

X.G. SAMFTZ: FIX TZERO

When the energy grids of two or more data sets are misaligned, SAMMY has an option to treat initial time t_0 and the flight-path length L as search parameters, in order to provide consistent energy grids; see Section III.E.8 for details.

Once appropriate values for t_0 and L are determined, it is often useful to adjust the experimental data set accordingly before proceeding with further analysis. This is accomplished using the auxiliary code SAMFTZ.

To run SAMFTZ, provide answers to the following questions:

What are tzero & Lzero? (default = 0.0 & 1.0)

What is the flight-path length in meters?

What is name of original data file?

What is name of new data file?

Are data in csirs format? (default = yes)

Only CSIRS or TWENTY format is permitted for the “original data file;” answer “yes” to the final question if the original file is in CSIRS format and “no” if the file is TWENTY. The “new data file” will be in TWENTY format.

For an example of the use of SAMFTZ, see test case tr122.