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Subject: Re: Stepsize in TPC Simulation with new external packages

Posted by [Sebastian Neubert](#) on Wed, 28 Nov 2007 14:53:02 GMT

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I have tracked the values for the MaxStep size down into TG4GeometryManager.cxx

Here the G4UserLimit is created:

```
G4UserLimits* limits = 0;
if ( stemax > 0 ) {
    limits = new G4UserLimits();
    limits->SetMaxAllowedStep(stemax*cm);
    G4cout<<"MaxAllowedStep="<<stemax*cm<<G4endl;
}
```

If I put a value of 0.5 in the file, the value of stemax\*cm is 5 !!

Sebastian.

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