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HARVARD & SMITHSONIAN

Chandra Source Catalog

Douglas Burke, Chandra X-ray Center

May 22, 2025

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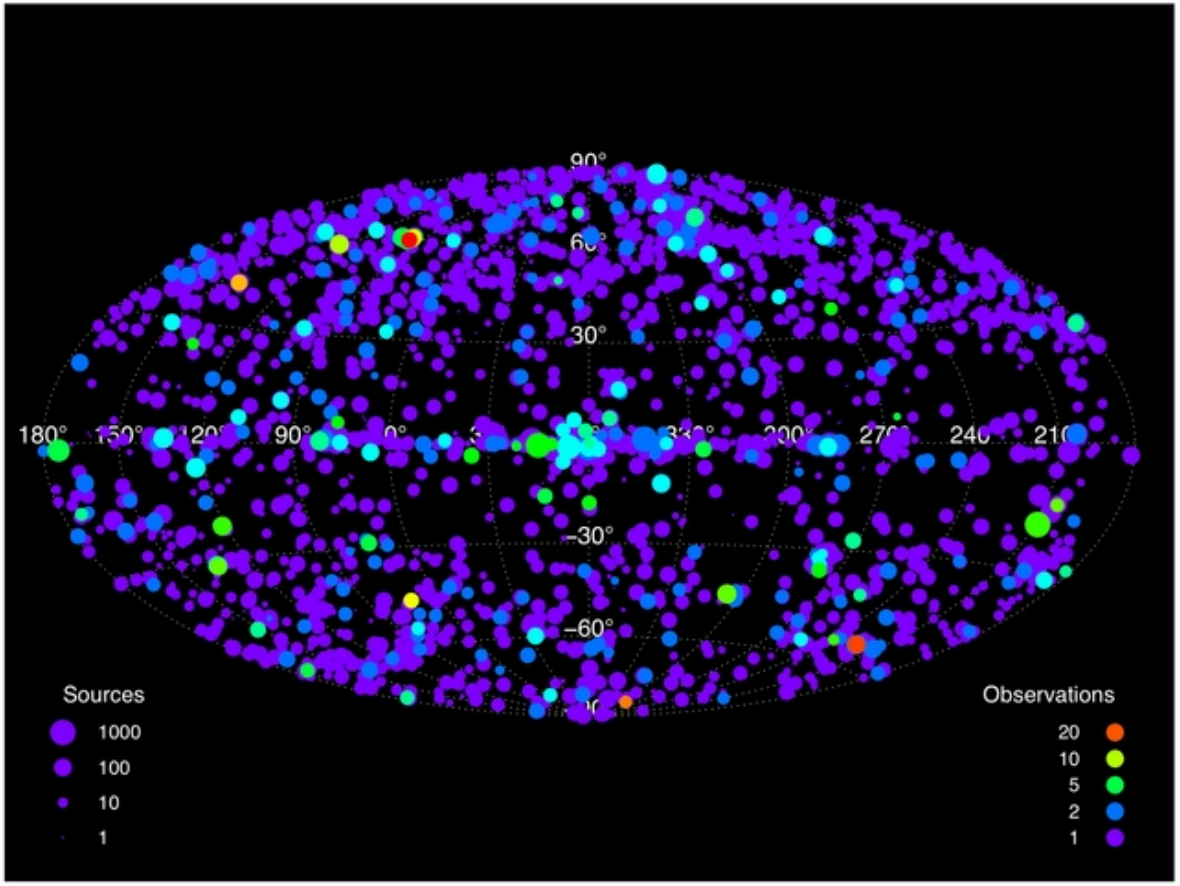
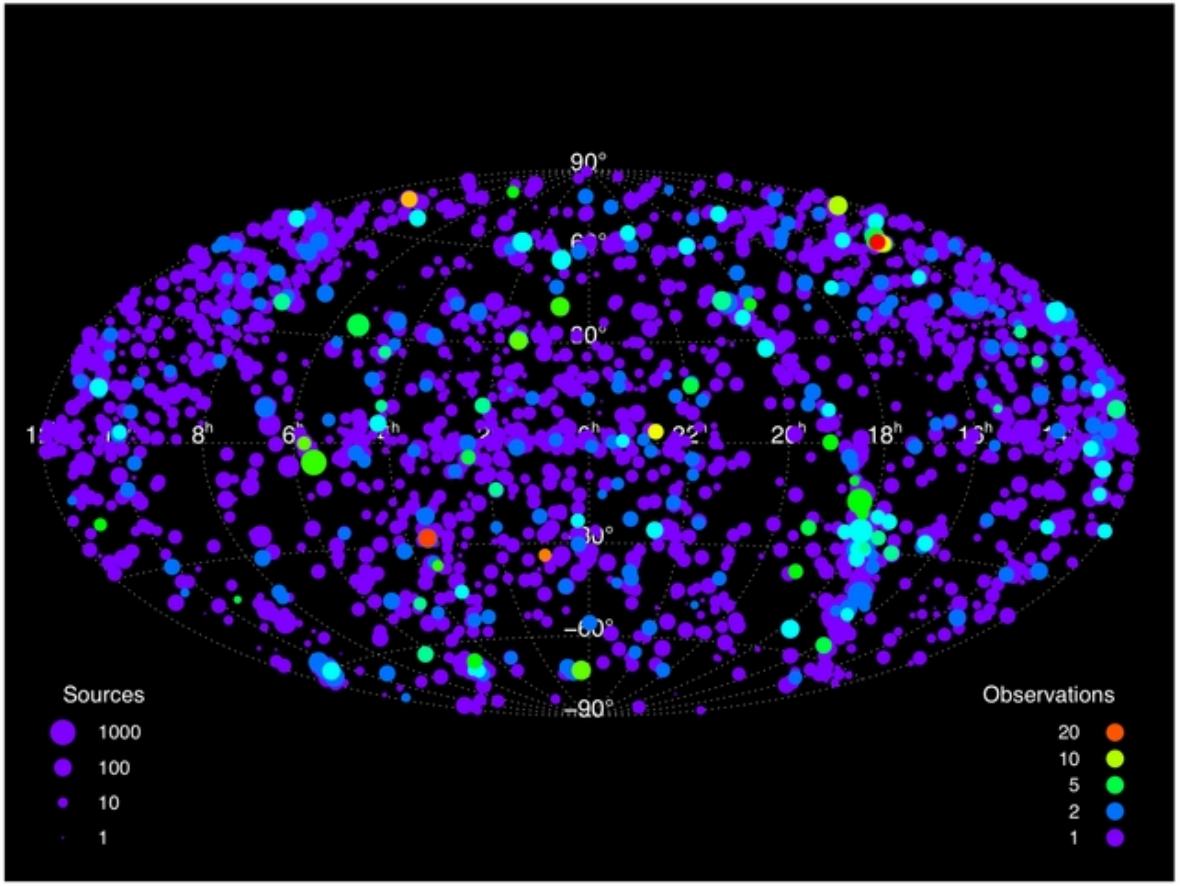
CSC 1.1

