
Subject: help with imdisp

Posted by [Kyle Schindler](#) on Wed, 27 Jun 2012 20:29:00 GMT

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Hi,

I am new to IDL I only have a few weeks experience.

I have an array ch1,ch2,ch3, and ch4 each are from a FITS file which is ch1 FLOAT =
Array[1763, 1957]

I am trying to cancel out the background noise then use imdisp to display ch1/ch2, ch3/ch4 ect..

I first use where to subtract out the noise

```
ch10 = where(ch1 gt .01)
```

```
values = ch1[ch10]; now this gives me a new array
```

```
;VALUES        FLOAT    = Array[701724]
```

```
;For imdisp to work I need need to have a two dimension array.
```

```
;so I use
```

```
makech12d = array_indices(ch1,values)
```

```
;MAKECH12D    LONG    = Array[2, 701724]
```

```
;This prints out basically all zeros and a few ones the 2nd column is all zeros
```

```
; first column is all whole #'s even if its float
```

```
;I did this with ch3 and used this code
```

```
b = makech32d/makech12d
```

```
  imdisp,b(x1-nx:x1+nx,y1-ny:y1+ny),range=[-2.0,2],channel=1, margin=0.02
```

```
% Illegal subscript range: B.
```

how can I get the array values to be an array that is closer to [1763, 1957] rather than [2, 701724]
and fix my error
