

## Definition pTh format for pseudo-Thellier

A special file format for pseudo-Thellier measurements, including data for the NRM demagnetization, ARM acquisition and ARM demagnetization for multiple specimens. The ARM demagnetization is optional. For pseudo-Thellier experiments alternating field (AF) is used instead of temperature, the [step] in this file format is the alternating field step used in the experiment in millitesla.

A pTh format file must be a tab delimited file with a header containing the following lines:  
[specimen step dec\_s inc\_s moment type]

The parameters in the header line can be in any order as long as all six parameters are provided. The data that follows should be in the same order as the header line with each measurement on a new line, a file can contain data for multiple specimens, for example:

### File format – pTh Format

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specimen	step	dec_s	inc_s	moment	type
[name0]	[step0]	[dec0]	[inc0]	[moment0]	[type0]
[name0]	[step1]	[dec1]	[inc1]	[moment1]	[type1]
[name0]	[step2]	[dec2]	[inc2]	[moment2]	[type2]
[name1]	[step0]	[dec0]	[inc0]	[moment0]	[type0]
[name1]	[step1]	[dec1]	[inc1]	[moment1]	[type1]

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Types:

- 0 zero-field (NRM demagnetization)
- 6 ARM acquisition
- 7 ARM demagnetization (optional)