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Subject: IDL moment command problems  
Posted by [wdolan](#) on Tue, 16 Feb 2016 19:14:21 GMT  
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Hi All,

I'm trying to do something fairly simple, and am getting a very weird result, and I'm not sure why.

I am trying to get the mean of a bunch of CO concentrations,

```
mm05=moment(strucCO_2005.species[3, ind05])  
backg_CO=mm05(0)
```

where '3' is the location in the matrix of the pressure we want to look at, and ind05 is all of the scans in the correct lat/lon region

When you look at 'print, strucCO\_2005.species(3, ind05)', the values form a 1d array with values on the order of magnitude of 1e-9 to 1e-7.

but when I go to look at the values 'print, mm05' I get [-1.59755 1594.21 -24.9277 619.702]

none of these numbers should be negative, and the mean should be on the same order of magnitude as the numbers that are being inputed.

Help!

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