
Subject: Re: about the blackbody radiation curve
Posted by [Wout De Nolf](#) on Fri, 03 Sep 2010 12:36:10 GMT
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On Thu, 2 Sep 2010 20:37:29 -0700 (PDT), panshu Zhao
<rochesterzhao@gmail.com> wrote:

```
> PRO radiation
>
>
> h=6.626068e-27;
> k=1.38066e-16;
> c=2.997925e+10;
> t=6000;
> x=findgen(100)*0.0000001;
> a=2*h*(c^2)*(x^(-5));
>
> if x=0 then begin
>   y=0
> endif else begin
>   y=(a)/(exp((h*c)/(k*x*t))-1)
> endelse
> plot,x,y
>
> END
```

Do something like

```
y=a/(exp((h*c)/(k*x*t))-1)
ind=where(x eq 0,ct)
if ct ne 0 then y[ind]=0
```