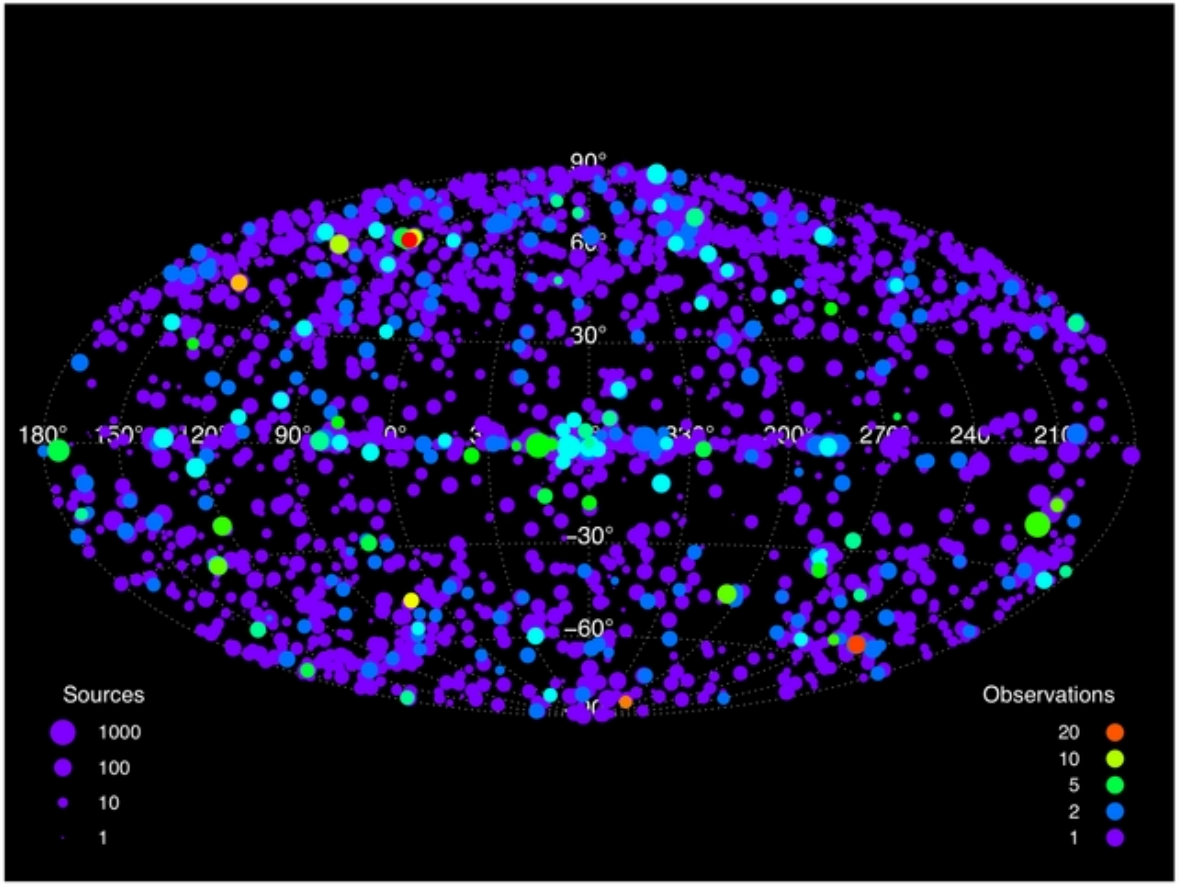


CSC 1.1

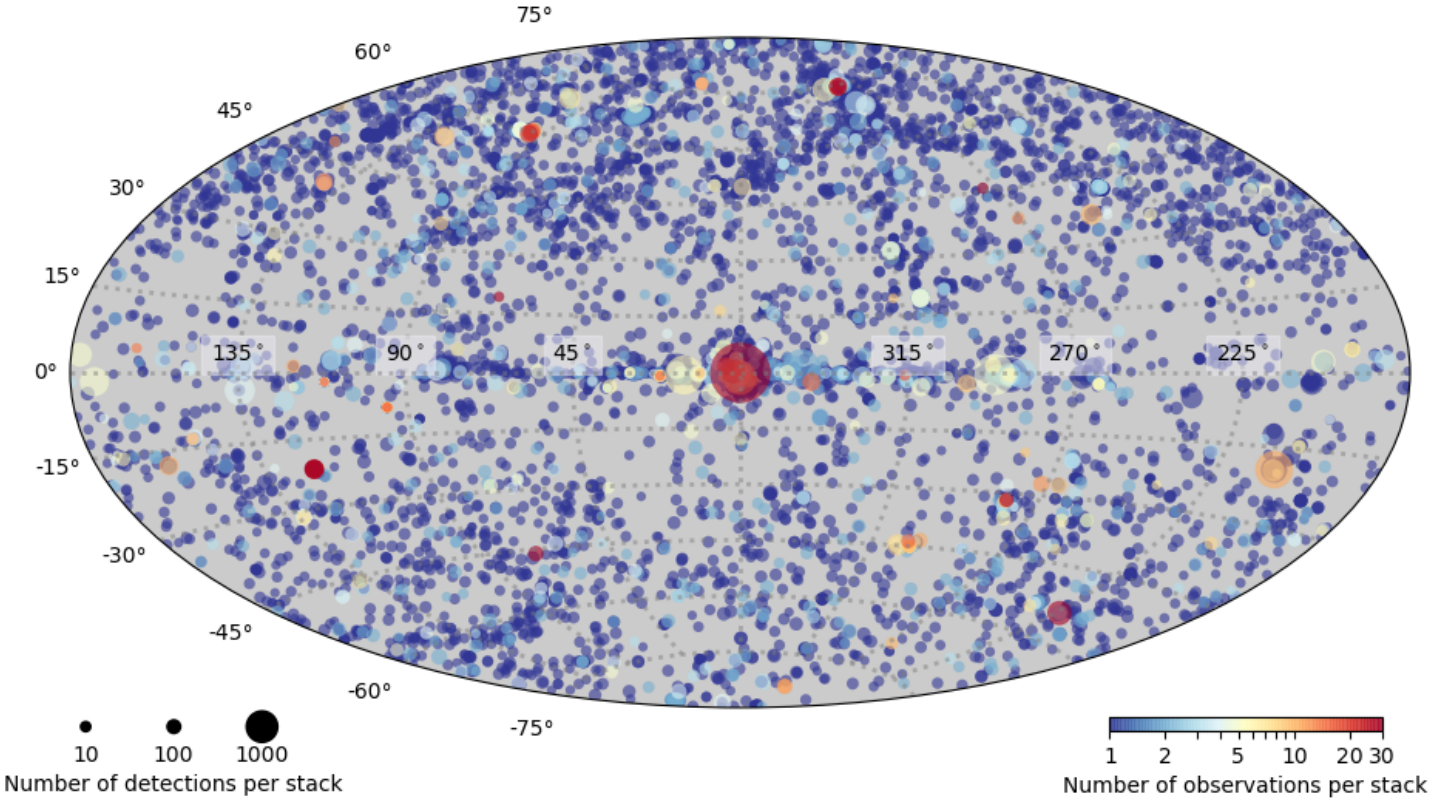


Equatorial coordinates

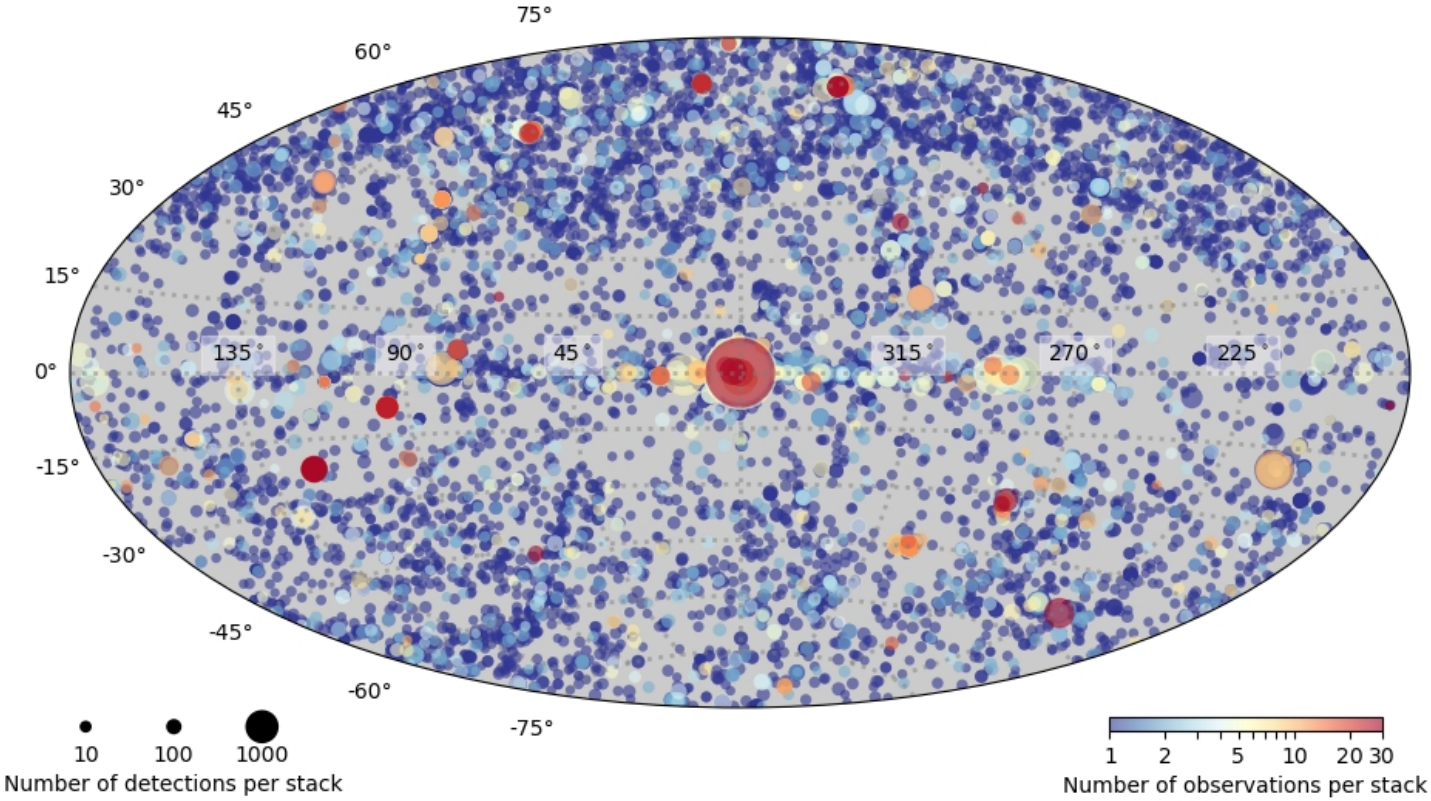
CSC 1.1



CSC 2.0


75°
60°
45°
30°
15°
0°
-15°
-30°
-45°
-60°
-75°
135°
90°
45°
315°
270°
225°
10
100
1000
Number of detections per stack
1
2
5
10
20
30
Number of observations per stack

CSC 2.1


75°
60°
45°
30°
15°
0°
-15°
-30°
-45°
-60°
-75°
135°
90°
45°
315°
270°
225°
10
100
1000
Number of detections per stack
1
2
5
10
20
30
Number of observations per stack

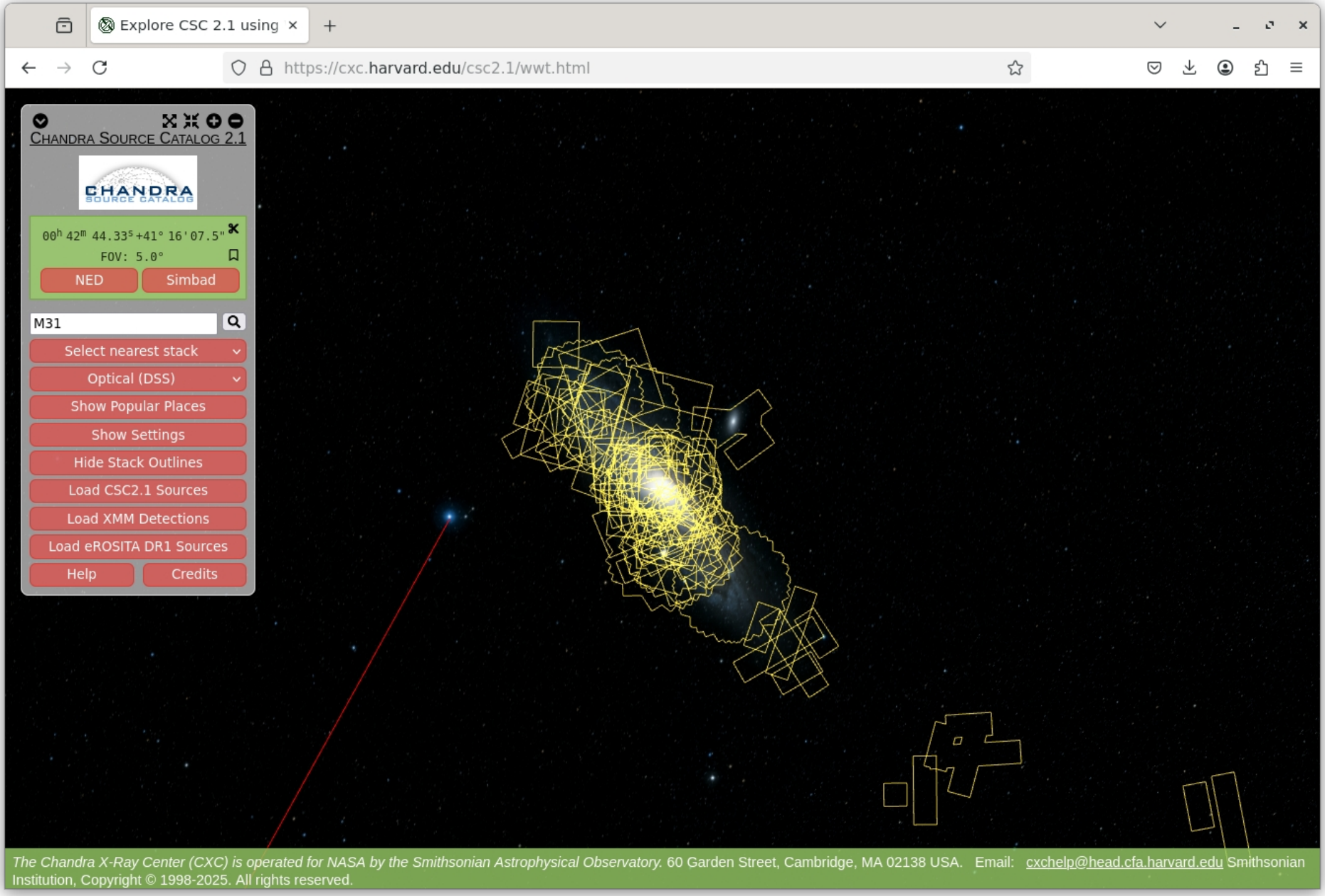
CSC 2.1

- ✔Data up to the end of 2021.
- ✔407,806 sources.
- ✔1.3 million detections.
- ✔~2% of the sky (730 square degrees).
- ✔Tabular data (source properties).
- ✔Data products (images, spectra, light curves, ...).

CSC 2.1

✔Data up to the end of 2021.
✔407,806 sources.
✔1.3 million detections.
✔~2% of the sky (730 square degrees).
✔Tabular data (source properties).
✔Data products (images, spectra, light curves, ...).

✗ No grating data (see Mel's talk), no "funky" data, must be released to the public.


