
Subject: Problem with shade_volume and the [XYZ]RANGE Keyword

Posted by [Ricardo Fonseca](#) on Tue, 30 May 2000 07:00:00 GMT

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Hi everyone

I'm having a problem with the SHADE_VOLUME procedure and the [XYZ]RANGE keyword. Whenever I set the range the minimum range to anything other than 0 the resulting isn't the expected isosurface but a set of scattered polygons.

In other words, this works fine:

```
Data = FltArr(NX,NY,NZ)
```

```
shade_volume, data, isoval, v, p, XRange = [0,NX/2]
```

and this doesn't

```
shade_volume, data, isoval, v, p, XRange = [NX/2,NX-1]
```

Any suggestions other than feeding shade_volume with a subset of data (i.e. data[NX/2:*,*,*])?

Thanks in advance, Ricardo
