

<http://saturn.phys.cmu.edu/cstack>

(password controlled, use user=password=guest for CDF N&S)

Chandra Stacking Analysis Interface - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://saturn.phys.cmu.edu/cstack/

Stacking Analysis of Chandra Images

On the Web

V1.2

[Explanatory Manual](#) [Output Example](#)

Dataset (login name determines membership):

Rootname of this job: (Only alphanumeric and '.'. Random cahacters will be attahed.)

Maximum off-axis angle **maxoff** (arcmin, min=1,max=15):

Size of the stacked image **img_size** (arcsec,min=2.0,max=60.0):

Source region radius **src_rad** (arcsec, min=1,max=img_size*0.5):

Inner radius for background **bkg_rad** (arcsec,min=src_rad,max=img_size*0.5):

(background is calculated from the image outside of this radius)

File containing stack positions:

The input table may be an ASCII table or a FITS table (automatically detected)

For FITS table -- Extension Nr. (min=1, primary array=0):

Column Names: SrcName: RA: DEC:

Weight (Column name or "1", indicating weight=1.0 for all):

Notes for ASCII Table file: 1) The first four columns of the ASCII file must be: **Src_name RA DEC Weight**, separated by space characters. 2) Additional columns will be ignored. 3) Source names may have no more than 13 characters and may contain only alphanumeric and underscores. 4) Rows starting with an exclamation (!) are ignored. 5) It is safer to keep FITS input field defaults above. Even though these will be neglected in the analysis, they are subject to input format checks.

Your Email Address (max 50 char):

by Takamitsu Miyaji

Done

Chandra Stacking Analysis Results - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://saturn.phys.cmu.edu/cstack/Users/2_.../results.html

Stacking Analysis of Chandra Images

On the Web

V1.2 alpha


Analysis Results

Your stacking analysis for job= 2_... has been completed. The detailed analysis results are included in this [tarball](#). Unpack the tarball as follows.

```
> tar xvzf cstack_2_...tar.gz
> cd 2_...
```

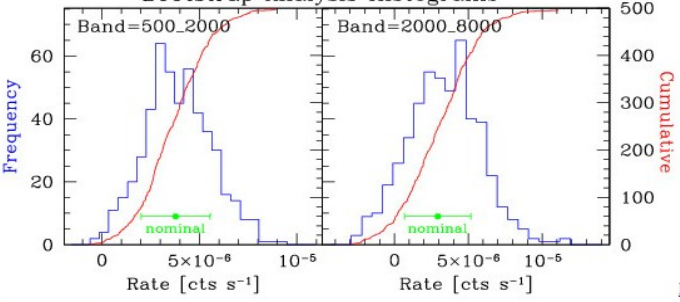
You can also have directory listings including all analysis products [here](#).

Stacked Images



(The above images may contain artefacts upon converting to jpg files.)

Bootstrap Analysis Histograms



Frequency

Cumulative

Rate [cts s⁻¹]

Band=500_2000

Band=2000_8000

nominal

nominal

EPS Version

[To entry form](#)

For questions/comments, contact: miyaji@cmu.edu
miyaji@astrosen.unam.mx or tmijaji@ucsd.edu

Done