Explore CSC 2.1 using
https://cxc.harvard.edu/csc2.1/wwt.html
CHANDRA SOURCE CATALOG 2.1
CHANDRA SOURCE CATALOG
00h 42m 44.33s +41° 16' 07.5"
FOV: 5.0°
NED
Simbad
M31
Select nearest stack
Optical (DSS)
Show Popular Places
Show Settings
Hide Stack Outlines
Load CSC2.1 Sources
Load XMM Detections
Load eROSITA DR1 Sources
Help
Credits
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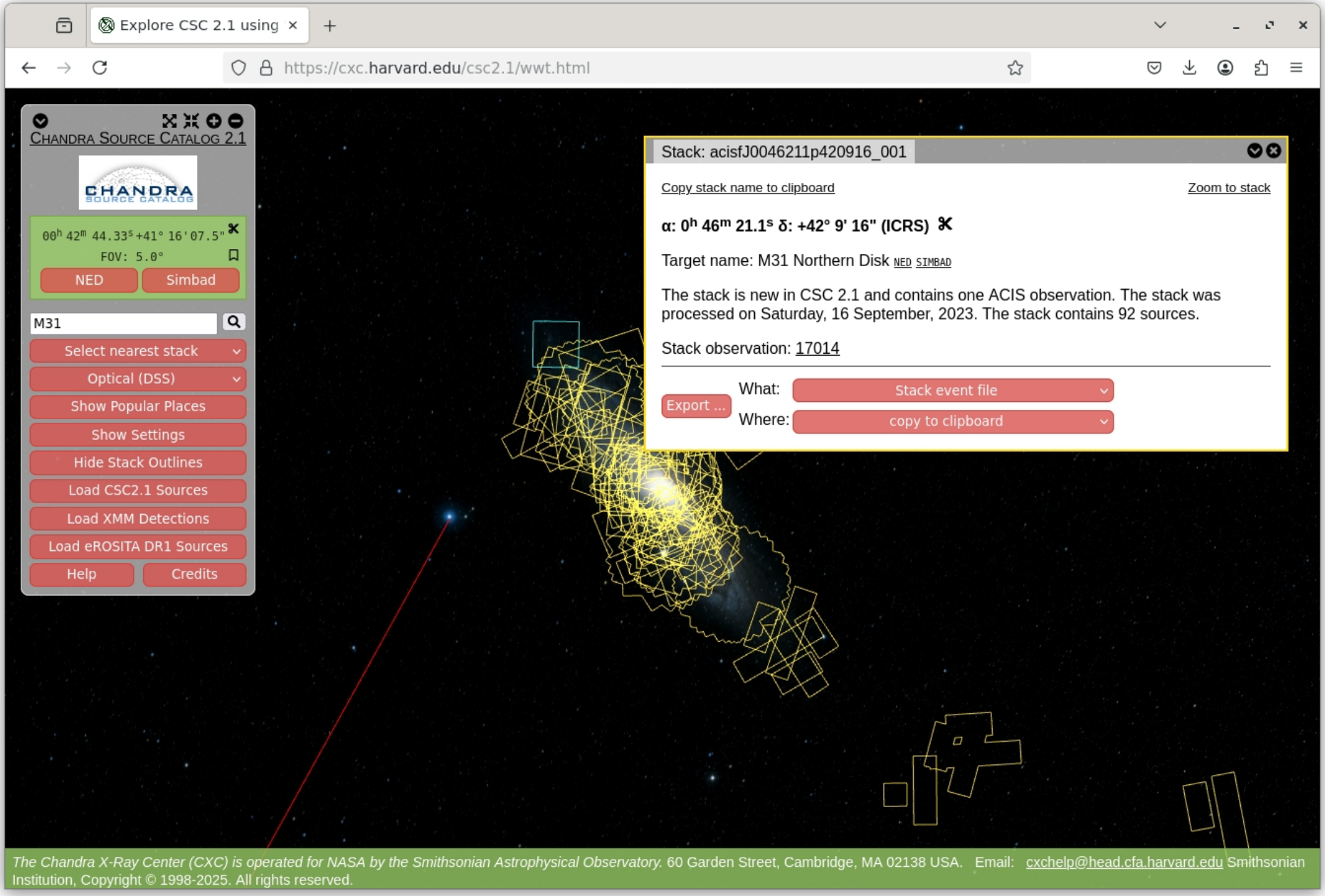
Explore CSC 2.1 using
https://cxc.harvard.edu/csc2.1/wwt.html
Chandra Source Catalog 2.1
CHANDRA SOURCE CATALOG
00h 42m 44.33s +41° 16' 07.5"
FOV: 5.0°
NED
Simbad
M31
Select nearest stack
Optical (DSS)
Show Popular Places
Show Settings
Hide Stack Outlines
Load CSC2.1 Sources
Load XMM Detections
Load eROSITA DR1 Sources
Help
Credits
Stack: acisfJ0046211p420916_001
Copy stack name to clipboard
Zoom to stack
α: 0h 46m 21.1s δ: +42° 9' 16" (ICRS)
Target name: M31 Northern Disk NED SIMBAD
The stack is new in CSC 2.1 and contains one ACIS observation. The stack was processed on Saturday, 16 September, 2023. The stack contains 92 sources.
Stack observation: 17014
Export ...
What: Stack event file
Where: copy to clipboard
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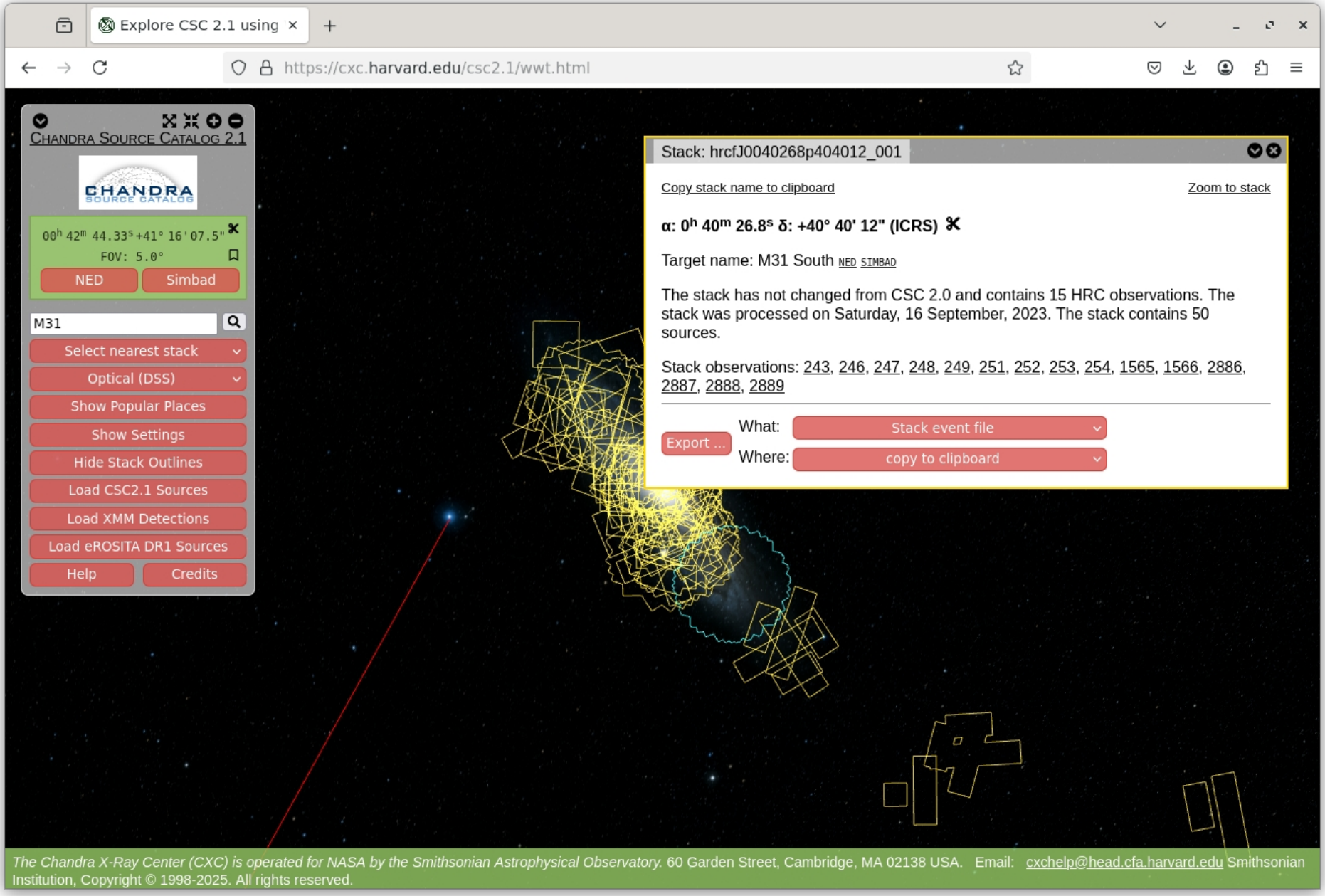
Explore CSC 2.1 using
https://cxc.harvard.edu/csc2.1/wwt.html
Chandra Source Catalog 2.1
CHANDRA SOURCE CATALOG
00h 42m 44.33s +41° 16' 07.5"
FOV: 5.0°
NED
Simbad
M31
Select nearest stack
Optical (DSS)
Show Popular Places
Show Settings
Hide Stack Outlines
Load CSC2.1 Sources
Load XMM Detections
Load eROSITA DR1 Sources
Help
Credits
Stack: hrcfJ0040268p404012_001
Copy stack name to clipboard
Zoom to stack
α: 0h 40m 26.8s δ: +40° 40' 12" (ICRS)
Target name: M31 South NED SIMBAD
The stack has not changed from CSC 2.0 and contains 15 HRC observations. The stack was processed on Saturday, 16 September, 2023. The stack contains 50 sources.
Stack observations: 243, 246, 247, 248, 249, 251, 252, 253, 254, 1565, 1566, 2886, 2887, 2888, 2889
Export ...
What:
Stack event file
Where:
copy to clipboard
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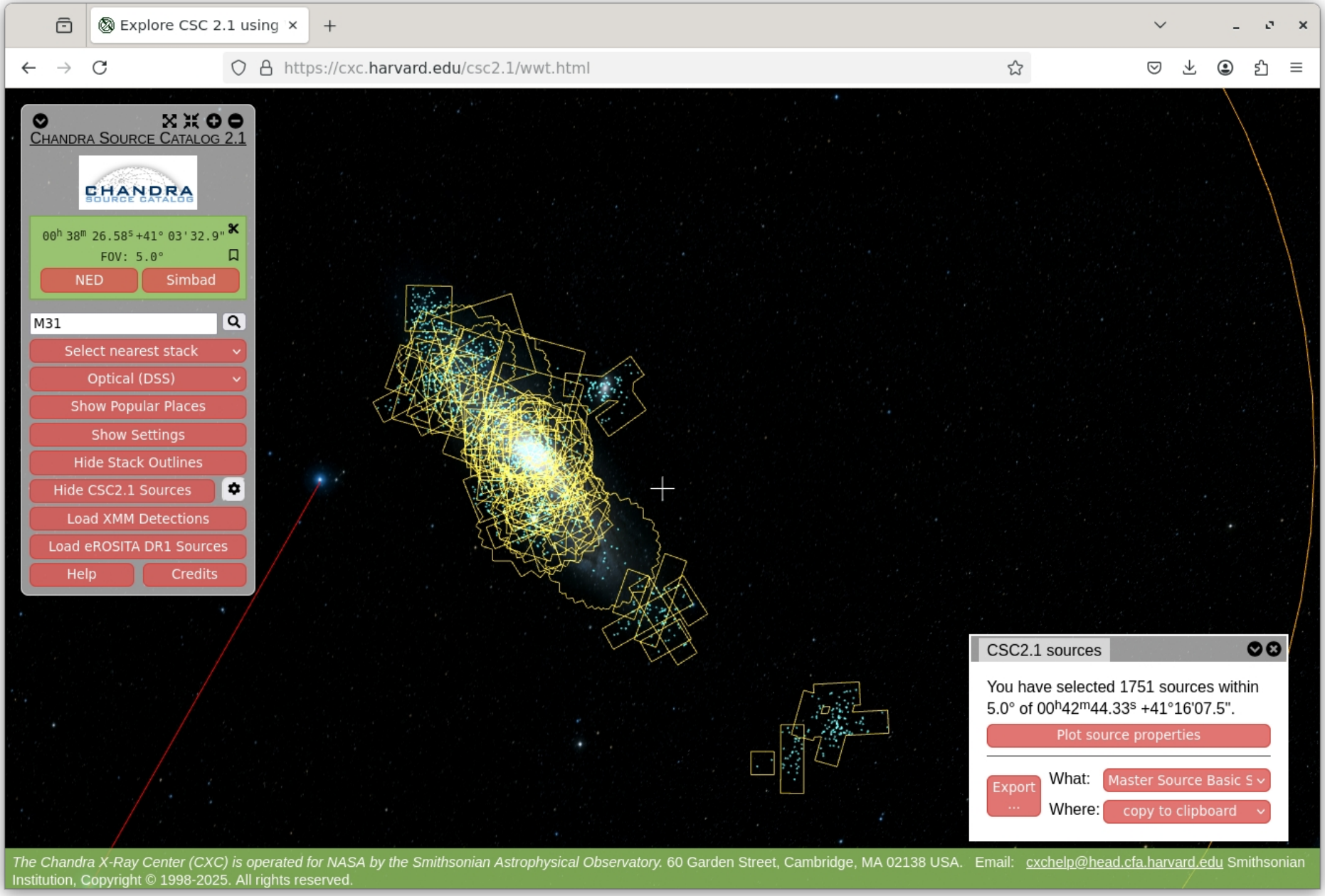
Explore CSC 2.1 using
https://cxc.harvard.edu/csc2.1/wwt.html
CHANDRA SOURCE CATALOG 2.1
CHANDRA SOURCE CATALOG
00h 38m 26.58s +41° 03' 32.9"
FOV: 5.0°
NED
Simbad
M31
Select nearest stack
Optical (DSS)
Show Popular Places
Show Settings
Hide Stack Outlines
Hide CSC2.1 Sources
Load XMM Detections
Load eROSITA DR1 Sources
Help
Credits
CSC2.1 sources
You have selected 1751 sources within 5.0° of 00h42m44.33s +41°16'07.5".
Plot source properties
Export ...
What:
Master Source Basic S
Where:
copy to clipboard
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Explore CSC 2.1 using

https://cxc.harvard.edu/csc2.1/wwt.html

CHANDRA SOURCE CATALOG 2.1

00h 38m 26.58s +41° 03' 32.9"

FOV: 5.0°

NED | Simbad

M31

Select nearest stack

Optical (DSS)

Show Popular Places

Show Settings

Hide Stack Outlines

Hide CSC2.1 Sources

Load XMM Detections

Load eROSITA DR1 Sources

Help | Credits

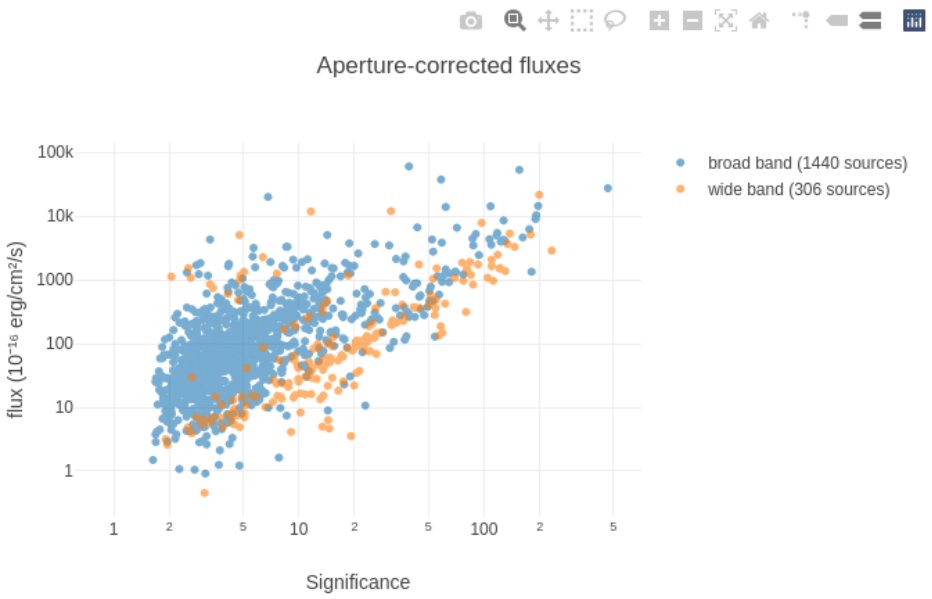
Overview of the selected CSC 2.1 sources

Note that no error ranges are included in these visualizations. For a more-detailed analysis try sending the data to TOPCAT, SAOImageDS9, or other Virtual Observatory application, since this provides more columns from the catalog, or use CSCView to search the CSC 2.1 database.

Select plot type: Flux vs Significance | Positional errors | Hardness Ratios | Number of observations

This plot shows the aperture-corrected fluxes for the sources as a function of source significance. The fluxes are model independent - that is they do not assume a specfic input spectrum - and are for either the broad or wide bands. The fluxes are taken from the "longest block" of data using a flux-ordered Bayesian Block analysis, and the significance is the highest value measured across all the observations and source bands used in the catalog.

The plots use the following master-source columns: `significance`, `flux_aper_b`, and `flux_aper_w`.



ces

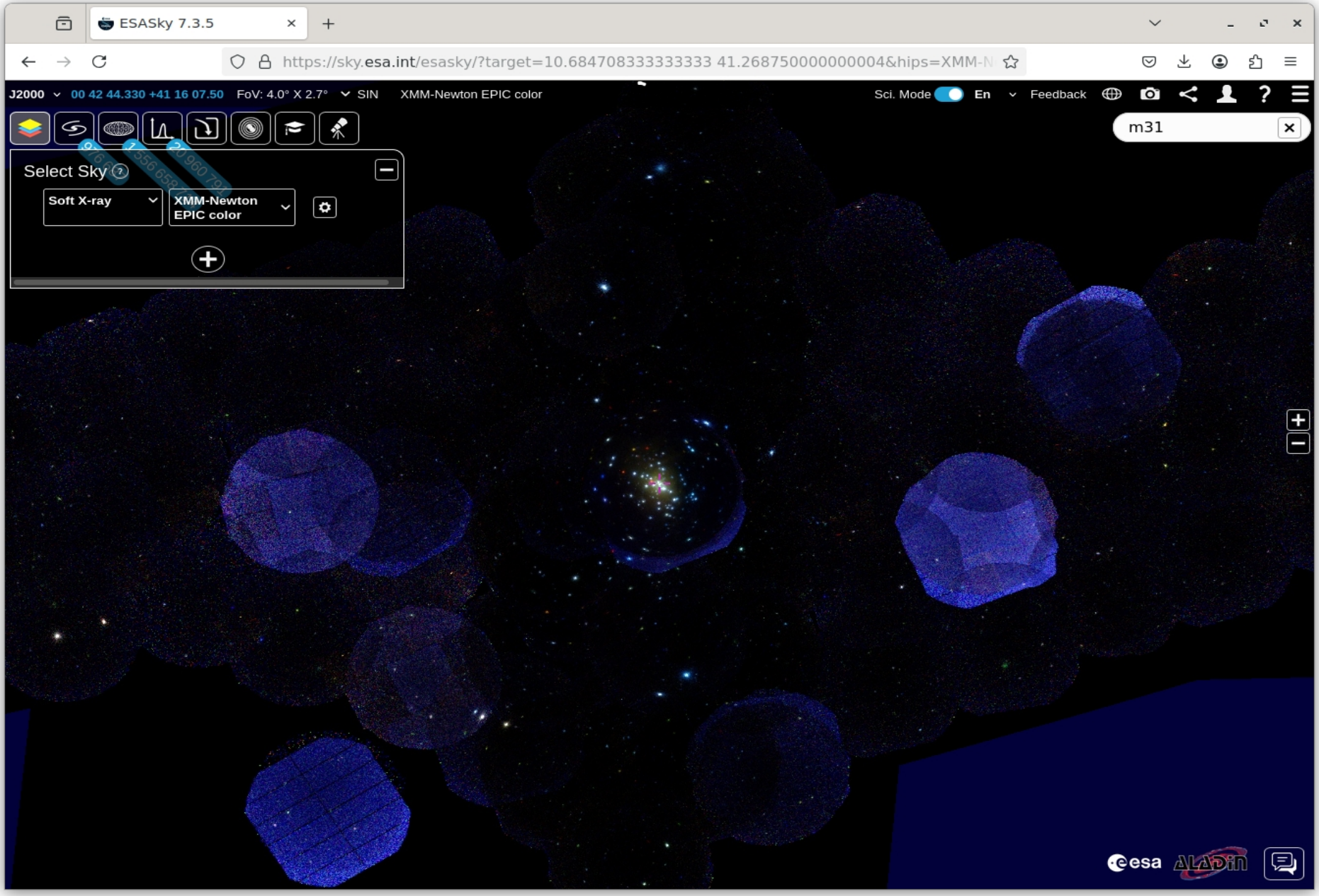
ected 1751 sources within
m44.33s +41°16'07.5".

