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Subject: Re: Beam Smear and Cross Sections

Posted by [Michael Kunkel](#) on Wed, 19 Sep 2012 18:17:26 GMT

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Greetings

If I had 2 beam profiles (in the lab frame), one for the bremsstrahlung distribution and one to model a trigger for the beam, would it be accurate to do the following:

```
model->AddEquation("t_lab = (_y*_y - g.mass*g.mass - p.mass*p.mass)/(2*p.mass*p.mass) -  
g.mass;");  
model->AddHistogram(brem_profile,"_f = _f * Eval(t_lab);");  
model->AddHistogram(trigger_profile,"_f = _f * Eval(t_lab);");
```

Thanks  
Michael

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