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Subject: [Q]IDL: AXIS label alignment  
Posted by [R.Balthazor](#) on Wed, 19 Jun 1996 07:00:00 GMT  
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Hi there,

Can anyone help me with this please?

I am using AXIS to add a secondary y-axis to the right hand side of a PLOT. I divide the axis into 20 intervals (and hence 21 tick marks). So, I try

```
AXIS,YAX=1,YTICKS=20,YTICKV=[<array of 21 values>]
```

Now, the problem is this. Numerical labels 2-20 are aligned with the middle of the corresponding tickmark, but labels 1 and 21, at the top and bottom, are 'squashed' into the plot such that they lie fully within the bounds of the yaxis and not aligned with the centre of the tickmark.

Something like this:

```
-|-  
| 21.0  
|-20.0  
|  
|-19.0  
etc
```

Does anyone know how to align the top and bottom labels properly and preserve the inter-label spacing?

Thanks in advance,

Richard.

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