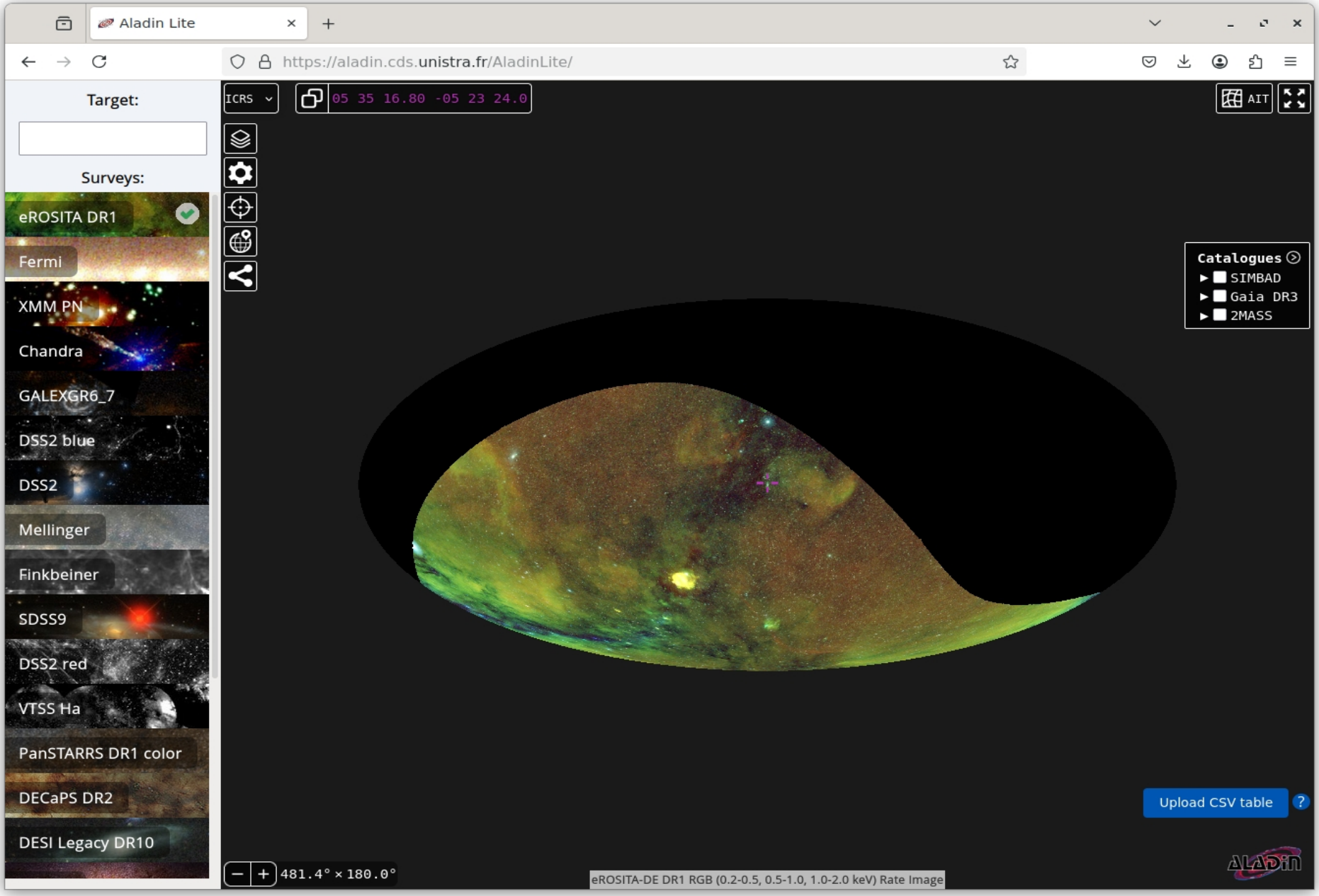
t source properties

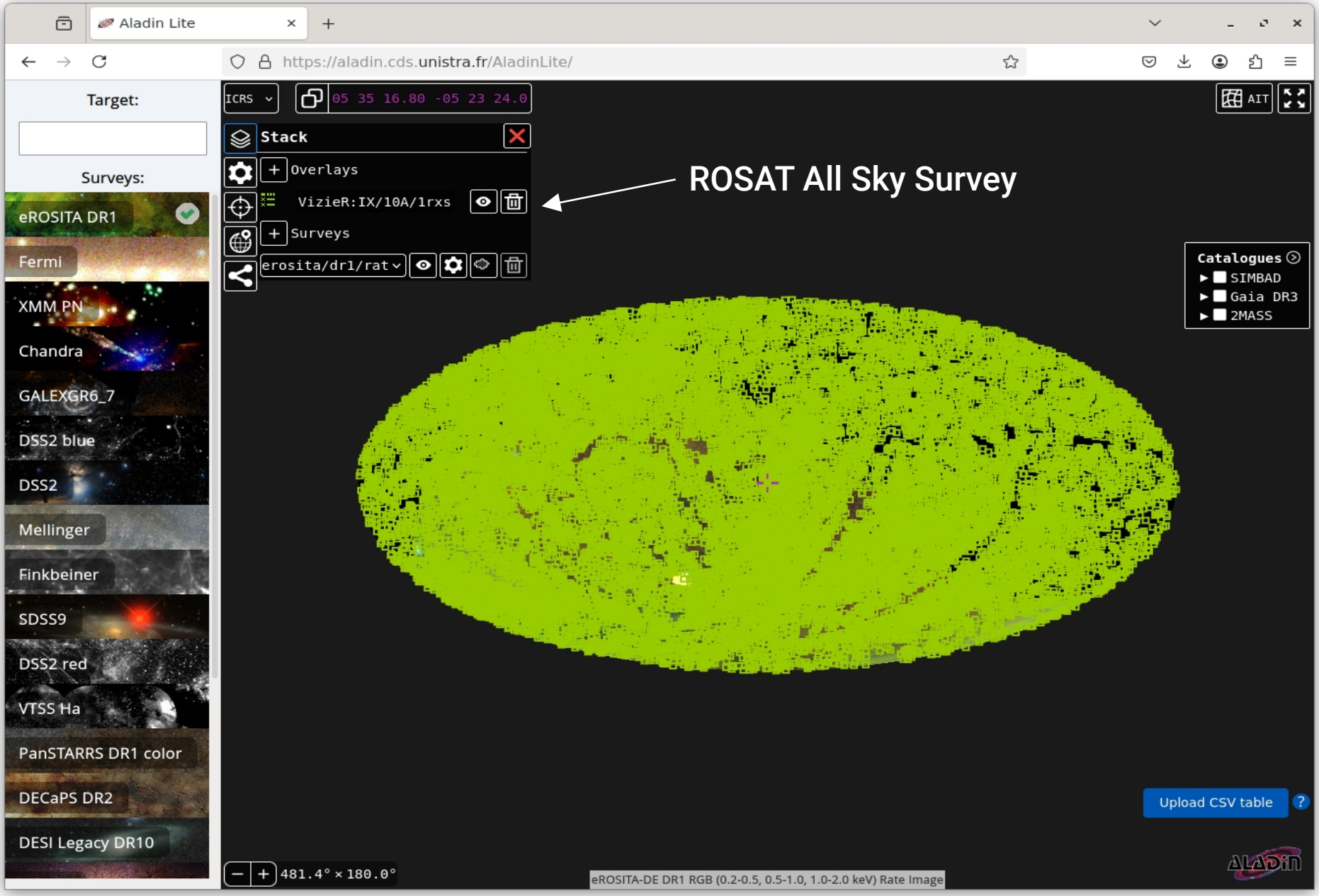
at: Master Source Basic S

ere: copy to clipboard

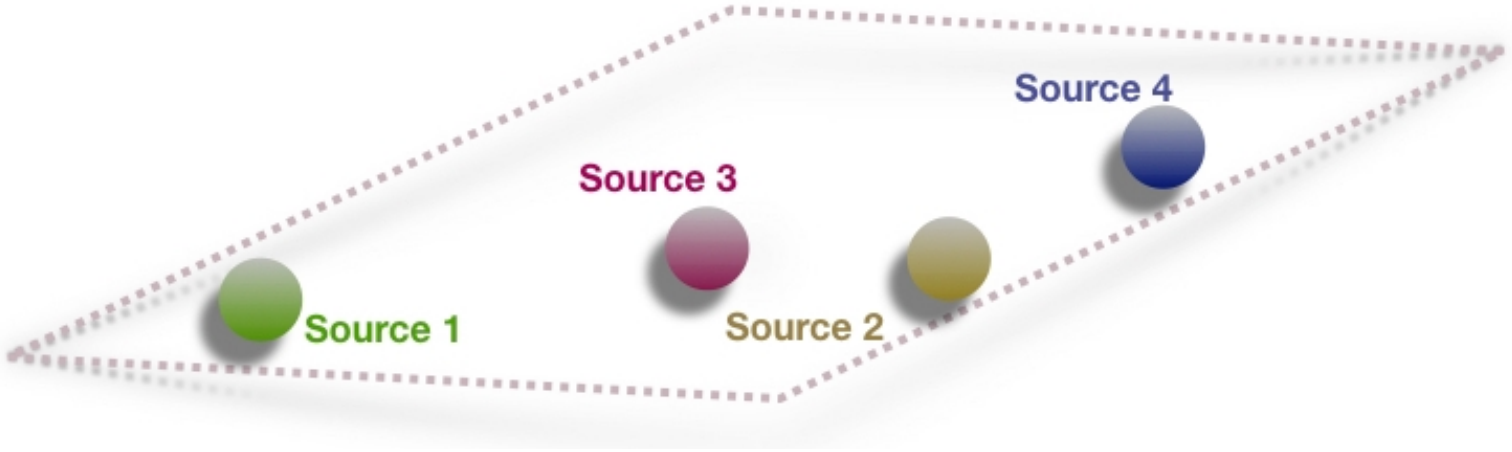
@head.cfa.harvard.edu Smithsonian


ESASky 7.3.5
https://sky.esa.int/esasky/?target=10.684708333333333 41.268750000000004&hips=XMM-N
J2000 00 42 44.330 +41 16 07.50 FoV: 4.0° X 2.7° SIN XMM-Newton EPIC color
Sci. Mode En Feedback
m31
Select Sky
Soft X-ray
XMM-Newton EPIC color
esa
ALADIN

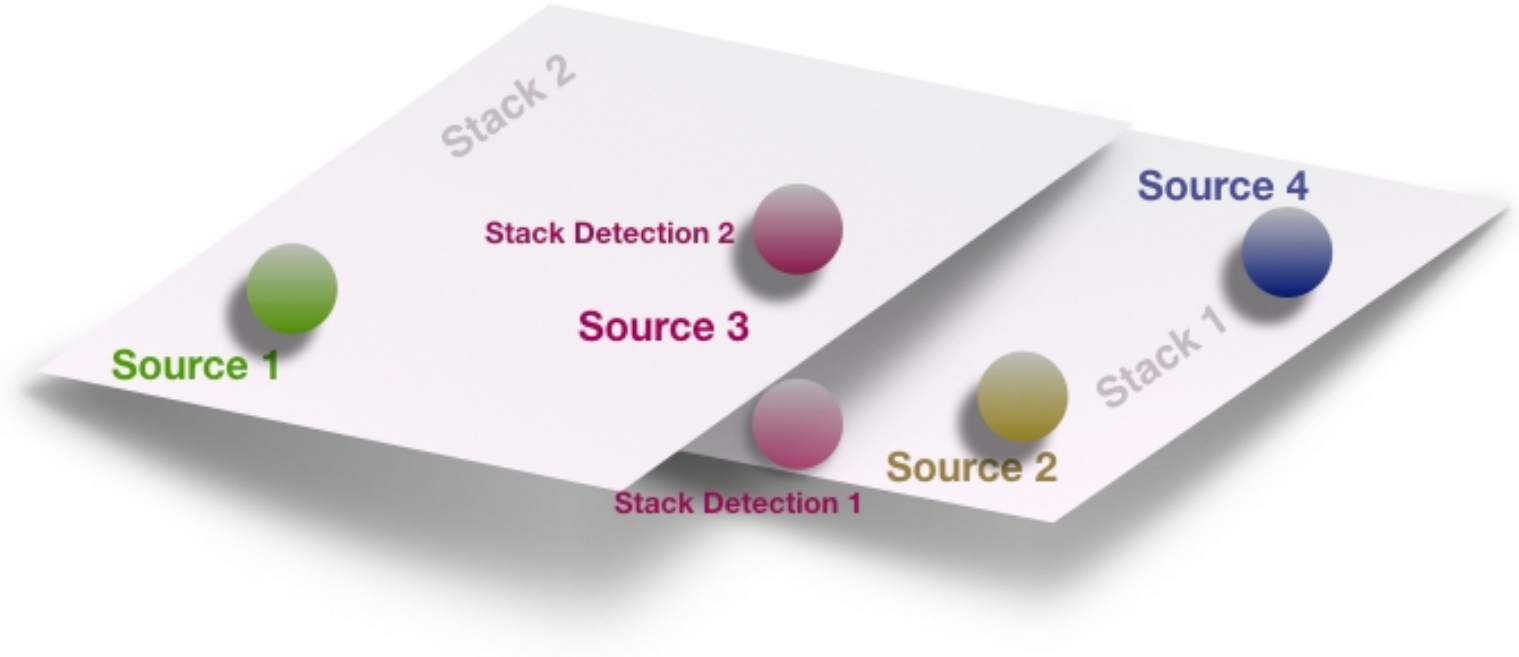

Aladin Lite
https://aladin.cds.unistra.fr/AladinLite/
Target:
Surveys:
eROSITA DR1
Fermi
XMM PN
Chandra
GALEXGR6_7
DSS2 blue
DSS2
Mellinger
Finkbeiner
SDSS9
DSS2 red
VTSS Ha
PanSTARRS DR1 color
DECaPS DR2
DESI Legacy DR10
ICRS
05 35 16.80 -05 23 24.0
AIT
Catalogues
SIMBAD
Gaia DR3
2MASS
Upload CSV table
481.4° × 180.0°
eROSITA-DE DR1 RGB (0.2-0.5, 0.5-1.0, 1.0-2.0 keV) Rate Image


