
Subject: Re: EvtGen Output Fixed Point Precision
Posted by [Marius Mertens](#) on Thu, 16 Jul 2009 18:26:33 GMT
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Hi Stefano,

I increased precision to 6, as well as width to 9.

With these parameters the maximum deviation is 100 times smaller than before, according to the formula for the maximum error it should be now less than 0.025MeV which is well confirmed by the 17259 Pions I just determined the mass of.

That's a precision I could certainly live with. If there are no concerns about the increased output file size, I'd be happy with these values as a default setting.
