Subject: Different geometry treatment in Geant3 and Geant4
Posted by Tobias Stockmanns on Wed, 20 Mar 2013 10:19:45 GMT
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Dear pandaRooters,

for the simulation of the additional Lambda disks I have created a root file coming from the CAD converter. If I use this file in Geant3 the inner ring of detectors of the second disk does not see any hit points while the first one sees all points. Doing the same in Geant4 I get from all detectors points.

Has anyone observed such a behavior before or even knows how to fix it?

Cheers,

Tobias

File Attachments

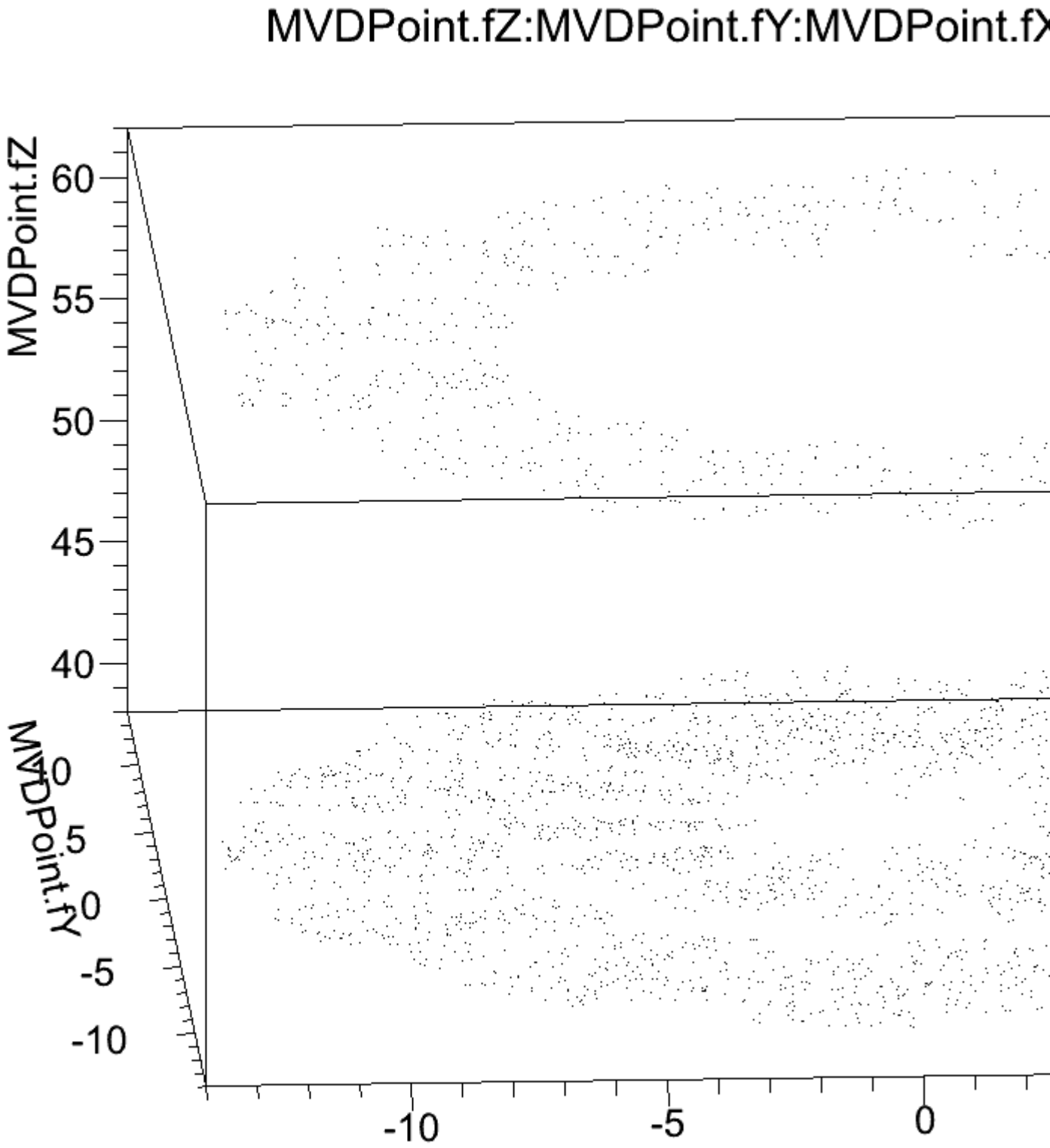
1) LambdaDisks_Geant4.png, downloaded 1305 times



