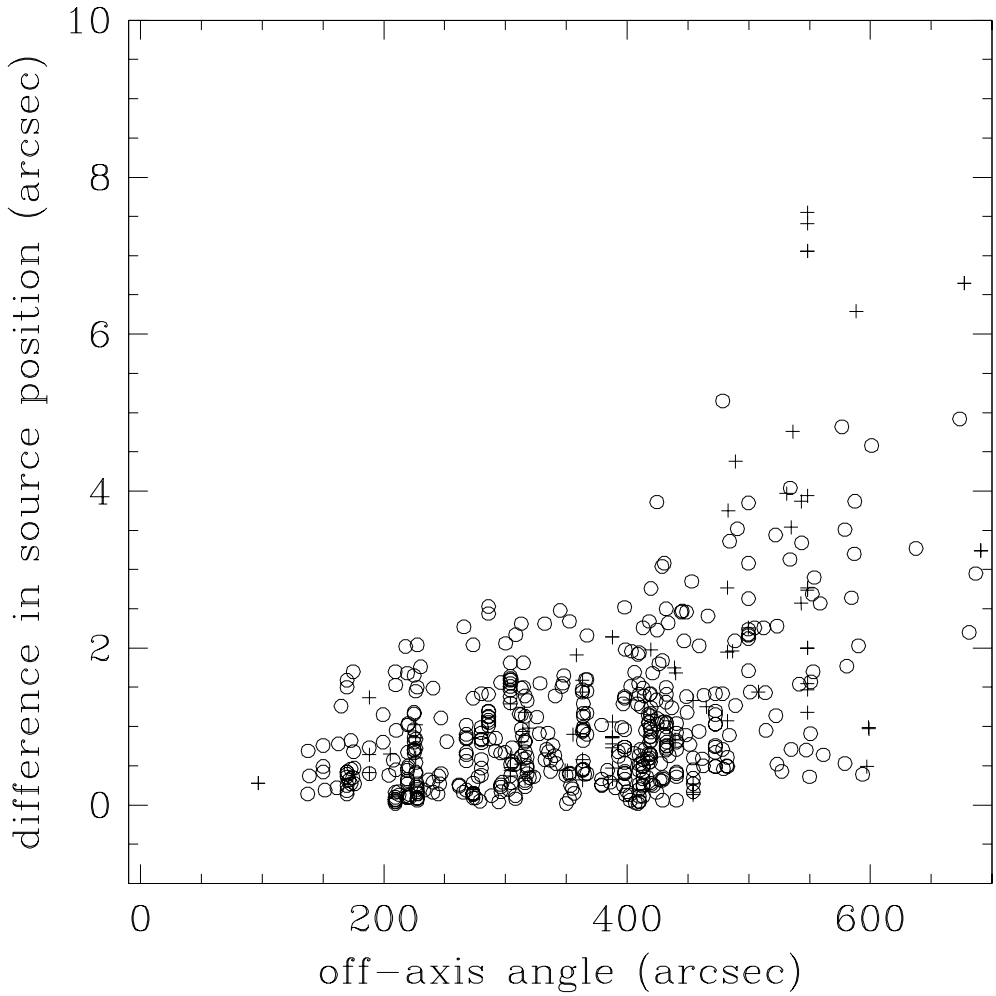


Figure 14: Position error measured in 10 observations of Chandra Deep Field-North. The position difference of the same source is plotted against off-axis angle for which we take the larger one in each pair. Sources which lie at the detector edges at least in one observation of the matching pair are denoted by +.

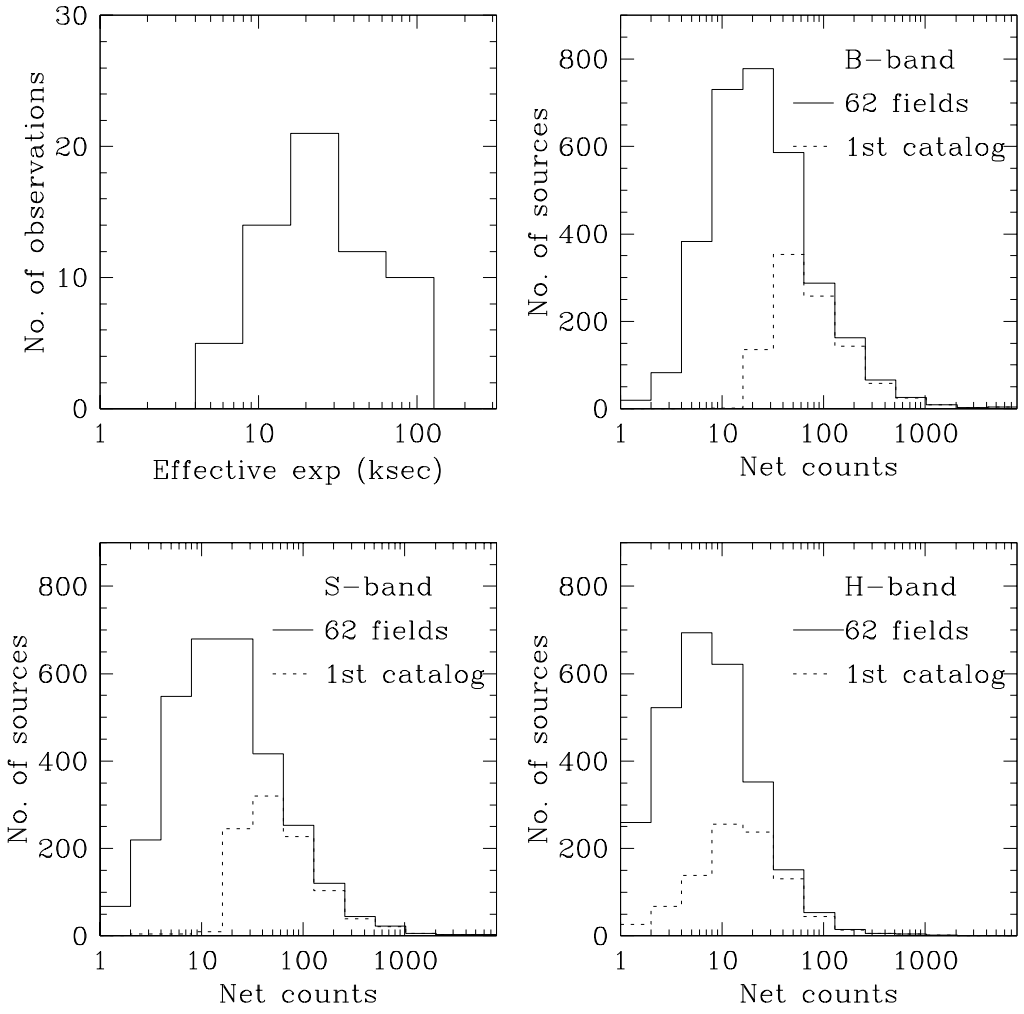


Figure 15: Distribution of exposure times and source counts in 3 energy bands. (a) Effective exposure time after correcting for the CCD dead time and background flares. (b-d) Net counts of 3177 sources obtained in 62 fields (solid histograms) and of 991 sources used in the 1st ChaMP catalog as described in Table 5 (dashed histogram).