# Input-files of makeCutawayForGMT

### Input-files of makeCutawayForGMT

File name	Contents
Arbitrary name	Controlling parameters
mesh.dat	Mesh information
resistivity_block_iterX.dat *	Information of parameter cells

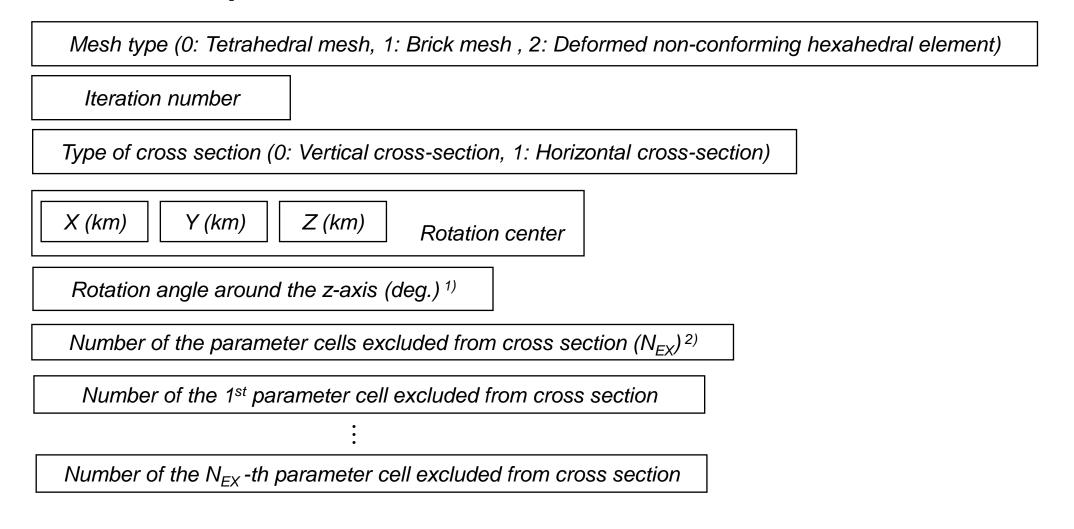
<sup>\*</sup> In the file name, 'X ' indicates the iteration number.

# How to use makeCutawayForGMT

You need to execute the following command in the directory where input files exist.

makeCutawayForGMT [Name of parameter file]

## File format of parameter file



- 1) When the type of cross section is the vertical cross-section and the rotation angle is zero, the cross section is made on the ZX-plane.
- 2) Usually, the parameter cell corresponding to the air layer is excluded for drawing cross section.

## Output-files of makeCutawayForGMT

#### Output-files of makeCutawayForGMT

File name	Contents
resistivity_GMT_iterX.dat *	Information needed to draw cross-section of resistivity structure by the psxy command of GMT.

<sup>\*</sup> In the file name, 'X' indicates the iteration number.

### <Example>

> -Z 1.354416e+00

-2.500000e+03 0.000000e+00

-1.500000e+03 0.000000e+00

-1.500000e+03 5.000000e-03

-2.500000e+03 5.000000e-03

-2.500000e+03 0.000000e+00

> -Z 1.354416e+00

-1.500000e+03 0.000000e+00

-9.987360e+02 0.000000e+00

-9.987360e+02 5.000000e-03

-1.500000e+03 5.000000e-03

-1.500000e+03 0.000000e+00

Common logarithm of resistivity

Composing points of the polygon which has the above resistivity.