

Macro

LISTPROC

PURPOSE

Generate the header of an analysis routine.

REMARKS

Global parameter definition and declaration of analyzers may be done in the initialization part of the analysis routine preceding the macro **ANTRY**.

EXAMPLE

The following sample demonstrates the basis structure of a user-supplied analysis program:

```
%PROCESS MACRO LIMITS(EXTNAME(31)) LANGLVL(SAA2) MARGINS(1,100);
%PROCESS RULES(NOLAXDCL);
  %INCLUDE '\FRSTOOLS\TRI\SATAN\$MACROS.PLI';

  Listproc; /* This part is executed when starting SATAN */

  List('Sample for the analysis of list-mode data');

  /* Declaration of analyzer: */
  Agen(YZ)           Limits(0,92) Bins(1)
                    Title('Z-Yields')
                    Cxaxis('Z')
                    Cyaxis('Y')
                    Linesymbol('LT11')
                    Type(FIXED)
                    NCND(1);

  ACDEF(YZ,1) LIMITS(2,10); /* Set condition limits */

  PARDCL(a,b) INIT(1,0); /* Create global parameters */

  Antry; /* This part is executed after the command LINPUT */

  Event Data(E1,E2,E3) FORMAT(FLOAT) ;
                /* Provide list-mode data */

  Dynanal;

  LIST(E1,E2,E3); /* list all data */
  ANAL(YZ,E1);    /* Fill spectrum */

  Endevt;

  Endanl;
```

DECLARATION

This macro may only be used in the analysis program. It is declared by **%INCLUDE '\FRSTOOLS\TRI\SATAN\\$MACROS.PLI';**