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 AHELP for CIAO 3.4

## tickvals

Context: [chips](#)

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### Synopsis

Controls the appearance of numerical tick mark labels.

### Syntax

```
chips> [D #] TICKVALS [<coord>] {AUTO | <format>}
chips> [D #] TICKVALS [<coord>] {ON | OFF}
chips> [D #] TICKVALS [SIZE] <size_value>
```

### Description

```
Argument: D #
Description: drawing area number designation
Options: integer numbers
Default: current drawing area
```

See the D command for more information about this argument.

```
Argument: <coord>
Description: axis
Options: X, Y
Default: both X and Y
```

```
Argument: <format>
Description: format of the numeric tick mark labels; must be contained
              within quotes (" ").
Options: any standard FORTRAN or C format string
```

```
Argument: <size_value>
Description: tick size
Options: real numbers
Default: 1.0
```

CIAO allows some plot attributes to be changed using the ChIPS state object and resource file. See "ahelp chips" for further details.

### Example 1

```
chips> SPLIT 2
chips> D 1 CURVE data/fit.dat
chips> D 2 CURVE data/residuals.dat
chips> D 1 TICKVALS X OFF
```

After two curves are plotted, each within a separate drawing area, the tick mark labels are removed from the X-axis of drawing area number 1.

## Example 2

```
chips> D 1 TICKVALS SIZE 0.95
chips> D 2 TICKVALS SIZE 0.75
```

The size of the tick marks on drawing areas 1 and 2 are changed to 0.95 and 0.75, respectively.

## Example 3

```
chips> D 1 TICKVALS Y "%1.1f"
chips> D 2 TICKVALS "%1.1f"
chips> D 2 TICKVALS X AUTO
```

The format of the tick mark labels on the Y axis of drawing area 1, where "%1.1f" is a C formatting string. The second command applies the same format to both axes of drawing area 2. Finally, the tick mark labels on the X-axis of area 2 are restored to the default setting.

## Bugs

See the [bugs page for ChIPS](#) on the CIAO website for an up-to-date listing of known bugs.

## See Also

*chips*

[axes](#), [drawarea](#), [errs](#), [font](#), [grids](#), [label](#), [levels](#), [limits](#), [line](#), [linear](#), [location](#), [log](#), [relativesize](#), [split](#), [symbol](#), [ticks](#), [title](#), [xlabel](#), [ylabel](#), [zlabel](#)

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URL:  
<http://cxc.harvard.edu/ciao3.4/tickvals.html>  
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