

---

Subject: power style labels

Posted by [Atsushi SHIMIZU](#) on Fri, 08 Jan 1999 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Could anyone tell me how to force IDL to make labels with power style without using [XYZ]TICKNAME?

Power style means '1x10!u2' in string expression for 100 and so on.

In my environments (I use IDL5.1), if I draw with following command,

```
> plot, [0, 1e5]
```

I get y-axis labels like

```
['0', '2x10!u4', '4x10!u4', '6x10!u4', '8x10!u4', '1x10!u5']
```

in string expression. However when I use

```
> plot, [0, 1e4]
```

labels become ['0', '2000', '4000', '6000', '8000', '10000'].

These are determined automatically, but I'd like to change them with my specification. I don't like to use following style.

```
> plot, [0, 1e4], ytickformat = '(e7.1)'
```

Thanks in advance.

--

Atsushi Shimizu (shimizu@kurasc.kyoto-u.ac.jp)

Radio Atmospheric Science Center

Kyoto University

---