
Subject: Re: g3Config.C

Posted by [Mohammad Al-Turany](#) on Mon, 05 Nov 2007 22:39:52 GMT

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Hallo Stefano,

In the TGeant3.cxx:

```
// To control hadronic interactions.  
// par =0 no hadronic interactions.  
//   =1 Hadronic interactions. secondaries processed.  
//   =2 Hadronic interactions. No secondaries stored.
```

which is the same as the old FORTRAN documentation,

So grepping inside the FORTRAN I found:

```
C    20-JUN-1990 RB/NVE CERN GENEVA  
C    NEW OPTION IHADR=3 INTRODUCED TO SELECT INVOKATION  
C    OF THE NUCRIN PACKAGE FROM "GHEISH" FOR ENERGIES  
C    BELOW 5 GEV
```

which appears in some documentations! but searching further I found:

```
*====> 18/04/93  
*    Old Hadrin/Nucrin interface deleted. HADR 3 flag has  
*    no meaning any more. Warning message introduced in  
*    GPHYSI, when IHADR=3 then reset it to 1 and use GHEISHA.  
*    Thanks to F.Carminati.
```

for GCALOR you can look at:

<http://www.staff.uni-mainz.de/zeitnitz/Gcalor/gcalor.html>

Mohammad
