Swing Tutorial

Install "JULIeT01_swing.jar" is jar-compressed file. You do not need to decompress this package. This package does not need any other files.

How tu run 1) Input a command
> `java -Xms128m -Xmx256m -jar JULIeT01_swing.jar`
2) After new window opens, chose a flavor and a doublet of incident particle;
   flavor : e, μ, τ,
   doublet: 0→neutrino, 1→charged lepton.
3) Select interaction and decay and check boxes.
4) Click a button (Step1), and wait until the message display shows 100%
5) Click a button (Step2). A particle run in 1km ice. Center panel of the event display shows energy deposit (%) of the particle. Right panel shows frequency of the pair creation, bremsstrahlung and photo-nuclear interaction.
6) Message display shows the distance the particle gained, particle species when the journey ends, and total energy deposit.
7) You can continue to run a particle by clicking Step2 button.