Subject: Re: elastic neutron scattering in Geant3
Posted by Mohammad Al-Turany on Thu, 21 Jan 2010 18:50:06 GMT

Hi,

First of all are you using the vmc (i.e PandaRoot) or the native fortran stuff?

I am not sure I understand what you are doing but the DESTEP is the total energy lost in one (current) step, and not for the total energy loss in material.

Quote: I'm finding large reductions in the kinetic energy of the neutron (up to >90%)

How did you measure this, did you look at GETOT?

Also what cuts are you using, I assume you change the default if you are using 1 MeV neutrons.

regards

Mohammad