

MAUS - Bug #367

Solenoid grid MiceModule NumberOfZCoords set wrong

04 March 2011 14:24 - Rogers, Chris

Status:	Open	Start date:	04 March 2011
Priority:	Normal	Due date:	
Assignee:	Rogers, Chris	% Done:	0%
Category:	Fields	Estimated time:	0.00 hour
Target version:	Future MAUS release		
Workflow:			
Description			
Solenoid should set number of coordinates in r, z on the field map using PropertyInts NumberOfRCoords, NumberOfZCoords. However, it takes both these parameters from NumberOfRCoords. Default is loaded correctly (from datacards).			
Module CoilWriter			
{			
Volume Tube			
Dimensions 430. 530. \$coil_length mm			
Position -\$r_c*(2*cos(\$n_s*\$dq)-2) 0.0 -10.0+\$cell_length*@RepeatNumber m			
PropertyString FieldType Solenoid			
PropertyString FileName linac.fld			
PropertyString FieldMapMode Write			
PropertyDouble CurrentDensity 1.			
PropertyDouble Length 360.			
PropertyDouble Thickness 100.			
PropertyDouble InnerRadius 430.			
PropertyDouble ScaleFactor \$str_coil_J			
PropertyDouble ZExtentFactor \$z_extent			
PropertyDouble RExtentFactor 3.01			
PropertyInt NumberOfZCoords \$n_z			
PropertyInt NumberOfRCoords \$n_r			
PropertyDouble RedColour 1.			
PropertyDouble BlueColour 1.			
PropertyBool RepeatModule2 true			
PropertyInt NumberOfRepeats \$n_s*2			
}			

History

#1 - 26 May 2011 15:11 - Rogers, Chris

- Project changed from G4MICE to MAUS
- Category deleted (BeamTools)

#2 - 27 May 2011 11:11 - Rogers, Chris

- Category set to Fields
- Target version set to Future MAUS release