NAME

sac2xy − Converts Seismic Analysis Code (SAC) into simple ASCII text (x,y) columns.

SYNOPSIS

sac2xy [no]xreset tshift=(float) [no]norm sc=(float) [no]xdeg [no]xkm [no]normfac [no]verbose [no]fixZe-roDiv ot=(string) < stdin

DESCRIPTION

Converts Seismic Analysis Code (SAC) binary formatted files into simple ASCII text (x,y) columns to plot waveforms using GMT psxy

REQUIRED PARAMETERS

stdin   SAC file standard input

OPTIONAL PARAMETERS

[no]xreset

Reset the x-values to start from 0 (default off == noxreset).

tshift=(float)

shift the start time of the first sample by tshift seconds

[no]norm

normalize amplitudes to 1 by dividing by peak max absolute amplitude

sc=(float)

scale amplitudes by sc

[no]xdeg

scale amplitudes by gcarc value (distance in degrees), for record sections

[no]xkm

scale amplitudes by gcarc value (distance in km), for record sections

[no]normfac

depricated?

[no]verbose

verbose output

[no]fixZeroDiv

prevent division by zero by clipping small amplitudes to 1.0E-09.

ot=(string)

enter a reference origin-time

SEE ALSO

sac2gmtmap(1), *mtinv*(1), *mteig*(1)