## FATAL LATEX COMPILATION ERROR(s)

2024-09-03T06:32:49Z 1725345169524

To view full GitHub Actions output, click on item at top of list here: https://github.com/pmarcum/SAUNAS\_III/actions

...} &  $t = [t]{\lambda}$  &  $t = [t]{Obs. date} \ (1) & (2)...$ 

ERRORS IN main.tex error: main.tex: 116: Undefined control sequence! undefined control sequence. ... time} & \colhead {Filter} & \thead [t]{\lambda } & \thead [... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...Band} &  $t[t]{\nu} & t[t]{Obs. date} \ (1) & (2)...$ \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...\hline \thead [t]{Obs. ID} & \thead [t]{Array} & \thead [t]{Ex... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...\hline \thead [t]{Obs. ID} & \thead [t]{Instrument} & \thead [... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...\thead [t]{} & \colhead {}\\\hlin... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...f {ALMA Radio Telescope}}} & \thead [t]{} & \colhead {} & \the... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...re time} & \colhead {Band} & \thead [t]{\nu } & \thead [t]{O... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...s. ID} & \thead [t]{Array} & \thead [t]{Exposure time} & \colh... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. ...} & \thead [t]{Instrument} & \thead [t]{Exposure time} & \colh... \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence.

\enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. a) \Chandra \ X-ray Observatory 1.116 \enddata \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. read> \thead 1.116 \enddata \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. \@sharp ->\thead [t]{\textbf {a) \Chandra \ X-ray Observatory}} 1.116 \enddata \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \@ sharp ->\thead [t]{b) \textbf {\emph {Hubble} Space Telescope}} 1.116 \enddata \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \@ sharp ->\thead [t]{c) \textbf {ALMA Radio Telescope}} 1.116 \enddata \enddata error: main.tex: 116: Undefined control sequence! undefined control sequence. \@tablecaption ->\Chandra, \Hubble, and ALMA archival datasets \label {tab... \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \pt@head ...&  $thead[t]{}$  &  $colhead{}$  &  $thead[t]{}$  &  $colhead{}$ \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \pt@head ...ID} & \thead [t]{Instrument} & \thead [t]{Exposure time} & \colh... \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \pt@head ...\ \hline \thead [t]{Obs. ID} & \thead [t]{Instrument} & \thead [... \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \pt@head ...de} & \thead [t]{Count rate} & \thead [t]{Obs. date}\\ \colhead ... \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \pt@head ...handra \ X-ray Observatory \} \& \thead [t] \{ \} & \colhead \{ \} & \the... \enddata error: main.tex: 116: Undefined control sequence ! undefined control sequence. \pt@head ...sure time} & \colhead {Mode} & \thead [t]{Count rate} & \thead [... \enddata error: main.tex: 117: Undefined control sequence! undefined control sequence. ...4. \emph {b) Middle table}: \Hubble \ observations that includ... \tablecomments{\Chandra, \Hubble, and ALMA archival datasets analyzed in this work. EVLA

processed radio maps are available at the CHANG-ES project webpage:

\url{https://projects.canfar.net/changes/ngc-5084/}. \emph{a) Top table}: \Chandra/ACIS

observations available within 10~arcmins of NGC\,5084, retrieved from the \Chandra\ Data Archive, as of January 2024. \emph{b} Middle table}: \Hubble\ observations that include the core of NGC\,5084, retrieved from MAST, as of January 2024. \emph{b} Bottom table}: ALMA observations of NGC\,5084 retrieved from ALMA Science Portal. Col.(1) Observation ID; Col.(2) instrument or configuration; Col.(3) total exposure time per observation; Col.(4) observing mode, filter or band; Col.(5) average count rate, wavelength or frequency range; Col.(6) exposure start date.}

