

Hi,

the backtracking macro of the LMD does not work atm and crashes with the following error messages (I cut away the unimportant log parts)

Quote:

-----FairGeane::Init ()-----

Loading Geant3 libraries ...

Loading Geant3 libraries ... finished

MZSTOR. ZEBRA table base TAB(0) in /MZCC/ at adr 1026518087 3D2F6C47 HEX

MZSTOR. Initialize Store 0 in /GCBANK/

with Store/Table at absolute adrs 1021071557 1026518087

HEX 3CDC50C5 3D2F6C47

HEX FFACE2B2 0

relative adrs -5446990 0

with 1 Str. in 2 Links in 5300 Low words in 4999970 words.

This store has a fence of 16 words.

MZLOGL. Set Log Level 0 for store 0

1\*\*\*\*\* GEANT Version 3.21/11 Released on 100298

0\*\*\*\*\* Correction Cradle Version 0.1100

MZDIV. Initialize Division Constant in Store 0

NW/NWMAX= 20004000000, MODE/KIND= 1 2

Division 20 initialized.

MZLINK. Initialize Link Area /GCLINK/ for Store 0 NL/NS= 20 20

MZLINK. Initialize Link Area /GCSLNK/ for Store 0 NL/NS= 100 100

-I- G3Config: Geant3 with TGeo has been created for Geane.

-I- Geane.C: NOPRNT flag set to 1

-I- Geane.C: IERR flags are not printed. If you want to switch them on, please set

fErtrio1->noprnt = 0 in Geane.C

Energy straggling area parameter from user set to: 0.999

0\*\*\* GSTMED \*\*\* Warning, medium = 2, value of EPSIL= 0.000E+00 reset to 1 micron

Calculating cross section tables, see gphysi.dat for more information

!!!! ZFATAL called from MZTABC

called from MZTABR

called from MZGAR1

called from MZLIFT

called from MZBOOK

!!!! ZFATAL reached from MZTABC for Case= 1

```
IQUEST(11) = 4992103      4C2C67
IQUEST(12) = 4991367      4C2987
IQUEST(13) = 4999968      4C4B20
```

Current Store number = 0 (JQDIVI=20)  
1ZEBRA SYSTEM Post-Mortem from ZPOSTM.

The crash occurs in the BuildPhysics() function call of the TVirtualMC (here of type TGeant3TGeo). The call to BuildPhysics() is made within the FairGeaneApplication::InitMC(). I'm using FairSoft 17.03.

Quote:

```
void FairGeaneApplication::InitMC(const char*, const char*)
```

```
{
// Initialize MC.
```

```
TVirtualMC::GetMC()->Init();
TVirtualMC::GetMC()->BuildPhysics();
fMcVersion = 3; //Geane
```

```
TVirtualMC::GetMC()->SetMagField(fxField);
}
```

Any help is appreciated. Thanks in advance

Stefan

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