> I have a function of two variables f=f(E,y) and I want to calculate
the
> integral respect to y, where y ranges between 0. and a value which
is a >function of E, f(E).
> How can I calculate such an integral with IDL, since I want to plot
my result >as a function of E?

> That's what I have tried so far without any luck.
> Here I have defined a very simple function for a start:

```
FUNCTION delta, y, E
RETURN,  y / ( 2. * E * (1 - y) )
END

pro integral
E=findgen(11) + 1.
ymin=0.0
ymax = 1. - 1./E
result=qromb('delta',ymin,ymax)

;plot,E,result

END
```

> when I run it, it gives an error saying that the function E has not
been >defined.

> Thanks

> Marco