dfold takes a data set (e.g. called dfold.xxx) from front_dfold
and is run using dfold < dfold.xxx

dfold performs a double folding calculation using the effective
nucleon-nucleon interaction and densities specified in dfold.

The output is:

eikonal.xxx   a file that includes the double folding potential
               that can be read directly into eikonal_s to calculate
               the eikonal S-matrix for scattering by this potential.

potl.xxx   is a tabulation of the potential: radius real imaginary

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The program is useful for use in conjunction with both knockout and/or
glauber for composite particle induced reactions where an ion-ion optical
potential are needed at energies of around 100 MeV per nucleon and higher.