

Definition Adjusted PmagPy Generic Format for pseudo-Thellier

The Generic Format of PmagPy is adjusted so that pseudo-Thellier can be interpreted using this file format.

For pseudo-Thellier experiments alternating field (AF) is used instead of temperature, the [treatment] in this file format is now the AFstep.type; where the AFstep is the actual alternating field step used in the experiment in *Gauss* instead of millitesla, this allows to use decimals in field strengths - the Generic Format uses the decimal separator to assign the type of the measurement. For example, an in-field step of 7.5 mT, 75 Gauss, is written as 75.1 and a zero-field step of 100 mT, 1000 Gauss, is written as 1000.0. During import, the unit of the alternating field steps is converted to mT.

As for a normal Generic Format file, the file must be a tab delimited file and a file can contain data for multiple specimens, for example:

```
[specimen treatment dec_s inc_s moment treatment_type]
```

Where the treatment_type is either N (for the NRM step) or T (for all other steps). The data that follows should be in the same order as the header line with each measurement on a new line.

File format – Generic Format pTh

specimen	treatment	dec_s	inc_s	moment	treatment_type
[name0]	[AF0.type]	[dec0]	[inc0]	[moment0]	[treatment_type0]
[name0]	[AF1.type]	[dec1]	[inc1]	[moment1]	[treatment_type1]
[name0]	[AF2.type]	[dec2]	[inc2]	[moment2]	[treatment_type2]
[name1]	[AF0.type]	[dec0]	[inc0]	[moment0]	[treatment_type0]
[name1]	[AF1.type]	[dec1]	[inc1]	[moment1]	[treatment_type1]

Types:

0 zero-field
1 in-field