Aladin Lite
https://aladin.cds.unistra.fr/AladinLite/
Target:
Surveys:
eROSITA DR1
Fermi
XMM PN
Chandra
GALEXGR6_7
DSS2 blue
DSS2
Mellinger
Finkbeiner
SDSS9
DSS2 red
VTSS Ha
PanSTARRS DR1 color
DECaPS DR2
DESI Legacy DR10
ICRS
05 35 16.80 -05 23 24.0
AIT
Stack
Overlays
VizieR:IX/10A/1rxs
Surveys
erosita/dr1/rat
ROSAT All Sky Survey
Catalogues
SIMBAD
Gaia DR3
2MASS
Upload CSV table
481.4° × 180.0°
eROSITA-DE DR1 RGB (0.2-0.5, 0.5-1.0, 1.0-2.0 keV) Rate Image

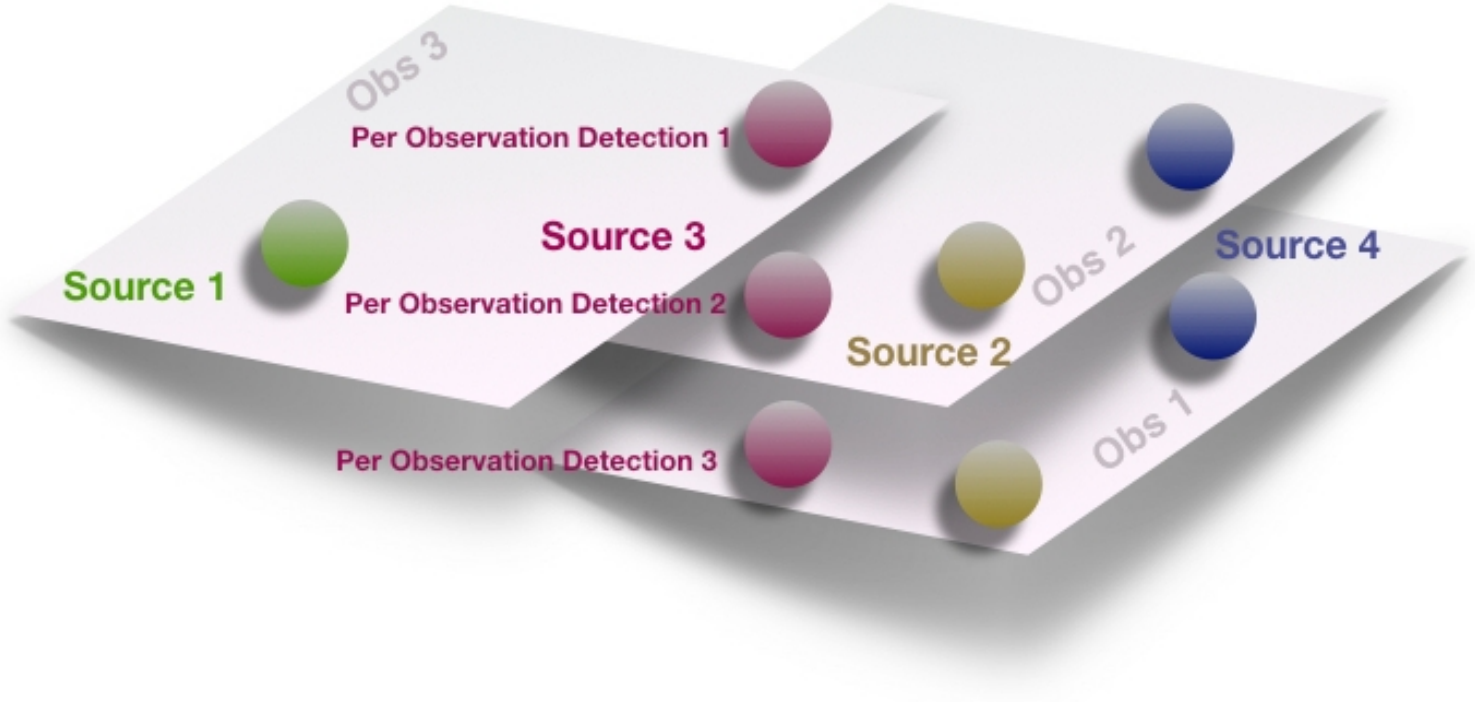
What is a thing?



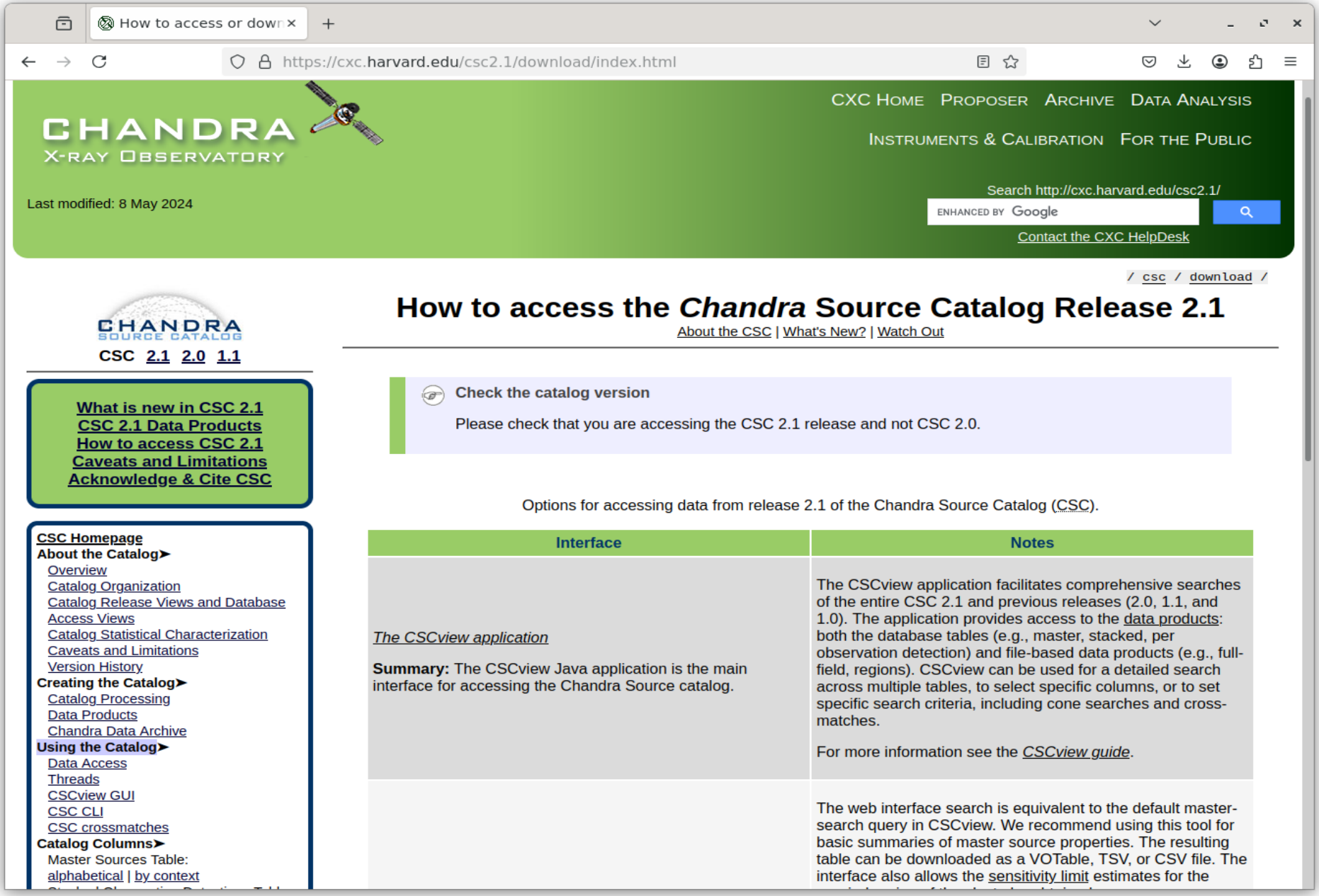
Master Source


Stack 2
Stack Detection 2
Source 3
Source 1
Source 4
Stack 1
Source 2
Stack Detection 1

Stack Level



Observation Level


How to access or down
https://cxc.harvard.edu/csc2.1/download/index.html
CHANDRA
X-RAY OBSERVATORY
CXC HOME PROPOSER ARCHIVE DATA ANALYSIS
INSTRUMENTS & CALIBRATION FOR THE PUBLIC
Last modified: 8 May 2024
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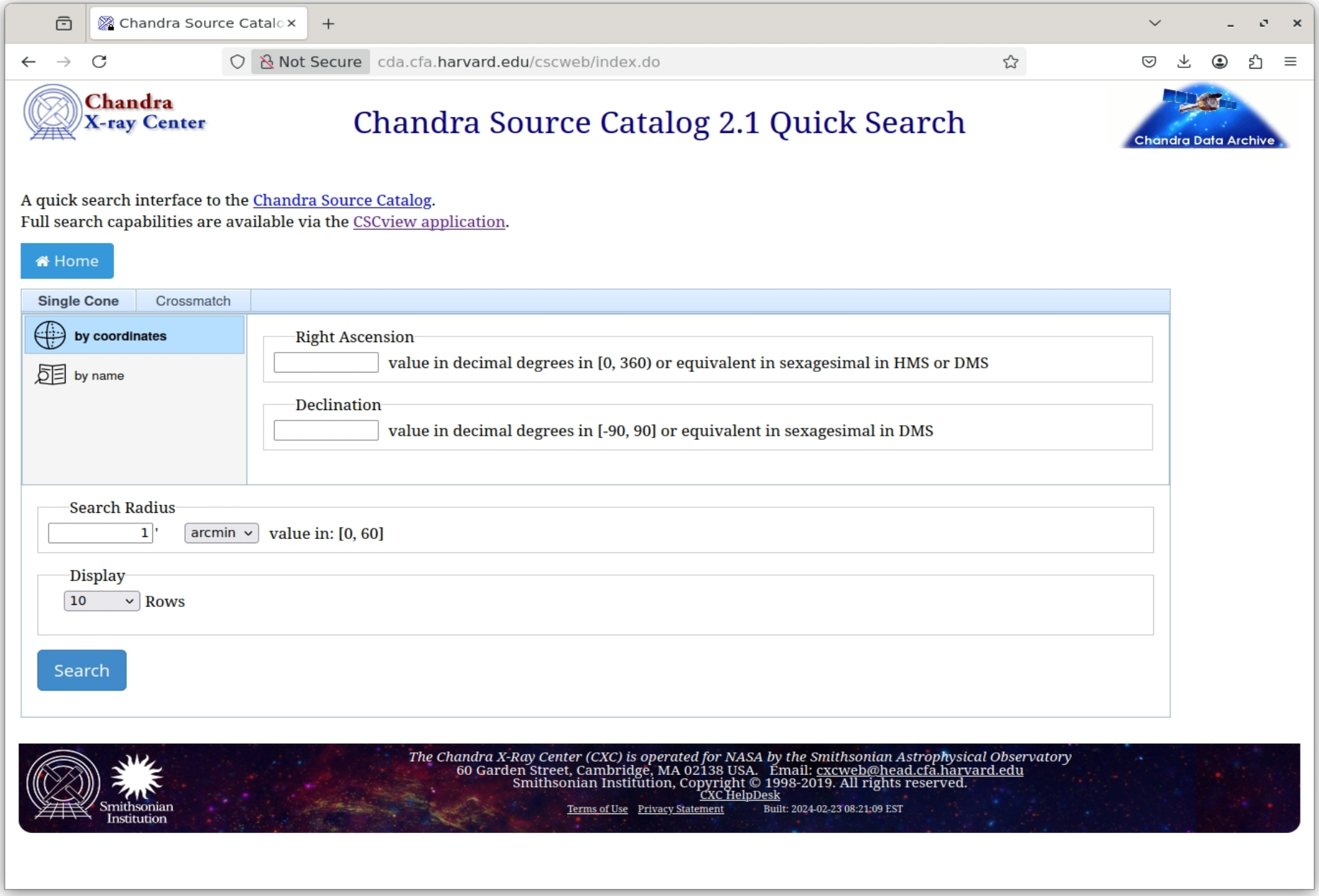
CHANDRA SOURCE CATALOG
CSC 2.1 2.0 1.1
What is new in CSC 2.1
CSC 2.1 Data Products
How to access CSC 2.1
Caveats and Limitations
Acknowledge & Cite CSC
CSC Homepage
About the Catalog➤
Overview
Catalog Organization
Catalog Release Views and Database
Access Views
Catalog Statistical Characterization
Caveats and Limitations
Version History
Creating the Catalog➤
Catalog Processing
Data Products
Chandra Data Archive
Using the Catalog➤
Data Access
Threads
CSCview GUI
CSC CLI
CSC crossmatches
Catalog Columns➤
Master Sources Table:
alphabetical | by context
How to access the Chandra Source Catalog Release 2.1
About the CSC | What's New? | Watch Out
Check the catalog version
Please check that you are accessing the CSC 2.1 release and not CSC 2.0.
Options for accessing data from release 2.1 of the Chandra Source Catalog (CSC).
Interface
Notes
The CSCview application facilitates comprehensive searches of the entire CSC 2.1 and previous releases (2.0, 1.1, and 1.0). The application provides access to the data products: both the database tables (e.g., master, stacked, per observation detection) and file-based data products (e.g., full-field, regions). CSCview can be used for a detailed search across multiple tables, to select specific columns, or to set specific search criteria, including cone searches and cross-matches.
The CSCview Java application is the main interface for accessing the Chandra Source catalog.
For more information see the CSCview guide.
The web interface search is equivalent to the default master-search query in CSCview. We recommend using this tool for basic summaries of master source properties. The resulting table can be downloaded as a VOTable, TSV, or CSV file. The interface also allows the sensitivity limit estimates for the


