EXPERT ROOT - Developing #375

Applying CsI mapping in simulation

10/15/2019 06:35 PM - Ivan Muzalevsky

Status:	Открыта	**Start date:**	10/15/2019
Priority:	Нормальный	**Due date:**	
Assignee:	Mikhail Kozlov	**% Done:**	0%
Category:	QTelescope	**Estimated time:**	0.00 hour
Target version:			

Description

One should use the same CsI mapping as in experiment (for examle for EXP1811 the map is presented here) in the simulations.

One should create method for CsI detector for applying the user set map for simulation:

At the moment it is offered to use 2D array as input, which can be changed in the simulation macro:

for example Int_t CsIMap[16][16] =
{7,6,5,4,
3,2,1,0,
15,14,13,12,
11,10,9,8};

Such input array means that the number of the crystal with with the lowest X and Y coordinate is 7.
Indexes in the same line of the input array (7,6,5,4) correspond to the same Y coordinate
Indexes in the same column of the input array (7,3,15,11) correspond to the same X coordinate
The last index (8) corresponds to the crystal with the maximum X and Y coordinate

History

#1 - 10/15/2019 06:41 PM - Ivan Muzalevsky

- Description updated