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Subject: Re: Bear Smear and Cross Sections

Posted by [Ingo Froehlich](#) on Sun, 19 Aug 2012 15:35:35 GMT

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I have a first example included in the latest v5.40.5 (in plugins/scatter\_mod).

It is based on the usual inline script, and can be combined with one or more histogram and a new Eval(x,..) version.

The random sampling is done by the ROOT GetRandom2() method (in fact I use PF2EvalBatch which is a wrapper to TF2). One has to keep in mind that GetRandom2 has sometimes a bad performance. Also, the histograms have no interpolation yet, is one needs a higher precision one has to do the smoothing outside of the event loop.

This was done in some days only and is poorly tested.

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