Chandra Source Catalo
Not Secure
cda.cfa.harvard.edu/cscweb/index.do
Chandra X-ray Center
Chandra Source Catalog 2.1 Quick Search
Chandra Data Archive
A quick search interface to the Chandra Source Catalog.
Full search capabilities are available via the CSCview application.
Home
Single Cone
Crossmatch
by coordinates
by name
Right Ascension
value in decimal degrees in [0, 360) or equivalent in sexagesimal in HMS or DMS
Declination
value in decimal degrees in [-90, 90] or equivalent in sexagesimal in DMS
Search Radius
1
arcmin
value in: [0, 60]
Display
10
Rows
Search
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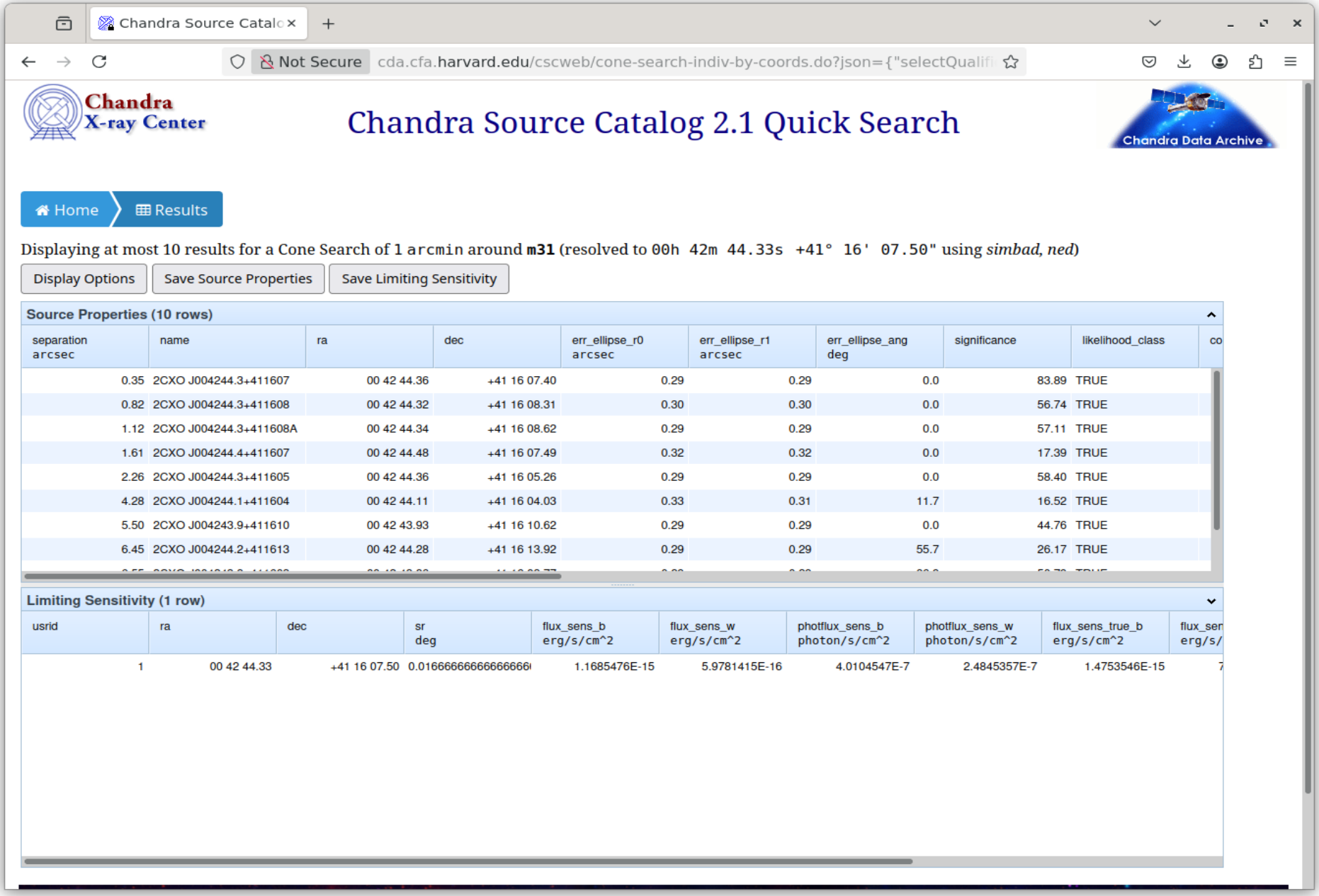
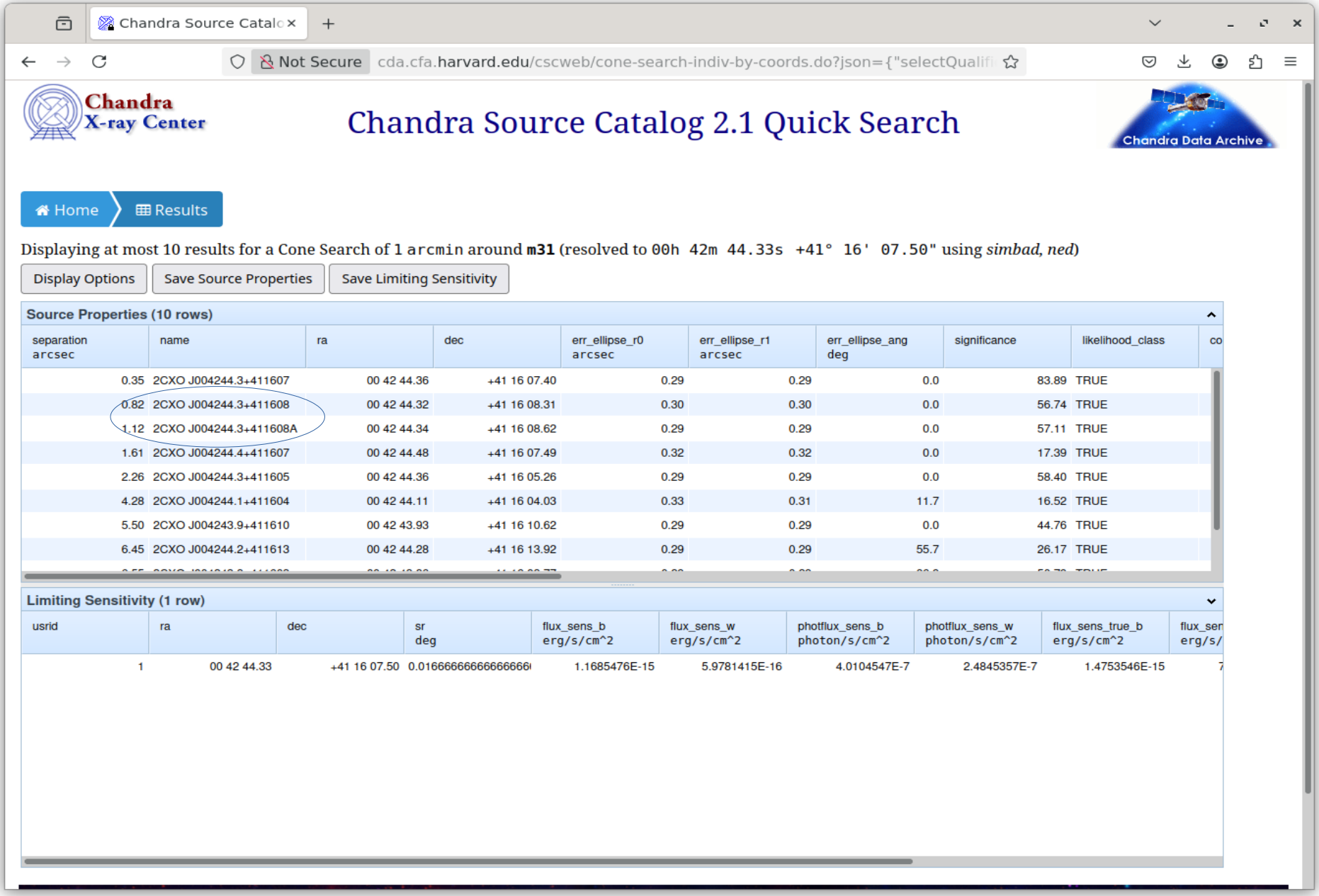
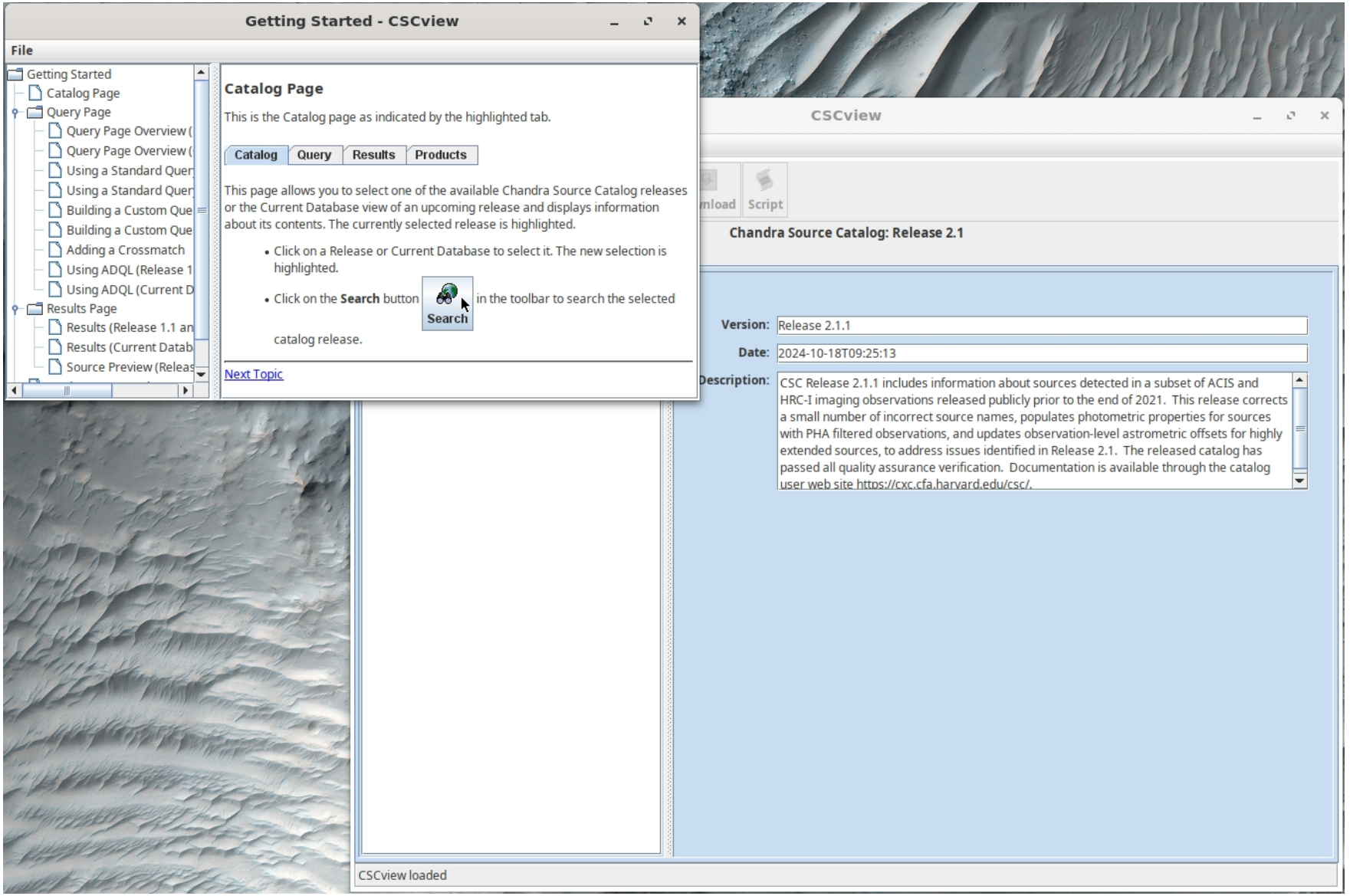
Terms of Use
Privacy Statement
Built: 2024-02-23 08:21:09 EST

