
Subject: Re: Bear Smear and Cross Sections

Posted by [Michael Kunkel](#) on Tue, 21 Aug 2012 19:29:31 GMT

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Greetings,

Is there a way to incorporate the use of TGraph and/or TGraphAsymmErrors.
The distribution I am attempting does not come in equal binning.

In fact much of the distributions that would be used will look similar to data like:

```
double xval[] = { -0.84, -0.75, -0.65, -0.55, -0.45, -0.35, -0.25, -0.15, -0.05, 0.05, 0.15, 0.25,
0.35, 0.45, 0.55, 0.65, 0.75 };
```

```
double yval[] = { 0.0324, 0.0374, 0.0276, 0.0233, 0.0173, 0.0122, 0.0122, 0.0169, 0.0277,
0.0333, 0.0359, 0.0375, 0.0439, 0.0625, 0.093, 0.132, 0.1634 };
```

Where x is $\cos(\theta)$ and y is differential cross section.

If this is not possible, I will attempt to do fitting and use the 2D functional forms.
