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The missing data (angles and etc.) seems to be herein.

The following is from page 9 of required coding in AD783239 (per attached 3 PDFs)

"The next option is generally used for most problems. The gamma spectrum is still mono-energetic, but now several particles are created at each point in time and space. The directions and energies of the particles are created to simulate the initial Compton scattering distribution. As a **typical example**, to simulate the distribution from a **1.5 MeV source, sixteen particles are created at each point in space and time. Four polar scattering angles, 0.146, 0.357, 0.624, and 1.04 radians and four azimuthal angles, 0, $\pi/2$, π , and $3\pi/2$** are used to specify the direction of the particles. These angles were chosen so that all particles have equal weights. The particle energies are now a function of the polar scattering angle. Let θ_e be the electron scattering angle. Then"

$$\theta_\gamma = 2 \tan^{-1}(\cot(\theta_e)/(1 + \alpha))$$

Since we have not issued the data to the team yet. Dave is still finding time to add required notes to the new type of 'Web Wrap' Input sheet.

Jim LaBlanc has well identified such for data as the angles and related issues for consideration that the average reader may not be aware of..

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