

EXPERT ROOT - Developing #376

creating necessary medias for simulations

10/18/2019 01:15 PM - Ivan Muzalevsky

Status:	Открыта	Start date:	10/18/2019
Priority:	Нормальный	Due date:	
Assignee:	Ivan Muzalevsky	% Done:	10%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
One should create media, using examples https://fairroot.gsi.de/?q=node/34 for MWPC gas, target volume, check the Csl(Tl) media properties			

History

#1 - 10/23/2019 09:40 AM - Ivan Muzalevsky

- % Done changed from 0 to 10

for MWPC gas (mixture of CH₄ 10% and CF₄ 90%) at room temperature and atmospheric pressure, one should add such media into the media.geo file:

```
MWPCgas 3 12.01 1.008 19. 6. 1. 9. 3.3056-3 .2 .08 .72
         1 0 20. .001
         0
```

Target volume: D2 at 27 K, 1150 mbar.

```
D2      1 2.014 1. 0.0020635
        0 1 20. .001
        0
```