
Subject: about the blackbody radiation curve

Posted by [panshu Zhao](#) on Fri, 03 Sep 2010 03:37:29 GMT

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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
