8/10/2012

SIT PHA spectrograms

1) make a SIT lister output PHA file

2) run sit\_pha\_sav\_file\_generator\_rev1 (program will ask for input filename)

3) this makes an IDL sav file in the folder where the udf\_lister output file was located

4) run sit\_pha\_spectrogram\_rev1 (program will ask for input filename)

5) this makes a file: uleis\_matrix\_plot.ps in the folder where the sav file is located

input parameters: choice of variable for x, y axis

nimage scales for x, y (200 for each one works; others could be tried)

ref: ACE notes Mar 15, 2012

SAMPLE session: 8/10/2012:

.compile sit\_pha\_spectrogram\_rev1

% Compiled module: SIT\_PHA\_SPECTROGRAM\_REV1.

IDL> sit\_pha\_spectrogram\_rev1

Enter name of SIT lister pha sav file (no quotes): /Users/masongm1/Data/SEP\_event\_folder/2012\_138\_May\_17/ULEIS\_vs\_SIT-A\_pha/SIT\_A\_2012\_138\_pha\_essd\_mass.sav

Enter x\_min, x\_max, y\_min, y\_max: .01 10 .5 100

Enter nimage\_x, nimage\_y: ' 200 200

finished loop:

% LOADCT: Loading table Eos B

% Program caused arithmetic error: Floating divide by 0

% Program caused arithmetic error: Floating illegal operand