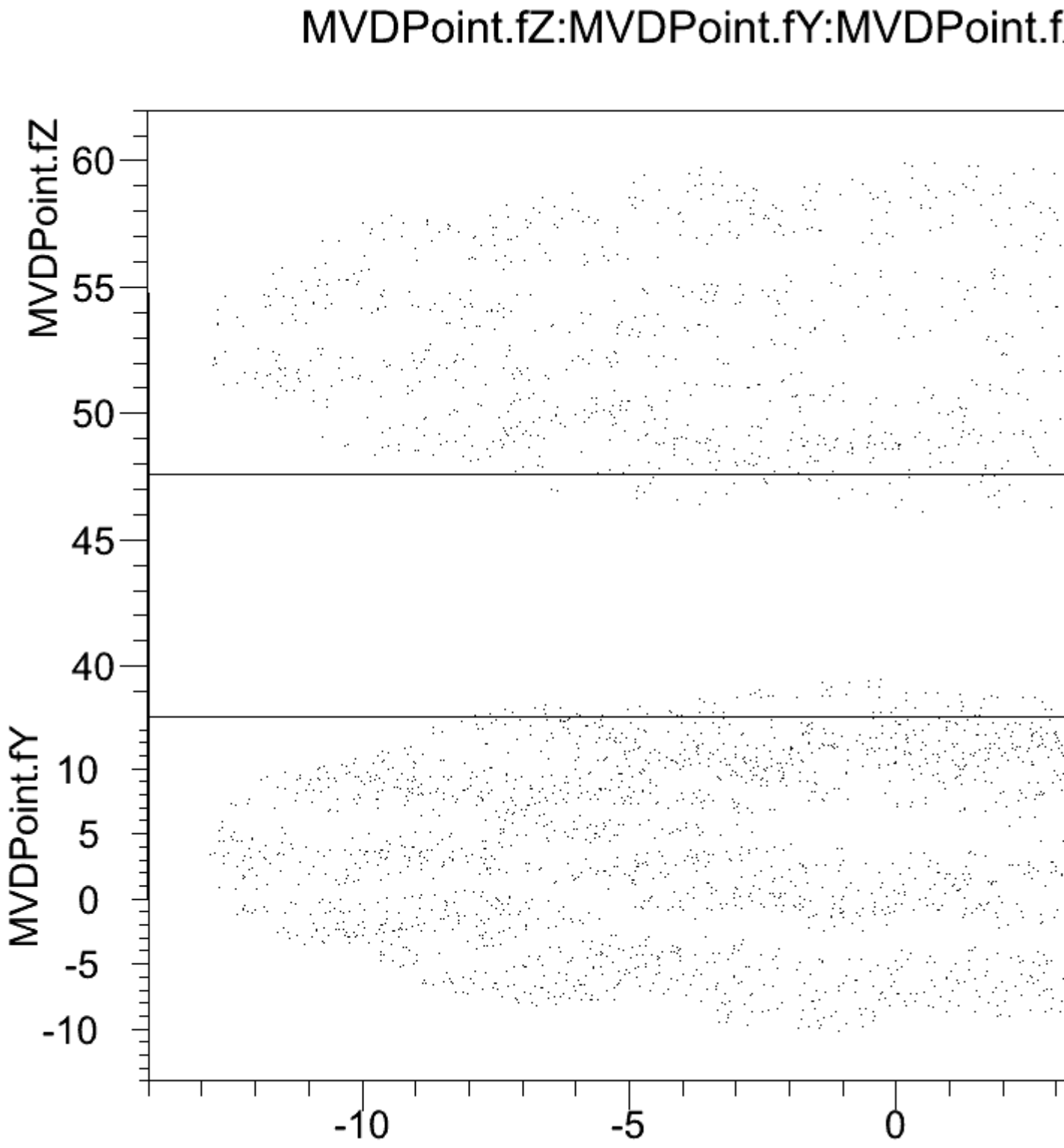
2) LambdaDisks_Geant3.png, downloaded 1333 times



3) LambdaDisks_Geant3_Hitpoints.png, downloaded 1434 times



4) LambdaDisks_Geant4_Hitpoints.png, downloaded 1349 times


MVDPoint.fZ:MVDPoint.fY:MVDPoint.f
MVDPoint.fZ
60
55
50
45
40
MVDPoint.fY
10
5
0
-5
-10
-10
-5
0