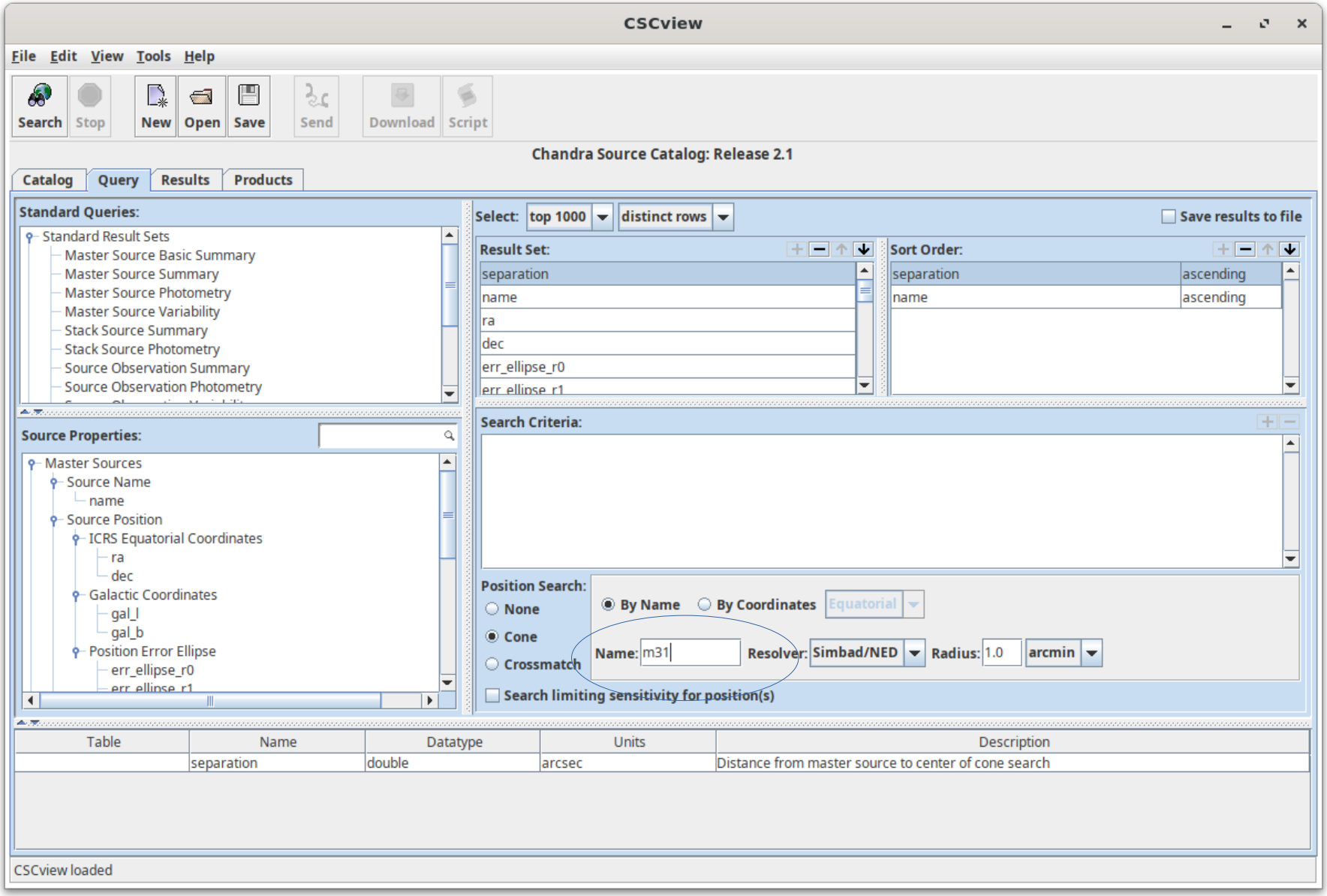

Chandra Source Catalo
Not Secure
cda.cfa.harvard.edu/cscweb/cone-search-indiv-by-coords.do?json={"selectQualifi
Chandra X-ray Center
Chandra Source Catalog 2.1 Quick Search
Chandra Data Archive
Home
Results
Displaying at most 10 results for a Cone Search of 1 arcmin around m31 (resolved to 00h 42m 44.33s +41° 16' 07.50" using simbad, ned)
Display Options
Save Source Properties
Save Limiting Sensitivity
Source Properties (10 rows)
separation arcsec | name | ra | dec | err_ellipse_r0 arcsec | err_ellipse_r1 arcsec | err_ellipse_ang deg | significance | likelihood_class | co
0.35 | 2CXO J004244.3+411607 | 00 42 44.36 | +41 16 07.40 | 0.29 | 0.29 | 0.0 | 83.89 | TRUE
0.82 | 2CXO J004244.3+411608 | 00 42 44.32 | +41 16 08.31 | 0.30 | 0.30 | 0.0 | 56.74 | TRUE
1.12 | 2CXO J004244.3+411608A | 00 42 44.34 | +41 16 08.62 | 0.29 | 0.29 | 0.0 | 57.11 | TRUE
1.61 | 2CXO J004244.4+411607 | 00 42 44.48 | +41 16 07.49 | 0.32 | 0.32 | 0.0 | 17.39 | TRUE
2.26 | 2CXO J004244.3+411605 | 00 42 44.36 | +41 16 05.26 | 0.29 | 0.29 | 0.0 | 58.40 | TRUE
4.28 | 2CXO J004244.1+411604 | 00 42 44.11 | +41 16 04.03 | 0.33 | 0.31 | 11.7 | 16.52 | TRUE
5.50 | 2CXO J004243.9+411610 | 00 42 43.93 | +41 16 10.62 | 0.29 | 0.29 | 0.0 | 44.76 | TRUE
6.45 | 2CXO J004244.2+411613 | 00 42 44.28 | +41 16 13.92 | 0.29 | 0.29 | 55.7 | 26.17 | TRUE
Limiting Sensitivity (1 row)
usrid | ra | dec | sr deg | flux_sens_b erg/s/cm^2 | flux_sens_w erg/s/cm^2 | photflux_sens_b photon/s/cm^2 | photflux_sens_w photon/s/cm^2 | flux_sens_true_b erg/s/cm^2 | flux_sen erg/s/
1 | 00 42 44.33 | +41 16 07.50 | 0.01666666666666666 | 1.1685476E-15 | 5.9781415E-16 | 4.0104547E-7 | 2.4845357E-7 | 1.4753546E-15

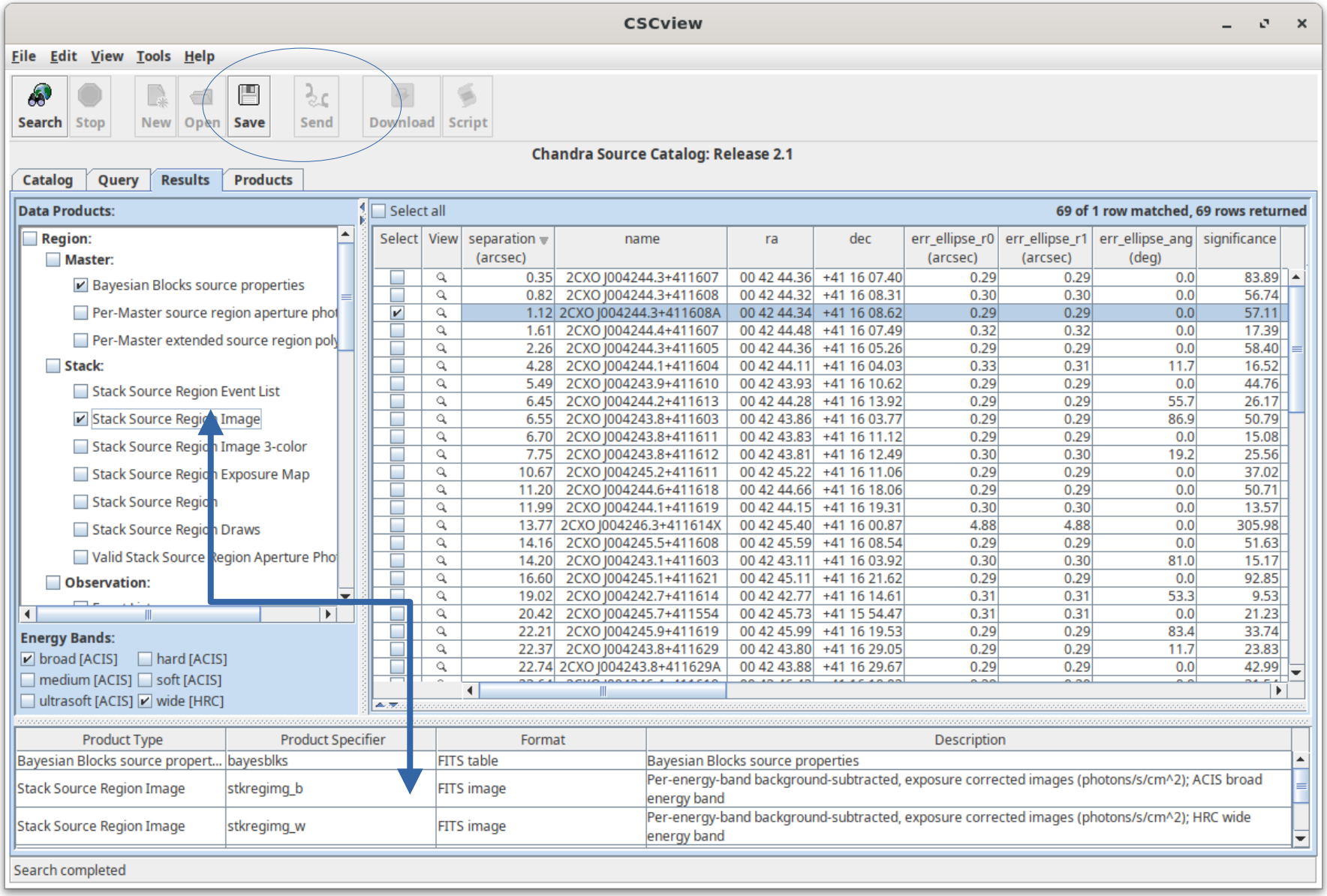

Chandra Source Catalo
Not Secure
cda.cfa.harvard.edu/cscweb/cone-search-indiv-by-coords.do?json={"selectQualifi
Chandra X-ray Center
Chandra Source Catalog 2.1 Quick Search
Chandra Data Archive
Home
Results
Displaying at most 10 results for a Cone Search of 1 arcmin around m31 (resolved to 00h 42m 44.33s +41° 16' 07.50" using simbad, ned)
Display Options
Save Source Properties
Save Limiting Sensitivity
Source Properties (10 rows)
separation arcsec | name | ra | dec | err_ellipse_r0 arcsec | err_ellipse_r1 arcsec | err_ellipse_ang deg | significance | likelihood_class | co
0.35 | 2CXO J004244.3+411607 | 00 42 44.36 | +41 16 07.40 | 0.29 | 0.29 | 0.0 | 83.89 | TRUE
0.82 | 2CXO J004244.3+411608 | 00 42 44.32 | +41 16 08.31 | 0.30 | 0.30 | 0.0 | 56.74 | TRUE
1.12 | 2CXO J004244.3+411608A | 00 42 44.34 | +41 16 08.62 | 0.29 | 0.29 | 0.0 | 57.11 | TRUE
1.61 | 2CXO J004244.4+411607 | 00 42 44.48 | +41 16 07.49 | 0.32 | 0.32 | 0.0 | 17.39 | TRUE
2.26 | 2CXO J004244.3+411605 | 00 42 44.36 | +41 16 05.26 | 0.29 | 0.29 | 0.0 | 58.40 | TRUE
4.28 | 2CXO J004244.1+411604 | 00 42 44.11 | +41 16 04.03 | 0.33 | 0.31 | 11.7 | 16.52 | TRUE
5.50 | 2CXO J004243.9+411610 | 00 42 43.93 | +41 16 10.62 | 0.29 | 0.29 | 0.0 | 44.76 | TRUE
6.45 | 2CXO J004244.2+411613 | 00 42 44.28 | +41 16 13.92 | 0.29 | 0.29 | 55.7 | 26.17 | TRUE
Limiting Sensitivity (1 row)
usrid | ra | dec | sr deg | flux_sens_b erg/s/cm^2 | flux_sens_w erg/s/cm^2 | photflux_sens_b photon/s/cm^2 | photflux_sens_w photon/s/cm^2 | flux_sens_true_b erg/s/cm^2 | flux_sen erg/s/
1 | 00 42 44.33 | +41 16 07.50 | 0.01666666666666666 | 1.1685476E-15 | 5.9781415E-16 | 4.0104547E-7 | 2.4845357E-7 | 1.4753546E-15

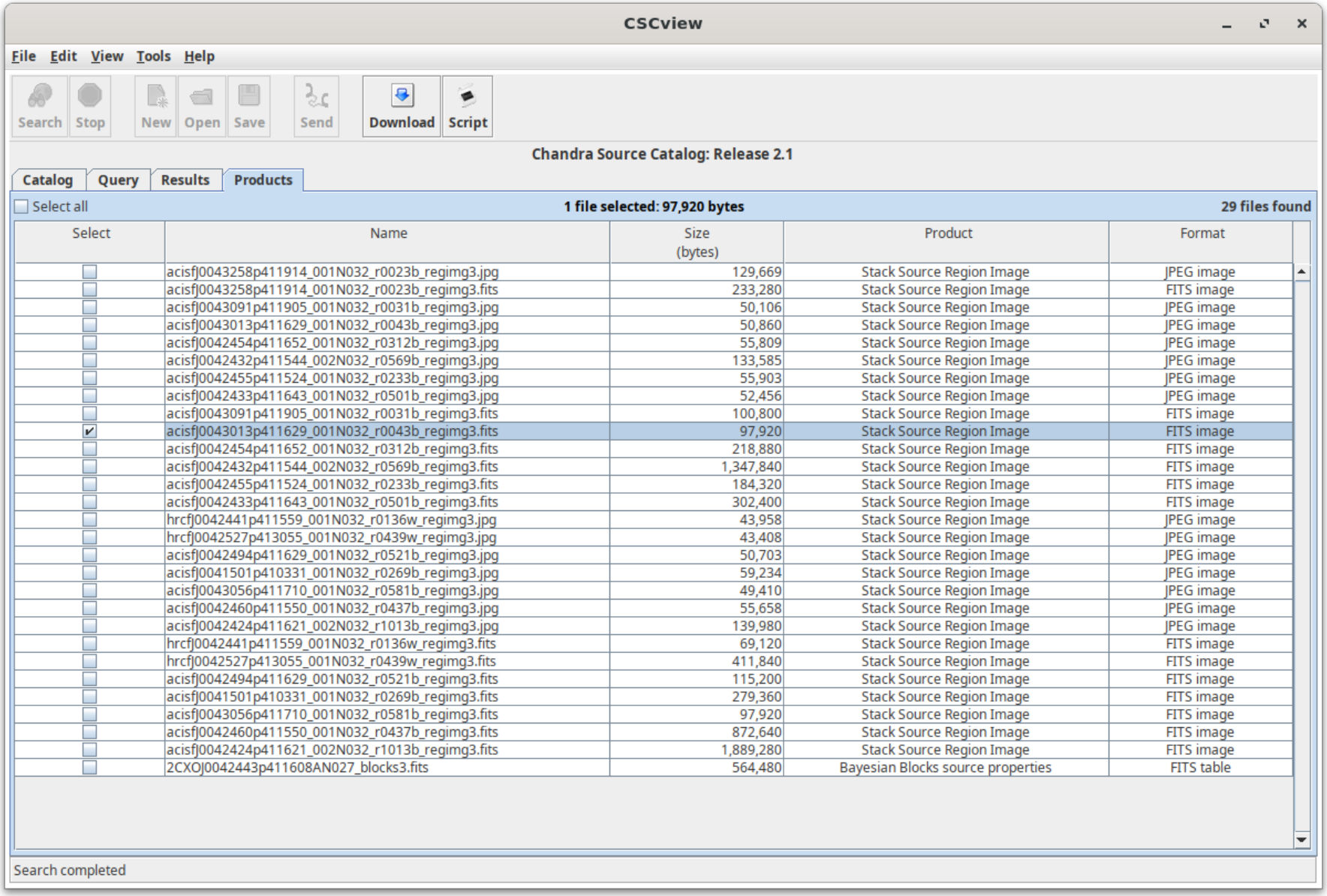
```
% search_csc 'm 31' 1 outfile= radunit=arcsec
search_csc
             pos = m 31
          radius = 1
         outfile =
         radunit = arcsec
         columns = INDEF
     sensitivity = no
        download = none
            root = ./
           bands = broad,wide
       filetypes = regevt,pha,arf,rmf,lc,psf,regexp
         catalog = csc2.1
         verbose = 1
         clobber = no
            mode = ql


366 rows returned by query
2 Different Master Source(s).
183 Different Observation(s).

name                        ra                dec               sepn      obsid
 2CXO J004244.3+411607      1.068484e+01      4.126872e+01      0.38"     18046
 2CXO J004244.3+411607      1.068484e+01      4.126872e+01      0.38"      1577
 2CXO J004244.3+411607      1.068484e+01      4.126872e+01      0.38"      2897
 2CXO J004244.3+411607      1.068484e+01      4.126872e+01      0.38"      2898
...
```

