Posted by Lia Lavezzi on Thu, 28 Apr 2011 12:56:36 GMT
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Hi all,
   in the file media_pnd.geo there are some gas mixtures created using the volume
percentages of each element and others using the mass percentages.
I asked for a confirmation also to Mohammad and he redirected me to this link:
http://fairroot.gsi.de/General/Geo_Material_def.htm
where it is stated that the WMAT has to be the mass weigth.

For this reason, for example, the air which now is:
0.78 N, 0.21 O, 0.01 Ar (% in vol)
should be istead:
0.755 N, 0.231 O, 0.014 Ar (% in mass)
I will change this. (done)

I could not look at all the materials also because I don' t know which ones are still in use and
which ones are not, but I would kindly ask the other developers to please check their detector
materials to be sure that they are all correctly defined.

Thank you very much,
          Lia.