error: main.tex: 117: Undefined control sequence! undefined control sequence. ...4/}. \emph {a) Top table}: \Chandra /ACIS observations availab... \tablecomments{\Chandra, \Hubble, and ALMA archival datasets analyzed in this work. EVLA processed radio maps are available at the CHANG-ES project webpage: \url{https://projects.canfar.net/changes/ngc-5084/}. \emph{a} Top table}: \Chandra/ACIS observations available within 10~arcmins of NGC\,5084, retrieved from the \Chandra\ Data Archive, as of January 2024. \emph{b) Middle table}: \Hubble\ observations that include the core of NGC\,5084, retrieved from MAST, as of January 2024. \emph{b) Bottom table}: ALMA observations of NGC\.5084 retrieved from ALMA Science Portal. Col.(1) Observation ID; Col.(2) instrument or configuration; Col.(3) total exposure time per observation; Col.(4) observing mode, filter or band; Col.(5) average count rate, wavelength or

frequency range; Col.(6) exposure start date.}

error: main.tex: 117: Undefined control sequence! undefined control sequence.

...\,5084, retrieved from the \Chandra \ Data Archive, as of Janu...

\tablecomments{\Chandra, \Hubble, and ALMA archival datasets analyzed in this work. EVLA processed radio maps are available at the CHANG-ES project webpage:

\url{https://projects.canfar.net/changes/ngc-5084/}. \emph{a) Top table}: \Chandra/ACIS observations available within 10~arcmins of NGC\,5084, retrieved from the \Chandra\ Data Archive, as of January 2024. \emph{b} Middle table}: \Hubble\ observations that include the core of NGC\,5084, retrieved from MAST, as of January 2024. \emph{b} Bottom table}: ALMA observations of NGC\,5084 retrieved from ALMA Science Portal. Col.(1) Observation ID; Col.(2) instrument or configuration; Col.(3) total exposure time per observation; Col.(4) observing mode, filter or band; Col.(5) average count rate, wavelength or frequency range; Col.(6) exposure start date.}

error: main.tex: 117: Undefined control sequence! undefined control sequence. \Chandra, \Hubble, and ALMA archival datasets analyzed in this ...

\tablecomments{\Chandra, \Hubble, and ALMA archival datasets analyzed in this work. EVLA processed radio maps are available at the CHANG-ES project webpage:

\url{https://projects.canfar.net/changes/ngc-5084/}. \emph{a) Top table}: \Chandra/ACIS observations available within 10~arcmins of NGC\,5084, retrieved from the \Chandra\ Data Archive, as of January 2024. \emph{b) Middle table}: \Hubble\ observations that include the core of NGC\,5084, retrieved from MAST, as of January 2024. \emph{b} Bottom table}: ALMA observations of NGC\,5084 retrieved from ALMA Science Portal. Col.(1) Observation ID; Col.(2) instrument or configuration; Col.(3) total exposure time per observation;

Col.(4) observing mode, filter or band; Col.(5) average count rate, wavelength or

frequency range; Col.(6) exposure start date.}

\_\_\_\_\_\_

WARNINGS IN main.tex

warning: main.tex: 22: Overfull \hbox (15.35304pt too wide) in paragraph at lines 22--22

Overfull \hbox (15.35304pt too wide) in paragraph at lines 22--22 \section{Background}

-----

warning: main.tex: 74: Overfull \hbox (81.14413pt too wide) in paragraph at lines 73--74 Overfull \hbox (81.14413pt too wide) in paragraph at lines 73--74 \caption{Regions assigned for spectral analysis. \emph{Left panel:} White contours in the left panel represent the [2, 3, 5, 7, 10]\$\sigma\$ detection limits in the 0.3--2.0 keV band from Chandra/ACIS. The slit-shaped regions (1.5 arcsec wide) represent the APO/DIS optical spectra, defined to align with the major axis of the galaxy and the major axis of the circumnuclear disk. The circular core region, shown in the zoomed image, has a 3~arcsec radius. The RGB background image was generated using the \$gri\$ observations from Pan-STARRS. \emph{Right:} Close-up view of the core regions, showing the apertures for optical 6dF spectra (\$R=3.4\$ arcsec), and the APO/DIS slit-spectra. The background image represents the flux intensity in the F475W band from HST/WFPC2.}

-----

aguerri+1998aj116\_2136 bell+2006apj640\_241 bell+2006apj652\_270 bernardi+2006aj131\_1288 erwin+2017mnras468\_2058 falchi+2016an2\_1600377