This folder contains graphs related to the solution of the Boltzmann-Landau kinetic equation when ECH, UBC, and LBC waves were taken into account all at the same time. We referred to this result as the “new sum”.

The 3, 5, 7, 9 keV graph corresponds to the data titled newmw3dir, newmw5dir, newmw7dir, and newmw9dir, which are the results of when you ran the code only on the energy ranges of 1-3000, 1-5000, 1-7000, and 1-9000 keV respectively.

The sum and newmw1 graph compares the “new sum” data from 1-10000 keV with the sum from the folder titled “first assignment”. This sum was found simply by adding each element of the ECH, UBC, and LBC waves together.