

One point of discussion by Vladimir Grichine

Hi,

I am sending some issues for tomorrow discussion concerning biasing. These are came from simulation very rare events like neutrino or dark matter:

1 - how to bias integral cross section with factor $\sim 10^{14}$?

2- how to provide uniform (not exponential) distribution of events inside sensitive volume? (natural distribution is uniform due very high mean free path).

3 - how to provide p. 2 in a tree of volumes (G4 region and daughters inside)?

Thanks.

Best regards, Vladimir

PS. Unfortunately, tomorrow I'll be busy and will not join the session