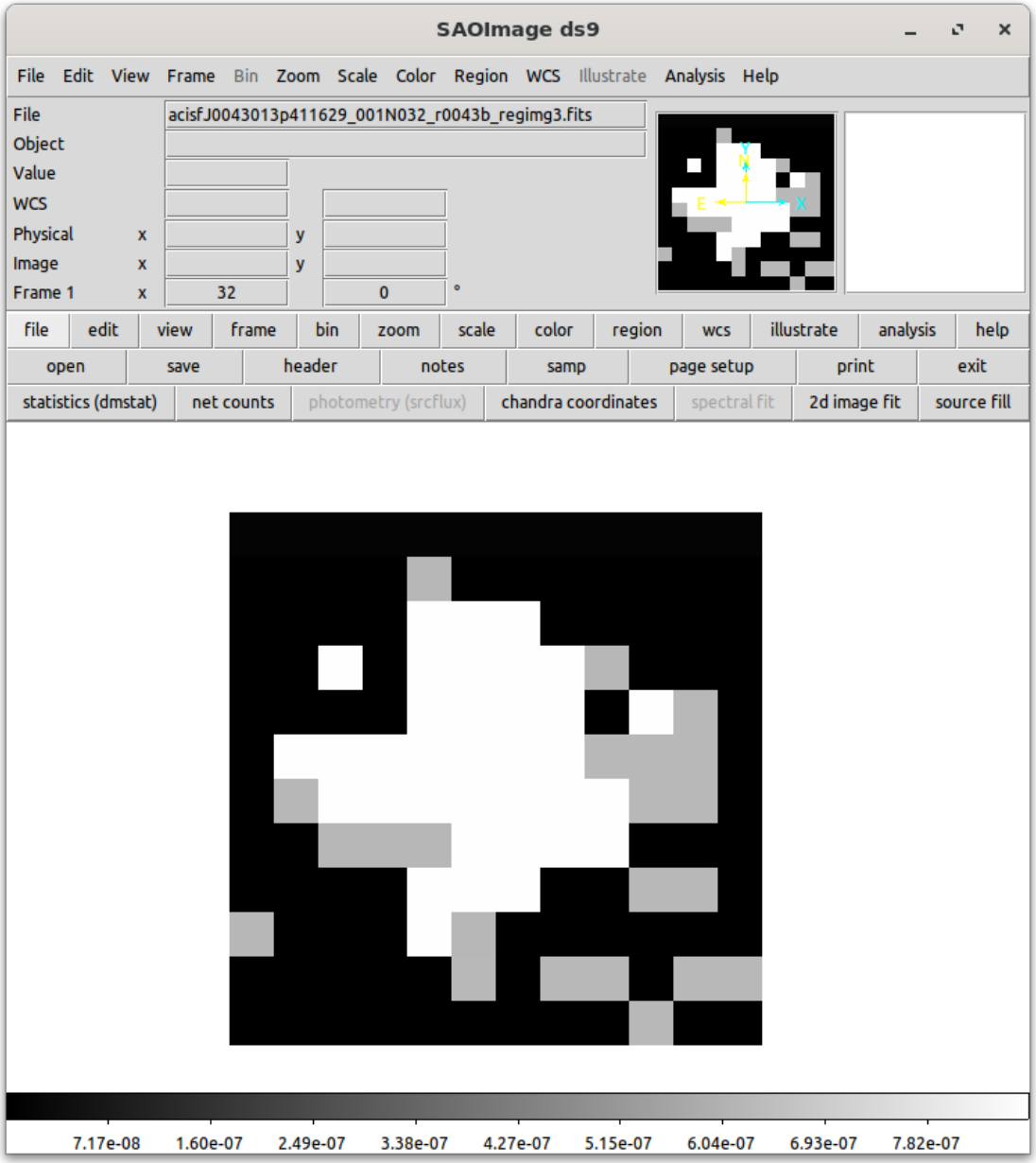
```
% java -jar cscview.jar
```


Getting Started - CSCview
File
Getting Started
Catalog Page
Query Page
Query Page Overview (
Query Page Overview (
Using a Standard Quer
Using a Standard Quer
Building a Custom Que
Building a Custom Que
Adding a Crossmatch
Using ADQL (Release 1
Using ADQL (Current D
Results Page
Results (Release 1.1 an
Results (Current Datab
Source Preview (Releas
Catalog Page
This is the Catalog page as indicated by the highlighted tab.
Catalog
Query
Results
Products
This page allows you to select one of the available Chandra Source Catalog releases or the Current Database view of an upcoming release and displays information about its contents. The currently selected release is highlighted.
• Click on a Release or Current Database to select it. The new selection is highlighted.
• Click on the Search button
Search
in the toolbar to search the selected catalog release.
Next Topic
CSCview
nload
Script
Chandra Source Catalog: Release 2.1
Version:
Release 2.1.1
Date:
2024-10-18T09:25:13
Description:
CSC Release 2.1.1 includes information about sources detected in a subset of ACIS and HRC-I imaging observations released publicly prior to the end of 2021. This release corrects a small number of incorrect source names, populates photometric properties for sources with PHA filtered observations, and updates observation-level astrometric offsets for highly extended sources, to address issues identified in Release 2.1. The released catalog has passed all quality assurance verification. Documentation is available through the catalog user web site https://cxc.cfa.harvard.edu/csc/.
CSCview loaded


CSCview
File Edit View Tools Help
Search Stop New Open Save Send Download Script
Chandra Source Catalog: Release 2.1
Catalog Query Results Products
Standard Queries:
Standard Result Sets
Master Source Basic Summary
Master Source Summary
Master Source Photometry
Master Source Variability
Stack Source Summary
Stack Source Photometry
Source Observation Summary
Source Observation Photometry
Source Properties:
Master Sources
Source Name
name
Source Position
ICRS Equatorial Coordinates
ra
dec
Galactic Coordinates
gal_l
gal_b
Position Error Ellipse
err_ellipse_r0
Select: top 1000 distinct rows
Save results to file
Result Set:
separation
name
ra
dec
err_ellipse_r0
err_ellipse_r1
Sort Order:
separation ascending
name ascending
Search Criteria:
Position Search:
None
Cone
Crossmatch
By Name
By Coordinates
Equatorial
Name: m31
Resolver: Simbad/NED
Radius: 1.0
arcmin
Search limiting sensitivity for position(s)
Table Name Datatype Units Description
separation double arcsec Distance from master source to center of cone search
CSCview loaded


CSCview
File Edit View Tools Help
Search Stop New Open Save Send Download Script
Chandra Source Catalog: Release 2.1
Catalog Query Results Products
Data Products:
Region:
Master:
Bayesian Blocks source properties
Per-Master source region aperture phot
Per-Master extended source region poly
Stack:
Stack Source Region Event List
Stack Source Region Image
Stack Source Region Image 3-color
Stack Source Region Exposure Map
Stack Source Region
Stack Source Region Draws
Valid Stack Source Region Aperture Pho
Observation:
Energy Bands:
broad [ACIS] hard [ACIS]
medium [ACIS] soft [ACIS]
ultrasoft [ACIS] wide [HRC]
Select all
69 of 1 row matched, 69 rows returned
Select View separation (arcsec) name ra dec err_ellipse_r0 (arcsec) err_ellipse_r1 (arcsec) err_ellipse_ang (deg) significance
0.35 2CXO J004244.3+411607 00 42 44.36 +41 16 07.40 0.29 0.29 0.0 83.89
0.82 2CXO J004244.3+411608 00 42 44.32 +41 16 08.31 0.30 0.30 0.0 56.74
1.12 2CXO J004244.3+411608A 00 42 44.34 +41 16 08.62 0.29 0.29 0.0 57.11
1.61 2CXO J004244.4+411607 00 42 44.48 +41 16 07.49 0.32 0.32 0.0 17.39
2.26 2CXO J004244.3+411605 00 42 44.36 +41 16 05.26 0.29 0.29 0.0 58.40
4.28 2CXO J004244.1+411604 00 42 44.11 +41 16 04.03 0.33 0.31 11.7 16.52
5.49 2CXO J004243.9+411610 00 42 43.93 +41 16 10.62 0.29 0.29 0.0 44.76
6.45 2CXO J004244.2+411613 00 42 44.28 +41 16 13.92 0.29 0.29 55.7 26.17
6.55 2CXO J004243.8+411603 00 42 43.86 +41 16 03.77 0.29 0.29 86.9 50.79
6.70 2CXO J004243.8+411611 00 42 43.83 +41 16 11.12 0.29 0.29 0.0 15.08
7.75 2CXO J004243.8+411612 00 42 43.81 +41 16 12.49 0.30 0.30 19.2 25.56
10.67 2CXO J004245.2+411611 00 42 45.22 +41 16 11.06 0.29 0.29 0.0 37.02
11.20 2CXO J004244.6+411618 00 42 44.66 +41 16 18.06 0.29 0.29 0.0 50.71
11.99 2CXO J004244.1+411619 00 42 44.15 +41 16 19.31 0.30 0.30 0.0 13.57
13.77 2CXO J004246.3+411614X 00 42 45.40 +41 16 00.87 4.88 4.88 0.0 305.98
14.16 2CXO J004245.5+411608 00 42 45.59 +41 16 08.54 0.29 0.29 0.0 51.63
14.20 2CXO J004243.1+411603 00 42 43.11 +41 16 03.92 0.30 0.30 81.0 15.17
16.60 2CXO J004245.1+411621 00 42 45.11 +41 16 21.62 0.29 0.29 0.0 92.85
19.02 2CXO J004242.7+411614 00 42 42.77 +41 16 14.61 0.31 0.31 53.3 9.53
20.42 2CXO J004245.7+411554 00 42 45.73 +41 15 54.47 0.31 0.31 0.0 21.23
22.21 2CXO J004245.9+411619 00 42 45.99 +41 16 19.53 0.29 0.29 83.4 33.74
22.37 2CXO J004243.8+411629 00 42 43.80 +41 16 29.05 0.29 0.29 11.7 23.83
22.74 2CXO J004243.8+411629A 00 42 43.88 +41 16 29.67 0.29 0.29 0.0 42.99
Product Type Product Specifier Format Description
Bayesian Blocks source propert... bayesblks FITS table Bayesian Blocks source properties
Stack Source Region Image stkregimg_b FITS image Per-energy-band background-subtracted, exposure corrected images (photons/s/cm^2); ACIS broad energy band
Stack Source Region Image stkregimg_w FITS image Per-energy-band background-subtracted, exposure corrected images (photons/s/cm^2); HRC wide energy band
Search completed


CSCview
File Edit View Tools Help
Search Stop New Open Save Send Download Script
Chandra Source Catalog: Release 2.1
Catalog Query Results Products
Select all
1 file selected: 97,920 bytes
29 files found
Select | Name | Size (bytes) | Product | Format
acisfJ0043258p411914_001N032_r0023b_regimg3.jpg | 129,669 | Stack Source Region Image | JPEG image
acisfJ0043258p411914_001N032_r0023b_regimg3.fits | 233,280 | Stack Source Region Image | FITS image
acisfJ0043091p411905_001N032_r0031b_regimg3.jpg | 50,106 | Stack Source Region Image | JPEG image
acisfJ0043013p411629_001N032_r0043b_regimg3.jpg | 50,860 | Stack Source Region Image | JPEG image
acisfJ0042454p411652_001N032_r0312b_regimg3.jpg | 55,809 | Stack Source Region Image | JPEG image
acisfJ0042432p411544_002N032_r0569b_regimg3.jpg | 133,585 | Stack Source Region Image | JPEG image
acisfJ0042455p411524_001N032_r0233b_regimg3.jpg | 55,903 | Stack Source Region Image | JPEG image
acisfJ0042433p411643_001N032_r0501b_regimg3.jpg | 52,456 | Stack Source Region Image | JPEG image
acisfJ0043091p411905_001N032_r0031b_regimg3.fits | 100,800 | Stack Source Region Image | FITS image
acisfJ0043013p411629_001N032_r0043b_regimg3.fits | 97,920 | Stack Source Region Image | FITS image
acisfJ0042454p411652_001N032_r0312b_regimg3.fits | 218,880 | Stack Source Region Image | FITS image
acisfJ0042432p411544_002N032_r0569b_regimg3.fits | 1,347,840 | Stack Source Region Image | FITS image
acisfJ0042455p411524_001N032_r0233b_regimg3.fits | 184,320 | Stack Source Region Image | FITS image
acisfJ0042433p411643_001N032_r0501b_regimg3.fits | 302,400 | Stack Source Region Image | FITS image
hrcfJ0042441p411559_001N032_r0136w_regimg3.jpg | 43,958 | Stack Source Region Image | JPEG image
hrcfJ0042527p413055_001N032_r0439w_regimg3.jpg | 43,408 | Stack Source Region Image | JPEG image
acisfJ0042494p411629_001N032_r0521b_regimg3.jpg | 50,703 | Stack Source Region Image | JPEG image
acisfJ0041501p410331_001N032_r0269b_regimg3.jpg | 59,234 | Stack Source Region Image | JPEG image
acisfJ0043056p411710_001N032_r0581b_regimg3.jpg | 49,410 | Stack Source Region Image | JPEG image
acisfJ0042460p411550_001N032_r0437b_regimg3.jpg | 55,658 | Stack Source Region Image | JPEG image
acisfJ0042424p411621_002N032_r1013b_regimg3.jpg | 139,980 | Stack Source Region Image | JPEG image
hrcfJ0042441p411559_001N032_r0136w_regimg3.fits | 69,120 | Stack Source Region Image | FITS image
hrcfJ0042527p413055_001N032_r0439w_regimg3.fits | 411,840 | Stack Source Region Image | FITS image
acisfJ0042494p411629_001N032_r0521b_regimg3.fits | 115,200 | Stack Source Region Image | FITS image
acisfJ0041501p410331_001N032_r0269b_regimg3.fits | 279,360 | Stack Source Region Image | FITS image
acisfJ0043056p411710_001N032_r0581b_regimg3.fits | 97,920 | Stack Source Region Image | FITS image
acisfJ0042460p411550_001N032_r0437b_regimg3.fits | 872,640 | Stack Source Region Image | FITS image
acisfJ0042424p411621_002N032_r1013b_regimg3.fits | 1,889,280 | Stack Source Region Image | FITS image
2CXOJ0042443p411608AN027_blocks3.fits | 564,480 | Bayesian Blocks source properties | FITS table
Search completed


SAOImage ds9
File Edit View Frame Bin Zoom Scale Color Region WCS Illustrate Analysis Help
File
acisfJ0043013p411629_001N032_r0043b_regimg3.fits
Object
Value
WCS
Physical x y
Image x y
Frame 1 x 32 0 °
file edit view frame bin zoom scale color region wcs illustrate analysis help
open save header notes samp page setup print exit
statistics (dmstat) net counts photometry (srcflux) chandra coordinates spectral fit 2d image fit source fill
7.17e-08 1.60e-07 2.49e-07 3.38e-07 4.27e-07 5.15e-07 6.04e-07 6.93e-07 7.82e-07

Insert “Success Kid” meme here