

SYNTH 7 Frequently asked questions

Q When and where is the MCNP source term list created

A Each time a source term list is processed by the "LibraryServer" module, an un-versioned file named "MCNP-SourceTerm.txt" is created in the same folder as the SYNTH 7.exe file

Q Is it possible to save, and compare the generated spectra with real spectral data collected in Canberra CAM (*.cnf) format

A Yes, but you will need to copy the following dll files from your "GENIE2K.EXEFILES" (or equivalent) folder to the SYNTH 7 bin folder: Cam32.dll, ipc.dll, OS2WIN32.dll, Pcam.dll, and Sad.dll.

The files G2K_VB.dll and SadVB.dll (along with several others) should already be there.

Q Can user defined detector definition files (*.det in the detectors folder) be added

A Yes, just follow the format of the existing detector files as an example, and calculate the polynomial coefficients for each detector parameter using the detector definition equations described in the file "SYNTH 7 Overview.pdf" and the built-in FWHM Coefficient calculator.