

---

Subject: Re: Evtgen - prob>probmax

Posted by [Stefano Spataro](#) on Sat, 02 Jun 2012 09:32:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

inside Panda we don't have such knowledge about EvtGen, the question should be asked directly to EvtGen developers.

Meanwhile, I can give you my personal idea about. There are some models where the cross section has some divergence, i.e. rutherford cross section. In order to avoid such divergence, you put in EvtGen model a cut on maximum probability. If the random prob value is higher, then the event is discarded... more or less the same things which happens to dpm when you set the minimum theta angle. In phase space this message never appears because you don't set this probmax value. Then, if i were in you, I should not be worried about if they are not very frequent, it is only a warning from the model itself and you did nothing wrong.

A more detailed answer can be found only reading EvtGen documentation/code or asking to the authors.

---